

Angelina, Davy Crockett, Kisatchie, Sabine, and Sam Houston National Forests



Recreation Realignment Report

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Recreation Realignment Analysis¹

August, 2001

Introduction

As the USDA Forest Service encourages a more business-like approach to recreation management, National Forest managers need to know (1) their client base and what their outdoor recreation preferences are; (2) how local populations are shifting and changing; and (3) what recreation services and facilities other agencies or private businesses are providing in the area. By understanding these dimensions of demand, National Forests can evaluate the need to realign their recreation programs to match regional and local demand conditions. This report is meant to provide current research-based information to help Forest staff in their realignment decisions.

Report Objectives and Data Sources

The objective of this report is to provide recreation managers information they can use to make recreation realignment decisions. An assumption underlying this report is that recreation realignment should be based on public demands for recreation opportunities and that current survey data can help managers better understand public demands. To measure demand, researchers at the Athens Research Lab have drawn a 75-mile straight-line market area radius around each forest. Using available survey data, the report summarizes who lives in this *market area*, their recreation participation and demographic change profiles, and the equity implications of managing for different recreation activities. The recreation participation survey data presented is from the National Survey on Recreation and the Environment (NSRE), an on-going national telephone survey sponsored by the US Forest Service. U.S. Census and the Woods and Poole, Inc. econometric projections are the sources for demographic data.

On Analysis Assumptions

The 75-Mile Market Area

Analyses in this assessment are based on a 75-mile market area. At least two considerations justify this 75-mile radius. First, past research has demonstrated that most national forest trips originate from within a 75-mile (1 ½ hour driving time) radius. Thus, most recreation trips derive from within the market area. Second, variation in preferences varies surprisingly little for broad population groups (i.e. age strata) across geographic areas. While these factors reassure us that the use of the market area

¹ For clarification or further assistance, contact Ken Cordell at kcordell@fs.fed.us or call 706-559-4263.

provides a reasonable basis for guiding realignment decisions, the market area assumption does not hold in all cases. In particular, this assumption excludes the minority of recreationists who travel long distances to participate in activities -- the avid backpacker, rockclimber, and snowbird. Some forests are known for high-quality experiences among these niche users. We have designed a special exercise to account for enthusiasts and niche markets later in this report.

Combining Forests

Some reports have market areas that include two or more nearby Forests. This has been done for efficiency in producing reports, but also in recognition that these nearby forests share local markets and have similar geography and demographic patterns. A list of reports for individual and combinations of forests follows:

Realignment Reports Prepared

1. Ocala and Osceola National Forests
2. Apalachicola and Conecuh National Forests
3. Talladega, William Bankhead, and Tuskegee National Forests
4. Delta, Homochitto, Bienville, Desoto National Forests
5. Tombigbee and Holly Springs National Forests
6. Kisatchie, Sabine, Angelina, Davy Crockett, and Sam Houston National Forests
7. Ouachita and Ozark National Forests
8. Oconee and Sumter National Forests
9. Uwharrie National Forest
10. Francis Marion National Forest
11. Croatan National Forest
12. Chattahoochee National Forest
13. Nantahala, Pisgah, Cherokee National Forest
14. Jefferson National Forest
15. George Washington National Forest
16. Daniel Boone National Forest

Vision of Interactive Session: How to Use this Report

1. This report is designed to be used in a facilitated workshop. It consists of 10 “analysis” steps which are designed to familiarize workshop participants with four broad sets of data describing: (1) Who lives in the market area, and what their recreation preferences are (Steps 1-3); (2) How population is expected to grow and how this will impact recreation demand (Step 4-6); (3) What the “niche” recreation settings or activities are on the Forest and what segments of the population will or will not be served if these activities are emphasized (i.e., what the “Civil Rights — Title VI” implications of providing different niche activities are) (Steps 7-8); (4) What other local private suppliers in the market area are providing (Step 9); and finally, Summary Reflections and Conclusions (Step 10).
2. The report has been divided into the following 10 “steps”:

