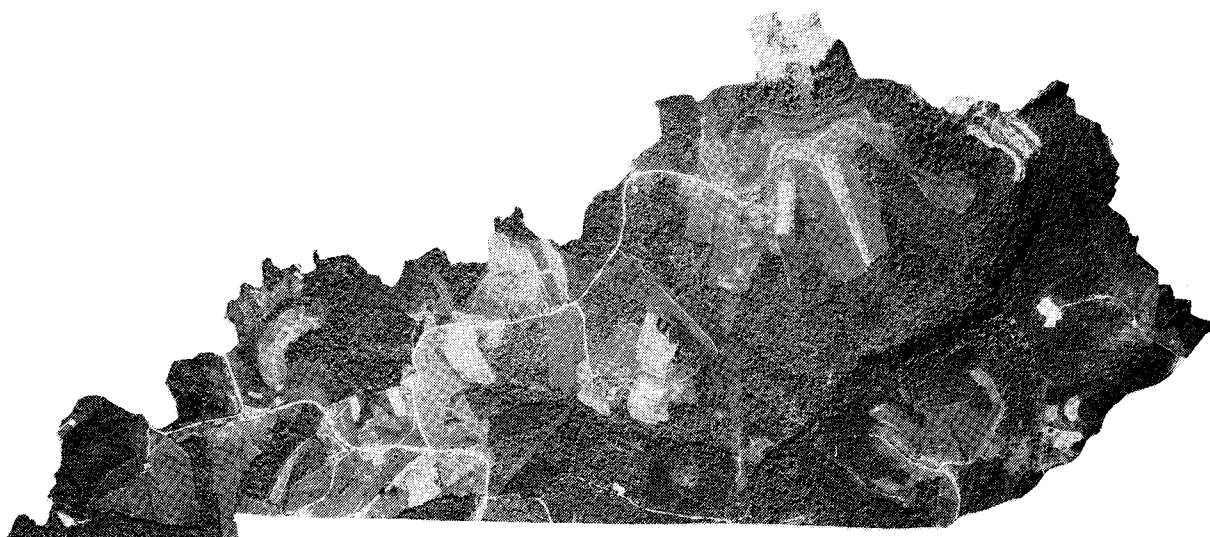


THE FOREST-LAND OWNERS OF KENTUCKY



**by Thomas W. Birch
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ABSTRACT

Ninety-two percent of the commercial forest land in Kentucky—11 million acres—is in the hands of some 455,600 private owners. Ninety-four percent of these owners are individuals. The "average" individual owner is in late middle age, has little formal education, receives a modest income, has a farm or rural background, has owned his woodland more than 10 years, and lives within 1 mile of his only wooded tract. Thirty percent of the owners, controlling 54 percent of the private woodland, have harvested timber previously. Forty-seven percent of the owners intend to harvest in the future. These owners control 71 percent of the privately held commercial forest land in Kentucky. Most owners show little interest in forestry and only a scant knowledge of sound forestry practices. In fact, only 5 percent of the Kentucky owners have ever received forestry assistance, and majority of owners do not know who to contact for such assistance. Thirty-nine percent of the owners permit public use of this land.

COVER PHOTO: An aerial view in Morgan County, Kentucky

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HIGHLIGHTS

- ★ Ninety-two percent of the commercial forest land in Kentucky—11 million acres—is in the hands of some 455,600 private owners.
- ★ The average size of private woodland ownerships is 24.2 acres.
- ★ Ninety-four percent of private owners are individuals.
- ★ The average individual owner is in late middle age, has little formal education, receives a modest income, has a farm or rural background, has owned his wood land more than 10 years, and lives within 1 mile of his only wooded tract.
- ★ Thirty percent of owners, who control 54 percent of the private woodland, have harvested timber previously.
- ★ Forty-seven percent of the owners intend to harvest at some future date. They control 71 percent of the private woodland.
- ★ Only 5 percent of the owners have received forestry assistance, and a majority of owners do not know who to contact for such assistance.
- ★ Thirty-nine percent of owners permit public use of their woodland.
- ★ Most owners show little interest in forestry and only a scant knowledge of sound forestry practices.

INTRODUCTION

THE MOST RECENT forest survey of Kentucky—1975—provided estimates of forest area and timber volume by broad owner categories (Kingsley and Powell 1978). That survey did not, however, estimate the timber volume or acreage of commercial forest land that is available for harvesting. The report also did not describe forest-land owners, their reasons for owning forest land, or their attitudes toward timber harvesting, forest management, and the recreational use of their lands by the public.

Such information is useful to public agencies for planning and organizing forestry-related programs; to forest industries for locating available timber; and to others for learning more about the motivations and objectives of forest-land owners. Ninety-two percent of the commercial forest land in Kentucky is in private hands, and an in-depth look at the private forest-land owners will provide a better understanding of the forest resources of the State.

This report complements "The Forest Resources of Kentucky" (Kingsley and Powell 1978)

by giving an overview of forest ownership in Kentucky. The data for this canvass were gathered from a sample of forest-land owners. The responses were statistically expanded to estimate the total population of private forest-land owners and the acreage that they own. *Users of this report are strongly advised to read carefully the definitions of terms and the discussion of study design and sampling errors included in the appendix.*

In this study the state has been divided into the same seven geographic sampling units used in the forest resources inventory. This permits regional comparisons with the inventory data as well as comparisons between regions in the State.

THE FORESTLAND AND ITS OWNERS

There are an estimated 455,600 owners of the 11 million acres of private commercial forest land in Kentucky. Figure 1 shows how these ownerships are distributed across the State by forest survey unit. The average private ownership is 24.2 acres

Figure 1. The relative distribution of private forest-land owners and private commercial forest land in the geographic units.

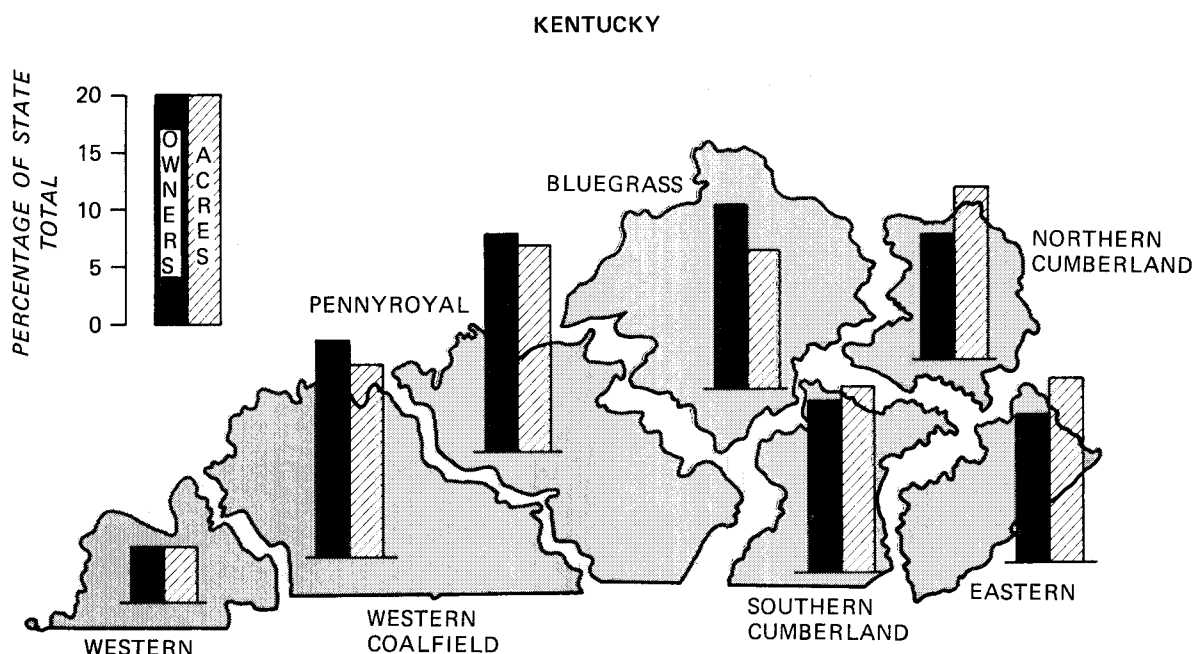


Figure 2. The average acreage of all forest-land ownerships and the average acreage of ownerships of 10 or more acres, by geographic units.

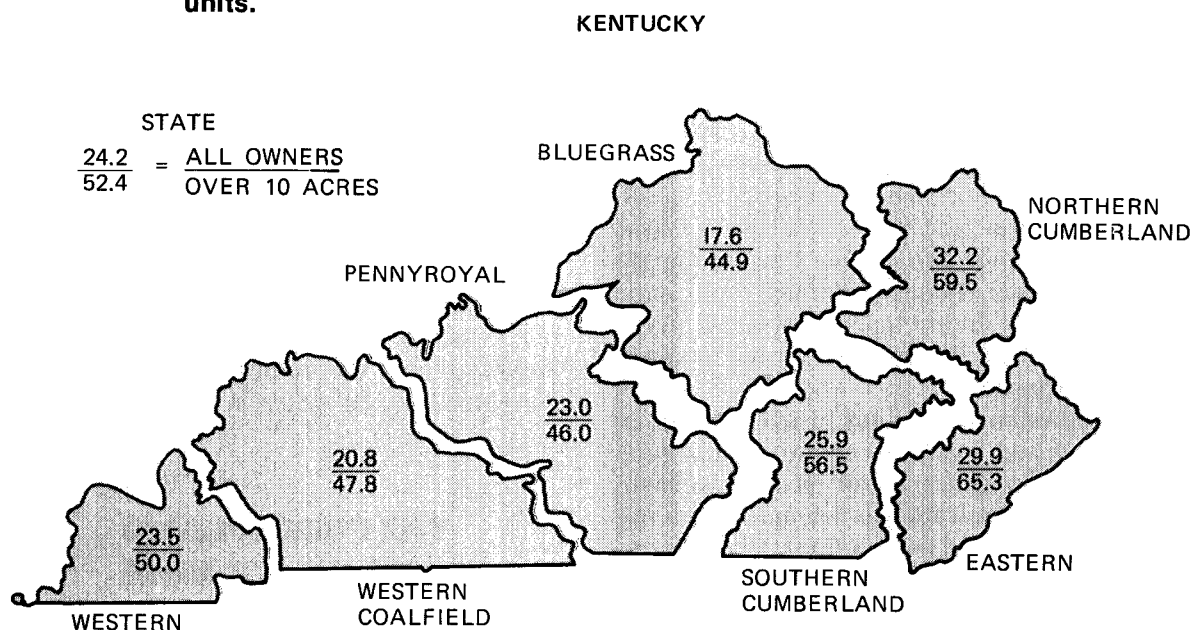


Figure 3. Distribution of private ownerships by size class of forest holding and by percentage of owners and acreage.

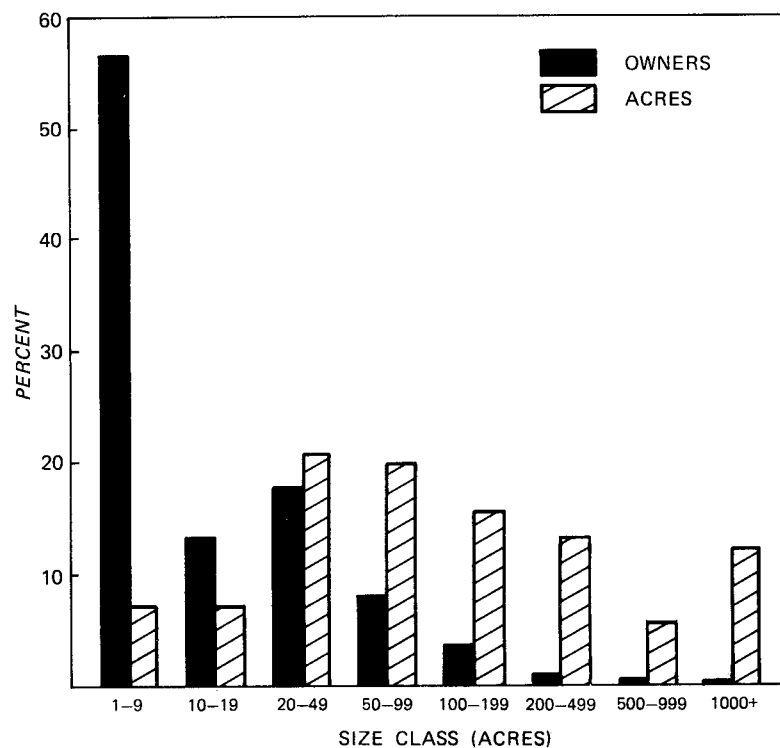
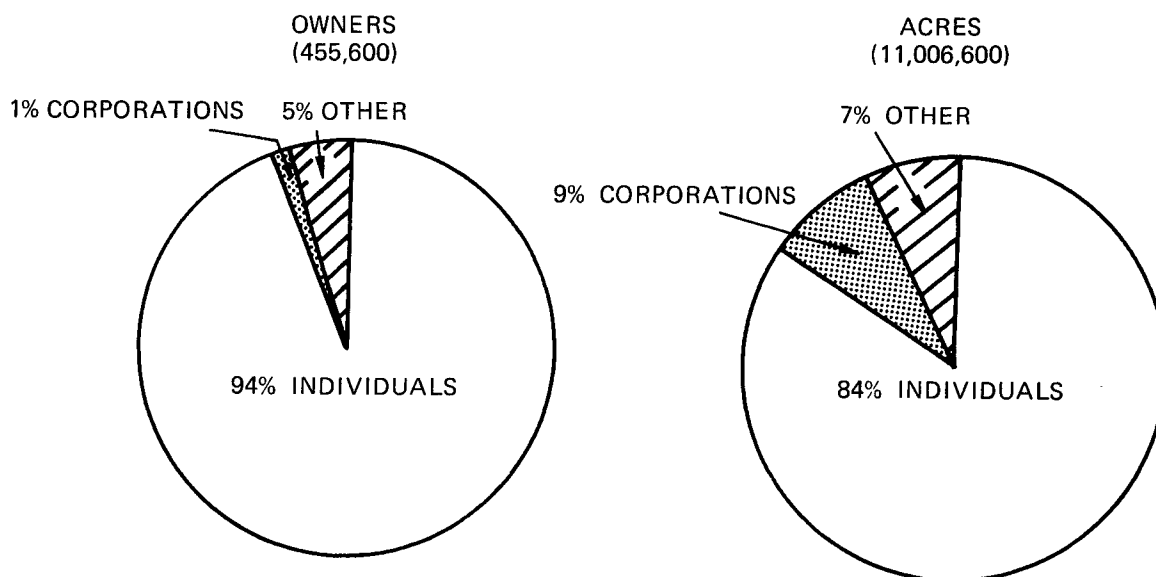


Figure 4. Percentage of all owners and acreage of privately owned commercial forest land by form of ownership.



of forest land including 1 acre ownerships. This figure rises to 52.4 acres when all ownerships of fewer than 10 acres are excluded (Fig. 2). While the ownerships range in size from 1 acre to over 100,000 acres, the largest group of owners—57 percent—own fewer than 10 acres of commercial forest land. These ownerships account for only 7 percent—805,900 acres—of the privately held commercial forest land. Only 1 percent of the owners—6,100—have more than 200 acres of commercial forest land, but they control 29 percent of the private commercial forest land, or 3.1 million acres. Figure 3 shows the number of owners and acreage owned by size class.

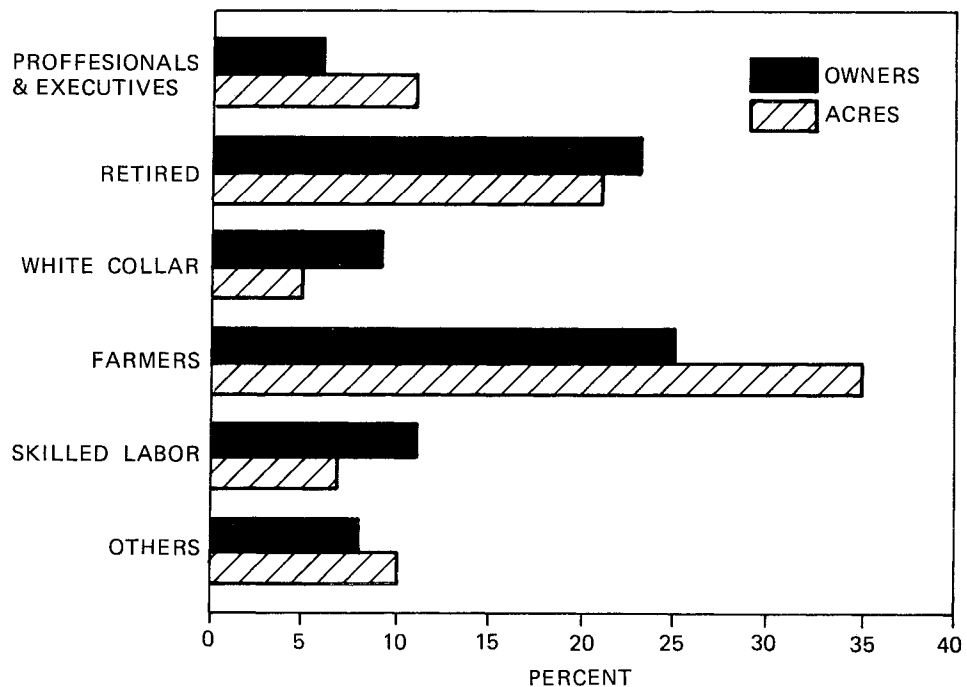
Individuals account for 427,200 owners—94 percent—and 9.2 million acres—84 percent of the privately owned commercial forest land (Fig. 4). There are an estimated 2,600 corporations that own forest land in Kentucky—1 percent of all private owners—but they control over 1 million acres of commercial forest land. The remaining owners include partnerships, undivided estates, clubs, and associations.

The individual forest-land owner

Of the 427,200 individuals who own forest land in Kentucky, 107,600—25 percent—are farmers (Fig. 5). Farmers also hold more forest land than any other group of individual owners—3.1 million acres—35 percent of the total held by individuals. In the Bluegrass Unit, a region famous for horses and tobacco farms, farmers account for 38 percent of the individual owners and they hold 577,200 acres—almost half of the forest land owned by individuals. At the other extreme, in the Eastern Unit, a major coal producing region, farmers account for only 5 percent of the individual owners and they hold only 10 percent of the land held by individuals. In this unit, skilled workers far outnumber farmers with 35 percent, although they hold only 8 percent of the land held by individuals.

Retired persons rank just behind farmers, accounting for 23 percent of the individual forest-land owners in Kentucky. In the Western Unit, 53 percent of the individuals who own forest land are

Figure 5. Owner occupations by percentage of owners and acreage.



retired. Retired people constitute a significant block of owners in each of the seven geographic units. In the State as a whole, retired people own nearly 2 million acres of commercial forest land. Many of these owners are retired farmers who have leased or sold their cropland.

Other significant groups of owners in Kentucky are skilled laborers, white-collar workers, professionals, executives, and housewives. These five groups account for 30 percent of the individual owners and they own 27 percent of the commercial forest land held by individuals.

Other information provides us with a general description of the typical individual owners of commercial forest land in Kentucky (Fig. 6). Thirty-three percent are in the 45- to 64-year-old age group, but 28 percent are 65 or older. Forty-five percent had fewer than 9 years of schooling and 22 percent had between 9 and 12 years. Forty-five percent had annual incomes of less than \$10,000 and 17 percent had incomes between \$10,000 and \$14,999. Fifty-two percent lived on a farm during the first 12 years of their lives and another 20 percent grew up in rural areas. Fifty-four percent had owned their woodland from 5 to 49 years. Of these owners: 10 percent owned their land from 5 to 9 years; 23 percent, 10 to 24 years;

and 21 percent, 25 to 49 years. Most owners own only one tract which is part of their farm or residence. Seventy-one percent live on the same tract or within 1 mile of it. Though such generalizations should be used cautiously, we might typify the average individual owner as being middle aged to elderly, having received comparatively little formal education, having a modest income, growing up on a farm or in the country, owning his woodland for at least 10 years, and living on or within 1 mile of his only tract of commercial forest land.

The corporate and other owners

Corporations of one kind or another own 1,023,900 acres of commercial forest land in Kentucky—less than 9 percent of the commercial forest land in the State. Of the 2,600 corporations that own forest land, 1,000 are classed as nonforest industries. These corporations hold 602,900 acres or 59 percent of the commercial forest land held by corporations. Many of these companies are engaged in coal, gas, petroleum, or mineral extraction. Not surprisingly, the Eastern Unit in the heart of the eastern coalfield, has the highest proportion of its commercial forest land in corporate ownership—25 percent. Second highest

Figure 6. Profile of individual owning commercial forest land, by geographic unit.

Description	Eastern	Northern Cumber- land	Southern Cumber- land	Bluegrass	Penny- royal	Western Coalfield	Western	State
Average acreage of ownership	22.5	29.2	24.4	16.0	22.7	18.1	20.0	21.5
Most commonly mentioned occupation	Skilled laborer	Retired	Retired	Farmer	Retired	Farmer	Retired	Farmer
Age	25-64	*	≥ 45	45-64 0-4 college	≥ 45	≥ 45	≥ 65	≥ 45
Education (years)	0-12	*	0-8	0-8 college	0-8	0-12	0-12	0-12
Income	<\$10,000	*	<\$10,000	<\$15,000	<\$15,000	<\$15,000	<\$10,000	<\$15,000
Early environment	Farm or rural area	*	Farm or rural area	Farm or rural area	Farm	Farm	Farm	Farm
Period of ownership (years)	<25	5-49	5-49	5-24	≥ 10	≥ 10	≥ 10	5-49
Distance from residence to nearest tract	<1 mile	<1 mile	<1 mile	<1 mile	<1 mile	<1 mile	<1 mile	<1 mile
Number of tracts	one	one	one	one	one	one	one	one
Most commonly mentioned reason for owning	Part of residence	Part of residence	Part of residence	Part of residence	Part of farm	Part of farm	Part of farm	Part of farm

*Nonresponse precludes generalization.

is the Western Coalfield Unit, with 12 percent of its commercial forest land in corporate hands.

Corporate forest industries, while they number only 100, hold 170,900 acres or 17 percent of the commercial forest land held by corporations. The other 1,500 corporations in Kentucky hold an average of 167 acres. These include real estate corporations, corporate farms, and various other nonindustrial corporations.

Undivided estates constitute 16,300 owner-ships—an unusually high proportion in Kentucky, particularly in the three eastern geographic units. In the Eastern Unit, undivided estates account for 11 percent of the ownerships, and in the Southern Cumberland Unit they account for 7 percent. Apparently in the Appalachian Highlands, an unusually large number of owners die intestate leaving the disposition of their land undecided for a long period of time.

The remaining ownerships in Kentucky consist of 8,400 partnerships and 1,100 clubs, trusts, associations, and similar groups. Together, these 9,500 ownerships hold 304,100 acres.

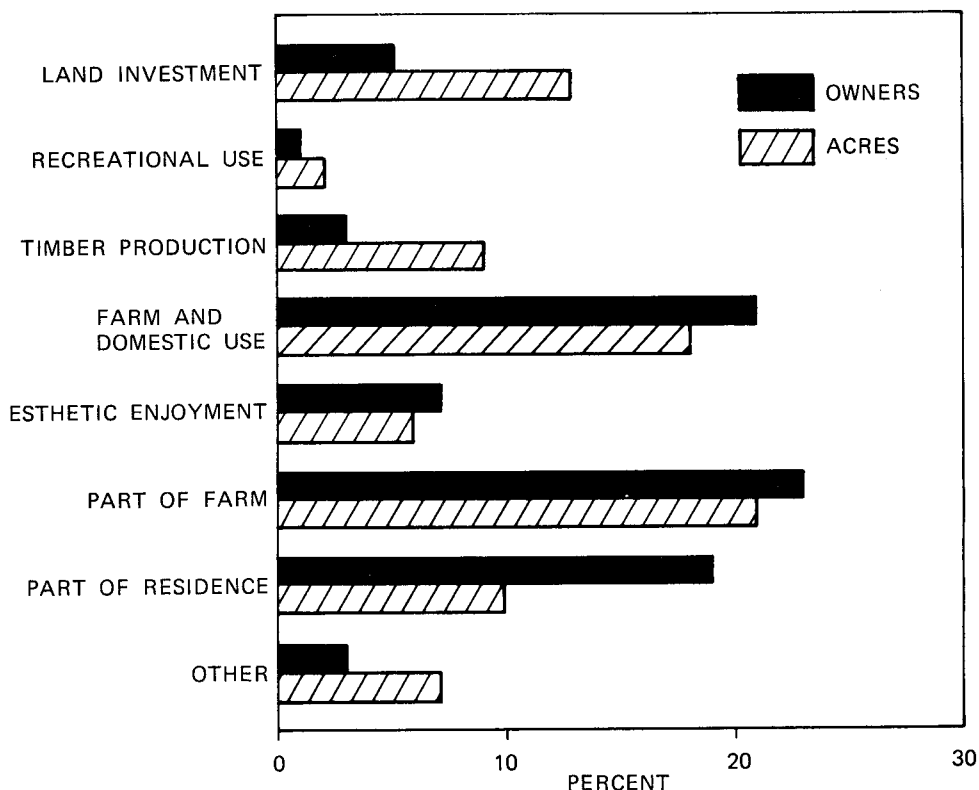
WHY PEOPLE OWN FOREST LAND

Nearly one out of every four owners holds forest land primarily because it is part of his farm (Fig. 7). Another 19 percent said that they held forest land because it was part of their residence. Together, these two groups hold nearly one-third of the privately owned commercial forest land in Kentucky. In contrast, only 3 percent of the owners in the State report that their primary reason for holding forest land is for timber production. These owners hold 9 percent of the privately held commercial forest land in Kentucky—fewer than 1 million acres.

The large number of owners who hold forest land simply because it is part of their farm or residence is significant because it indicates that they have no firm objective in mind. Thus, they seldom actively manage their land for any purpose.

Twenty-one percent of the owners said they held forest land primarily for farm or domestic use. These owners hold 18 percent of the privately

Figure 7. Primary reason for owning forest land, by percentage of owners and acreage.



owned commercial forest land in the State. Farm or domestic use means that these owners consider their woodlands as a source of fence posts, fuelwood, and similar products for their own consumption.

Few Kentucky forest-land owners hold the land as an investment. Only 5 percent of the owners hold land for this reason, and they hold 13 percent of the privately held commercial forest land.

In addition to their reason for owning forest land, we also asked the respondents what benefit they had derived from their land during the past 5 years and what benefit they expected to derive in the coming 5 years. Farm or domestic use was by far the most frequent answer for both.

Thirty-five percent of the owners considered farm and domestic use the most important benefit they derived in the past 5 years, and 36 percent anticipate that it will be the most important in the coming 5 years. These owners control 25 percent of the private commercial forest land in Kentucky. Esthetic enjoyment was considered the second most common benefit, with 20 percent considering it the most important past benefit and 18 percent expecting it to be the most important future benefit. Benefits derived from recreational use, sale of timber, land value increase, and "other" reasons considered important by the holders, each account for less than 10 percent of the owners. However, those owners who indicated increase of land value or sale of timber as important benefits own substantially more land on average than most owners.

From the response received to both the reason for owning forest and benefits derived from it, it would appear that few Kentuckians look at their forest land as a source of financial gain. Rather, they perceive it as a part of their environment to be used as needed, but not manipulated for greater productivity either materially or financially. To many, the land—forested or not—is part of their heritage. Just to own it is satisfaction enough.

HOW MUCH TIMBER IS AVAILABLE

How much of the timber on privately owned forest land is available for harvesting? This question is persistently asked, and it is difficult to answer. The answer is influenced by how one defines availability and by the assumptions that are used to develop the estimate. Further, the usefulness of any estimate is limited to the time in

which it is made. Industrial developments, market conditions, and other social and economic changes can drastically alter the interaction of the factors used to determine how much timber could be brought to market. We can, however, get an idea of how much timber might be available by examining the past practices of owners and their future intentions.

It is interesting to note that 30 percent of the present forest-land owners in Kentucky have harvested their timber at one time or another. But 47 percent say that they intend to harvest sometime in the future. Several questions come to mind. Does the 17 percent difference represent those owners who desire to harvest but will be unable to for lack of a market, insufficient volume, too small a tract? Does it represent those owners who do not sell because they place restrictions on the harvesting operations? Does it represent owners who may have an unrealistic idea of the value of their timber? Does it represent the practice of harvesting timber just before selling the land? Or, does it represent those situations where the land is tied up in an estate and the heirs cannot agree on a timber harvest? We suspect that the 17 percent is made up of all these situations and more.

For these reasons and more, an owner may not harvest his timber even though he says that he intends to do so. Thus, it would seem wise to be skeptical about what owners say they intend to do, and to look at what they have done. Somewhere between the two is the realistic answer to the question of how much timber is available from private forest land in Kentucky.

The 135,900 forest-land owners (30 percent) who have harvested timber hold 5,970,600 acres of commercial forest land. Of these owners, an estimated 14,100 harvested timber in 1975. This harvesting entailed only 24 percent of the land they own. On average, only 280 ft³ of growing stock for timber products was harvested from each acre involved. Multiplying this per acre volume by the 277,000 acres harvested, we estimate that these owners harvested 77.6 million ft³ for products in 1975. It is interesting to note that by applying the percent of commercial forest land in the State that was privately owned in 1975—92.5—to the volume removed from growing stock for all products for that year, 94.3 million ft³ (Kingsley and Powell 1978), we estimate that 87.2 million ft³ were harvested for products from pri-

Figure 8. Volume of timber and area of commercial forest land available for harvesting timber products, by geographic units.

Item	Eastern	Northern Cumber- land	Southern Cumber- land	Blue- grass	Penny- royal	Western Coal- field	Western	All units
Total private commercial forest land (M acres)	1,801	1,744	1,738	1,309	2,025	1,819	571	11,007
Private commercial forest land held by owners planning to harvest (M acres)	1,152	1,062	1,219	900	1,573	1,437	450	7,793
Percent of area that above owners consider available for harvesting	93	88	88	79	88	89	92	88
Area of commercial forest land available for harvesting (M acres)	1,067	937	1,082	712	1,382	1,279	416	6,875
Average annual net growth (ft ³ /acre)	30.9	33.1	28.0	20.2	37.6	41.8	39.0	32.1
Estimated volume of net annual growth available for harvesting (million ft ³)	32,957	31,014	30,293	14,380	51,957	53,452	16,236	230,289
Estimated total removals from private commercial forest land in 1974 (million ft ³)	8,309	18,236	20,928	8,351	26,769	41,417	13,875	137,885

vate commercial forest land in 1974. This is 12 percent above our estimate for 1975.

A total of 51,400 owners of private forest land in Kentucky expect to harvest timber from their land within the next 10 years. In addition, 163,500 expect to harvest, but are not able to specify when. Together, these owners hold nearly 7.8 million acres of commercial forest land. With this information, we can begin to develop a reasonable estimate of the maximum volume of timber that could be harvested on a sustained annual basis.

Private forest-land owners, like public-land managers, do not consider that all of the land they own or administer is available for timber harvesting. We found that those owners who had harvested considered that, on average, 88 percent of their forest land was available for harvesting. If we assume, then that 88 percent of the land held by those owners who indicate a desire to harvest timber is available, we have 6.9 million acres of privately owned commercial forest land that we might consider as the timber-producing land base.

Privately owned forest land in Kentucky grows an average of 32.1 ft³ per acre per year. At present levels of forest management, it should be possible to harvest an average of 32.1 ft³ per acre per year from the 6.9 million acre land base. Thus, in theory, if all those Kentucky forest-land owners who intend to harvest have only the growth removed from their land, they could conceivably supply a total of 230.3 million ft³ annually.

Figure 8 shows the estimated volume of timber available in each of the seven geographic units. Note that in each unit, more volume is considered available annually than was estimated to have been removed in 1974. The estimated volume removed in 1974 included the volume removed but not used for timber products. In fact, only about two-thirds of the volume of growing stock removed from Kentucky's forest land is used for timber products. The remaining volume is composed of removals for land clearing and land use changes, or logging residues.

It is clear, that if all of those owners who express an interest in harvesting timber harvested the annual growth from their lands, the output of timber products in Kentucky could be increased substantially and could be sustained at these higher levels. And, if a higher proportion of all timber removals were put into products, a higher rate of return for forest land could be realized. Also, increased levels of forest management on private

forest land in Kentucky would further increase the volume of wood available annually.

OWNER ATTITUDES CONCERNING TIMBER HARVESTING

Predicting owner behavior

Who are the owners who plan to harvest timber? Are certain owners more likely to harvest? Do they have anything in common that might be used as a basis to predict owner behavior? Previous studies (Kingsley 1976, Kingsley and Birch 1977, Birch and Kingsley 1978) point to three things that characterize potential timber harvesters: similarity of primary benefits expected in the next 5 years, the size of their forest ownership, and their primary reason for owning woodland.

The highest percentage of owners with definite plans to harvest within 10 years—60 percent—gave income from the sale of timber as the primary benefit expected (Fig. 9). If we look at owners who have both definite and indefinite intentions to harvest, then at least 50 percent of those owners who expect benefits from increased land value or from esthetic enjoyment will also expect to harvest timber. Generally, owners whose primary expected benefit is esthetic enjoyment of their land are not considered to be potential harvesters—but this is apparently not so in Kentucky. Those owners who expect to use their woodlands for farm or domestic purposes are about evenly split between those who intend to harvest and those who do not.

After expected benefits, it appears that the size of forest ownership is the best predictor of an owner's intention to harvest timber. As size of ownership increases so does the proportion of owners who intend to harvest (Fig. 10). However, in no size class do more than 50 percent of the owners have definite harvesting plans.

The owner's primary reason for holding forest land is the third factor used to predict harvesting intentions (Fig. 11). As in size class of ownership, in no category do 50 percent or more of the owners have intentions to harvest in the coming 10 years. When we include those owners with definite harvesting intentions, people who own land for investment, recreational use, timber production, farm or domestic use, or because it is part of the farm, are more likely to plan on harvesting.

Figure 9. Percentage of owners and acreage owned by expected time of harvest and primary benefit expected in the next 5 years.

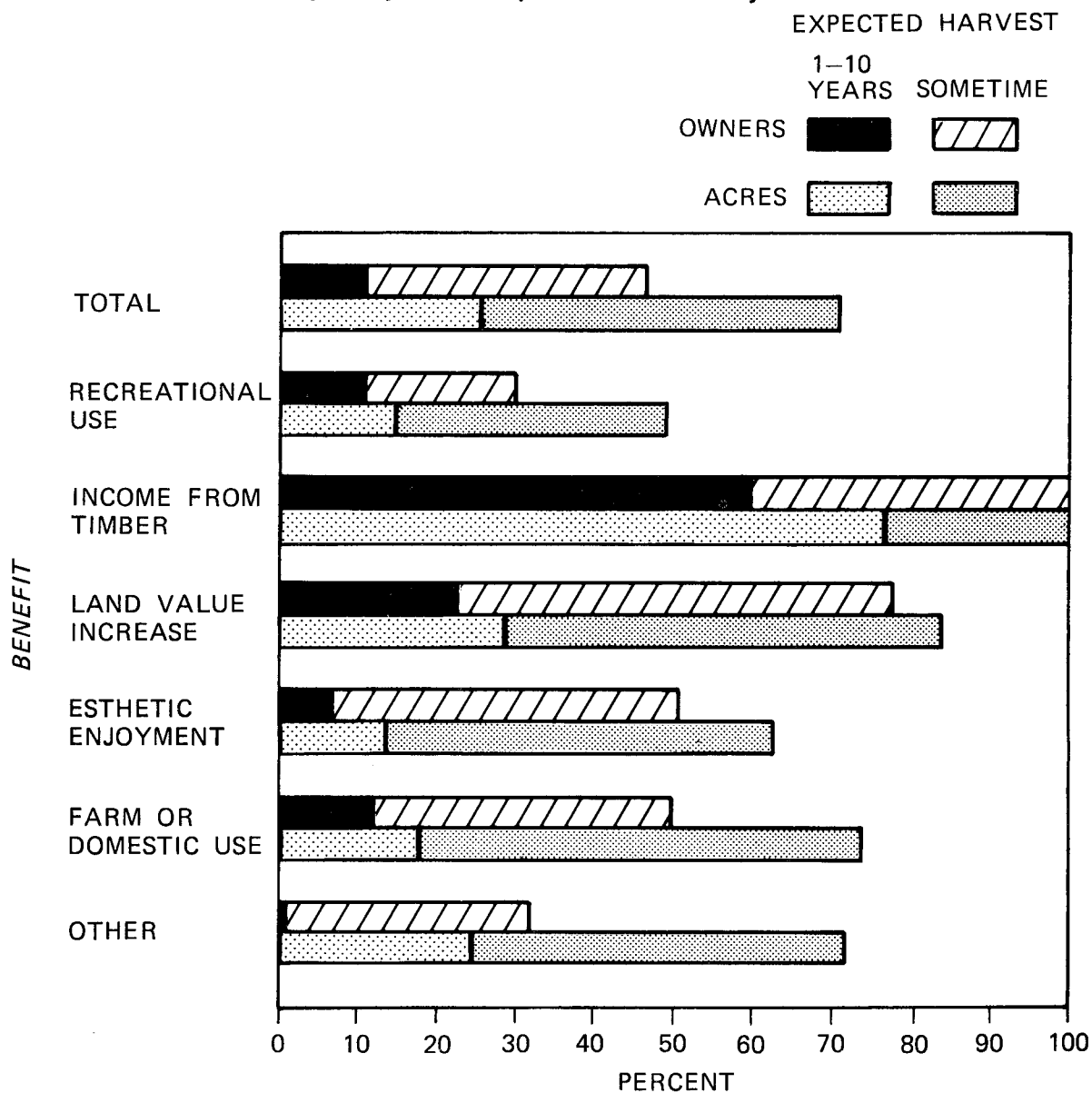


Figure 10. Percentage of owners by expected time of harvest and acreage owned and size class (in acres) of ownership.

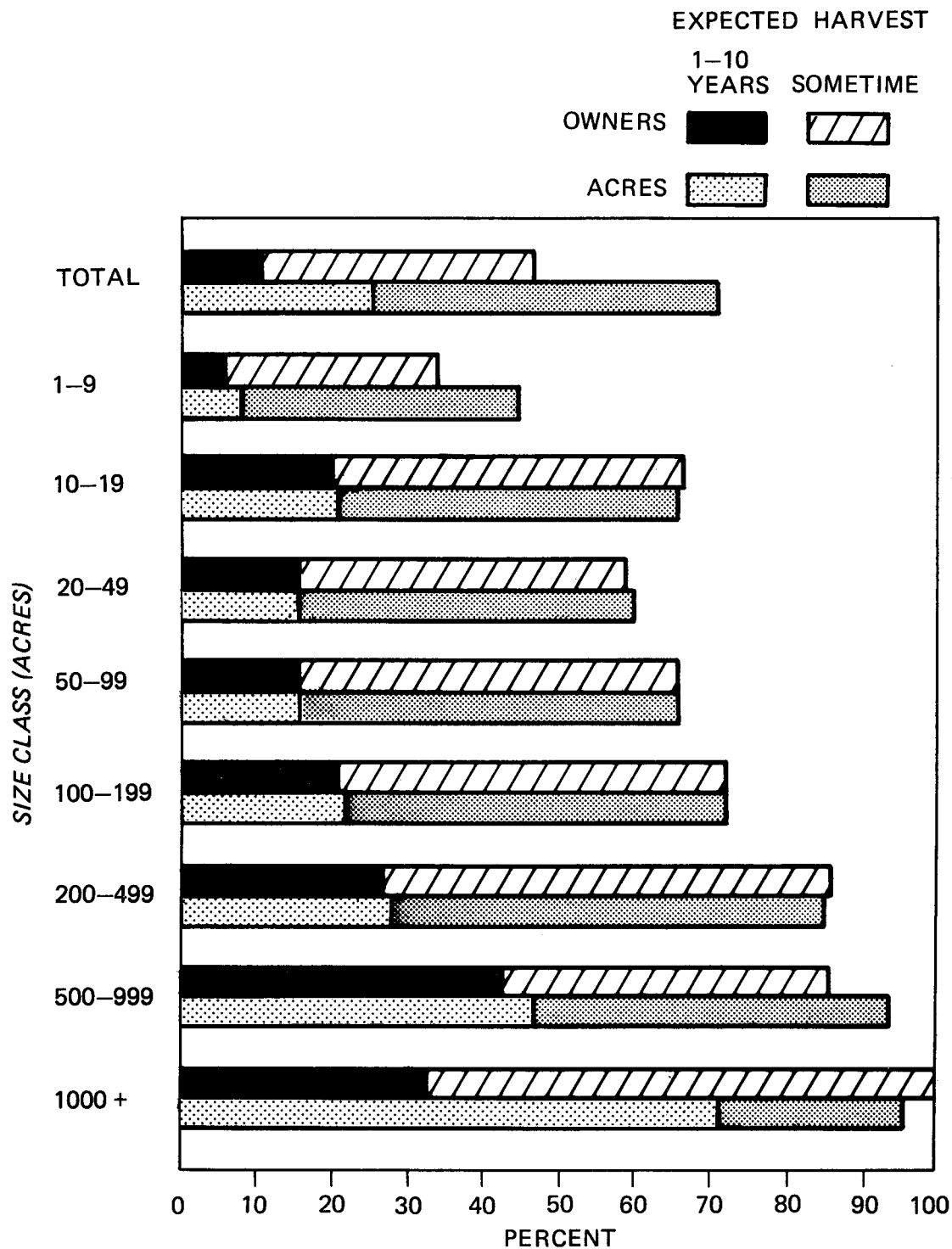
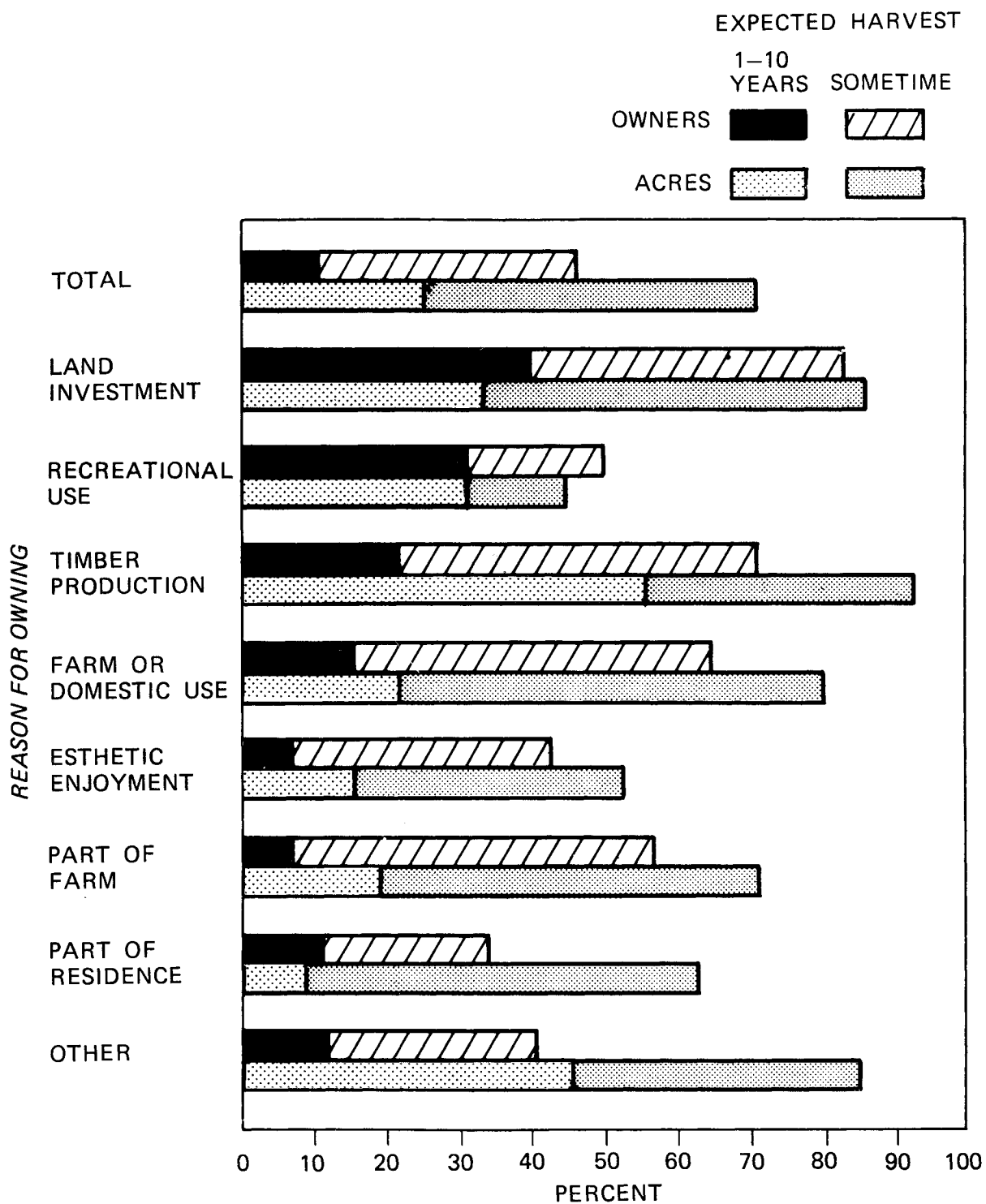


Figure 11. Percentage of owners and acreage owned by expected time of harvest and primary reason for owning forest land.



It should be noted that some owners who own forest land for timber production never intend to harvest it. This seeming contradiction is possible, for instance, in situations where the owner is interested in timber production but realizes that when his land is ready for the next harvest he will not own the land.

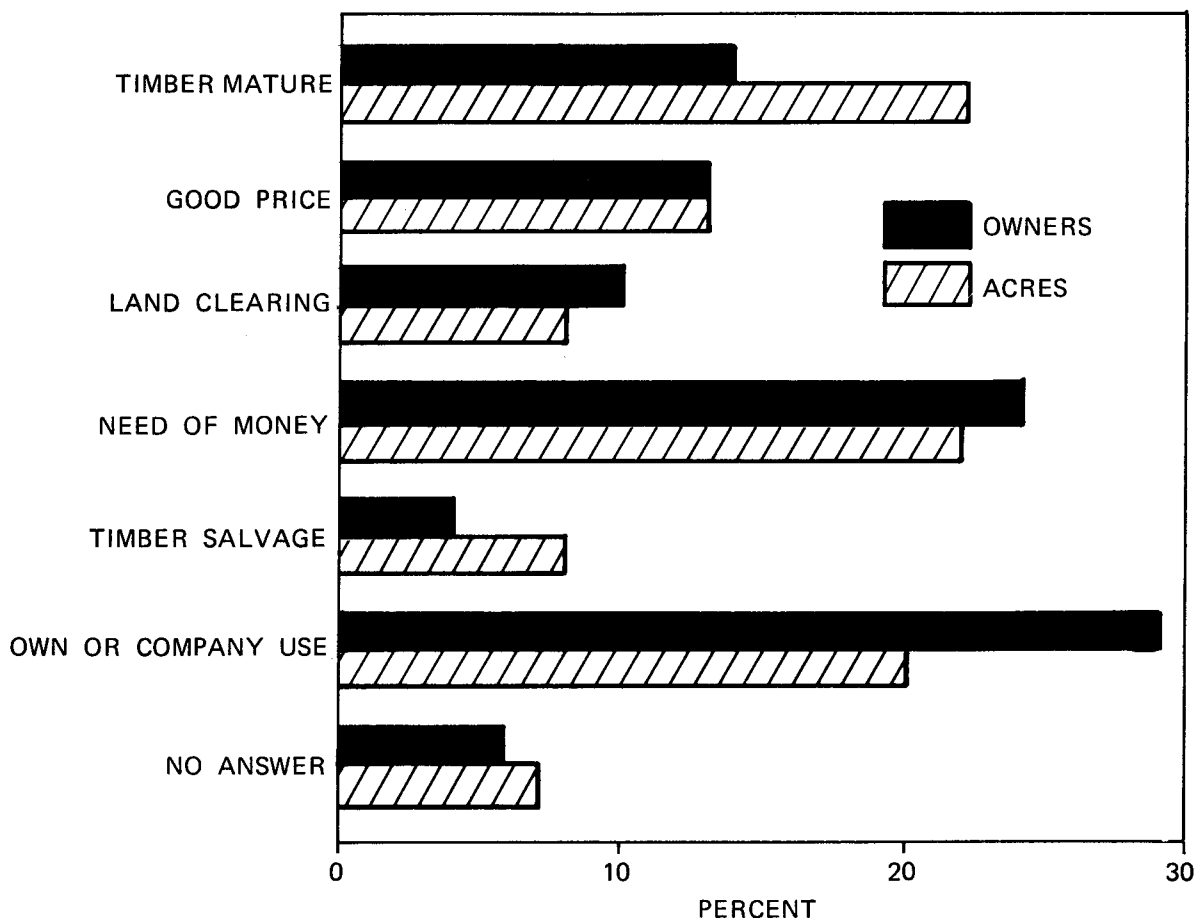
When we look at all three variables used to predict owner behavior, the intent to harvest is associated with them for quite a few owners. It appears that potential harvesters of Kentucky timber represent a rather broad cross section of the private forest-land owners of the State.

Why owners harvest timber

In Kentucky, 135,900 owners of private woodland have harvested timber. These owners hold 54 percent of the private commercial forest land

—5,970,600 acres. Twenty-nine percent of these have harvested timber for their own or company use, though they own only 20 percent of the woodland owned by harvesters (Fig. 12). Much of this acreage belongs to forest industries that hold timber for their own use. Owners who harvested because they need money accounted for 24 percent of the harvesters and they hold 22 percent of the land. Mature timber was mentioned next most often by owners who have harvested—14 percent—but these ownerships account for 22 percent of the harvested private land. This is not unexpected because the timber industry of Kentucky is sawlog-oriented, and the more mature the timber is, the better sawlog product it will produce. It is interesting to note that land clearing, the reason that 91 percent of the corporations harvested (generally coal companies that cut prior to strip mining), is relatively insignificant on a statewide basis. This

Figure 12. Percent of owners who have harvested and acres of commercial forest land owned, by reason for harvesting.



might be expected since the area of commercial forest land has been slowly increasing since 1949 (Kingsley and Powell 1978).

Why some owners do not harvest timber

Seventy percent—319,700—of the private owners of Kentucky woodland have not harvested timber from their 5 million acres of commercial forest land. Their average holding of 15.8 acres is slightly over one-third of the average holding of owners who have harvested (43.9 acres). This reinforces the point that owners with larger tracts of land are more likely to harvest than are owners with smaller tracts.