3. The 10-Step Program to Recreation Realignment
 - a. Step 1 Population Analysis - Summarizes population change in the market area;
 - b. Step 2 Recreation Participation Analysis/Activity Segmentation - Summarizes overall outdoor recreation participation and then segments these activities into three types;
 - c. Step 3 Analysis of Highest Growth Outdoor Recreation Activities, 1995 - 2001 by type
 - d. Step 4 Detailed Recreation Participation Analysis by Demographic Strata - Overviews population composition and expected growth of 7 major demographic groups (age, gender, race, income, household type, urban-rural, and disability status) for forest-based outdoor recreation activities;
 - e. Step 5 Activity Score Summary Sheet - Summarizes frequency of forest-based activities from exercises in step 4;
 - f. Step 6 Summing Activity Scores Over Steps 2-4;
 - g. Step 7 Niche Activity Exercise - An exercise where each Forest identifies their most important Niche Activities;
 - h. Step 8 Equity Analysis - An exercise that identifies what populations are being served by the management of these activity settings;
 - i. Step 9 Private Suppliers of Outdoor Recreation Analysis - An overview of what other suppliers in the market area provide, and;
 - j. Step 10 Summary, Concerns and Follow-up - An opportunity for participants to record observations, concerns, and questions raised in steps 1-9.

Working through the steps above and using managers' local knowledge of users, their resource, and other providers in a National Forest market area, it is envisioned that a Forest can better target recreation provision for the benefit of the public. All information provided in this report is the product of available data. Not all potentially useful data is available; however. This report provides as much current data as possible within a limited timeframe and budget for use in realignment decisions. This report has been designed for use in an interactive meeting or workshop. Appendices have been designed for reference during the workshop and to be kept as a desk reference for future use.

Report Contents

- I. Report Text
 - < The Realignment Context: Some General Observations About Outdoor Recreation in the Southern Region.
 - < Analysis Steps 1-10 with graphics and bullet statements highlighting key findings and guiding managers through 10 analytical exercises or steps exploring the customer base, its recreation participation profiles, and its changing demographic composition.
- II. Appendices
 - < A complete set of formatted data tables:
 - < Appendix I: descriptive statistics about counties in the market area;
 - < Appendix II: detailed population growth and demographic data describing changes in the market area, including state and regional comparisons, temporal comparisons (1990

- 2000) and projections out to 2020.

- < Appendix III: total participation profiles for 1995 and 2001 by activity for over 40 activities and detailed demographic information describing who participates in these activities;
- < Appendix IV: non-Forest Service outdoor recreation providers in market area.

The Realignment Context:

Some General Observations About Outdoor Recreation in the Southern Region²

- < Top recreation activities in which Southerners participate include walking for pleasure, attending family gatherings, visiting nature centers, sightseeing, driving for pleasure, picnicking, viewing or photographing natural scenery, and visiting historic sites. Far down the list in popularity are high technology, high skill activities such as rock climbing and whitewater kayaking that often occupy much of the attention of forest recreation managers.
- < Participation in most outdoor recreation activities has been growing steadily over the last few years. Of forest-based activities, viewing and photographing fish, wildlife, birds, wild flowers, and native trees are among the fastest growing in the South. Other fast growing activities include jet skiing, kayaking, day hiking, and backpacking.
- < To Southerners, outdoor recreation is a highly important part of their lifestyles. But because of climate and types of forest settings, the abundance of forests in the South, in comparison with other less forested regions of the country, does not result in higher forest recreation participation.
- < Twenty-six percent of residents of the South participate in gathering a wide variety of non-timber forest products (NTFPs). Most do so non-commercially. Sustaining availability of some NTFP resources will depend in large part on institutional capacities for education, monitoring, incentives, land management, and other conservation actions.
- < Numerous recreation opportunities of many types are available across the South. They are found in a wide variety of settings, ranging from large tracts of undeveloped land to highly developed theme parks in largely urban settings, both in public and private ownerships.
- < Of public ownerships, federal tracts typically are large and mostly undeveloped. They fill a niche

² Cordell, H. Ken and Michael A. Tarrant. 2002. Socio-6: Forest-based Outdoor Recreation. Wear, David N. and John G. Greis (eds.). Southern Forest Resource Assessment Final Report. General Technical Report SRS-xx. Asheville, NC: US Department of Agriculture, Forest Service, Southern Research Station.

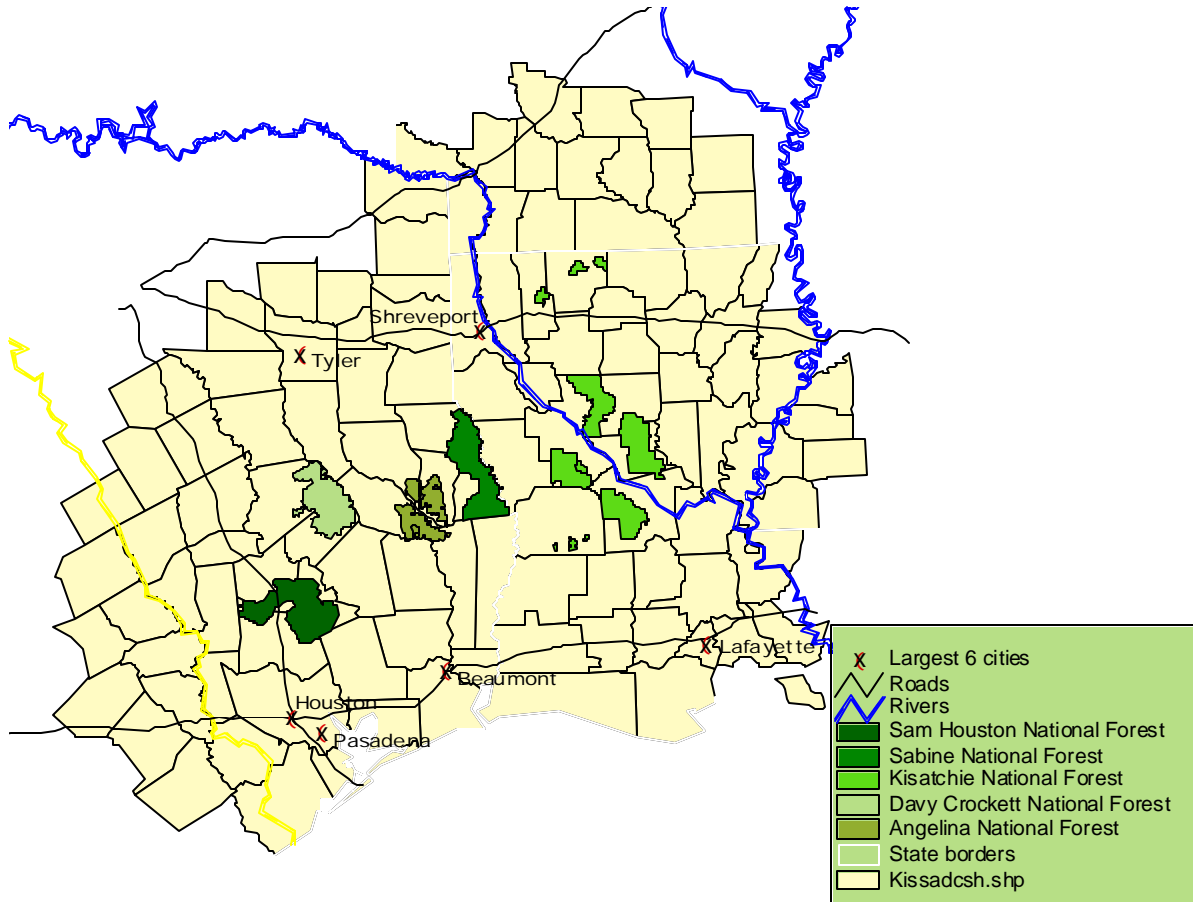
of providing backcountry recreation. State parks and forests are usually smaller and more developed. They provide camping, picnicking, swimming, fishing, nature interpretation, and scenery.