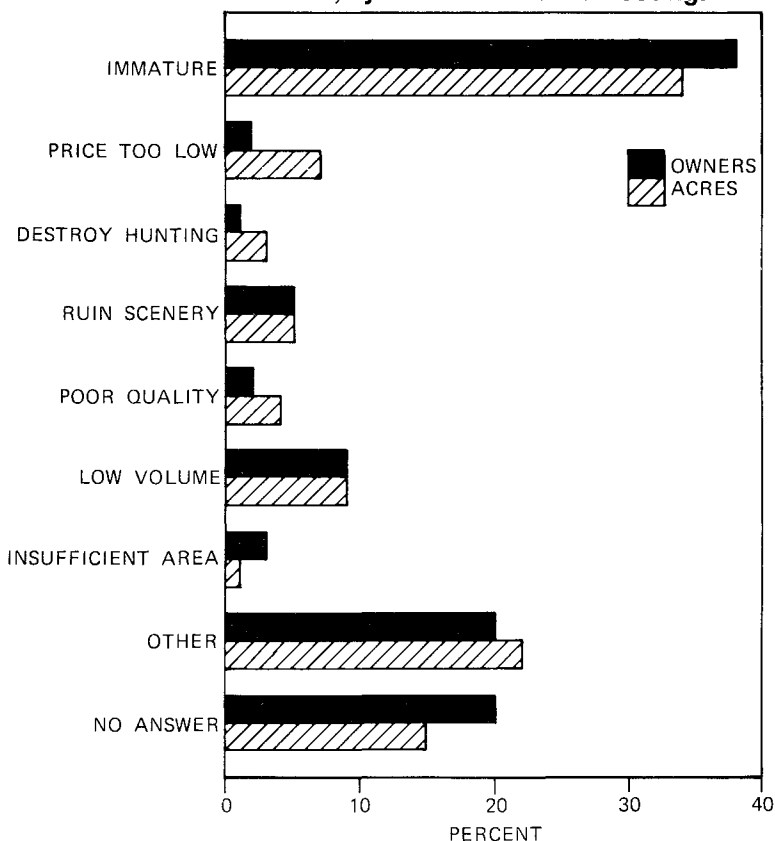
Immature timber was the most frequent reason given for not harvesting (Fig. 13). Thirty-eight percent of nonharvesters owning 1.7 million acres of forest land would give this reason. We feel that

most of these owners will be agreeable to harvesting once their timber reaches maturity. These owners make up nearly all of the nonharvesters who say that they intend to harvest.

Low volume was the next most often mentioned reason for not harvesting, accounting for both 9 percent of these owners and 9 percent of their land. This is another reason that does not preclude future harvests. Response by the remaining nonharvesters was rather evenly distributed over a dozen other reasons.

The other reasons included too low a price for timber, poor timber quality, low volume, insufficient area of forested land, and that cutting would destroy hunting or ruin scenery. Each reason accounted for less than 10 percent of the nonharvesting owners. From this, it would appear that few Kentucky forest-land owners are rigidly opposed to harvesting timber.

Figure 13. Percent of owners who have not harvested and acres of commercial forest land owned, by reason for not harvesting.



SOME ASPECTS OF LAND MANAGEMENT ON PRIVATE COMMERCIAL FOREST LAND

Selection of timber for harvesting

A majority of owners who have harvested timber—51 percent—stated that they were the ones who decided which area would be cut or how trees would be chosen for harvest. These owners control 2.9 million acres or 48 percent of the privately owned woodland on which harvesting took place. The next most frequent person to choose the timber on private woodlands was the actual buyer—30 percent of the owners who have harvested apparently allowed the buyer to take what he wanted.

As to the method of selection, 31 percent of the owners reported that their timber was harvested according to diameter limit. These owners account for 34 percent of the area held by those who harvest. In Kentucky, the use of the term diameter limit frequently means a minimum stump diameter as opposed to a minimum diameter at breast height. Thus, the method affords a convenient check on the timber operator. Individual-tree selection was the next most commonly used method, accounting for 16 percent of the owners and 17 percent of the land held. The third was land clearing, accounting for 10 percent of the owners and 8 percent of the land. Much of this land clearing was probably for farm fields and pastures.

Private landowners seldom employed foresters for timber selection. However, those who did—1 percent—hold 7 percent of the harvested woodland with an average ownership of 203 acres. It is interesting to note that the Kentucky Division of Forestry reports that the average acreage held by owners for whom they have marked timber is about 40 acres (personal correspondence with C. J. Lohr). The discrepancy between our estimate and the Kentucky Division of Forestry data may be because the largest owners in the State employ foresters on their staffs or use the services of private consulting foresters.

The products harvested

Sawlogs were by far the most common single product cut from private commercial forest land in Kentucky. Fifty-four percent of the harvesters said sawlogs were all that they cut on their 3.2 million acres of commercial forest land. This is not

surprising since the volume of sawlogs accounts for nearly three-fourths of the total harvest of Kentucky (Bones and Lohr 1977).

The next most common single product was veneer material. Six percent of the harvesters said this was their only product. Pulpwood was mentioned by 1 percent of the harvesters as being the product cut from their woodland. This was somewhat surprising since pulpwood accounts for 12 percent of the total volume of industrial roundwood harvested in the State (Bones and Lohr 1977).

Many owners who have cut timber—25 percent owning 1.7 million acres of commercial forest land—harvested a number of different products. The number of products ranged from two to four or more and included sawlogs, veneer logs, pulpwood, cooperage logs, posts, poles, and pilings. This indicates that many owners are interested in making the best use of the timber on their woodlands.

Forestry assistance

When asked what office, agency, or individual they would contact for forestry assistance, 18 percent of the private forest-land owners would reply county or state. Of the owners who knew of someone to contact, this was the most common response. However, the majority of owners do not know who to contact.

It is generally agreed that the future demands for timber will have to be met by increasing production in privately owned lands. Yet at present, state service foresters in Kentucky, as elsewhere, are having difficulty meeting requests for assistance promptly. Thus, if forest-land owners are to be encouraged to seek assistance, larger staffs of professional foresters will be needed to meet the increased demand.

Twenty-three thousand owners—5 percent—owning 1.8 million acres of private commercial forest land—16 percent—mentioned that they had received some form of forestry assistance. These owners received services primarily for planting, management plans, timber evaluation, timber marking, and timber stand improvement. Other less frequently received services included timber sales administration, insect and disease control, and surveying.

Public use

Thirty-nine percent of the owners—178,200—controlling 52 percent of the private commercial forest land—5.7 million acres—would permit some form of public use of their lands for recreation. Ranked in decreasing order of favor, the recreational activities include:

- hunting
- hiking
- picnicking
- fishing
- camping
- snowmobiling

More than 33 percent of Kentucky's private forest owners permit hunting on the 5,073,800 acres they control, and only 14 percent of Kentucky owners post their land. Those owners who post hold 2,086,800 acres or 19 percent of the private commercial forest land in the State. However, there is a substantial number of owners who control a large total acreage who neither post their land nor permit hunting or other recreational uses of their land. The reason for this is that in Kentucky, unlike most other states, an individual must have the written permission of the owner to use his land whether or not it is posted. Posting then becomes a way for the owner to say no before he is asked.

LANDOWNER INTERESTS

In an attempt to find out if private individuals who own forest land in Kentucky share any interests in conservation, we asked owners to check our list of such organizations or groups and indicate those that they were active members of. The results indicate that 331,900 or 78 percent of the individual owners are not members of any conservation group. These people own 6.6 million acres of commercial forest land. Only 6 percent listed groups that they were members of, and these were generally farm or sportsman-oriented organizations. This is not surprising since we have already seen that farmers and people interested in forest recreation are well represented as Kentucky forestland owners.

We also asked individual owners to check our list of conservation-oriented publications and to indicate those that they received. Once again, the highest percentage of them—54—said that they did not subscribe to any such publication. "Ken-

tucky Farmer" was the next most common answer, with 75,900 individuals—or 18 percent—subscribing. These people own 2.5 million acres of commercial forest land or 27 percent of the individual total. "Field and Stream" was the next most popular periodical listed, with 24,000 subscribers—6 percent—owning 837,000 acres of woodland.

While membership in organizations and subscriptions to magazines do not necessarily depict landowner interests, they do allow us to draw some general conclusions. Only a minority of individual woodland owners appears to be interested enough in some sort of natural resource conservation to belong to a conservation organization and/or subscribe to a conservation periodical. Most of these people, being farmers, are primarily interested in conservation of farm-related resources, such as soil and water. A number of others are more concerned with the wildlife resource on their woodlands. Only a very few indicate interest in conserving and managing the timber resource on their lands. So, when any interest is expressed in natural resource conservation by individuals owning Kentucky woodland, it centers much more on the nontimber forest resources.

CONSERVATION QUIZ

To learn how much individual owners of woodland know about conservation and forestry, we asked our respondents to indicate whether they thought 10 statements were true or false. We then estimated the responses for all individual owners in the State, and the percentages of the various responses are shown in Figure 14. The statements, the answers that professionals in these fields would give, and a discussion of the responses follow:

1. Conservation means that natural resources should be used wisely.

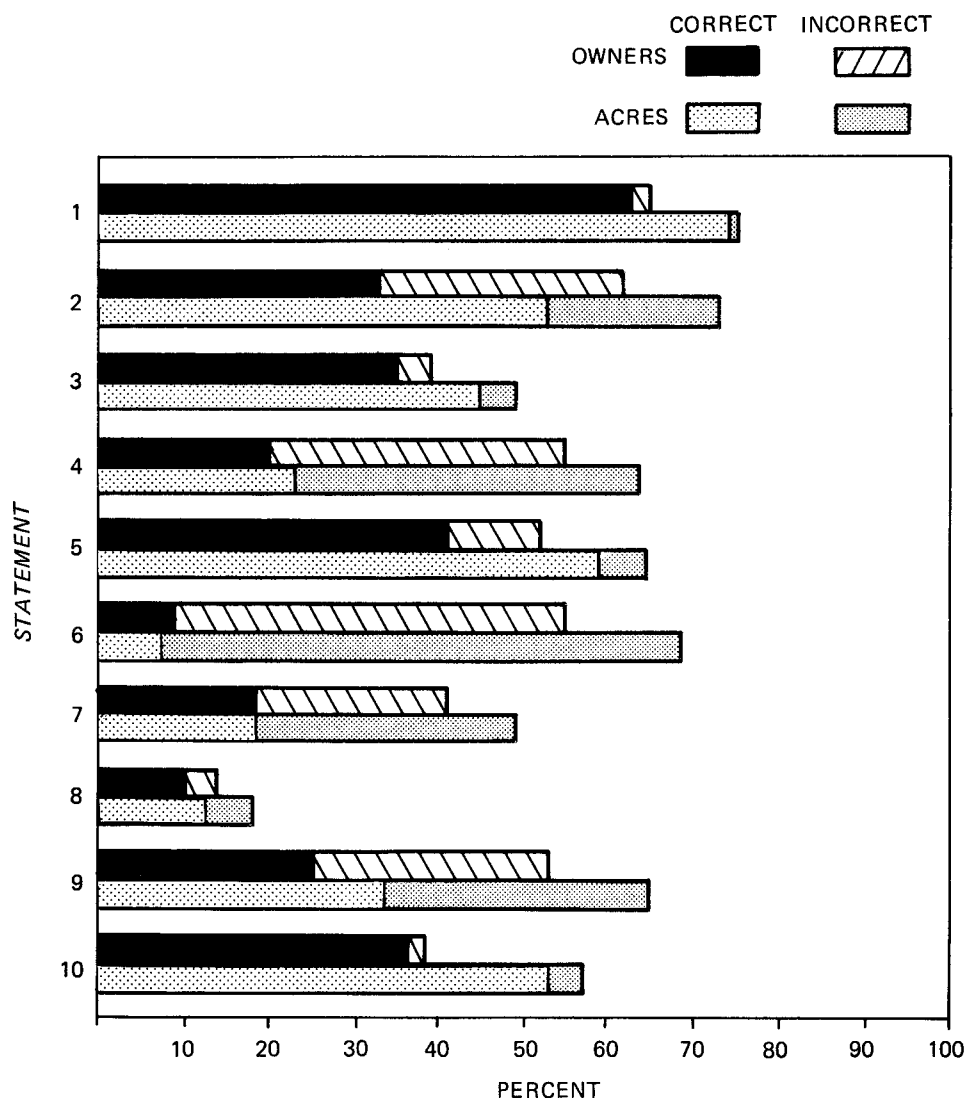
Answer. True

This would be answered correctly by 63 percent of the individual owners, the highest correct response of all 10 questions. Only 11 percent would say they did not know the answer, the lowest of this response for all 10 questions. This indicates that most of them share a basic knowledge of what conservation is.

2. Once a forest is cut it will not grow back unless planted.

Answer. False

Figure 14. Responses to true-false quiz by owners and acreage, in percent.



Only 33 percent would answer this correctly, and 29 percent would answer incorrectly. This indicates that few owners realize that practically all of the current stands of timber in Kentucky grew back naturally after the previous stands had been harvested. Very few stands have been regenerated by planting on commercial forest land in the State.

3. Sustained yield is an important forestry objective.

Answer. True

Only 35 percent would answer this correctly, but only 4 percent would say the statement is false. A great number will admit that they do not know, indicating that many people are not familiar with forestry objectives and terminology. Of those owners who attempted to answer the question, 90 percent answered correctly. See the appendix for the definition of sustained yield.

4. Clearcutting is always bad forestry.

Answer. False

Thirty-five percent would answer this incorrectly and 20 percent, correctly. This forestry practice has received much adverse publicity, and although it has been used incorrectly with detriment to the forest resources in some instances, when scientifically and properly applied, it is a sound and beneficial forestry tool. Since there appears to be much concern with nontimber forest resources, this may help to explain the response to this statement.

5. All forest land in the United States is managed.

Answer. False

More people would reply to this correctly—41 percent—than to any statement except number 1. There appears to be an awareness of the lack of forest management among Kentucky woodland owners. Most of them have to look no further than their own woodland to answer this correctly.

6. Selective logging is always good forestry.

Answer. False

This would be answered correctly only 9 percent of the time, and 46 percent of the people would believe this to be a true statement. More people answer this incorrectly than any other question. This is probably due to two things. One is that of all the logging methods used by the harvesters in Kentucky, diameter limit—considered a selective logging system by many Kentuckians—is the most commonly used. It is only natural that these people consider their harvesting practices as good forestry. Another is that many people view clearcutting as bad (see statement 4), so they reason that its opposite—selective logging—is good. Selective logging can often be good forestry. But in cases where clearcutting is the best practice to regenerate an entire stand, selective logging would likely be a poor forestry practice.

7. Commercial forest land is forest land that is owned by wood-using industries.

Answer. False

As for statement 4, more people—23 percent—would answer this incorrectly than correctly—18 percent. This is not surprising since the term is used primarily by the Forest Service, and it is not expected that many private individuals are familiar with it. See the appendix for the definition of commercial forest land.

8. An ecosystem is any complex of living organisms together with their environment that is isolated for study.

Answer. True

While more people would answer true—10 percent—than false—4 percent, an overwhelming majority of the people would admit that they don't know the correct answer. This is a rather scientific definition, and so it is not surprising to find that most of the individual owners are unfamiliar with this term.

9. A virgin forest is any forest of old or large trees.

Answer. False

Slightly more people would answer this incorrectly—28 percent—than correctly—25 percent. It appears that 75 percent of the individual owners do not understand that a virgin forest is one that has not been disturbed by man. Forests that were logged long ago and are now composed of large old trees may appear virgin, but technically are not.

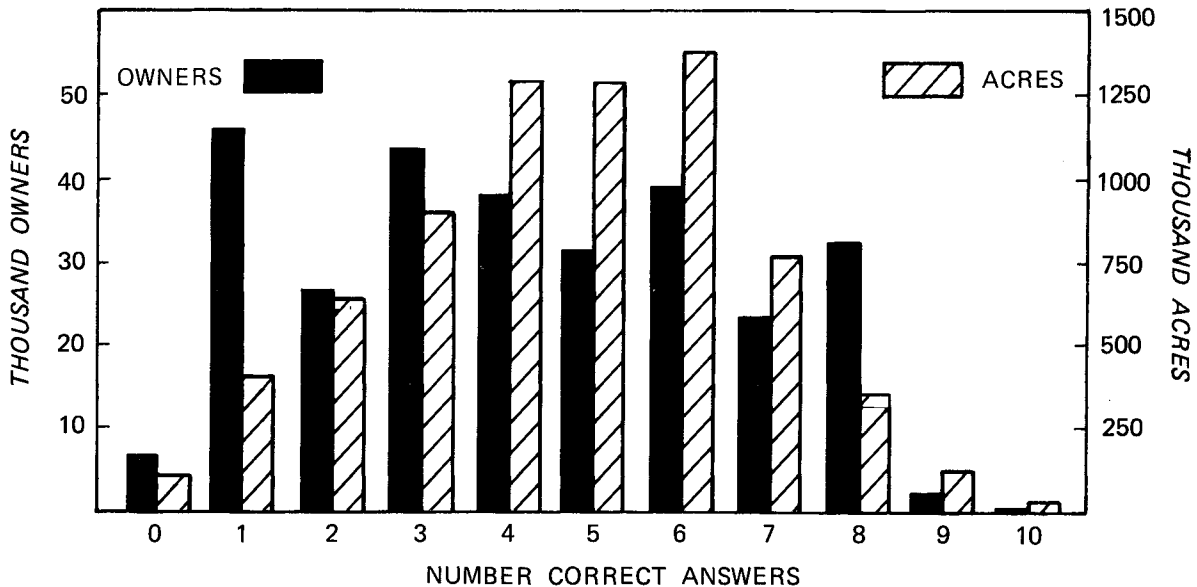
10. Stumpage price is the price paid for standing timber.

Answer. True

Only 2 percent would think that this is a false statement while 36 percent would consider it to be true, and 35 percent would say they did not know. While this does not tell us that a lot of people know what stumpage price is, it does indicate that very few individuals have wrong notions of this term, which is widely used by timber buyers and sellers.

If we were to grade forest-land owners in Kentucky based on the results of this quiz, the average score would be 42 percent. Forty-four percent would receive a score of 50 percent or better. The distribution of test scores was quite wide. We had respondents who replied incorrectly to all ten statements, and some who replied correctly to all of them (Fig. 15). While this little quiz was not designed to test woodland owners, it does indicate a great deal of misunderstanding or ignorance of certain forestry concepts. Much of this may be due to the unfamiliarity of forestry terms to the average forest-land owner. To be successful, foresters must be sure the landowner understands what he is talking about. It underscores the need to educate owners if even a fraction of the privately owned commercial forest land is to be managed for the production of renewable forest resources.

Figure 15. Estimated number of forest-land owners and acreage owned, by number of correct answers on conservation quiz.



CONCLUSIONS

If we view the privately owned commercial forest land of Kentucky as a source of some of the additional timber that will be in demand in the near future, there is reason to be both pessimistic and optimistic.

On the negative side, the thousands of small ownerships loom as a major stumbling block. With an average-size woodlot of less than 25 acres, the "average" owner is not apt to be serious in managing his land for timber production. Also, since 30 percent of the individual owners have held their woodland for fewer than 10 years, it will be difficult to sustain management for the long time needed to produce a crop of mature timber if the ownership changes hands often during the timber rotation.

Another problem is the owner's lack of interest in and understanding of forestry. Only 5 percent of the owners have received forestry assistance, only 1 percent who have cut timber had that timber selected by a forester, and most landowners have no idea who to contact for forestry assistance. There is little interest among owners in subscribing to conservation publications and even less in belonging to a conservation organization. Those few who show some interest in conservation appear to be concerned more with nontimber forest resources. There is also much misunder-

standing and confusion about forestry practices among landowners, and yet these are the very people who will be likely to determine which areas and which trees will be harvested should they decide to cut.

Although things do not appear encouraging for forest management of private woodlands, there are reasons to be optimistic about their potential timber production. By and large, few owners are opposed to harvesting timber from their land. The owners of 54 percent of the private commercial forest land in Kentucky have harvested timber before and may do so in the future. Indeed, 47 percent of the owners holding 71 percent of the private woodland say that they may harvest sometime in the future. Even many owners who expect intangible benefits from their woodland, such as recreational use or esthetic enjoyment, are not opposed to cutting timber.

These facts describe two aspects of private ownerships:

1. The timber resource is underutilized on Kentucky private woodlands.
2. The woodland owners in Kentucky are generally not opposed to cutting their timber.

Through the leadership of professional foresters, if the owners can be educated so that these facts are understood to be complementary, then these privately owned woodlands may be realistically viewed as a potential source of supply to meet ever-increasing demand for wood and fiber.

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APPENDIX

Study method

The sampling scheme used in this study was derived from the one used in the Forest Survey by the Northeastern Station. Resources Evaluation field crews attempted to obtain the correct name and mailing address of the owner of each of the 1,518 privately owned forested field plots in the State. These plots are uniformly distributed within each survey unit. The field crews obtained usable addresses of owners for more than 90 percent of the field plots. A total of 1,460 questionnaires were mailed to owners of commercial forest land in Kentucky; 1,052 were returned with usable information.

The questionnaire was developed after several earlier ownership studies were investigated and other investigators consulted. It was field tested before the mass mailing. The mailing consisted of the questionnaire and a covering letter that explained the purpose of the survey. Approximately 2 weeks after the first mailing, a post card was sent to each addressee to remind those who had not responded to return the questionnaire, and to thank those who had sent theirs in. One week later, nonrespondents were mailed a second copy of the questionnaire and the covering letter plus a second letter urging their cooperation. Approximately 1 month later, 531 owners had responded. Then a 100 percent field canvass of nonrespondents was undertaken by personnel of the Division of Forestry, Kentucky Department of Natural Resources. This resulted in an additional 521 usable questionnaires. The 1,052 questionnaires represented 1,104 of the privately owned forested field plots—73 percent.

The probability that a forest-land owner will be sampled depends on the rate of sampling and the acreage of commercial forest land he owns. Each unit in Kentucky had a different rate of sampling. The State forestry organization has divided the State into nine districts. The districts do not match

the Forest Survey units. Each district had a different rate of success in persuading nonrespondents to reply. Both the survey rate of sampling and the district success rate affect the probability of an owner being included in the final tabulation. The combinations of units and districts produced 19 sampling areas in Kentucky.

The total acreage of commercial forest land in private ownerships was obtained from the Forest Survey. To calculate the area represented by each plot, the total area of privately owned commercial forest land in each sampling area was divided by the number of field plots represented by the valid questionnaires. In Kentucky, the identification of very large holdings produced a response bias. A response bias is the discrepancy between the "true value" being measured and the expected survey result. For owners of more than 30,000 acres, the estimated acreage exceeded their actual holdings by over 10 percent. To correct this bias, all owners of more than 30,000 acres were handled as an enumeration. Their reported acreages were considered to be without error, and were subtracted from the total commercial forest land in the sampling area. The probabilities of the remaining responses were then calculated on this smaller area.

Since the sampling scheme is essentially the one used for the Forest Survey, there is a low probability of inclusion for owners of small parcels of woodland. To estimate the total number of persons who own commercial forest land in Kentucky, it was necessary to weight the numbers of owners obtained in the samples. This procedure can be stated as:

$$N = \frac{CFL_p}{N_r} \sum \frac{1}{A_i}$$

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

CFL_p = the acres of privately owned commercial forest land in the sampling area.

N_r = number of respondents in the sampling area.

A_i = acres owned by individual respondent.

The ΣN then equals the estimated number of private owners in the State. This is an unbiased estimate of the total number of persons who own commercial forest land in Kentucky.

The data were processed and compiled by computer, using FINSYS generalized computer system (Wilson and Peters 1967).

Except for the holdings of more than 30,000 acres, the acreage of commercial forest land was estimated in a manner similar to that used in the Forest Survey: The area of privately owned land in each sampling area was divided by the number of field plots represented. Thus, if a particular respondent owned land on which one forested plot was located, his response was given a weight of one, if two plots were owned a weight of two or double the acreage, and so on.

It was also necessary to determine if those questionnaires obtained through the mail and those obtained by the field follow-up were samples of the same population. The hypothesis tested was that there was no significant difference in the mean acreage of the subsamples. Student's *t*-test showed no significant difference at the 99 percent probability level.

Because this study encompasses 19 sampling areas, data have been aggregated to the Forest

Survey units. The following tabulation shows the pertinent data for each unit:

Unit	Number of usable questionnaires	Number of survey plots	Average acreage per plot
Eastern	87	100	18,006
North Cumberland	158	170	10,259
South Cumberland	195	201	8,645
Bluegrass	129	132	9,915
Pennyroyal	227	233	8,692
Western Coalfield	163	173	10,514
Western	93	95	6,014
Total	1,052	1,104	9,970

Sampling errors

Sampling errors were calculated for the estimated total number of forest-land owners in each unit and for the combined total. The sampling error for the number of acres of commercial forest land in private ownership was calculated as part of the Forest Survey. The user of these data is cautioned that, as the size of any estimate decreases in relation to the total unit estimate, the sampling error, expressed as a percent of the estimate, increases drastically.

The inclusion of small woodland parcels (fewer than 10 acres) in the study population substantially increases the sampling error for the estimated number of owners.

Sampling errors

Unit	Acres of private commercial forest land	Number of owners of private commercial forest land	Number of owners of more than 9 acres
Eastern	± 58,000(± 3.22%)	± 17,100(± 28%)	± 3,000(± 12%)
North Cumberland	± 55,500(± 3.18%)	± 9,600(± 18%)	± 2,000(± 7%)
South Cumberland	± 59,400(± 3.42%)	± 10,200(± 15%)	± 3,100(± 11%)
Bluegrass	± 41,600(± 3.18%)	± 14,200(± 19%)	± 2,900(± 11%)
Pennyroyal	± 54,400(± 2.68%)	± 15,500(± 18%)	± 3,000(± 7%)
Western Coalfield	± 30,400(± 1.67%)	± 19,200(± 22%)	± 3,000(± 9%)
Western	± 30,100(± 5.26%)	± 5,000(± 20%)	± 1,000(± 10%)
Total	± 128,900(± 1.17%)	± 36,300(± 8%)	± 7,100(± 4%)

Questionnaire

NE FOREST EXPERIMENT STATION
FOREST SERVICE, U.S. DEPARTMENT OF AGRICULTURE

OMB 40-R-3941

NORTHEASTERN WOODLAND OWNERSHIP STUDY

State _____

County _____

Plot _____

Please complete the following questions to the best of your knowledge. Where actual data are not available please use your best estimate. Please be assured your answers will be held strictly confidential. If you do not now own woodland, please answer questions 1 and 2 and return the questionnaire.