- < The outdoor recreation supply potentials of public lands will depend on policy evolution. On Southern National Forests, greater protection of roadless lands is likely, while at the same time recreation is increasingly finding its way to the tops of the priority lists of national forest managers. These trends are not as yet, but should be linked by explicit policies. National Parks will serve a different supply role because they are managed first to protect park resources and secondly for public enjoyment. On Fish and Wildlife Service refuges, recreation is viewed as an incidental or secondary use and is not allowed unless it is directly related to a refuge's primary purposes.
- < While continuing to grow, adjust and adapt, Southern state land systems, especially state parks, have reached a point of seeming maturity as a recreation resource, except for expansion of high-end resort developments which provide better sources of revenue.
- < Recreation access to private land is increasingly limited to the owners themselves, their families or friends, and lessees. The number of Southern private owners allowing the public to recreate on their land has been decreasing over time.
- < Accommodating future public recreation demand increases will likely fall mostly to public providers, most of whom will likely continue to face significant budget and capacity constraints. Some of this pressure would be reduced if private owners, the primary group of forest owners in the Region, were willing to open more of their vast forested land holdings to public recreation. Current trends are not promising, however. Increasing demands for off-road vehicle use, hunting, fishing, and other of the more consumptive recreational activities are likely to bring about more recreation participant/land owner conflicts over time.
- < As forest recreation demands grow, recreation activities are likely to conflict more with each other, especially on trails, in backcountry, at developed sites, on flat water (large rivers and lakes), in streams and whitewater, and on roads and their nearby environs. Typically a greater degree of conflict is perceived by one group of recreation users (usually traditional and non-motorized users) than is perceived by other groups (usually non-traditional and mechanized/motorized users).
- < Depending on the characteristics of recreation use, the forest site, and site management, recreation can have a variety of impacts on soils, water, vegetation and animal life. Almost all types of recreation activity have impacts, but this is especially so for motorized uses.
- < Forested areas in the South with heavy recreation pressures include the coastal Carolinas; coastal Florida; coastal Alabama, Mississippi, and Louisiana; the "Piedmont Crescent," south central

Mississippi, the Ozark and Ouachita Mountains, and northeastern West Virginia.

Step 1. – Population Analysis

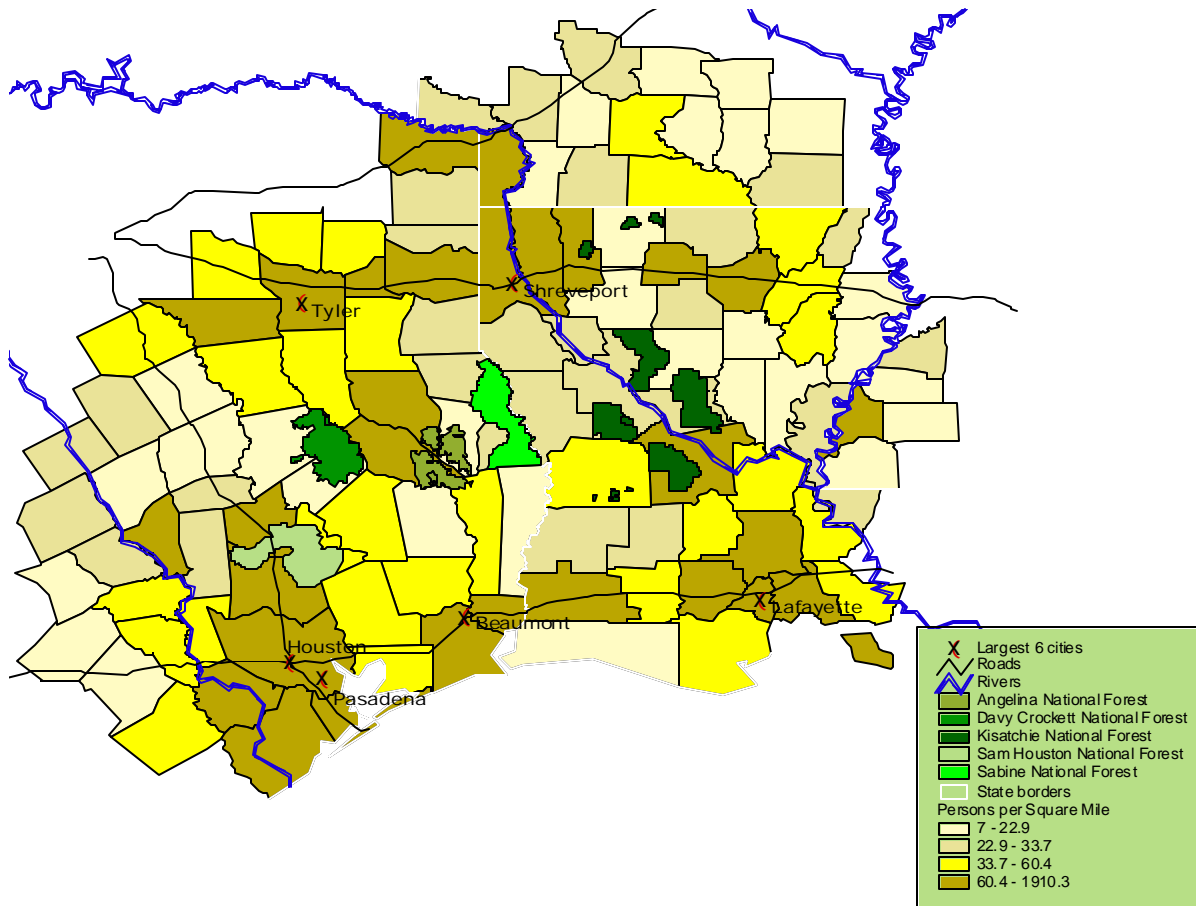
Step 1.1 -- The Market Area Defined



- < Through out this report, data will be presented under the heading “Market Area.” The Market Area is defined as all counties that fall within a 75-mile straight-line radius from the forest border. The market area of this report for the Angelina, Davy Crockett, Kisatchie, Sabine, and Sam Houston National Forests is shown above.