1. How much land do you now own? (Include woodlands, pasture, cropland, etc., but exclude individual house lots.) Acres _____
2. Of all of the land you own how much is woodland? Acres _____ or percent _____
3. Is all of the woodland you own in one state?
Yes _____ What state? _____
No _____ My woodlands are in more than one state as follows:
_____ acres in _____ (state)
_____ acres in _____ (state)
_____ acres in _____ (state)
_____ acres in _____ (state)
4. How many individual tracts or parcels of woodland do you own? Number _____
5. In what year did you first acquire woodland? Year _____

6. How did you acquire the major portion of the woodland you now own?

Purchase	1.	_____
Inheritance	2.	_____
Other	3.	_____

7. In which one of the following ownership categories does the major portion of your woodland holdings fall? (Please check only one.)

	<u>Check one</u>
Individual (include husband and wife)	1. _____
Joint ownership	2. _____
Undivided estate	3. _____
Partnership	4. _____
Corporation	5. _____
Club or association	6. _____
Other	7. _____

8. If the ownership is a partnership, corporation, club or association, what is the nature of the business or organization?

Please indicate the title of the person completing this questionnaire.

9. What is the approximate road mileage from your home to your nearest and furthest tract of woodland? (For businesses or organizations consider "home" to mean place of business, or location of organization.)

Miles to the nearest tract (enter zero if you live on the tract). _____

Miles to the furthest tract. _____

10. How many times have you or your representative visited your nearest and furthest tract of woodland in the last 12 months?

Number of visits to the nearest tract _____

Number of visits to the furthest tract _____

11. Which statement most accurately describes your woodland?

Check one

- a. Most of the trees are sugar (hard) maple, beech, and yellow birch. _____
- b. Most of the trees are red (soft) maple, elm, and ash. _____
- c. Most of the trees are oaks, hickories, gums, and yellow-poplar. _____
- d. Most of the trees are pines. _____
- e. Most of the trees are softwoods other than pines. _____
- f. None of the above apply. Please describe your woodland briefly: _____

g. I do not know what kinds of trees are on my land. _____

12. Which statement most accurately describes average size of the trees in your woodland?

Check one

- a. The average tree is 5 inches in diameter or smaller. _____
- b. The average tree is between 5 and 12 inches in diameter. _____
- c. The average tree is 12 inches in diameter or larger. _____
- d. I don't know how big the trees are. _____

13. Have you ever harvested timber or trees from your land?

Yes 1. _____ No. 2. _____

NOTE: IF YOU HAVE NEVER HARVESTED TIMBER OR TREES FROM YOUR WOODLAND SKIP TO QUESTION 22.

14. In what year did the most recent timber harvest take place? _____

15. What percent of your woodland was involved in the most recent timber sale? _____

16. What percent, if any, of your woodland do you feel you would never harvest timber from? _____

17. What products were harvested? (Check as many as apply.)

	<u>Check</u>		<u>Check</u>
Sawlogs	1. <u> </u>	Mine timbers	6. <u> </u>
Veneer logs or bolts	2. <u> </u>	Christmas trees	7. <u> </u>
Pulpwood	3. <u> </u>	Other (please specify) <u> </u>	8. <u> </u>
Turnery bolts	4. <u> </u>	Don't know what products	
Posts, poles, or piling	5. <u> </u>	were harvested	9. <u> </u>

18. Please indicate amounts of products harvested.

<u>Product</u>	<u>Amount</u>	<u>Unit of measure</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

19. How were your trees selected for harvesting? (Please check only the method that accounted for the greatest volume, if more than one method was used.)

	<u>Check one</u>
Selection (only preselected market trees were removed).	1. <u> </u>
Diameter limit (only trees over a minimum diameter were removed). Please indicate minimum diameter <u> </u>	2. <u> </u>
Clearcutting (most or all of the trees on a given area were removed).	3. <u> </u>
Land clearing (trees were harvested incidental to clearing the land for a use other than woodland).	4. <u> </u>
Other (please specify) <u> </u>	5. <u> </u>
Don't know method used.	6. <u> </u>

20. Who selected the area or trees to be harvested?

Check one

- | | |
|-----------------------------------|-------|
| 1. Landowner | _____ |
| 2. Forester | _____ |
| 3. Friend or neighbor | _____ |
| 4. Timber buyer or logger | _____ |
| 5. Combination of _____ and _____ | _____ |

21. If you did not have the assistance of a forester in the harvesting of your timber, do you now wish you had?

Check

- | | |
|-----------------------|-------|
| Yes | _____ |
| No | _____ |
| No feeling either way | _____ |
| If yes, why _____ | _____ |

22. Why did you harvest timber at the time that you did?
(Check only the one reason you consider most important.)

Check one

- | | |
|---|----------|
| Felt timber was mature | 1. _____ |
| Offered a good price | 2. _____ |
| Land clearing | 3. _____ |
| Needed money | 4. _____ |
| Needed timber for own use | 5. _____ |
| Timber harvest for company use
(industry only) | 6. _____ |
| Other (please specify) _____ | 7. _____ |

23. If you have never harvested timber or trees from your land, why not?
(Please check only the reason you consider most important).

	<u>Check one</u>
Woodland immature - timber too small	1. _____
No market for timber	2. _____
Price offered or prevailing market price too low	3. _____
Value of land for hunting would be destroyed	4. _____
Selling or plan to sell the land	5. _____
Scenery would be destroyed	6. _____
Land tied up in estate	7. _____
Distrust of loggers	8. _____
Opposed to timber harvesting	9. _____
Poor quality timber	10. _____
Not enough volume	11. _____
Logging would create a fire hazard	12. _____
Insufficient area to harvest	13. _____
Other (please specify) _____	14. _____

24. Do you plan to harvest timber from your woodlands in:

	<u>Check one</u>
Next 5 years	1. _____
5 to 10 years	2. _____
Possibly at some future date	3. _____
Never plan to harvest	4. _____

25. Have you ever sought the assistance of a forester for advice or help in managing your woodland?

Yes _____ Please indicate the nature of assistance. _____

No _____

26. What office, agency, or individual would you contact for forestry assistance? (If you don't know, please write in "don't know.")
-

27. Why do you own woodland? (Please rank in order of importance those items that are applicable, with number 1 the most important.)

Rank

Land investment (hope to sell all or part of my woodland at a profit). _____

Recreation (hunting, camping, fishing, etc.). _____

Timber production (growing timber or other forest products for sale). _____

Farm or domestic use (source of forest products for own use, i.e., firewood, fence posts, etc.). _____

Aesthetic enjoyment (the desire to have woodland and "green space" around my home). _____

Part of the farm (the woodland is part of the farm but serves no useful function in the farm operation). _____

Part of my residence. _____

Other (please specify) _____

28. Which of the following do you feel were the most important benefits you derived from your woodland in the last 5 years? (Please rank in order of importance those items that are applicable, with number 1 the most important.)

Rank

Increase in land value (investment). _____

Recreation (hunting, fishing, camping, etc.). _____

Income from the sale of timber. _____

Aesthetics (just enjoy woodland, wildlife, and the general satisfaction of owning "green space"). _____

Farm and domestic use. _____

Other (please specify) _____

29. Which of the following do you feel will be the most important benefits you expect to derive from your woodland in the next 5 years? (Please rank in order of importance those items that are applicable, with number 1 the most important.)

	<u>Rank</u>
Increase in land value (investment).	_____
Recreation (hunting, camping, etc.).	_____
Income from sale of timber.	_____
Aesthetics (just enjoy woodland, wildlife, and the general satisfaction of owning "green space").	_____
Farm or domestic use.	_____
Other (please specify) _____	_____

30. Is the general public, other than your family and immediate circle of friends, permitted to use your woodland for any of the following?

	<u>Check</u>
Hiking	1. _____
Picnicking	2. _____
Camping	3. _____
Fishing (check only if fishing is available)	4. _____
Hunting	5. _____
Snowmobiling	6. _____
Other (Please specify)	7. _____
Public use not permitted	8. _____

31. Is your land posted?

No _____, go to next question.

Yes _____, why is it posted? _____

32. Have you been approached to sell all or part of your woodland in the last five years?

Yes _____ No _____

33. Are you an active member of any of the following organizations?
(Please check those you are a member of.)

	<u>Check</u>
American Forestry Association	1. _____
Ohio Forestry Association	2. _____
Pennsylvania Forestry Association	3. _____
Isaac Walton League	4. _____
Audubon Society	5. _____
Natural History Society	6. _____
National Wildlife Federation	7. _____
A Sportsman's Club	8. _____
A Garden Club	9. _____
National Farmer's Organization	10. _____
The Grange	11. _____
The American Tree Farm Program	12. _____
The Sierra Club	13. _____
Any other organizations similar to those listed above	14. _____
(Please specify) _____	
No, I don't hold membership in any of the above.	15. _____

34. Do you or any member of your household subscribe to any of the following magazines? (Please check those that apply.)

	<u>Check</u>
Tree Farm News	1. _____
American Forests	2. _____
National Wildlife	3. _____
Forest Farmer	4. _____
Ohio Woodlands	5. _____
Pennsylvania Forests	6. _____
Pennsylvania Game News	7. _____
Audubon Magazine	8. _____
National Parks and Recreation	9. _____
Field and Stream	10. _____
Sports Afield	11. _____
Kentucky Farmer	12. _____
Agway Cooperator	13. _____
Ranger Rick Nature Magazine	14. _____
Our Heritage	15. _____
Forests and People	16. _____
Ohio Farmer	17. _____
Maryland Conservation	18. _____
West Virginia Conservation	19. _____
Pennsylvania Farmer	20. _____
Any other magazine similar to those listed above	21. _____
(Please specify) _____	
No, I don't subscribe to any of the above magazines.	22. _____

35. Please indicate whether each of the following statements is true or false.
If you feel you don't know, don't guess, please check "Don't Know" column.

	<u>True</u>	<u>False</u>	<u>Don't Know</u>
a. Conservation means that natural resources should be used wisely.	_____	_____	_____
b. Once a forest is cut it will not grow back unless planted.	_____	_____	_____
c. Sustained yield is an important forestry objective.	_____	_____	_____
d. Clearcutting is always bad forestry.	_____	_____	_____
e. All forest land in the United States is managed.	_____	_____	_____
f. Selective logging is always good forestry.	_____	_____	_____
g. Commercial forest land is forest land that is owned by wood-using industries.	_____	_____	_____
h. An ecosystem is any complex of living organisms together with their environment that is isolated for study.	_____	_____	_____
i. A virgin forest is any forest of old or large trees.	_____	_____	_____
j. Stumpage price is the price paid for standing timber.	_____	_____	_____

The following questions are asked to classify responses on the basis of information about the owner personally. Again, we would remind you that the answers to these questions, and to any other questions on this questionnaire are strictly confidential. All answers will be compiled in such a manner that it will be impossible to identify any individual reply.

These questions do not pertain to and should not be answered by corporations and organizations.

If the woodland is owned by more than one person, the following questions should be answered for the person to whom the questionnaire is addressed.

36. During the first 12 years of the owner's life where did he live most of the time?

Check one

- | | |
|---|----------|
| In a city with a population of 100,000 or more | 1. _____ |
| In a city with a population of 10,000 to 99,999 | 2. _____ |
| In a town or city with a population of less than 10,000 | 3. _____ |
| In a rural area | 4. _____ |
| On a farm | 5. _____ |

37. What is the sex of the owner?

Male _____ Female _____

38. What is the age of the owner?

Check one

- | | |
|-------------|----------|
| Under 25 | 1. _____ |
| 25-44 | 2. _____ |
| 45-64 | 3. _____ |
| 65 and over | 4. _____ |

39. How many years of formal education has the owner completed?

Check one

- | | |
|---|----------|
| Grades 1- 8 | 1. _____ |
| Grades 9-12 | 2. _____ |
| Has some schooling beyond high school (business
technical school, or some college) | 3. _____ |
| Has a bachelor's degree or equivalent | 4. _____ |
| Has some graduate work | 5. _____ |
| Holds a master's degree | 6. _____ |
| Holds a doctoral degree | 7. _____ |

40. What is the primary occupation of the owner? _____

41. In which category would the owner's personal gross income from all sources fall?

Check one

- | | |
|----------------------|----------|
| Less than \$10,000 | 1. _____ |
| \$10,000 to \$14,999 | 2. _____ |
| \$15,000 to \$19,999 | 3. _____ |
| \$20,000 to \$24,999 | 4. _____ |
| \$25,000 to \$29,999 | 5. _____ |
| \$30,000 or more | 6. _____ |

42. Comments?

Definition of terms

Average annual net growth of growing stock.

The change (resulting from natural causes) in volume of sound wood in sawtimber and poletimber trees during the period between surveys, divided by the length of the period. Components of annual net growth of growing stock include the increment in net volume of trees present at the beginning of the period and surviving to its end, plus net volume of trees reaching poletimber size during that period, minus the net volume of trees that died during the period, minus cull increment (the net volume of trees that became rough or rotten during the period).

Board foot. A unit of lumber measurement 1 foot long, 1 foot wide, and 1 inch thick, or its equivalent. By Resources Evaluation convention, softwoods less than 9.0 inches in dbh and hardwoods less than 11.0 inches in dbh do not contain board-foot volume.

Clearcutting. The method of regenerating timber in which the area is cut clear in the literal sense of the word; virtually all the trees, large and small, are removed. The term is often erroneously applied to any type of cutting in which all the merchantable timber is removed and all that is not merchantable is left standing.

Commercial forest land. Forest land that is producing or capable of producing crops of industrial wood (more than 20 ft³/acre/year) and that is not withdrawn from timber utilization. (Industrial wood is all roundwood products except fuelwood.)

Diameter limit. The method of regenerating timber in which all trees above a specified diameter are removed.

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

Forest land. Land that is at least 16.7 percent stocked (contains at least 7.5 ft² of basal area) by forest trees of any size, or that formerly had such tree cover and is not currently developed for non-forest 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.

Growing-stock trees. Live trees of commercial

species that are classified as sawtimber, poletimber, saplings, and seedlings; that is, all live trees of commercial species except rough and rotten trees.

Growing-stock volume. Net volume, in ft³, of growing-stock trees that are 5.0 inches in dbh or larger, from a 1-foot stump to a minimum 4.0-inch top diameter outside bark of the central stem.

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

Private commercial forest land. All commercial forest land other than that owned by Federal, state, or local governments or their agencies.

Pulpwood. Any log from which woodpulp is to be made; usually measured in bolts of 4, 5, or 8 feet, and somewhat smaller in diameter than sawlogs or veneer logs.

Sawlog. Any log from which lumber is to be sawn.

Sawtimber trees. Live trees of commercial species: (a) that are of the following minimum diameter at breast height: softwoods, 9.0 inches and hardwoods 11.0 inches, and (b) that contain at least one 12-foot or two noncontiguous 8-foot merchantable sawlogs, and that meet regional specifications for freedom from defect.

Sawtimber volume. Net volume in board feet, International 1/4-inch rule, of merchantable sawlogs in live sawtimber trees. Net volume equals gross volume less deductions for rot, sweep, and other defects that affect use for lumber.

Selection system. The method of regenerating timber in which trees of all sizes are harvested. However, in practice, frequently only the oldest or largest trees in a stand are harvested. Trees are taken singly or in small groups, but the entire stand is never cleared completely in a single operation.

Softwoods. Coniferous trees, usually evergreen, with needles or scalelike leaves.

Stand. A growth of trees on forest land.

Timber removals. The volume of growing-stock or sawtimber trees harvested or killed in logging or in cultural operations such as timber stand improvement, land clearing, or changes in land use.

Timber salvage. Removals of down, damaged, or diseased trees.

Veneer log. Any log from which veneer is to be made, by peeling (rotary cutting) or slicing.

Metric equivalents of units used in this report

One inch = 25.4 millimeters (mm) or 2.54 centimeters (cm)

One foot = 30.48 centimeters (cm) or 0.3048 meters (m)

One mile = 1.609 kilometers (km)

One square foot (ft²) = 929.03 square centimeters (cm²) or 0.0929 square meters (m²)

One acre = 4,046.873 square meters (m²) or 0.4046873 hectares (ha)

Million acres = 404,687.3 hectares (ha)

One cubic foot (ft³) = 28,317 cubic centimeters (cm³) or 0.028317 cubic meters (m³)

Thousand cubic feet (ft³) = 28.317 cubic meters (m³)

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Size class (acres)	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
1-9	34,300	58	26,400	48	38,700	58	48,800	66
10-19	2,600	4	3,400	6	8,100	12	10,300	14
20-49	17,000	28	13,900	26	11,800	18	7,900	11
50-99	4,300	7	7,000	13	5,300	8	4,200	6
100-199	1,300	2	2,500	5	2,200	3	2,500	3
200-499	600	1	900	2	700	1	500	**
500-999	*	**	100	**	100	**	100	**
1000+	100	**	*	**	100	**	*	**
Total	60,200	100	54,200	100	67,000	100	74,300	100
ACRES OWNED								
1-9	108,500	6	89,100	5	138,300	8	163,400	13
10-19	39,600	2	52,400	3	95,000	5	120,000	9
20-49	511,100	28	419,200	24	345,400	20	215,100	17
50-99	293,700	16	439,500	25	362,600	21	279,900	21
100-199	152,500	9	329,600	19	285,000	17	292,400	22
200-499	153,200	9	232,700	13	224,500	13	136,900	10
500-999	39,600	2	61,000	4	77,700	4	37,700	3
1000+	502,400	28	120,600	7	209,100	12	63,400	5
Total	1,800,600	100	1,744,100	100	1,737,600	100	1,308,800	100
Size class (acres)	Pennyroyal		Western Coalfield		Western		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
1-9	46,700	54	52,200	60	13,900	57	261,000	57
10-19	17,100	19	13,200	15	3,400	14	58,100	13
20-49	14,700	17	13,000	15	3,900	16	82,200	18
50-99	5,500	6	6,100	7	2,100	9	34,500	8
100-199	2,600	3	1,900	2	700	3	13,700	3
200-499	1,300	1	900	1	200	1	5,100	1
500-999	100	**	200	**	100	**	700	**
1000+	100	**	*	**	*	**	300	**
Total	88,100	100	87,500	100	24,300	100	455,600	100
ACRES OWNED								
1-9	121,700	6	133,100	7	51,800	9	805,900	7
10-19	219,200	11	155,600	8	46,000	8	727,800	7
20-49	443,900	21	366,500	20	121,000	21	2,422,200	21
50-99	337,200	17	374,800	21	126,700	23	2,214,400	20
100-199	317,300	16	245,600	14	97,900	17	1,720,300	16
200-499	378,100	19	237,500	13	46,100	8	1,409,000	13
500-999	64,000	3	113,200	6	28,800	5	422,000	4
1000+	143,800	7	192,700	11	53,000	9	1,285,000	12
Total	2,025,200	100	1,819,000	100	571,300	100	11,006,600	100

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 2.—Estimated number of private owners of commercial forest land and acres owned, by form of ownership and geographic unit, Kentucky, 1975

Form of ownership	Owners		Commercial forest land owned		Owners who have harvested	Acres owned by harvesters
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
EASTERN						
Individuals	53,000	88	1,192,800	66	28	30
Corporations	500	1	453,300	25	**	22
Partnerships	—	—	—	—	—	—
Undivided estate	6,700	11	154,500	9	**	2
Other	—	—	—	—	—	—
Total	60,200	100	1,800,600	100	28	54
NORTHERN CUMBERLAND						
Individuals	52,300	96	1,528,000	88	17	36
Corporations	**	**	118,400	7	**	6
Partnerships	100	**	19,500	1	**	1
Undivided estate	1,700	4	69,600	4	2	2
Other	100	**	8,600	**	**	**
Total	54,200	100	1,744,100	100	19	45
SOUTHERN CUMBERLAND						
Individuals	62,200	93	1,519,800	87	24	47
Corporations	100	**	96,800	6	**	5
Partnerships	300	**	25,900	1	**	**
Undivided estate	4,400	7	86,400	5	2	3
Other	*	**	8,700	1	**	1
Total	67,000	100	1,737,600	100	26	56
BLUEGRASS						
Individuals	72,600	98	1,158,500	89	28	40
Corporations	100	**	31,200	2	**	2
Partnerships	1,300	2	57,600	4	**	1
Undivided estate	300	**	61,500	5	**	2
Other	—	—	—	—	—	—
Total	74,300	100	1,308,800	100	28	45
PENNYROYAL						
Individuals	81,600	93	1,850,400	91	28	56
Corporations	500	1	51,800	3	**	2
Partnerships	3,900	4	80,200	4	2	2
Undivided estate	1,100	1	17,400	1	**	**
Other	1,000	1	25,400	1	**	**
Total	88,100	100	2,025,200	100	30	60

CONTINUED

Table 2.—Continued

Form of ownership	Owners		Commercial forest land owned		Owners who have harvested	Acres owned by harvesters
	Number	Percent	Acres	Percent	Percent	Percent
WESTERN COALFIELD						
Individuals	81,900	93	1,478,300	81	32	42
Corporations	1,400	2	230,900	12	1	11
Partnerships	2,400	3	31,900	2	3	2
Undivided estate	1,800	2	66,200	4	2	3
Other	*	**	11,700	1	**	1
Total	87,500	100	1,819,000	100	38	59
WESTERN						
Individuals	23,600	97	472,200	83	43	50
Corporations	*	**	41,500	7	**	7
Partnerships	400	2	28,800	5	2	5
Undivided estate	300	1	23,000	4	**	1
Other	*	**	5,800	1	**	1
Total	24,300	100	571,300	100	45	64
TOTAL						
Individuals	427,200	94	9,200,000	84	28	43
Corporations	2,600	1	1,023,900	9	**	8
Partnerships	8,400	2	243,900	2	1	1
Undivided estate	16,300	3	478,600	4	1	2
Other	1,100	**	60,200	1	**	**
Total	455,600	100	11,006,600	100	30	54

* Fewer than 50 owners or acres.

** Less than 0.5 percent.

Table 3.—Estimated number of corporate owners of commercial forest land and acres owned, by nature of business, Kentucky, 1975

Nature of business	Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent
Real estate	400	15	117,000	11
Forest industry	100	4	170,900	17
Nonforest industry	1,000	38	602,900	59
Corporate farms	200	8	30,400	3
Other corporations	900	35	102,700	10
Total	2,600	100	1,023,900	100

Table 4.—Estimated number of individual owners of commercial forest land and acres owned, by occupation and geographic unit, Kentucky, 1975

Owner occupation	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Professional	600	1	800	2	5,200	9	1,500	2
Executive	500	1	700	1	1,200	2	*	**
Retired	10,900	21	12,700	24	16,000	26	6,800	9
White collar	1,000	2	500	1	1,400	2	20,800	29
Skilled labor	18,400	35	2,300	4	2,000	3	4,000	5
Housewife	3,600	7	900	2	5,100	9	—	—
Laborer	1,700	3	700	1	2,000	3	1,400	2
Farmer	2,900	5	11,000	21	11,400	18	27,500	38
Other	1,100	2	300	1	2,100	3	—	—
No answer	12,300	23	22,400	43	15,800	25	10,600	15
Total	53,000	100	52,300	100	62,200	100	72,600	100
ACRES OWNED								
Professional	68,900	6	82,000	5	129,500	9	60,700	5
Executive	83,600	7	75,900	5	69,100	4	9,500	1
Retired	332,000	28	379,800	24	431,800	28	143,500	13
White collar	45,400	4	30,400	2	69,100	4	98,900	9
Skilled labor	93,200	8	102,200	7	103,600	7	97,500	8
Housewife	54,900	5	30,500	2	120,900	9	—	—
Laborer	102,000	8	43,700	3	95,000	6	51,200	4
Farmer	123,800	10	487,900	32	345,400	23	577,200	50
Other	39,600	3	8,600	1	43,100	3	—	—
No answer	249,400	21	287,000	19	112,300	7	120,000	10
Total	1,192,800	100	1,528,000	100	1,519,800	100	1,158,500	100

CONTINUED

Table 4.—Continued

Owner occupation	Pennyroyal		Western Coalfield		Western		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Professional	5,100	6	1,500	2	900	4	15,600	4
Executive	2,500	3	2,600	3	*	**	7,500	2
Retired	25,800	32	15,400	19	12,600	53	100,200	23
White collar	11,500	14	800	1	700	3	36,700	9
Skilled labor	5,900	7	13,700	17	1,300	6	47,600	11
Housewife	1,000	1	5,100	6	900	4	16,600	4
Laborer	2,400	3	6,000	7	300	1	14,500	3
Farmer	17,500	22	32,400	40	4,900	21	107,600	25
Other	*	**	200	**	500	2	4,200	1
No answer	9,900	12	4,200	5	1,500	6	76,700	18
Total	81,600	100	81,900	100	23,600	100	427,200	100
ACRES OWNED								
Professional	105,600	6	78,800	5	34,400	7	559,900	6
Executive	112,400	6	99,000	7	11,500	2	461,000	5
Retired	298,000	16	212,300	14	155,500	33	1,952,900	21
White collar	150,900	8	63,900	4	17,300	4	475,900	5
Skilled labor	119,200	6	102,900	7	46,100	10	664,700	7
Housewife	54,600	3	62,500	4	17,300	4	340,700	4
Laborer	88,200	5	86,300	6	11,500	2	477,900	5
Farmer	759,400	42	703,400	48	144,000	31	3,141,100	35
Other	8,100	**	8,500	1	23,100	5	131,000	1
No answer	154,000	8	60,700	4	11,500	2	994,900	11
Total	1,850,400	100	1,478,300	100	472,200	100	9,200,000	100

*Fewer than 50 owners.

**Less than 0.5 percent.

	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
EASTERN				
Under 25	—	—	—	—
25-44	19,600	37	118,000	10
45-64	9,400	18	442,900	37
65 and over	14,200	27	376,000	32
No answer	9,800	18	255,900	21
Total	53,000	100	1,192,800	100
NORTHERN CUMBERLAND				
Under 25	—	—	—	—
25-44	10,100	19	239,100	16
45-64	8,100	16	478,900	31
65 and over	15,400	29	546,600	36
No answer	18,700	36	263,400	17
Total	52,300	100	1,528,000	100
SOUTHERN CUMBERLAND				
Under 25	100	**	8,600	1
25-44	16,300	26	267,700	18
45-64	24,400	39	699,500	46
65 and over	17,600	29	414,500	27
No answer	3,800	6	129,500	8
Total	62,200	100	1,519,800	100
BLUEGRASS				
Under 25	—	—	—	—
25-44	7,700	11	254,700	22
45-64	38,900	53	518,700	45
65 and over	14,000	19	234,800	20
No answer	12,000	17	150,300	13
Total	72,600	100	1,158,500	100

CONTINUED

Table 5.—Continued

Age class (years)	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
PENNYROYAL				
Under 25	8,700	11	34,800	2
25-44	22,700	28	330,300	18
45-64	18,200	22	781,100	42
65 and over	26,500	32	550,200	30
No answer	5,500	7	154,000	8
Total	81,600	100	1,850,400	100
WESTERN COALFIELD				
Under 25	—	—	—	—
25-44	18,900	23	256,800	17
45-64	35,100	43	723,700	49
65 and over	19,300	24	405,100	28
No answer	8,600	10	92,700	6
Total	81,900	100	1,478,300	100
WESTERN				
Under 25	100	**	5,800	1
25-44	3,800	16	63,300	14
45-64	5,200	22	218,800	46
65 and over	12,500	53	161,300	34
No answer	2,000	9	23,000	5
Total	23,600	100	472,200	100
TOTAL				
Under 25	8,900	2	49,200	**
25-44	99,100	23	1,529,900	17
45-64	139,300	33	3,863,600	42
65 and over	119,500	28	2,688,500	29
No answer	60,400	14	1,068,800	12
Total	427,200	100	9,200,000	100

**Less than 0.5 percent.

Table 6.—Years of formal education of individual owners, by number of owners, acres of commercial forest land owned, and geographic unit, Kentucky, 1975

Education level	Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent
EASTERN				
0-8 years	21,600	41	549,600	46
9-12 years	15,700	30	131,400	11
1-4 years of college	3,800	7	217,000	18
More than 4 years of college	100	**	30,000	3
No answer	11,800	22	264,800	22
Total	53,000	100	1,192,800	100
NORTHERN CUMBERLAND				
0-8 years	17,700	34	705,700	46
9-12 years	3,100	6	256,700	17
1-4 years of college	4,800	9	161,000	10
More than 4 years of college	900	2	85,500	6
No answer	25,800	49	319,100	21
Total	52,300	100	1,528,000	100
SOUTHERN CUMBERLAND				
0-8 years	43,200	69	794,400	52
9-12 years	7,300	12	233,100	16
1-4 years of college	4,500	7	215,900	14
More than 4 years of college	2,800	5	138,200	9
No answer	4,400	7	138,200	9
Total	62,200	100	1,519,800	100
BLUEGRASS				
0-8 years	16,200	22	293,300	25
9-12 years	12,200	17	277,500	24
1-4 years of college	14,700	20	216,700	19
More than 4 years of college	13,200	18	105,000	9
No answer	16,300	23	266,000	23
Total	72,600	100	1,158,500	100

CONTINUED

Table 6.—Continued

Education level	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
PENNYROYAL				
0-8 years	48,300	59	768,700	41
9-12 years	9,600	12	395,600	21
1-4 years of college	7,800	10	352,100	19
More than 4 years of college	5,800	7	176,300	10
No answer	10,100	12	157,700	9
Total	81,600	100	1,850,400	100
WESTERN COALFIELD				
0-8 years	35,200	43	687,300	46
9-12 years	38,700	47	419,600	28
1-4 years of college	3,700	5	174,000	12
More than 4 years of college	1,700	2	128,200	9
No answer	2,600	3	69,200	5
Total	81,900	100	1,478,300	100
WESTERN				
0-8 years	9,900	42	184,300	39
9-12 years	5,600	24	115,200	24
1-4 years of college	5,500	23	103,700	22
More than 4 years of college	1,000	4	46,000	10
No answer	1,600	7	23,000	5
Total	23,600	100	472,200	100
TOTAL				
0-8 years	192,100	45	3,983,300	43
9-12 years	92,200	22	1,829,100	20
1-4 years of college	44,800	10	1,440,400	16
More than 4 years of college	25,500	6	709,200	8
No answer	72,600	17	1,238,000	13
Total	427,200	100	9,200,000	100

**Less than 0.5 percent.

Table 7. Individual owners by income groups, number of owners, acres of commercial forest land owned, and geographic unit, Kentucky, 1975

Income category	Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent
EASTERN				
Less than \$10,000	30,300	57	509,400	43
\$10,000-\$14,999	2,700	5	102,700	8
\$15,000-\$19,999	400	1	48,500	4
\$20,000-\$24,999	—	—	—	—
\$25,000-\$29,999	—	—	—	—
\$30,000 or more	100	**	45,300	4
No answer	19,500	37	486,900	41
Total	53,000	100	1,192,800	100
NORTHERN CUMBERLAND				
Less than \$10,000	20,100	39	720,400	47
\$10,000-\$14,999	4,100	8	162,900	11
\$15,000-\$19,999	1,100	2	76,500	5
\$20,000-\$24,999	1,300	2	63,300	4
\$25,000-\$29,999	—	—	—	—
\$30,000 or more	400	1	59,900	4
No answer	25,300	48	445,000	29
Total	52,300	100	1,528,000	100
SOUTHERN CUMBERLAND				
Less than \$10,000	39,100	63	872,200	57
\$10,000-\$14,999	10,300	16	181,300	12
\$15,000-\$19,999	1,700	3	69,100	5
\$20,000-\$24,999	100	**	25,900	2
\$25,000-\$29,999	—	—	—	—
\$30,000 or more	500	1	95,000	6
No answer	10,500	17	276,300	18
Total	62,200	100	1,519,800	100
BLUEGRASS				
Less than \$10,000	22,600	31	281,100	24
\$10,000-\$14,999	14,200	20	234,600	20
\$15,000-\$19,999	11,900	16	91,000	8
\$20,000-\$24,999	1,100	2	75,400	7
\$25,000-\$29,999	1,400	2	51,100	4
\$30,000 or more	1,500	2	75,700	7
No answer	19,900	27	349,600	30
Total	72,600	100	1,158,500	100

CONTINUED

Table 7.—Continued

Income category	Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent
PENNYROYAL				
Less than \$10,000	38,700	47	788,600	43
\$10,000-\$14,999	15,600	19	232,800	12
\$15,000-\$19,999	6,200	8	129,700	7
\$20,000-\$24,999	3,600	4	85,700	5
\$25,000-\$29,999	900	1	61,500	3
\$30,000 or more	1,300	2	167,100	9
No answer	15,300	19	385,000	21
Total	81,600	100	1,850,400	100
WESTERN COALFIELD				
Less than \$10,000	29,600	37	646,300	44
\$10,000-\$14,999	23,100	28	317,100	21
\$15,000-\$19,999	13,400	16	93,500	6
\$20,000-\$24,999	300	**	43,600	3
\$25,000-\$29,999	600	1	23,400	2
\$30,000 or more	8,100	10	227,600	15
No answer	6,800	8	126,800	9
Total	81,900	100	1,478,300	100
WESTERN				
Less than \$10,000	12,600	54	218,800	47
\$10,000-\$14,999	600	2	34,600	7
\$15,000-\$19,999	500	2	28,800	6
\$20,000-\$24,999	400	2	23,000	5
\$25,000-\$29,999	600	2	5,800	1
\$30,000 or more	2,400	10	51,800	11
No answer	6,500	28	109,400	23
Total	23,600	100	472,200	100
TOTAL				
Less than \$10,000	193,000	45	4,036,800	44
\$10,000-\$14,999	70,600	17	1,266,000	14
\$15,000-\$19,999	35,200	8	537,100	6
\$20,000-\$24,999	6,800	2	316,900	3
\$25,000-\$29,999	3,500	1	141,800	1
\$30,000 or more	14,300	3	722,400	8
No answer	103,800	24	2,179,000	24
Total	427,200	100	9,200,000	100

**Less than 0.5 percent.

Table 8.—Early environment of individual owners, by number of owners, acres of commercial forest land owned, and geographic unit, Kentucky, 1975

Type of environment ^a	Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent
EASTERN				
City over 100,000	—	—	—	—
City 10,000 to 99,999	—	—	—	—
Town or city under 10,000	1,000	2	108,500	9
Rural area	24,600	46	289,000	24
On a farm	14,400	27	490,900	41
No answer	13,000	25	304,400	26
Total	53,000	100	1,192,800	100
NORTHERN CUMBERLAND				
City over 100,000	100	**	21,900	1
City 10,000 to 99,999	900	2	21,900	1
Town or city under 10,000	1,300	2	34,400	2
Rural area	7,600	15	249,700	17
On a farm	16,800	32	841,900	55
No answer	25,600	49	358,200	24
Total	52,300	100	1,528,000	100
SOUTHERN CUMBERLAND				
City over 100,000	1,900	3	60,400	4
City 10,000 to 99,999	200	**	25,900	2
Town or city under 10,000	900	1	69,100	4
Rural area	18,400	30	354,100	23
On a farm	28,300	46	863,500	57
No answer	12,500	20	146,800	10
Total	62,200	100	1,519,800	100
BLUEGRASS				
City over 100,000	1,300	2	53,900	5
City 10,000 to 99,999	1,300	2	68,900	6
Town or city under 10,000	2,700	4	56,400	5
Rural area	17,800	24	122,100	10
On a farm	34,200	47	628,500	54
No answer	15,300	21	228,700	20
Total	72,600	100	1,158,500	100

CONTINUED

Table 8.—Continued

Type of environment ^a	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
PENNYROYAL				
City over 100,000	8,900	11	84,400	5
City 10,000 to 99,999	1,600	2	49,600	3
Town or city under 10,000	9,900	12	111,200	6
Rural area	3,100	4	204,900	11
On a farm	51,100	63	1,225,200	66
No answer	7,000	8	175,100	9
Total	81,600	100	1,850,400	100
WESTERN COALFIELD				
City over 100,000	700	1	40,500	3
City 10,000 to 99,999	2,200	3	102,100	7
Town or city under 10,000	1,000	1	65,600	4
Rural area	9,300	11	296,900	20
On a farm	60,500	74	850,000	58
No answer	8,200	10	123,200	8
Total	81,900	100	1,478,300	100
WESTERN				
City over 100,000	*	**	5,800	1
City 10,000 to 99,999	1,100	5	17,300	4
Town or city under 10,000	1,200	5	57,600	12
Rural area	3,500	15	51,800	11
On a farm	16,200	68	316,700	67
No answer	1,600	7	23,000	5
Total	23,600	100	472,200	100
TOTAL				
City over 100,000	12,900	3	266,900	3
City 10,000 to 99,999	7,300	2	285,700	3
Town or city under 10,000	18,000	4	502,800	5
Rural area	84,300	20	1,568,500	17
On a farm	221,500	52	5,216,700	57
No answer	83,200	19	1,359,400	15
Total	427,200	100	9,200,000	100

^a First 12 years of life.

* Fewer than 50 owners.

** Less than 0.5 percent.

Table 9.—Estimated number of individual owners of commercial forest land and acres owned, by period of ownership, and geographic unit, Kentucky, 1975

Period of ownership (years)	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
EASTERN				
Less than 5	18,300	35	108,400	9
5-9	4,800	9	150,500	13
10-24	7,400	14	301,200	25
25-49	6,600	12	370,200	31
Over 50	400	1	39,700	3
No answer	15,500	29	222,800	19
Total	53,000	100	1,192,800	100
NORTHERN CUMBERLAND				
Less than 5	2,500	5	164,600	11
5-9	7,700	15	154,800	10
10-24	10,300	20	403,400	26
25-49	11,700	22	527,800	35
Over 50	1,100	2	62,400	4
No answer	19,000	36	215,000	14
Total	52,300	100	1,528,000	100
SOUTHERN CUMBERLAND				
Less than 5	8,300	13	215,900	14
5-9	6,600	11	181,300	12
10-24	15,600	25	345,400	23
25-49	13,000	21	552,700	36
Over 50	5,600	9	60,400	4
No answer	13,100	21	164,100	11
Total	62,200	100	1,519,800	100
BLUEGRASS				
Less than 5	7,600	10	214,900	19
5-9	13,600	19	150,300	13
10-24	23,900	33	410,100	35
25-49	12,500	17	216,800	19
Over 50	600	1	37,700	3
No answer	14,400	20	128,700	11
Total	72,600	100	1,158,500	100

CONTINUED

Table 9.—Continued

Period of ownership (years)	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
PENNYROYAL				
Less than 5	17,200	21	272,600	15
5-9	4,100	5	200,600	11
10-24	18,400	23	634,600	34
25-49	19,900	24	487,400	26
Over 50	10,600	13	97,500	5
No answer	11,400	14	157,700	9
Total	81,600	100	1,850,400	100
WESTERN COALFIELD				
Less than 5	30,300	37	179,000	12
5-9	1,600	2	117,800	8
10-24	15,500	19	491,500	33
25-49	19,300	24	511,900	35
Over 50	13,500	16	119,600	8
No answer	1,700	2	58,500	4
Total	81,900	100	1,478,300	100
WESTERN				
Less than 5	2,700	11	74,900	16
5-9	1,200	5	51,800	11
10-24	6,300	27	132,500	28
25-49	7,900	34	178,500	38
Over 50	3,800	16	23,000	5
No answer	1,700	7	11,500	2
Total	23,600	100	472,200	100
TOTAL				
Less than 5	86,900	20	1,230,300	13
5-9	39,600	10	1,007,100	11
10-24	97,400	23	2,718,700	30
25-49	90,900	21	2,845,300	31
Over 50	35,600	8	440,300	5
No answer	76,800	18	958,300	10
Total	427,200	100	9,200,000	100

Table 10.—Distance from owner's residence or place of business to his nearest tract, by number of owners, acres of commercial forest land owned, and geographic unit, Kentucky, 1975

Distance from nearest tract (miles)	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
EASTERN				
Residence to 1	49,500	82	1,139,200	63
2-5	2,300	4	171,900	10
6-15	500	1	133,200	7
16-25	300	**	30,700	2
26-50	400	1	44,000	2
Over 50	300	**	72,100	4
No answer	6,900	12	209,500	12
Total	60,200	100	1,800,600	100
NORTHERN CUMBERLAND				
Residence to 1	30,700	57	1,152,100	66
2-5	3,000	6	111,200	6
6-15	700	1	30,500	2
16-25	200	**	25,800	1
26-50	300	1	10,900	1
Over 50	1,400	2	136,900	8
No answer	17,900	33	276,700	16
Total	54,200	100	1,744,100	100
SOUTHERN CUMBERLAND				
Residence to 1	43,700	66	1,079,400	63
2-5	2,600	4	173,500	10
6-15	2,400	4	173,800	10
16-25	100	**	25,900	1
26-50	300	**	25,900	1
Over 50	4,300	6	120,900	7
No answer	13,600	20	138,200	8
Total	67,000	100	1,737,600	100
BLUEGRASS				
Residence to 1	54,600	73	827,500	63
2-5	3,400	4	111,800	8
6-15	600	1	80,500	6
16-25	400	1	19,900	2
26-50	700	1	66,800	5
Over 50	100	**	7,400	1
No answer	14,500	20	194,900	15
Total	74,300	100	1,308,800	100

CONTINUED

Table 10.—Continued

Distance from nearest tract (miles)	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
PENNYROYAL				
Residence to 1	60,900	70	1,312,700	65
2-5	1,600	2	169,200	8
6-15	10,600	12	191,300	9
16-25	2,100	2	60,200	3
26-50	400	**	33,500	2
Over 50	5,100	6	136,600	7
No answer	7,400	8	121,700	6
Total	88,100	100	2,025,200	100
WESTERN COALFIELD				
Residence to 1	64,300	73	1,186,900	65
2-5	2,800	3	74,200	4
6-15	14,300	16	144,800	8
16-25	500	1	69,300	4
26-50	700	1	49,100	3
Over 50	3,300	4	134,100	7
No answer	1,600	2	160,600	9
Total	87,500	100	1,819,000	100
WESTERN				
Residence to 1	19,800	81	415,800	73
2-5	900	4	46,100	8
6-15	1,000	4	40,300	7
16-25	200	1	5,800	1
26-50	100	**	11,500	2
Over 50	200	1	11,500	2
No answer	2,100	9	40,300	7
Total	24,300	100	571,300	100
TOTAL				
Residence to 1	323,500	71	7,113,600	65
2-5	16,600	4	857,900	8
6-15	30,100	6	794,400	7
16-25	3,800	1	237,600	2
26-50	2,900	1	241,700	2
Over 50	14,700	3	619,500	6
No answer	64,000	14	1,141,900	10
Total	455,600	100	11,006,600	100

**Less than 0.5 percent.

Table 11.—Number of tracts of commercial forest land owned, by number of owners, acres owned, and geographic unit, Kentucky, 1975

Number of tracts	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
EASTERN				
1	50,400	84	1,003,400	56
2	8,800	15	228,700	13
3 or more	1,000	1	568,500	31
Total	60,200	100	1,800,600	100
NORTHERN CUMBERLAND				
1	47,200	87	1,035,700	59
2	4,500	8	323,300	19
3 or more	2,500	5	385,100	22
Total	54,200	100	1,744,100	100
SOUTHERN CUMBERLAND				
1	55,400	83	846,300	49
2	7,600	11	388,600	22
3 or more	4,000	6	502,700	29
Total	67,000	100	1,737,600	100
BLUEGRASS				
1	52,200	70	614,600	47
2	15,900	22	324,000	25
3 or more	6,200	8	370,200	28
Total	74,300	100	1,308,800	100
PENNYROYAL				
1	68,600	78	981,700	48
2	13,200	15	508,500	25
3 or more	6,300	7	535,000	27
Total	88,100	100	2,025,200	100
WESTERN COALFIELD				
1	66,100	76	907,700	50
2	17,500	20	409,700	22
3 or more	3,900	4	501,600	28
Total	87,500	100	1,819,000	100
WESTERN				
1	14,200	58	207,300	36
2	7,300	30	144,000	25
3 or more	2,800	12	220,000	39
Total	24,300	100	571,300	100
TOTAL				
1	354,100	78	5,596,700	51
2	74,800	16	2,326,800	21
3 or more	26,700	6	3,083,100	28
Total	455,600	100	11,006,600	100

Table 12.—Estimated number of owners of commercial forest land and acres owned, by distance from tracts and number of tracts owned, Kentucky, 1975

Distance (miles)	Distance from nearest tract		Distance from farthest tract			Total	
			1 tract	2 tracts	3 or more tracts		
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
	OWNERS						
Residence to 1	323,500	71	239,700	35,900	10,300	285,900	63
2-5	16,600	4	11,500	22,700	8,000	42,200	9
6-15	30,100	6	27,300	3,200	3,700	34,200	7
16-25	3,800	1	3,200	1,900	2,100	7,200	2
26-50	2,900	1	1,600	1,800	300	3,700	1
Over 50	14,700	3	12,800	5,000	900	18,700	4
No answer	64,000	14	58,000	4,300	1,400	63,700	14
Total	455,600	100	354,100	74,800	26,700	455,600	100
	ACRES						
Residence to 1	7,113,600	65	3,577,600	752,200	444,000	4,773,800	43
2-5	857,900	8	293,000	834,700	803,800	1,931,500	17
6-15	794,400	7	391,500	236,100	474,300	1,101,900	10
16-25	237,600	2	121,800	105,000	291,100	517,900	5
26-50	241,700	2	123,000	138,700	252,200	513,900	5
Over 50	619,500	6	382,100	137,600	544,000	1,063,700	10
No answer	1,141,900	10	707,700	122,500	273,700	1,103,900	10
Total	11,006,600	100	5,596,700	2,326,800	3,083,100	11,006,600	100

Table 13.—Estimated number of owners of commercial forest land and acres owned, by primary reason for owning and geographic unit, Kentucky, 1975

Reason	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Land investment	800	1	1,500	3	3,200	5	1,000	1
Recreational use	—	—	100	**	700	1	500	1
Timber production	1,100	2	800	1	1,200	2	200	**
Farm and domestic use	7,900	13	8,000	15	7,200	11	18,300	25
Esthetic enjoyment	6,100	10	1,900	4	5,500	8	8,000	11
Part of farm	6,700	11	6,200	11	10,200	15	6,800	9
Part of residence	26,700	45	9,100	17	17,400	26	18,500	25
Other	800	1	1,000	2	6,400	10	2,200	3
No answer	10,100	17	25,600	47	15,200	22	18,800	25
Total	60,200	100	54,200	100	67,000	100	74,300	100
ACRES OWNED								
Land investment	157,100	9	131,700	8	285,800	16	96,200	8
Recreational use	—	—	30,400	2	34,600	2	29,500	2
Timber production	192,300	11	113,000	6	95,000	6	21,800	2
Farm and domestic use	130,300	7	370,400	22	293,600	17	280,900	21
Esthetic enjoyment	93,800	5	108,500	6	94,900	5	168,900	13
Part of farm	299,900	17	319,400	18	379,900	22	318,400	24
Part of residence	291,700	16	210,200	12	215,900	12	121,000	9
Other	223,600	12	78,200	4	139,300	9	59,400	5
No answer	411,900	23	382,300	22	198,600	11	212,700	16
Total	1,800,600	100	1,744,100	100	1,737,600	100	1,308,800	100
OWNERS								
Land investment	11,300	13	6,700	8	400	2	24,900	5
Recreational use	800	1	*	**	500	2	2,600	1
Timber production	3,000	3	7,100	8	1,300	5	14,700	3
Farm and domestic use	16,300	18	30,200	35	6,300	26	94,200	21
Esthetic enjoyment	5,900	7	2,200	2	2,800	12	32,400	7
Part of farm	32,300	37	33,500	38	7,600	31	103,300	23
Part of residence	6,800	8	3,700	4	3,200	13	85,400	19
Other	1,200	1	3,400	4	100	**	15,100	3
No answer	10,500	12	700	1	2,100	9	83,000	18
Total	88,100	100	87,500	100	24,300	100	455,600	100
ACRES OWNED								
Land investment	371,000	18	334,700	18	40,300	7	1,416,800	13
Recreational use	58,900	3	8,500	1	17,300	3	179,200	2
Timber production	211,200	11	161,500	9	145,200	26	940,000	9
Farm and domestic use	446,500	22	406,500	22	97,900	17	2,026,100	18
Esthetic enjoyment	97,500	5	92,700	5	51,800	9	708,100	6
Part of farm	408,500	20	431,800	24	155,500	27	2,313,400	21
Part of residence	123,000	6	57,900	3	28,800	5	1,048,500	10
Other	104,300	5	211,500	12	5,700	1	822,000	7
No answer	204,300	10	113,900	6	28,800	5	1,552,500	14
Total	2,025,200	100	1,819,000	100	571,300	100	11,006,600	100

* Fewer than 50 owners or acres.

** Less than 0.5 percent.

Table 14.—Estimated number of owners who have not harvested timber and acres owned, by primary reason for owning forest land and geographic unit, Kentucky, 1975

Reason	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Land investment	700	1	1,300	3	2,200	4	500	1
Recreational use	—	—	*	**	700	1	400	1
Timber production	300	1	600	1	300	1	—	—
Farm and domestic use	1,100	2	6,400	15	4,500	9	7,500	14
Esthetic enjoyment	5,500	13	900	2	4,500	9	6,100	11
Part of farm	5,900	14	4,100	9	7,300	15	4,600	8
Part of residence	20,400	47	6,300	15	15,400	31	18,200	34
Other	800	2	900	2	2,000	4	2,200	4
No answer	8,500	20	23,200	53	13,000	26	14,300	27
Total	43,200	100	43,700	100	49,900	100	53,800	100
ACRES OWNED								
Land investment	74,700	9	74,200	8	121,000	16	48,100	7
Recreational use	—	—	21,800	2	25,900	3	20,000	3
Timber production	15,300	2	38,900	4	17,300	2	—	—
Farm and domestic use	70,200	8	242,700	26	138,200	18	126,600	17
Esthetic enjoyment	45,400	5	39,100	4	43,100	6	103,900	14
Part of farm	200,300	24	163,400	17	138,100	18	171,100	24
Part of residence	148,800	18	86,800	9	103,600	13	80,300	11
Other	98,300	12	39,000	4	43,200	6	28,200	4
No answer	180,500	22	245,500	26	138,200	18	143,800	20
Total	833,500	100	951,400	100	768,600	100	722,000	100
Reason	Pennyroyal		Western Coalfield		Western		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Land investment	9,500	15	3,600	6	300	2	18,100	6
Recreational use	600	1	—	—	400	3	2,100	1
Timber production	1,700	3	4,200	8	600	5	7,700	2
Farm and domestic use	5,900	10	15,900	29	3,900	29	45,200	14
Esthetic enjoyment	4,400	7	1,100	2	2,200	17	24,700	8
Part of farm	28,100	46	28,300	52	1,900	14	80,200	25
Part of residence	1,700	3	200	**	2,400	18	64,600	20
Other	1,100	2	900	2	—	—	7,900	2
No answer	8,300	13	300	1	1,600	12	69,200	22
Total	61,300	100	54,500	100	13,300	100	319,700	100
ACRES OWNED								
Land investment	183,100	22	162,900	22	17,300	8	681,300	13
Recreational use	25,400	3	—	—	11,500	6	104,600	2
Timber production	67,100	8	78,800	11	28,700	14	246,100	5
Farm and domestic use	128,500	16	129,900	18	23,100	11	859,200	17
Esthetic enjoyment	36,000	4	32,000	4	34,500	17	334,000	7
Part of farm	151,500	19	262,700	35	57,600	28	1,144,700	23
Part of residence	45,400	6	8,500	1	17,300	8	490,700	10
Other	70,800	9	42,300	6	—	—	321,800	6
No answer	108,100	13	20,200	3	17,300	8	853,600	17
Total	815,900	100	737,300	100	207,300	100	5,036,000	100

* Fewer than 50 owners.