Step 1. – Population Analysis

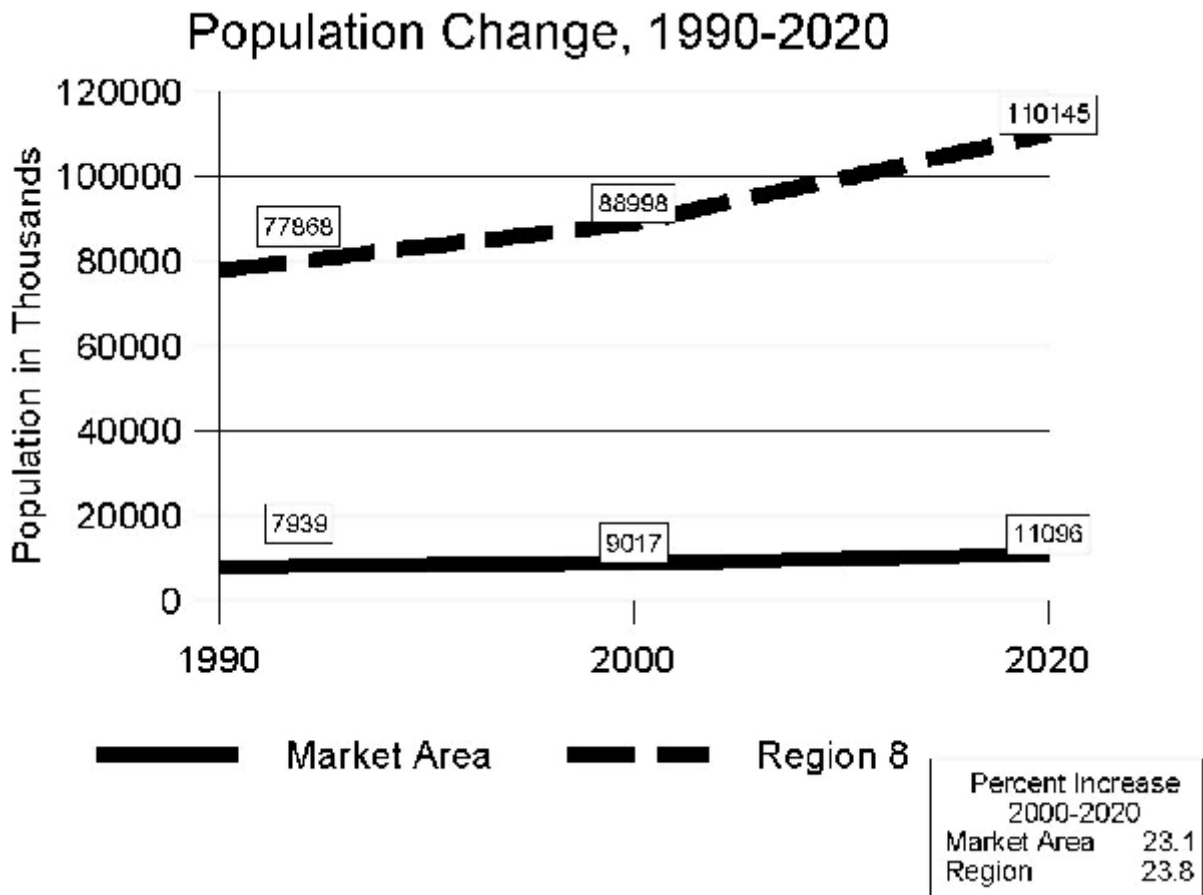
Step 1.2 -- Persons Per Square Mile by County in Market Area



- < This map shows the number of persons per square mile by county in the market area. Counties with the darkest shading have the most dense populations (60.4-1910.3 persons per square mile).
- < Its clear that many of the more dense counties in this market area occur along Interstates 10, 20 and 49 and U.S. Highway 69 and 59 in Texas.
- < As population in the market area grows and develops, public lands in the area will increasingly be seen as a place of relaxation, a quiet, peaceful retreat from the built community.

Step 1. – Population Analysis

Step 1.3 -- Total Population, 1990 - 2020, and Projected Percent Change 2000 - 2020 in Market Area and Region



Source: Table I. 1

- < This figure shows total market area and regional population, 1990 - 2020.
- < You currently have 9,016,800 persons in your market area.
- < As you can see from the inset box, this market area has slightly lower expected growth than the region as a whole. As such, you can probably expect somewhat less pressure from recreation on your Forest than on forests in the region as a whole (cf. Table I a.2).

Step 1. – Population Analysis

Step 1.4 -- Fastest and Slowest Growing Counties, 2000- 2020

Fastest Growing	Projected Percent Change, 2000-2020	Slowest Growing	Projected Percent Change, 2000-2020
1) Montgomery, TX	75.7	1) Falls, TX	-3.9
2) Fort Bend, TX	71.0	2) Ouachita, AR	-4.1
3) Liberty, TX	54.4	3) Bradley, AR	-4.6
4) Angelina, TX	52.7	4) Wilkinson, MS	-5.9
5) Polk, TX	49.7	5) Tensas, LA	-6.2