** Less than 0.5 percent.

Table 15.—Estimated number of owners who have harvested timber and acres owned, by primary reason for owning forest land and geographic unit, Kentucky, 1975

Reason	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Land investment	100	1	200	2	1,000	6	500	2
Recreational use	—	—	100	1	*	**	100	1
Timber production	800	5	200	2	900	5	200	1
Farm and domestic use	6,800	40	1,600	15	2,700	16	10,800	53
Esthetic enjoyment	600	3	1,000	10	1,000	6	1,900	9
Part of farm	800	5	2,100	20	2,900	17	2,200	11
Part of residence	6,300	37	2,800	26	2,000	11	300	1
Other	*	**	100	1	4,400	26	*	**
No answer	1,600	9	2,400	23	2,200	13	4,500	22
Total	17,000	100	10,500	100	17,100	100	20,500	100
ACRES OWNED								
Land investment	82,400	9	57,500	7	164,800	17	48,100	8
Recreational use	—	—	8,600	1	8,700	1	9,500	2
Timber production	177,000	18	74,100	9	77,700	8	21,800	4
Farm and domestic use	60,100	6	127,700	16	155,400	16	154,300	26
Esthetic enjoyment	48,400	5	69,400	9	51,800	5	65,000	11
Part of farm	99,600	10	156,000	20	241,800	25	147,300	25
Part of residence	142,900	15	123,400	16	112,300	12	40,700	7
Other	125,300	13	39,200	5	96,100	10	31,200	5
No answer	231,400	24	136,800	17	60,400	6	68,900	12
Total	967,100	100	792,700	100	969,000	100	586,800	100
Reason	Pennyroyal		Western Coalfield		Western		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Land investment	1,800	7	3,100	9	100	1	6,800	5
Recreational use	200	1	*	**	100	1	500	**
Timber production	1,300	5	2,900	9	700	6	7,000	5
Farm and domestic use	10,400	39	14,300	43	2,400	22	49,000	36
Esthetic enjoyment	1,500	5	1,100	3	600	5	7,700	6
Part of farm	4,200	16	5,200	16	5,700	52	23,100	17
Part of residence	5,100	19	3,500	11	800	7	20,800	15
Other	100	**	2,500	8	100	1	7,200	6
No answer	2,200	8	400	1	500	5	13,800	10
Total	26,800	100	33,000	100	11,000	100	135,900	100
ACRES OWNED								
Land investment	187,900	16	171,800	16	23,000	6	735,500	12
Recreational use	33,500	3	8,500	1	5,800	2	74,600	1
Timber production	144,100	12	82,700	8	116,500	32	693,900	12
Farm and domestic use	318,000	26	276,600	25	74,800	20	1,166,900	20
Esthetic enjoyment	61,500	5	60,700	6	17,300	5	374,100	6
Part of farm	257,000	21	169,100	15	97,900	27	1,168,700	20
Part of residence	77,600	6	49,400	5	11,500	3	557,800	9
Other	33,500	3	169,200	15	5,700	2	500,200	8
No answer	96,200	8	93,700	9	11,500	3	698,900	12
Total	1,209,300	100	1,081,700	100	364,000	100	5,970,600	100

* Fewer than 50 owners.

** Less than 0.5 percent.

Table 16.—Primary reason for owning commercial forest land by intention to harvest for all owners, and number of acres owned, Kentucky, 1975

Reason	1 to 10 years		Indefinite		Will never harvest		No answer		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS										
Investment	10,000	2	10,600	2	4,300	1	—	—	24,900	5
Recreational use	800	**	500	**	1,300	**	*	**	2,600	**
Timber production	3,200	1	7,200	1	4,300	1	—	—	14,700	3
Farm and domestic use	14,900	3	46,800	11	32,000	7	500	**	94,200	21
Esthetic	2,300	1	11,600	3	18,500	3	—	—	32,400	7
Part of farm	7,100	1	52,000	12	43,600	10	600	**	103,300	23
Part of residence	9,000	2	20,400	4	53,800	12	2,200	1	85,400	19
Other	1,800	**	4,400	1	8,700	2	200	**	15,100	3
No answer	2,300	1	10,000	2	40,400	10	30,300	6	83,000	19
Total	51,400	11	163,500	36	206,900	46	33,800	7	455,600	100
ACRES OWNED										
Investment	463,100	4	749,900	7	203,800	2	—	—	1,416,800	13
Recreational use	55,700	1	25,300	**	89,600	1	8,600	**	179,200	2
Timber production	521,700	5	351,100	3	67,200	1	—	—	940,000	9
Farm and domestic use	443,700	4	1,179,100	11	368,700	3	34,600	**	2,026,100	18
Esthetic	113,400	1	259,500	2	335,200	3	—	—	708,100	6
Part of farm	442,700	4	1,190,000	11	636,700	6	44,000	**	2,313,400	21
Part of residence	96,500	1	562,400	6	370,000	3	19,600	**	1,048,500	10
Other	379,700	3	315,900	3	109,700	1	16,700	**	822,000	7
No answer	344,700	3	299,000	2	333,200	3	575,600	6	1,552,500	14
Total	2,861,200	26	4,932,200	45	2,514,100	23	699,100	6	11,006,600	100

* Fewer than 50 owners.

** Less than 0.5 percent.

Table 17.—Benefits derived in the last 5 years and expected in the next 5 years, by number of owners who have harvested timber and number who have not and by acres of commercial forest land owned, Kentucky, 1975

Benefit	Last 5 years				Next 5 years			
	Owners		Commercial forest land owned		Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED								
Recreational use	3,500	1	150,000	2	1,600	**	91,100	**
Sale of timber	13,100	3	1,111,000	10	9,400	2	831,400	8
Land value increase	11,600	3	1,367,200	12	15,200	3	1,559,300	14
Esthetic enjoyment	37,300	8	755,400	7	28,200	7	795,300	7
Farm and domestic use	47,300	10	1,431,600	13	49,600	11	1,381,500	13
Other	4,000	1	396,500	3	5,700	1	416,400	4
No answer	19,100	4	758,900	7	26,200	6	895,600	8
Total	135,900	30	5,970,600	54	135,900	30	5,970,600	54
OWNERS WHO HAVE NOT HARVESTED								
Recreational use	14,100	3	248,200	2	8,900	2	157,400	2
Sale of timber	—	—	—	—	4,000	1	140,200	1
Land value increase	25,600	5	1,173,600	11	23,200	5	1,139,400	10
Esthetic enjoyment	52,900	12	922,000	8	52,700	11	938,400	9
Farm and domestic use	115,800	25	1,328,400	12	112,800	25	1,353,300	12
Other	21,200	5	280,600	3	24,700	6	332,800	3
No answer	90,100	20	1,083,200	10	93,400	20	974,500	9
Total	319,700	70	5,036,000	46	319,700	70	5,036,000	46
ALL OWNERS								
Recreational use	17,600	4	398,200	4	10,500	2	248,500	2
Sale of timber	13,100	3	1,111,000	10	13,400	3	971,600	9
Land value increase	37,200	8	2,540,800	23	38,400	8	2,698,700	24
Esthetic enjoyment	90,200	20	1,677,400	15	80,900	18	1,733,700	16
Farm and domestic use	163,100	35	2,760,000	25	162,400	36	2,734,800	25
Other	25,200	6	677,100	6	30,400	7	749,200	7
No answer	109,200	24	1,842,100	17	119,600	26	1,870,100	17
Total	455,600	100	11,006,600	100	455,600	100	11,006,600	100

** Less than 0.5 percent.

Table 18.—Benefits derived in the last 5 years and expected in the next 5 years, by number of owners who have harvested timber and number who have not and by acres of commercial forest land owned in the EASTERN geographic unit of Kentucky, 1975

Benefit	Last 5 years				Next 5 years			
	Owners		Commercial forest land owned		Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent	Number	Percent	Acres	Percent
OWNERS WHO HARVESTED								
Recreational use	—	—	—	—	—	—	—	—
Sale of timber	500	1	280,100	16	300	**	211,200	12
Land value increase	700	1	137,400	8	700	1	167,300	9
Esthetic enjoyment	6,700	11	99,600	5	7,400	13	153,800	9
Farm and domestic use	3,700	6	132,700	7	2,300	4	123,200	7
Other	800	1	88,700	5	500	1	74,100	4
No answer	4,600	8	228,600	13	5,800	9	237,500	13
Total	17,000	28	967,100	54	17,000	28	967,100	54
OWNERS WHO HAVE NOT HARVESTED								
Recreational use	6,400	11	54,900	3	5,100	8	15,400	1
Sale of timber	—	—	—	—	—	—	—	—
Land value increase	1,800	3	144,200	8	2,800	5	174,300	10
Esthetic enjoyment	3,600	6	147,400	8	6,200	10	211,900	11
Farm and domestic use	18,000	30	188,400	11	16,700	28	148,700	8
Other	600	1	54,300	3	600	1	63,100	4
No answer	12,800	21	244,300	13	11,800	20	220,100	12
Total	43,200	72	833,500	46	43,200	72	833,500	46
ALL OWNERS								
Recreational use	6,400	11	54,900	3	5,100	8	15,400	1
Sale of timber	500	1	280,100	16	300	**	211,200	12
Land value increase	2,500	4	281,600	16	3,500	6	341,600	19
Esthetic enjoyment	10,300	17	247,000	13	13,600	23	365,700	20
Farm and domestic use	21,700	36	321,100	18	19,000	32	271,900	15
Other	1,400	2	143,000	8	1,100	2	137,200	8
No answer	17,400	29	472,900	26	17,600	29	457,600	25
Total	60,200	100	1,800,600	100	60,200	100	1,800,600	100

** Less than 0.5 percent.

Table 19.—Benefits derived in the last 5 years and expected in the next 5 years, by number of owners who have harvested timber and number who have not and by acres of commercial forest land owned in the NORTHERN CUMBERLAND geographic unit of Kentucky, 1975

Benefit	Last 5 years				Next 5 years			
	Owners		Commercial forest land owned		Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent	Number	Percent	Acres	Percent
OWNERS WHO HARVESTED								
Recreational use	500	1	28,100	1	400	1	19,500	1
Sale of timber	1,500	3	85,200	5	600	1	82,900	5
Land value increase	1,000	2	174,800	10	1,400	3	200,400	12
Esthetic enjoyment	1,500	3	108,300	6	1,400	3	108,300	6
Farm and domestic use	2,600	4	163,500	10	3,600	6	181,600	10
Other	800	2	74,100	4	200	**	54,600	3
No answer	2,600	4	158,700	9	2,900	5	145,400	8
Total	10,500	19	792,700	45	10,500	19	792,700	45
OWNERS WHO HAVE NOT HARVESTED								
Recreational use	500	1	28,200	2	500	1	19,600	1
Sale of timber	—	—	—	—	1,200	2	50,000	3
Land value increase	2,900	5	158,000	9	2,900	5	162,700	9
Esthetic enjoyment	5,700	10	148,400	9	4,700	8	124,200	7
Farm and domestic use	8,600	17	260,300	14	7,200	14	290,700	17
Other	2,300	4	69,600	4	2,300	5	69,600	4
No answer	23,700	44	286,900	17	24,900	46	234,600	14
Total	43,700	81	951,400	55	43,700	81	951,400	55
ALL OWNERS								
Recreational use	1,000	2	56,300	3	900	2	39,100	2
Sale of timber	1,500	3	85,200	5	1,800	3	132,900	8
Land value increase	3,900	7	332,800	19	4,300	8	363,100	21
Esthetic enjoyment	7,200	13	256,700	15	6,100	11	232,500	13
Farm and domestic use	11,200	21	423,800	24	10,800	20	472,300	27
Other	3,100	6	143,700	8	2,500	5	124,200	7
No answer	26,300	48	445,600	26	27,800	51	380,000	22
Total	54,200	100	1,744,100	100	54,200	100	1,744,100	100

** Less than 0.5 percent.

Table 20.—Benefits derived in the last 5 years and expected in the next 5 years, by number of owners who have harvested timber and number who have not and by acres of commercial forest land owned in the SOUTHERN CUMBERLAND geographic unit of Kentucky, 1975

Benefit	Last 5 years				Next 5 years			
	Owners		Commercial forest land owned		Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent	Number	Percent	Acres	Percent
OWNERS WHO HARVESTED								
Recreational use	500	1	26,000	2	500	1	17,300	1
Sale of timber	1,600	2	146,700	8	200	**	43,200	2
Land value increase	3,300	5	285,600	16	3,700	6	311,600	18
Esthetic enjoyment	6,500	10	120,900	7	7,000	10	146,800	9
Farm and domestic use	2,300	4	198,600	11	1,900	3	189,900	11
Other	100	**	78,900	5	500	1	113,400	7
No answer	2,800	4	112,300	7	3,300	5	146,800	8
Total	17,100	26	969,000	56	17,100	26	969,000	56
OWNERS WHO HAVE NOT HARVESTED								
Recreational use	3,700	5	43,100	2	600	1	25,900	1
Sale of timber	—	—	—	—	100	**	8,600	1
Land value increase	4,100	6	164,200	10	2,800	4	146,800	8
Esthetic enjoyment	5,000	7	112,300	6	9,200	14	138,200	8
Farm and domestic use	16,800	25	224,500	13	11,600	17	198,700	11
Other	2,600	4	34,500	2	8,100	12	51,800	3
No answer	17,700	27	190,000	11	17,500	26	198,600	12
Total	49,900	74	768,600	44	49,900	74	768,600	44
ALL OWNERS								
Recreational use	4,200	6	69,100	4	1,100	2	43,200	2
Sale of timber	1,600	2	146,700	8	300	**	51,800	3
Land value increase	7,400	11	449,800	26	6,500	10	458,400	26
Esthetic enjoyment	11,500	17	233,200	13	16,200	24	285,000	17
Farm and domestic use	19,100	29	423,100	24	13,500	20	388,600	22
Other	2,700	4	113,400	7	8,600	13	165,200	10
No answer	20,500	31	302,300	18	20,800	31	345,400	20
Total	67,000	100	1,737,600	100	67,000	100	1,737,600	100

** Less than 0.5 percent.

Table 21.—Benefits derived in the last 5 years and expected in the next 5 years, by number of owners who have harvested timber and number who have not and by acres of commercial forest land owned in the PENNYROYAL geographic unit of Kentucky, 1975

Benefit	Last 5 years				Next 5 years			
	Owners		Commercial forest land owned		Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent	Number	Percent	Acres	Percent
OWNERS WHO HARVESTED								
Recreational use	700	1	36,000	2	400	**	26,700	1
Sale of timber	4,200	5	218,000	11	2,300	3	108,000	6
Land value increase	3,200	4	314,500	16	3,800	4	392,200	20
Esthetic enjoyment	6,000	7	163,200	8	2,000	3	145,900	7
Farm and domestic use	9,700	10	358,300	17	14,600	16	371,900	18
Other	100	**	16,200	1	100	**	17,300	1
No answer	2,900	3	103,100	5	3,600	4	147,300	7
Total	26,800	30	1,209,300	60	26,800	30	1,209,300	60
OWNERS WHO HAVE NOT HARVESTED								
Recreational use	1,700	2	50,900	2	1,000	2	35,900	2
Sale of timber	—	—	—	—	400	*	26,700	1
Land value increase	6,600	7	234,100	11	7,200	8	258,300	12
Esthetic enjoyment	7,900	9	156,600	8	7,400	8	123,000	6
Farm and domestic use	30,300	35	232,800	12	27,100	31	239,700	12
Other	8,400	10	17,300	1	8,600	10	25,500	1
No answer	6,400	7	124,200	6	9,600	11	106,800	6
Total	61,300	70	815,900	40	61,300	70	815,900	40
ALL OWNERS								
Recreational use	2,400	3	86,900	4	1,400	2	62,600	3
Sale of timber	4,200	5	218,000	11	2,700	3	134,700	7
Land value increase	9,800	11	548,600	27	11,000	12	650,500	32
Esthetic enjoyment	13,900	16	319,800	16	9,400	11	268,900	13
Farm and domestic use	40,000	45	591,100	29	41,700	47	611,600	30
Other	8,500	10	33,500	2	8,700	10	42,800	2
No answer	9,300	10	227,300	11	13,200	15	254,100	13
Total	88,100	100	2,025,200	100	88,100	100	2,025,200	100

**Less than 0.5 percent

Table 22.—Benefits derived in the last 5 years and expected in the next 5 years by number of owners who have harvested timber and number who have not and by acres of commercial forest land owned in the BLUEGRASS geographic unit of Kentucky, 1975

Benefit	Last 5 years				Next 5 years			
	Owners		Commercial forest land owned		Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent	Number	Percent	Acres	Percent
OWNERS WHO HARVESTED								
Recreational use	200	**	19,100	2	100	**	7,300	**
Sale of timber	1,000	1	75,900	6	1,300	2	100,300	7
Land value increase	700	1	110,200	9	1,000	1	105,700	9
Esthetic enjoyment	8,400	12	87,100	6	1,900	3	72,400	6
Farm and domestic use	5,200	7	215,300	16	10,500	14	198,900	15
Other	100	**	28,100	2	100	**	40,700	3
No answer	4,900	7	51,100	4	5,600	8	61,500	5
Total	20,500	28	586,800	45	20,500	28	586,800	45
OWNERS WHO HAVE NOT HARVESTED								
Recreational use	300	1	30,300	2	300	**	19,900	2
Sale of timber	—	—	—	—	600	1	19,900	2
Land value increase	2,100	3	109,600	8	1,200	2	71,100	5
Esthetic enjoyment	24,500	32	206,700	16	18,400	24	204,800	15
Farm and domestic use	13,500	18	203,400	16	20,000	27	216,600	17
Other	1,000	1	38,600	3	1,200	2	56,300	4
No answer	12,400	17	133,400	10	12,100	16	133,400	10
Total	53,800	72	722,000	55	53,800	72	722,000	55
ALL OWNERS								
Recreational use	500	1	49,400	4	400	**	27,200	2
Sale of timber	1,000	1	75,900	6	1,900	3	120,200	9
Land value increase	2,800	4	219,800	17	2,200	3	176,800	14
Esthetic enjoyment	32,900	44	293,800	22	20,300	27	277,200	21
Farm and domestic use	18,700	25	418,700	32	30,500	41	415,500	32
Other	1,100	1	66,700	5	1,300	2	97,000	7
No answer	17,300	24	184,500	14	17,700	24	194,900	15
Total	74,300	100	1,308,800	100	74,300	100	1,308,800	100

**Less than 0.5 percent.

Table 23.—Benefits derived in the last 5 years and expected in the next 5 years by number of owners who have harvested timber and number who have not and by acres of commercial forest land owned in the WESTERN COALFIELD geographic unit of Kentucky, 1975

Benefit	Last 5 years				Next 5 years			
	Owners		Commercial forest land owned		Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent	Number	Percent	Acres	Percent
OWNERS WHO HARVESTED								
Recreational use	1,500	2	35,100	2	200	**	20,300	1
Sale of timber	2,000	2	148,400	8	3,800	4	169,400	10
Land value increase	1,900	2	264,100	14	3,400	4	284,200	15
Esthetic enjoyment	6,800	8	141,700	8	7,000	8	127,800	7
Farm and domestic use	18,000	21	299,800	16	13,200	16	246,900	13
Other	1,900	2	99,000	6	1,100	1	99,000	5
No answer	900	1	93,600	5	4,300	5	134,100	8
Total	33,000	38	1,081,700	59	33,000	38	1,081,700	59
OWNERS WHO HAVE NOT HARVESTED								
Recreational use	700	1	23,500	1	600	1	23,400	1
Sale of timber	—	—	—	—	1,400	2	23,400	1
Land value increase	7,900	9	334,700	19	6,100	7	297,500	17
Esthetic enjoyment	3,000	3	87,300	5	3,800	4	78,700	4
Farm and domestic use	27,600	31	196,000	11	28,900	32	230,100	13
Other	2,900	4	20,200	1	800	1	32,000	2
No answer	12,400	14	75,600	4	12,900	15	52,200	3
Total	54,500	62	737,300	41	54,500	62	737,300	41
ALL OWNERS								
Recreational use	2,200	3	58,600	3	800	1	43,700	2
Sale of timber	2,000	2	148,400	8	5,200	6	192,800	11
Land value increase	9,800	11	598,800	33	9,500	11	581,700	32
Esthetic enjoyment	9,800	11	229,000	13	10,800	12	206,500	11
Farm and domestic use	45,600	52	495,800	27	42,100	48	477,000	26
Other	4,800	6	119,200	7	1,900	2	131,000	7
No answer	13,300	15	169,200	9	17,200	20	186,300	11
Total	87,500	100	1,819,000	100	87,500	100	1,819,000	100

**Less than 0.5 percent.

Table 24.—Benefits derived in the last 5 years and expected in the next 5 years by number of owners who have harvested timber and number who have not and by acres of commercial forest land owned in the WESTERN geographic unit of Kentucky, 1975

Benefit	Last 5 years				Next 5 years			
	Owners		Commercial forest land owned	Percent	Owners		Commercial forest land owned	Percent
	Number	Percent			Number	Percent		
OWNERS WHO HARVESTED								
Recreational use	100	1	5,700	1	—	—	—	—
Sale of timber	2,300	9	156,700	28	900	4	116,400	21
Land value increase	800	3	80,600	14	1,200	5	97,900	17
Esthetic enjoyment	1,400	6	34,600	6	1,500	6	40,300	7
Farm and domestic use	5,800	24	63,400	11	3,500	14	69,100	12
Other	200	1	11,500	2	3,200	13	17,300	3
No answer	400	1	11,500	2	700	3	23,000	4
Total	11,000	45	364,000	64	11,000	45	364,000	64
OWNERS WHO HAVE NOT HARVESTED								
Recreational use	800	3	17,300	3	800	3	17,300	3
Sale of timber	—	—	—	—	300	1	11,600	2
Land value increase	200	1	28,800	5	200	1	28,700	5
Esthetic enjoyment	3,200	13	63,300	11	3,000	13	57,600	10
Farm and domestic use	1,000	4	23,000	4	1,300	5	28,800	5
Other	3,400	14	46,100	8	3,100	13	34,500	6
No answer	4,700	20	28,800	5	4,600	19	28,800	5
Total	13,300	55	207,300	36	13,300	55	207,300	36
ALL OWNERS								
Recreational use	900	4	23,000	4	800	3	17,300	3
Sale of timber	2,300	9	156,700	28	1,200	5	128,000	23
Land value increase	1,000	4	109,400	19	1,400	6	126,600	22
Esthetic enjoyment	4,600	19	97,900	17	4,500	19	97,900	17
Farm and domestic use	6,800	28	86,400	15	4,800	19	97,900	17
Other	3,600	15	57,600	10	6,300	26	51,800	9
No answer	5,100	21	40,300	7	5,300	22	51,800	9
Total	24,300	100	571,300	100	24,300	100	571,300	100

Table 25.—Primary benefit expected in the next five years, by intention to harvest, number of owners, and acres of commercial forest land owned, Kentucky, 1975

Benefit	1 to 10 years		Indefinite		Will never harvest		No answer		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS										
Recreational use	1,200	**	2,000	**	7,300	2	*	**	10,500	2
Sale of timber	8,000	2	5,400	1	—	—	—	—	13,400	3
Land value increase	8,700	2	21,300	4	8,200	2	200	**	38,400	8
Esthetic enjoyment	5,700	1	35,600	8	39,500	9	100	**	80,900	18
Farm and domestic use	19,700	4	61,200	14	78,900	18	2,600	**	162,400	36
Other	400	**	9,300	3	20,700	4	—	—	30,400	7
No answer	7,700	2	28,700	6	52,300	11	30,900	7	119,600	26
Total	51,400	11	163,500	36	206,900	46	33,800	7	455,600	100
ACRES OWNED										
Recreational use	38,200	**	83,800	1	117,800	1	8,700	**	248,500	2
Sale of timber	748,900	7	222,700	2	—	—	—	—	971,600	9
Land value increase	779,000	7	1,481,000	13	424,300	4	14,400	**	2,698,700	24
Esthetic enjoyment	246,400	2	852,200	8	624,200	6	10,900	**	1,733,700	16
Farm and domestic use	505,800	5	1,507,600	14	659,000	6	62,400	**	2,734,800	25
Other	190,300	2	348,600	3	210,300	2	—	—	749,200	7
No answer	352,600	3	436,300	4	478,500	4	602,700	6	1,870,100	17
Total	2,861,200	26	4,932,200	45	2,514,100	23	699,100	6	11,006,600	100

* Fewer than 50 owners.

** Less than 0.5 percent.

Table 26.—Reason for harvesting, by ownership group, number of owners, and acres of commercial forest land owned, Kentucky, 1975

Reason	Individuals ^a		Corporations		Other ^b		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Timber mature	18,100	14	100	9	400	4	18,600	14
Good price	16,600	13	*	**	1,500	17	18,100	13
Land clearing	9,400	7	1,000	91	2,600	30	13,000	10
Need of money	30,700	25	—	—	2,700	31	33,400	24
Timber salvage	4,900	4	*	**	200	2	5,100	4
Own or company use	38,500	31	*	**	1,200	13	39,700	29
No answer	7,700	6	*	**	300	3	8,000	6
Total	125,900	100	1,100	100	8,900	100	135,900	100
ACRES OWNED								
Timber mature	991,900	21	275,000	31	76,000	18	1,342,900	22
Good price	568,600	12	53,300	6	75,400	18	697,300	13
Land clearing	337,500	7	142,900	16	26,700	6	507,100	8
Need of money	1,220,500	27	—	—	101,600	25	1,322,100	22
Timber salvage	385,300	8	72,400	8	11,700	3	469,400	8
Own or company use	796,100	17	327,500	37	89,700	21	1,213,300	20
No answer	356,200	8	22,700	2	39,600	9	418,500	7
Total	4,656,100	100	893,800	100	420,700	100	5,970,600	100

^a Includes joint ownerships.

^b Includes partnerships, undivided estates, clubs, associations, etc.

* Fewer than 50 owners.

** Less than 0.5 percent.

Table 27.—Reason for harvesting, by number of owners, acres of commercial forest land owned, and geographic units, Kentucky, 1975

Reason	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Timber mature	1,200	7	1,200	11	1,700	10	500	2
Good price	3,300	19	1,000	9	1,000	6	5,400	27
Land clearing	300	2	600	6	1,800	10	800	4
Need of money	4,300	25	2,800	27	7,600	44	1,600	8
Timber salvage	300	2	700	7	1,500	9	200	1
Own or company use	5,800	34	2,500	24	2,000	12	10,500	51
No answer	1,800	11	1,700	16	1,500	9	1,500	7
Total	17,000	100	10,500	100	17,100	100	20,500	100
ACRES OWNED								
Timber mature	274,200	28	118,500	15	182,100	19	71,000	12
Good price	107,900	11	56,100	7	130,600	14	82,800	14
Land clearing	15,400	2	56,100	7	95,000	10	46,400	8
Need of money	200,300	21	210,900	27	285,000	29	99,700	17
Timber salvage	88,100	9	62,200	8	77,700	8	39,600	7
Own or company use	241,600	25	175,600	22	120,900	12	191,000	33
No answer	39,600	4	113,300	14	77,700	8	56,300	9
Total	967,100	100	792,700	100	969,000	100	586,800	100
Reason	Pennyroyal		Western Coalfield		Western		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Timber mature	4,400	16	4,100	12	5,500	50	18,600	14
Good price	4,400	16	2,400	7	600	5	18,100	13
Land clearing	1,600	6	5,700	17	2,200	20	13,000	10
Need of money	5,400	20	10,600	33	1,100	10	33,400	24
Timber salvage	1,700	7	500	2	200	2	5,100	4
Own or company use	8,500	32	9,300	28	1,100	10	39,700	29
No answer	800	3	400	1	300	3	8,000	6
Total	26,800	100	33,000	100	11,000	100	135,900	100
ACRES OWNED								
Timber mature	326,900	28	226,200	21	144,000	40	1,342,900	22
Good price	150,900	12	134,500	12	34,500	9	697,300	13
Land clearing	77,600	6	205,100	19	11,500	3	507,100	8
Need of money	264,500	22	204,100	19	57,600	16	1,322,100	22
Timber salvage	132,300	11	52,200	5	17,300	5	469,400	8
Own or company use	186,300	15	227,600	21	70,300	19	1,213,300	20
No answer	70,800	6	32,000	3	28,800	8	418,500	7
Total	1,209,300	100	1,081,700	100	364,000	100	5,970,600	100

Table 28.—Reason for not harvesting, by ownership groups, number of owners, and acres of commercial forest land owned, Kentucky, 1975

Reason	Individual ^a		Corporation		Other ^b		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Immature	116,500	39	600	40	2,900	17	120,000	38
No market	2,500	1	—	—	—	—	2,500	1
Price too low	7,700	3	—	—	—	—	7,700	2
Destroy hunting	1,300	**	—	—	3,400	20	4,700	1
Selling the land	1,600	**	*	**	1,000	6	2,600	1
Ruin scenery	11,700	4	400	27	5,300	31	17,400	5
Land in estate	200	**	—	—	1,600	10	1,800	1
Distrust loggers	4,200	1	—	—	—	—	4,200	1
Opposed to harvest	2,200	1	—	—	—	—	2,200	1
Poor quality	5,200	2	—	—	200	1	5,400	2
Low volume	27,900	9	—	—	500	3	28,400	9
Fire hazard	500	**	—	—	—	—	500	**
Insufficient area	10,200	3	—	—	—	—	10,200	3
Other	47,100	16	300	20	1,800	11	49,200	15
No answer	62,500	21	200	13	200	1	62,900	20
Total	301,300	100	1,500	100	16,900	100	319,700	100
ACRES OWNED								
Immature	1,609,700	35	39,500	30	91,500	25	1,740,700	34
No market	55,700	1	—	—	—	—	55,700	1
Price too low	363,500	8	—	—	—	—	363,500	7
Destroy hunting	94,500	2	—	—	36,800	10	131,300	3
Selling the land	50,200	1	17,200	13	9,300	3	76,700	2
Ruin scenery	216,900	5	15,300	12	29,800	8	262,000	5
Land in estate	14,400	**	—	—	102,100	28	116,500	2
Distrust loggers	131,900	3	—	—	—	—	131,900	3
Opposed to harvest	99,000	2	—	—	—	—	99,000	2
Poor quality	158,200	3	—	—	19,100	5	177,300	4
Low volume	472,100	10	—	—	10,400	3	482,500	9
Fire hazard	27,700	1	—	—	—	—	27,700	1
Insufficient area	58,100	1	—	—	—	—	58,100	1
Other	484,800	11	46,300	36	36,400	10	567,500	11
No answer	707,400	17	11,700	9	26,500	8	745,600	15
Total	4,544,100	100	130,000	100	361,900	100	5,036,000	100

^a Includes joint ownerships.

^b Includes partnerships, undivided estates, clubs, associations, etc.

* Fewer than 50 owners.

** Less than 0.5 percent.

Table 29.—Reason for not harvesting, by number of owners, acres of commercial forest land owned, and geographic units, Kentucky, 1975

Reason	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Immature	8,200	19	8,000	19	23,400	48	24,000	45
No market	1,000	2	100	**	1,200	2	200	**
Price too low	400	1	1,500	3	1,300	3	500	1
Destroy hunting	100	**	300	1	3,200	6	—	—
Selling the land	—	—	500	1	—	—	400	1
Ruin scenery	6,000	14	3,200	7	100	**	1,900	3
Land in estate	1,100	3	400	1	200	**	—	—
Distrust loggers	500	1	*	**	—	—	500	1
Opposed to harvest	—	—	800	2	400	1	200	**
Poor quality	—	—	1,300	3	2,900	6	400	1
Low volume	1,700	4	1,800	4	8,800	18	2,600	5
Fire hazard	—	—	—	—	200	**	300	**
Insufficient area	—	—	4,300	10	—	—	3,600	7
Other	15,200	35	4,500	10	1,000	2	6,900	13
No answer	9,000	21	17,000	39	7,200	14	12,300	23
Total	43,200	100	43,700	100	49,900	100	53,800	100
ACRES OWNED								
Immature	306,300	37	230,600	24	302,300	40	194,900	28
No market	15,400	2	10,900	1	8,600	1	20,800	3
Price too low	14,700	2	93,700	10	51,800	7	41,600	6
Destroy hunting	15,400	2	32,800	4	25,900	3	—	—
Selling the land	—	—	28,100	3	8,700	1	10,400	1
Ruin scenery	46,000	5	36,800	4	17,300	2	52,100	7
Land in estate	79,200	9	17,200	2	8,600	1	—	—
Distrust loggers	14,700	2	10,900	1	8,600	1	38,600	5
Opposed to harvest	—	—	38,900	4	17,200	2	10,400	1
Poor quality	—	—	50,100	5	51,800	7	31,200	5
Low volume	39,600	5	114,400	12	103,600	14	82,300	11
Fire hazard	—	—	—	—	17,300	2	10,400	1
Insufficient area	—	—	8,600	1	—	—	22,700	3
Other	97,600	12	69,600	7	69,100	9	94,000	13
No answer	204,600	24	208,800	22	77,800	10	112,600	16
Total	833,500	100	951,400	100	768,600	100	722,000	100

CONTINUED

Table 29.—Continued

Reason	Pennyroyal		Western Coalfield		Western		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Immature	35,400	58	19,500	36	1,500	11	120,000	38
No market	—	—	—	—	—	—	2,500	1
Price too low	1,100	2	2,600	5	300	2	7,700	2
Destroy hunting	600	1	300	1	200	2	4,700	1
Selling the land	900	1	800	1	—	—	2,600	1
Ruin scenery	3,400	6	600	1	2,200	16	17,400	5
Land in estate	—	—	—	—	100	1	1,800	1
Distrust loggers	2,600	4	600	1	—	—	4,200	1
Opposed to harvest	700	1	—	—	100	1	2,200	1
Poor quality	100	**	500	1	200	2	5,400	2
Low volume	7,500	12	3,700	7	2,300	17	28,400	9
Fire hazard	—	—	—	—	—	—	500	**
Insufficient area	1,100	2	600	1	600	5	10,200	3
Other	4,400	7	13,300	24	3,900	29	49,200	15
No answer	3,500	6	12,000	22	1,900	14	62,900	20
Total	61,300	100	54,500	100	13,300	100	319,700	100
ACRES OWNED								
Immature	309,200	39	357,100	48	40,300	19	1,740,700	34
No market	—	—	—	—	—	—	55,700	1
Price too low	60,200	7	84,200	11	17,300	8	363,500	7
Destroy hunting	25,500	3	20,200	3	11,500	6	131,300	3
Selling the land	9,300	1	20,200	3	—	—	76,700	2
Ruin scenery	52,200	6	28,800	4	28,800	14	262,000	5
Land in estate	—	—	—	—	11,500	6	116,500	2
Distrust loggers	41,600	5	11,700	2	5,800	3	131,900	3
Opposed to harvest	26,700	3	—	—	5,800	3	99,000	2
Poor quality	9,300	1	23,400	3	11,500	6	177,300	4
Low volume	61,500	8	63,900	8	17,200	8	482,500	9
Fire hazard	—	—	—	—	—	—	27,700	1
Insufficient area	9,300	1	11,700	2	5,800	3	58,100	1
Other	121,700	15	81,000	11	34,500	16	567,500	11
No answer	89,400	11	35,100	5	17,300	8	745,600	15
Total	815,900	100	737,300	100	207,300	100	5,036,000	100

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 30.—Expected time of future timber harvest, by number of owners and acres owned, for owners who have previously harvested and owners who have not, Kentucky, 1975

Expected time	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED				
0-5 years	21,900	5	1,611,100	14
5-10 years	5,800	1	525,100	5
Indefinite	62,400	14	2,621,300	24
Will never harvest	40,800	9	950,000	9
No answer	5,000	1	263,100	2
Total	135,900	30	5,970,600	54
OWNERS WHO HAVE NOT HARVESTED				
0-5 years	14,300	3	375,700	4
5-10 years	9,400	2	349,200	3
Indefinite	101,100	22	2,311,000	21
Will never harvest	166,100	37	1,564,100	14
No answer	28,800	6	436,000	4
Total	319,700	70	5,036,000	46
ALL OWNERS				
0-5 years	36,200	8	1,986,800	18
5-10 years	15,200	3	874,300	8
Indefinite	163,500	36	4,932,300	45
Will never harvest	206,900	46	2,514,100	23
No answer	33,800	7	699,100	6
Total	455,600	100	11,006,600	100

Table 31.—Expected time of future timber harvest, by number of owners and acres owned, for owners who have previously harvested and owners who have not, in the EASTERN geographic unit of Kentucky, 1975

Expected time	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED				
0-5 years	800	1	431,400	24
5-10 years	*	**	27,000	2
Indefinite	12,000	20	282,800	16
Will never harvest	4,000	7	210,500	11
No answer	200	**	15,400	1
Total	17,000	28	967,100	54
OWNERS WHO HAVE NOT HARVESTED				
0-5 years	1,000	2	60,000	3
5-10 years	—	—	—	—
Indefinite	7,200	12	351,100	19
Will never harvest	27,800	46	280,800	16
No answer	7,200	12	141,600	8
Total	43,200	72	833,500	46
ALL OWNERS				
0-5 years	1,800	3	491,400	27
5-10 years	*	**	27,000	2
Indefinite	19,200	32	633,900	35
Will never harvest	31,800	53	491,300	27
No answer	7,400	12	157,000	9
Total	60,200	100	1,800,600	100

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 32.—Expected time of future timber harvest, by number of owners and acres owned, for owners who have previously harvested and owners who have not, in the NORTHERN CUMBERLAND geographic unit of Kentucky, 1975

Expected time	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED				
0-5 years	700	1	176,800	10
5-10 years	300	**	41,400	3
Indefinite	4,000	8	290,100	16
Will never harvest	4,000	8	193,000	11
No answer	1,500	2	91,400	5
Total	10,500	19	792,700	45
OWNERS WHO HAVE NOT HARVESTED				
0-5 years	1,100	2	52,400	3
5-10 years	400	1	56,300	3
Indefinite	11,200	21	444,800	26
Will never harvest	19,100	35	263,400	15
No answer	11,900	22	134,500	8
Total	43,700	81	951,400	55
ALL OWNERS				
0-5 years	1,800	3	229,200	13
5-10 years	700	1	97,700	6
Indefinite	15,200	28	734,900	42
Will never harvest	23,100	43	456,400	26
No answer	13,400	25	225,900	13
Total	54,200	100	1,744,100	100

**Less than 0.5 percent.

Table 33.—Expected time of future timber harvest, by number of owners and acres owned, for owners who have previously harvested and owners who have not, in the SOUTHERN CUMBERLAND geographic unit of Kentucky, 1975

Expected time	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED				
0-5 years	1,800	3	164,800	9
5-10 years	600	1	86,400	5
Indefinite	6,600	10	536,500	31
Will never harvest	6,600	10	129,500	8
No answer	1,500	2	51,800	3
Total	17,100	26	969,000	56
OWNERS WHO HAVE NOT HARVESTED				
0-5 years	4,400	6	51,800	3
5-10 years	100	**	8,600	1
Indefinite	17,200	26	371,300	21
Will never harvest	27,100	40	302,300	17
No answer	1,100	2	34,600	2
Total	49,900	74	768,600	44
ALL OWNERS				
0-5 years	6,200	9	216,600	12
5-10 years	700	1	95,000	6
Indefinite	23,800	36	907,800	52
Will never harvest	33,700	50	431,800	25
No answer	2,600	4	86,400	5
Total	67,000	100	1,737,600	100

**Less than 0.5 percent.

Table 34.—Expected time of future timber harvest, by number of owners and acres owned, for owners who have previously harvested and owners who have not, in the BLUEGRASS geographic unit of Kentucky, 1975

Expected time	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED				
0-5 years	1,000	1	120,200	9
5-10 years	1,100	2	105,700	8
Indefinite	6,300	8	255,200	20
Will never harvest	10,800	15	74,500	6
No answer	1,300	2	31,200	2
Total	20,500	28	586,800	45
OWNERS WHO HAVE NOT HARVESTED				
0-5 years	2,900	4	59,400	5
5-10 years	2,300	3	83,200	6
Indefinite	12,400	16	276,100	21
Will never harvest	29,500	40	231,400	17
No answer	6,700	9	71,900	6
Total	53,800	72	722,000	55
ALL OWNERS				
0-5 years	3,900	5	179,600	14
5-10 years	3,400	5	188,900	14
Indefinite	18,700	24	531,300	41
Will never harvest	40,300	55	305,900	23
No answer	8,000	11	103,100	8
Total	74,300	100	1,308,800	100

Table 35.—Expected time of future timber harvest, by number of owners and acres owned, for owners who have previously harvested and owners who have not, in the PENNYROYAL geographic unit of Kentucky, 1975

Expected time	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED				
0-5 years	10,900	12	252,400	12
5-10 years	600	1	116,200	6
Indefinite	12,600	14	658,800	33
Will never harvest	2,500	3	137,800	7
No answer	200	**	44,100	2
Total	26,800	30	1,209,300	60
OWNERS WHO HAVE NOT HARVESTED				
0-5 years	3,600	4	85,600	4
5-10 years	3,000	4	78,900	4
Indefinite	17,200	20	381,300	18
Will never harvest	35,600	40	216,700	11
No answer	1,900	2	53,400	3
Total	61,300	70	815,900	40
ALL OWNERS				
0-5 years	14,500	16	338,000	16
5-10 years	3,600	5	195,100	10
Indefinite	29,800	34	1,040,100	51
Will never harvest	38,100	43	354,500	18
No answer	2,100	2	97,500	5
Total	88,100	100	2,025,200	100

**Less than 0.5 percent.

Table 36.—Expected time of future harvest, by number of owners and acres owned, for owners who have previously harvested and owners who have not, in the WESTERN COALFIELD geographic unit of Kentucky, 1975

Expected time	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED				
0-5 years	5,400	6	326,100	18
5-10 years	2,900	3	125,400	7
Indefinite	13,500	16	459,700	25
Will never harvest	11,000	13	147,100	8
No answer	200	**	23,400	1
Total	33,000	38	1,081,700	59
OWNERS WHO HAVE NOT HARVESTED				
0-5 years	1,300	2	60,700	3
5-10 years	3,300	4	110,700	6
Indefinite	29,200	33	354,000	20
Will never harvest	20,700	23	211,900	12
No answer	—	—	—	—
Total	54,500	62	737,300	41
ALL OWNERS				
0-5 years	6,700	8	386,800	21
5-10 years	6,200	7	236,100	13
Indefinite	42,700	49	813,700	45
Will never harvest	31,700	36	359,000	20
No answer	200	**	23,400	1
Total	87,500	100	1,819,000	100

**Less than 0.5 percent.

Table 37.—Expected time of future timber harvest, by number of owners and acres owned, for owners who have previously harvested and owners who have not, in the WESTERN geographic unit of Kentucky, 1975

Expected time	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
OWNERS WHO HARVESTED				
0-5 years	1,300	5	139,400	25
5-10 years	300	1	23,000	4
Indefinite	7,400	30	138,200	24
Will never harvest	1,900	8	57,600	10
No answer	100	1	5,800	1
Total	11,000	45	364,000	64
OWNERS WHO HAVE NOT HARVESTED				
0-5 years	—	—	5,800	1
5-10 years	300	1	11,500	2
Indefinite	6,700	28	132,400	23
Will never harvest	6,300	26	57,600	10
No answer	—	—	—	—
Total	13,300	55	207,300	36
ALL OWNERS				
0-5 years	1,300	5	145,200	26
5-10 years	600	2	34,500	6
Indefinite	14,100	58	270,600	47
Will never harvest	8,200	34	115,200	20
No answer	100	1	5,800	1
Total	24,300	100	571,300	100

Table 38.—Expected time of future timber harvest, by size class of ownership, number of owners, and acres of commercial forest land owned, Kentucky, 1975

Size class (acres)	0 to 10 years		Indefinite		Will never harvest		No answer		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS										
1-9	16,000	3	73,400	16	153,200	34	18,400	4	261,000	57
10-19	11,900	3	27,000	6	14,700	3	4,500	1	58,100	13
20-49	13,300	3	35,200	8	26,000	5	7,700	2	82,200	18
50-99	5,500	1	17,400	4	9,100	3	2,500	**	34,500	8
100-199	2,900	1	7,000	1	3,400	1	400	**	13,700	3
200-499	1,400	**	3,000	1	500	**	200	**	5,100	1
500-999	300	**	300	**	*	**	100	**	700	**
1,000 +	100	**	200	**	*	**	*	**	300	**
Total	51,400	11	163,500	36	206,900	46	33,800	7	455,600	100
ACRES OWNED										
1-9	61,800	1	304,400	3	364,200	3	75,500	1	805,900	8
10-19	151,000	1	328,900	3	189,600	2	58,300	**	727,800	6
20-49	389,000	4	1,054,100	9	763,800	7	215,300	2	2,422,200	22
50-99	363,800	3	1,091,500	10	577,700	5	181,400	2	2,214,400	20
100-199	376,200	3	857,000	8	430,600	5	56,500	**	1,720,300	16
200-499	398,700	4	792,100	7	140,700	1	77,500	1	1,409,000	13
500-999	202,300	2	192,900	2	9,500	**	17,300	**	422,000	4
1,000 +	918,400	8	311,300	3	38,000	**	17,300	**	1,285,000	11
Total	2,861,200	26	4,932,200	45	2,514,100	23	699,100	6	11,006,600	100

* Fewer than 50 owners.

** Less than 0.5 percent.

Table 39.—Person choosing timber to be harvested, by number of owners, acres of commercial forest land owned, and geographic units, Kentucky, 1975

Individual selecting timber	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
EASTERN				
Landowner	10,500	62	407,700	42
Forester	*	**	126,000	13
Buyer	700	4	141,300	15
Landowner and forester	—	—	—	—
Landowner and buyer	*	**	30,700	3
Other	*	**	66,000	7
No answer	5,800	34	195,400	20
Total	17,000	100	967,100	100
NORTHERN CUMBERLAND				
Landowner	6,500	62	431,800	55
Forester	200	2	44,000	6
Buyer	1,600	15	114,800	14
Landowner and forester	*	**	35,000	5
Landowner and buyer	300	3	19,600	2
Other	300	3	25,600	3
No answer	1,600	15	121,900	15
Total	10,500	100	792,700	100
SOUTHERN CUMBERLAND				
Landowner	6,800	40	466,300	48
Forester	500	3	43,900	5
Buyer	7,200	42	293,600	30
Landowner and forester	*	**	8,700	1
Landowner and buyer	200	1	52,900	5
Other	—	—	—	—
No answer	2,400	14	103,600	11
Total	17,100	100	969,000	100
BLUEGRASS				
Landowner	6,500	32	259,500	44
Forester	300	2	47,200	8
Buyer	5,800	28	114,800	20
Landowner and forester	200	1	30,100	5
Landowner and buyer	100	**	27,300	5
Other	800	4	19,100	3
No answer	6,800	33	88,800	15
Total	20,500	100	586,800	100
PENNYROYAL				
Landowner	15,600	58	685,000	56
Forester	100	**	18,300	2
Buyer	7,700	29	322,900	27
Landowner and forester	*	**	26,700	2
Landowner and buyer	2,100	8	78,800	7
Other	200	1	16,100	1
No answer	1,100	4	61,500	5
Total	26,800	100	1,209,300	100

CONTINUED

Table 39.—Continued

Individual selecting timber	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
WESTERN COALFIELD				
Landowner	18,500	56	492,400	45
Forester	400	2	62,500	6
Buyer	11,600	35	311,700	29
Landowner and forester	*	**	8,600	1
Landowner and buyer	400	1	60,700	6
Other	1,500	4	43,600	4
No answer	600	2	102,200	9
Total	33,000	100	1,081,700	100
WESTERN				
Landowner	4,400	40	144,000	39
Forester	500	4	64,600	17
Buyer	5,500	50	103,600	28
Landowner and forester	100	1	5,700	2
Landowner and buyer	100	1	17,300	5
Other	100	1	11,500	4
No answer	300	3	17,300	5
Total	11,000	100	364,000	100
TOTAL				
Landowner	68,800	51	2,886,700	48
Forester	2,000	1	406,500	7
Buyer	40,100	30	1,402,700	23
Landowner and forester	300	**	114,800	2
Landowner and buyer	3,200	2	287,300	5
Other	2,900	2	181,900	3
No answer	18,600	14	690,700	12
Total	135,900	100	5,970,600	100

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 40.—Method of selecting timber to be harvested, by number of owners, acres of commercial forest land owned, and geographic units, Kentucky, 1975

Method of selecting timber	Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent
EASTERN				
Selection	1,300	8	106,200	11
Diameter limit	1,500	9	304,600	31
Clearcutting	1,500	9	48,500	5
Land clearing	1,900	11	54,200	6
Combination of methods	*	**	182,700	19
Other	600	4	54,300	6
Don't know	4,000	23	78,500	8
No answer	6,200	36	138,100	14
Total	17,000	100	967,100	100
NORTHERN CUMBERLAND				
Selection	1,800	17	140,400	18
Diameter limit	2,200	21	194,300	24
Clearcutting	1,100	10	78,800	10
Land clearing	900	9	84,100	11
Combination of methods	500	5	47,500	6
Other	700	7	41,400	5
Don't know	1,500	14	78,200	10
No answer	1,800	17	128,000	16
Total	10,500	100	792,700	100
SOUTHERN CUMBERLAND				
Selection	1,300	8	146,800	15
Diameter limit	4,300	5	390,400	40
Clearcutting	500	3	51,800	5
Land clearing	1,800	11	86,400	9
Combination of methods	200	1	17,300	2
Other	6,000	35	103,600	11
Don't know	600	3	51,800	5
No answer	2,400	14	120,900	13
Total	17,100	100	969,000	100
BLUEGRASS				
Selection	1,000	4	129,500	22
Diameter limit	9,400	46	164,200	29
Clearcutting	200	1	29,500	5
Land clearing	1,300	7	48,100	8
Combination of methods	600	3	36,800	6
Other	600	3	24,300	4
Don't know	400	2	42,900	7
No answer	7,000	34	111,500	19
Total	20,500	100	586,800	100

CONTINUED

Table 40.—Continued

Method of selecting timber	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
PENNYROYAL				
Selection	9,400	35	209,900	17
Diameter limit	6,500	24	413,900	34
Clearcutting	2,600	10	186,900	16
Land clearing	900	3	50,900	4
Combination of methods	1,500	6	96,200	8
Other	2,200	8	92,500	8
Don't know	2,300	9	70,800	6
No answer	1,400	5	88,200	7
Total	26,800	100	1,209,300	100
WESTERN COALFIELD				
Selection	4,800	15	202,200	18
Diameter limit	14,200	43	379,800	35
Clearcutting	1,400	4	72,400	7
Land clearing	6,900	21	181,700	17
Combination of methods	200	1	99,000	9
Other	—	—	—	—
Don't know	4,100	12	82,700	8
No answer	1,400	4	63,900	6
Total	33,000	100	1,081,700	100
WESTERN				
Selection	2,400	22	103,700	28
Diameter limit	3,300	30	115,200	33
Clearcutting	4,600	42	51,800	14
Land clearing	—	—	—	—
Combination of methods	100	1	41,500	11
Other	*	**	11,500	3
Don't know	100	1	11,500	3
No answer	500	4	28,800	8
Total	11,000	100	364,000	100
TOTAL				
Selection	22,000	16	1,038,700	17
Diameter	41,400	31	1,962,400	34
Clearcutting	11,900	9	519,700	9
Land clearing	13,700	10	505,400	8
Combination of methods	3,100	2	521,000	9
Other	10,100	7	327,600	5
Don't know	13,000	10	416,400	7
No answer	20,700	15	679,400	11
Total	135,900	100	5,970,600	100

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 41.—Person choosing timber to be harvested, by method of selecting timber, number of owners, and acres of commercial forest land owned, Kentucky, 1975

Individual selecting timber	Selection	Diameter limit	Clearcutting	Land clearing		Don't know	Total	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Landowner	15,500	25,200	5,700	8,600	6,700	7,100	68,800	51
Forester	1,300	100	*	200	400	—	2,000	1
Buyer	3,000	14,700	6,200	4,400	7,300	4,500	40,100	30
Landowner and forester	100	100	*	—	100	*	300	**
Landowner and buyer	700	600	*	200	700	1,000	3,200	2
Other ^b	1,400	700	—	*	700	100	2,900	2
No answer	—	*	—	300	18,000	300	18,600	14
Total	22,600	41,400	11,900	13,700	33,900	13,000	135,900	100
ACRES OWNED								
Landowner	599,200	968,500	293,800	382,700	419,000	223,500	2,886,700	48
Forester	179,100	154,200	11,700	17,000	44,500	—	406,500	7
Buyer	190,100	655,900	167,500	34,300	225,900	129,000	1,402,700	23
Landowner and forester	10,400	13,800	35,000	—	47,000	8,600	114,800	2
Landowner and buyer	43,300	125,600	11,700	16,700	66,300	23,700	287,300	5
Other ^b	16,600	35,100	—	23,400	92,500	14,300	181,900	3
No answer	—	9,300	—	31,300	632,800	17,300	690,700	12
Total	1,038,700	1,962,400	519,700	505,400	1,528,000	416,400	5,970,600	100

* Fewer than 50 owners.

** Less than 0.5 percent.

^a Includes combination of methods.

^b Includes friend and other combinations of people.

Table 42.—Timber harvested, by product, number of owners, acres of commercial forest land owned, and geographic unit, Kentucky, 1975

Product	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Sawlogs	9,500	56	6,000	57	11,000	64	5,800	29
Veneer logs	—	—	600	6	100	1	5,100	25
Pulpwood	—	—	300	3	500	3	—	—
Posts, poles, pilings	—	—	300	3	—	—	3,600	18
One other product	1,300	7	100	1	200	1	300	1
Sawlogs and veneer	100	1	700	6	500	3	*	**
Sawlogs and pulpwood	—	—	200	2	1,600	9	200	1
Sawlogs & posts, poles, piling	—	—	100	1	100	1	2,500	12
Other two product combination	300	2	100	1	500	3	100	—
Three product combination	*	**	100	1	200	1	200	1
Four or more products	*	**	—	—	100	1	—	—
Don't know	—	—	200	2	300	2	100	—
No answer	5,800	34	1,800	17	2,000	11	2,600	13
Total	17,000	100	10,500	100	17,100	100	20,500	100
ACRES OWNED								
Sawlogs	443,700	46	417,600	53	554,500	57	215,800	37
Veneer logs	—	—	34,000	4	25,900	3	65,900	11
Pulpwood	—	—	21,900	3	34,500	4	—	—
Posts, poles, pilings	—	—	28,000	4	—	—	27,300	4
One other product	39,600	4	8,600	1	17,300	2	26,400	4
Sawlogs and veneer	24,200	3	47,500	6	43,200	4	28,200	5
Sawlogs and pulpwood	—	—	76,500	10	60,500	6	9,500	2
Sawlogs & posts, poles, pilings	—	—	8,600	1	25,900	3	91,800	16
Other two product combination	66,600	7	8,600	1	34,500	3	10,400	2
Three product combination	58,000	6	10,900	1	34,500	3	30,300	5
Four or more products	139,600	14	—	—	25,900	3	9,500	2
Don't know	—	—	17,200	2	25,900	3	10,400	2
No answer	195,400	20	113,300	14	86,400	9	61,300	10
Total	967,100	100	792,700	100	969,000	100	586,800	100

Product	Pennyroyal		Western Coalfield		Western		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Sawlogs	13,800	52	21,500	65	6,100	55	73,700	54
Veneer logs	400	1	1,400	4	200	2	7,800	6
Pulpwood	100	**	—	—	—	—	900	1
Posts, poles, pilings	200	1	1,200	4	—	—	5,300	4
One other product	1,600	6	1,000	3	*	**	4,500	3
Sawlogs and veneer	1,800	7	1,400	4	100	1	4,600	4
Sawlogs and pulpwood	300	1	—	—	800	7	3,100	2
Sawlogs & posts, poles, pilings	900	3	1,800	5	3,000	27	8,400	6
Other two product combination	600	2	200	1	200	2	2,000	1
Three product combination	5,200	20	200	1	100	1	6,000	5
Four or more products	—	—	*	**	100	1	200	**
Don't know	100	**	3,800	11	*	**	4,500	3
No answer	1,800	7	500	2	400	4	14,900	11
Total	26,800	100	33,000	100	11,000	100	135,900	100

ACRES OWNED								
Sawlogs	762,200	63	573,000	53	207,300	57	3,174,100	53
Veneer logs	34,800	3	50,800	5	11,500	3	222,900	4
Pulpwood	8,100	1	—	—	—	—	64,500	1
Posts, poles, pilings	52,200	4	30,500	3	—	—	138,000	2
One other product	49,600	4	17,100	2	5,800	2	164,400	3
Sawlogs and veneer	52,100	4	27,400	3	5,800	2	228,400	4
Sawlogs and pulpwood	32,200	3	—	—	11,500	3	190,200	3
Sawlogs & posts, poles, pilings	44,200	4	47,600	4	23,000	6	241,100	4
Other two product combination	25,500	2	99,000	9	11,500	3	256,100	4
Three product combination	60,300	5	35,100	3	17,300	5	246,400	4
Four or more products	—	—	28,800	3	35,700	10	239,500	4
Don't know	18,700	1	70,200	6	11,500	3	153,900	3
No answer	69,400	6	102,200	9	23,100	6	651,100	11
Total	1,209,300	100	1,081,700	100	364,000	100	5,970,600	100

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 43.—Agency that owners would contact for forestry assistance, by number of owners, acres of commercial forest land owned, and geographic units, Kentucky, 1975

Agency	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
State forestry	10,600	18	10,400	19	13,800	21	15,000	20
Soil Conservation Service	100	**	300	1	300	**	900	1
Forest Service	300	1	200	**	4,000	6	*	**
Agricultural Stabilization and Conservation Service	—	—	1,500	3	2,500	4	1,000	1
Consultant or industry forester	*	**	*	**	*	**	—	—
Extension Service	*	**	300	1	100	**	*	**
Other	—	—	200	**	*	**	—	—
Don't know	38,100	63	13,400	25	29,000	43	18,700	25
No answer	11,100	18	27,900	51	17,300	26	38,700	53
Total	60,200	100	54,200	100	67,000	100	74,300	100
ACRES OWNED								
State forestry	391,500	22	497,800	28	492,900	29	254,900	19
Soil Conservation Service	38,900	2	17,000	1	25,900	2	30,300	2
Forest Service	30,000	2	19,500	1	112,300	6	40,700	3
Agricultural Stabilization and Conservation Service	—	—	36,800	2	69,100	4	51,100	4
Consultant or industry forester	169,600	9	74,100	4	8,600	**	—	—
Extension Service	29,400	2	10,900	1	17,300	1	9,500	1
Other	—	—	11,000	1	8,600	**	—	—
Don't know	683,400	38	604,800	35	630,400	36	481,400	37
No answer	457,800	25	472,200	27	372,500	22	440,900	34
Total	1,800,600	100	1,744,100	100	1,737,600	100	1,308,800	100

Agency	Pennyroyal		Western Coalfield		Western		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
State forestry	20,700	24	6,100	7	4,000	16	80,600	18
Soil Conservation Service	4,800	5	800	1	—	—	7,200	2
Forest Service	2,000	2	*	**	*	**	6,500	1
Agricultural Stabilization and Conservation Service	800	1	2,000	2	700	3	8,500	2
Consultant or industry forester	—	—	*	**	200	1	200	**
Extension Service	100	**	1,900	2	—	—	2,400	1
Other	1,600	2	—	—	400	2	2,200	**
Don't know	40,400	46	49,300	56	13,100	54	202,000	44
No answer	17,700	20	27,400	32	5,900	24	146,000	32
Total	88,100	100	87,500	100	24,300	100	455,600	100
ACRES OWNED								
State forestry	594,500	29	418,800	23	161,300	28	2,811,700	26
Soil Conservation Service	41,600	2	55,400	3	—	—	209,100	2
Forest Service	61,500	3	11,700	1	5,800	1	281,500	3
Agricultural Stabilization and Conservation Service	53,400	3	40,500	2	34,500	6	285,400	3
Consultant or industry forester	—	—	43,700	2	35,800	6	331,800	3
Extension Service	9,300	**	42,200	2	—	—	118,600	1
Other	17,400	1	—	—	11,500	2	48,500	**
Don't know	820,900	41	781,900	44	230,400	41	4,233,200	38
No answer	426,600	21	424,800	23	92,000	16	2,686,800	24
Total	2,025,200	100	1,819,000	100	571,300	100	11,006,600	100

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 44.—Forestry services received, by nature of service, number of owners, acres of commercial forest land owned, and geographic units, Kentucky, 1975

Service received	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Timber marking	*	**	—	—	700	1	300	**
Timber stand improvement	500	1	100	**	800	1	*	**
Planting	100	**	400	1	1,000	1	1,200	2
Timber sales administration	*	**	*	**	700	1	—	—
Insect and disease control	600	1	—	—	—	—	100	**
Timber evaluation	200	**	200	**	500	1	400	1
Surveying	—	—	—	—	400	1	—	—
Management	*	**	1,000	2	400	1	1,400	2
Other	100	**	*	**	200	**	500	1
No answer	58,700	98	52,500	97	64,300	96	70,600	95
Total ^a	60,200	100	54,200	100	67,000	100	74,300	100
ACRES OWNED								
Timber marking	30,000	2	—	—	69,100	4	19,900	2
Timber stand improvement	15,300	1	11,000	1	60,500	3	10,400	1
Planting	15,300	1	38,900	2	43,200	2	52,200	4
Timber sales administration	43,300	2	11,000	1	17,300	1	—	—
Insect and disease control	24,200	1	—	—	—	—	7,400	1
Timber evaluation	44,700	2	56,300	3	51,800	3	39,900	3
Surveying	—	—	—	—	17,300	1	—	—
Management	193,200	11	174,100	10	113,000	7	58,500	4
Other	15,300	1	10,900	1	17,300	1	10,400	1
No answer	1,433,700	80	1,463,900	84	1,460,500	84	1,129,300	86
Total ^a	1,800,600	100	1,744,100	100	1,737,600	100	1,308,800	100

Service received	Pennyroyal		Western Coalfield		Western		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Timber marking	500	1	400	1	1,400	6	3,300	1
Timber stand improvement	300	**	200	**	*	**	1,900	**
Planting	5,100	6	300	**	—	—	8,100	2
Timber sales administration	100	**	*	**	—	—	800	**
Insect and disease control	—	—	100	**	—	—	800	**
Timber evaluation	400	**	1,400	2	800	3	3,900	1
Surveying	—	—	100	**	—	—	500	**
Management	2,700	3	300	**	200	1	6,000	1
Other	—	—	—	—	*	**	800	**
No answer	79,600	90	84,800	97	22,000	91	432,500	95
Total ^a	88,100	100	87,500	100	24,300	100	455,600	100
ACRES OWNED								
Timber marking	26,700	1	64,300	4	46,100	8	256,100	2
Timber stand improvement	61,500	3	8,500	**	11,500	2	178,700	2
Planting	84,400	4	28,800	2	—	—	262,800	2
Timber sales administration	18,600	1	35,100	2	—	—	125,300	1
Insect and disease control	—	—	11,700	1	—	—	43,300	**
Timber evaluation	76,400	4	87,300	5	51,800	9	408,200	4
Surveying	—	—	10,300	1	—	—	27,600	**
Management	102,700	5	67,900	4	40,300	7	749,700	7
Other	—	—	—	—	5,800	1	59,700	1
No answer	1,729,900	85	1,537,400	85	456,100	80	9,210,800	84
Total ^a	2,025,200	100	1,819,000	100	571,300	100	11,006,600	100

^a 23,100 owner—5 percent—owning 1,795,800 acres—16 percent of the acreage—received some form of forestry assistance. Columns do not add to totals because some owners received more than one service.

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 45.—Estimated number of owners who permit and do not permit public use of their land, by acres of commercial forest land owned, and by geographic unit, Kentucky, 1975

Public use	Owners		Commercial forest land owned	
	Number	Percent	Acres	Percent
EASTERN				
Permitted	31,800	53	1,085,500	60
Not permitted	15,400	25	281,800	16
No answer	13,000	22	433,300	24
Total	60,200	100	1,800,600	100
NORTHERN CUMBERLAND				
Permitted	18,000	33	938,600	54
Not permitted	10,200	19	386,600	22
No answer	26,000	48	418,900	24
Total	54,200	100	1,744,100	100
SOUTHERN CUMBERLAND				
Permitted	30,000	45	1,064,000	61
Not permitted	19,700	29	414,500	24
No answer	17,300	26	259,100	15
Total	67,000	100	1,737,600	100
BLUEGRASS				
Permitted	12,600	17	412,400	32
Not permitted	42,900	58	706,200	54
No answer	18,800	25	190,200	14
Total	74,300	100	1,308,800	100
PENNYROYAL				
Permitted	34,300	39	1,000,700	50
Not permitted	40,300	46	815,900	40
No answer	13,500	15	208,600	10
Total	88,100	100	2,025,200	100
WESTERN COALFIELD				
Permitted	40,500	46	894,200	49
Not permitted	37,500	43	707,500	39
No answer	9,500	11	217,300	12
Total	87,500	100	1,819,000	100
WESTERN				
Permitted	11,000	45	329,400	58
Not permitted	7,300	30	184,300	32
No answer	6,000	25	57,600	10
Total	24,300	100	571,300	100
TOTAL				
Permitted	178,200	39	5,724,800	52
Not permitted	173,300	38	3,496,800	32
No answer	104,100	23	1,785,000	16
Total	455,600	100	11,006,600	100

Table 46.—Estimated number of owners who permit use, by uses permitted, acres of commercial forest land owned, and geographic units, Kentucky, 1975

Use	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Hiking	5,700	9	4,300	8	11,200	17	1,400	2
Picnicking	6,100	10	3,700	7	7,900	12	1,600	2
Camping	4,500	7	4,100	8	7,300	11	600	1
Fishing	1,800	3	3,300	6	6,300	9	6,500	9
Hunting	29,900	50	15,000	28	28,200	42	7,000	9
Snowmobiling	800	1	1,100	2	3,200	5	—	—
Other	100	**	200	**	1,600	2	300	**
Total ^a	31,800	53	18,000	33	30,000	45	12,600	17
ACRES OWNED								
Hiking	586,300	33	320,200	18	467,000	27	126,900	10
Picnicking	488,700	27	239,600	14	372,100	21	138,200	11
Camping	434,500	24	259,200	15	328,900	19	70,200	5
Fishing	247,500	14	168,400	10	233,900	13	149,800	11
Hunting	993,600	55	886,200	51	951,700	55	331,100	25
Snowmobiling	70,500	4	77,100	4	52,600	3	—	—
Other	66,300	4	28,200	2	43,200	2	20,800	2
Total ^a	1,085,500	60	938,600	54	1,064,000	61	412,400	32
Use	Pennyroyal		Western Coalfield		Western		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Hiking	11,600	13	13,400	15	7,500	31	55,100	12
Picnicking	8,800	10	2,100	2	5,400	22	35,600	8
Camping	6,500	7	1,500	2	2,300	9	26,800	6
Fishing	5,300	6	3,700	4	2,500	10	29,400	6
Hunting	30,500	35	37,300	43	6,600	27	154,500	34
Snowmobiling	500	1	100	**	—	—	5,700	1
Other	2,600	3	200	**	300	1	5,300	1
Total ^a	34,300	39	40,500	46	11,000	45	178,200	39
ACRES OWNED								
Hiking	448,700	22	260,500	14	168,200	29	2,377,800	22
Picnicking	366,100	18	171,400	9	139,400	24	1,915,500	17
Camping	339,300	17	226,800	12	116,300	20	1,775,200	16
Fishing	265,500	13	281,700	15	99,100	17	1,445,900	13
Hunting	852,300	42	781,300	43	277,600	49	5,073,800	46
Snowmobiling	45,000	2	31,900	2	—	—	277,100	3
Other	34,700	2	28,800	2	11,500	2	233,500	2
Total ^a	1,000,700	50	894,200	49	329,400	58	5,724,800	52

**Less than 0.5 percent.

^aColumns do not add to totals because some owners permit more than one use by the public.

Table 47.—Estimated number of private owners of commercial forest land and acres owned, by reason for posting the land and geographic unit, Kentucky, 1975

Reason	Eastern		Northern Cumberland		Southern Cumberland		Bluegrass	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
OWNERS								
Abuse	—	—	*	**	500	1	2,200	3
Safety	400	1	200	**	200	**	100	**
Liability	*	**	*	**	—	—	—	—
Access	*	**	700	1	100	**	3,700	5
Hunting	5,100	8	600	1	600	1	2,100	3
Reason not specified	*	**	300	1	1,500	2	6,400	9
Total posted	5,500	9	1,800	3	2,900	4	14,500	20
Land not posted	43,000	72	28,600	53	55,000	82	42,100	56
No answer	11,700	19	23,800	44	9,100	14	17,700	24
Total	60,200	100	54,200	100	67,000	100	74,300	100
ACRES OWNED								
Abuse	—	—	10,900	1	51,800	3	99,200	7
Safety	14,700	1	19,600	1	25,900	2	7,400	1
Liability	24,200	1	28,200	1	—	—	—	—
Access	44,700	2	43,700	2	43,200	2	63,700	5
Hunting	15,400	1	47,500	3	34,500	2	100,800	8
Reason not specified	27,000	2	47,700	3	86,400	5	39,600	3
Total posted	126,000	7	197,600	11	241,800	14	310,700	24
Land not posted	1,310,900	73	1,255,800	72	1,366,200	79	855,200	65
No answer	363,700	20	290,700	17	129,600	7	142,900	11
Total	1,800,600	100	1,744,100	100	1,737,600	100	1,308,800	100

Reason	Pennyroyal		Western Coalfield		Western		Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
OWNERS								
Abuse	4,100	5	1,300	1	3,200	13	11,300	2
Safety	4,500	5	2,000	2	100	**	7,500	2
Liability	—	—	700	1	100	**	800	**
Access	300	**	14,400	17	200	1	19,400	4
Hunting	1,300	2	2,700	3	2,500	11	14,900	3
Reason not specified	2,000	2	2,900	3	300	1	13,400	3
Total posted	12,200	14	24,000	27	6,400	26	67,300	14
Land not posted	69,700	79	63,000	72	16,000	66	317,400	70
No answer	6,200	7	500	1	1,900	8	70,900	16
Total	88,100	100	87,500	100	24,300	100	455,600	100
ACRES OWNED								
Abuse	95,000	5	71,100	4	17,300	3	345,300	3
Safety	25,400	1	106,100	6	17,300	3	216,400	2
Liability	9,300	**	105,400	6	5,700	1	172,800	2
Access	42,900	2	130,900	7	28,800	5	397,900	4
Hunting	118,000	6	130,000	7	51,800	9	498,000	4
Reason not specified	113,600	6	107,500	6	34,600	6	456,400	4
Total posted	404,200	20	651,000	36	155,500	27	2,086,800	19
Land not posted	1,498,000	74	1,039,300	57	387,000	68	7,712,400	70
No answer	123,000	6	128,700	7	28,800	5	1,207,400	11
Total	2,025,200	100	1,819,000	100	571,300	100	11,006,600	100

*Fewer than 50 owners.

**Less than 0.5 percent.

Table 48.—Estimated number of individual owners of commercial forest land and acres owned, by conservation-related organization membership, Kentucky, 1975

Organization	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
American Forestry Association	100	**	33,100	**
Izaak Walton League	100	**	8,600	**
Audubon Society	900	**	67,100	1
National Wildlife Federation	3,900	1	240,800	3
A Sportsman's Club	11,600	3	415,100	5
National Farmers Organizations	6,700	2	289,400	3
American Tree Farm	1,300	**	147,500	2
The Sierra Club	1,300	**	38,600	**
Other	9,000	2	644,500	7
No membership	331,900	78	6,561,600	71
No answer	67,400	16	1,254,500	14
Total ^a	427,200	100	9,200,000	100

^a Columns do not add to totals because some owners belong to more than one organization.

** Less than 0.5 percent.

Table 49.—Estimated number of individual owners of commercial forest land and acres owned, by conservation-oriented publications they receive, Kentucky, 1975

Publication	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
Tree Farm News	1,100	**	120,500	1
American Forests	300	**	42,500	**
National Wildlife	4,000	1	284,500	3
Audubon Magazine	2,100	**	114,300	1
National Parks and Recreation	900	**	26,100	**
Field and Stream	24,000	6	837,000	10
Sports Afield	16,000	4	698,200	8
Kentucky Farmer	75,900	18	2,471,600	27
Ranger Rick	1,900	**	102,900	1
Progressive Farmer	21,300	5	564,600	6
Other	31,300	7	592,800	6
No subscription	229,500	54	4,545,500	49
No answer	61,300	14	1,039,500	11
Total ^a	427,200	100	9,200,000	100

^a Columns do not add to totals because owners subscribe to more than one publication.

** Less than 0.5 percent.

Table 50.—Responses to true-false statements by individual owners of commercial forest land and acres owned, Kentucky, 1975

Statement and answer	Correct	Response				Total
		True	False	Don't know	No answer	
	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
OWNERS						
1-True	63	270,200	8,800	46,700	101,500	427,200
2-False	33	125,400	140,500	53,300	108,000	427,200
3-True	35	151,500	17,000	143,700	115,000	427,200
4-False	20	146,000	87,700	66,000	127,500	427,200
5-False	41	47,000	174,100	94,700	111,400	427,200
6-False	9	195,400	38,100	82,400	111,300	427,200
7-False	18	98,300	75,800	140,000	113,100	427,200
8-True	10	40,900	18,700	246,400	121,200	427,200
9-False	25	118,900	107,900	84,400	116,000	427,200
10-True	36	155,500	8,500	147,000	116,200	427,200
ACRES OWNED						
1-True	74	6,796,600	82,600	926,100	1,394,700	9,200,000
2-False	53	1,805,700	4,910,700	1,012,900	1,470,700	9,200,000
3-True	45	4,116,100	354,300	2,926,500	1,803,100	9,200,000
4-False	23	3,713,700	2,139,000	1,637,100	1,710,200	9,200,000
5-False	59	560,100	5,389,300	1,661,300	1,589,300	9,200,000
6-False	7	5,687,300	617,600	1,200,800	1,694,300	9,200,000
7-False	18	2,861,400	1,653,300	2,967,400	1,717,900	9,200,000
8-True	12	1,128,100	558,300	5,475,400	2,038,200	9,200,000
9-False	33	2,992,500	3,002,000	1,537,900	1,667,600	9,200,000
10-True	53	4,861,000	401,500	2,311,400	1,626,100	9,200,000

Table 51.—Estimated number of individual owners of commercial forest land and acres owned, by percent score on 10 true-false statements, Kentucky, 1975

Correct (percent)	Owners		Commercial forest land owned	
	<i>Number</i>	<i>Percent</i>	<i>Acres</i>	<i>Percent</i>
0	7,800	2	117,200	1
10	46,900	11	407,300	4
20	27,200	6	653,100	7
30	44,900	11	895,600	10
40	38,800	9	1,336,500	15
50	31,900	7	1,310,400	14
60	39,400	9	1,394,900	15
70	23,500	6	755,700	8
80	32,900	8	359,800	4
90	2,800	1	148,300	2
100	300	**	44,300	**
10 don't know	19,000	4	366,700	4
10 no answers	100,200	23	1,341,900	15
10 mixed	11,600	3	68,300	1
Total	427,200	100	9,200,000	100

** Less than 0.5 percent.

Headquarters of the Northeastern Forest Experiment Station are in Broomall, Pa. Field laboratories and research units are maintained at:

- **Beltsville, Maryland.**
 - **Berea, Kentucky, in cooperation with Berea College.**
 - **Burlington, Vermont, in cooperation with the University of Vermont.**
 - **Delaware, Ohio.**
 - **Durham, New Hampshire, in cooperation with the University of New Hampshire.**
 - **Hamden, Connecticut, in cooperation with Yale University.**
 - **Kingston, Pennsylvania.**
 - **Morgantown, West Virginia, in cooperation with West Virginia University, Morgantown.**
 - **Orono, Maine, in cooperation with the University of Maine, Orono.**
 - **Parsons, West Virginia.**
 - **Princeton, West Virginia.**
 - **Syracuse, New York, in cooperation with the State University of New York College of Environmental Sciences and Forestry at Syracuse University, Syracuse.**
 - **University Park, Pennsylvania.**
 - **Warren, Pennsylvania.**
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