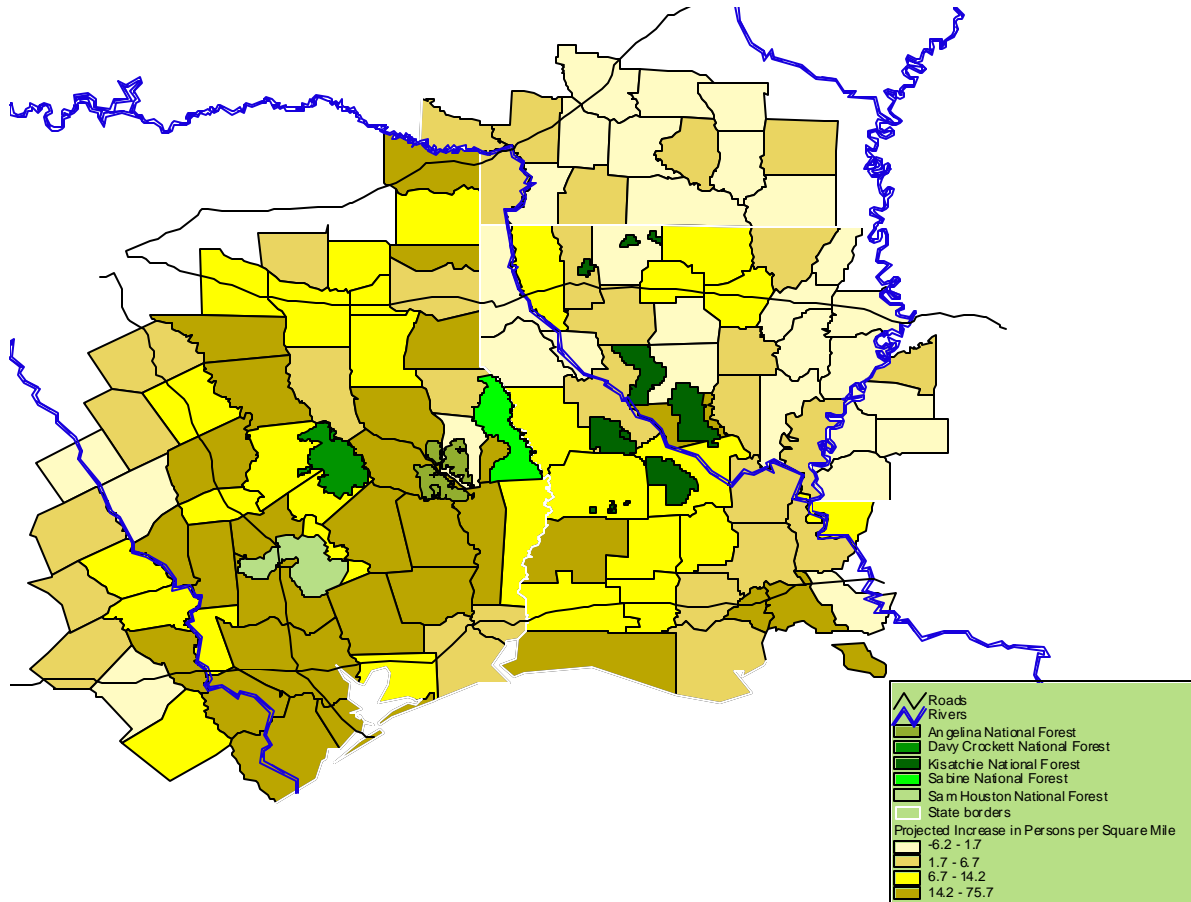
- < The table above lists the 5 fastest and 5 slowest growing counties in your market area. For a complete list of all counties by population growth, see Appendix I, Table 1 “Overview of Market Area”.
- < **Exercise:** Using the box below, list all the counties which are adjacent to your management area. List all that you can recall. Then go to Appendix I, Table 1 and record the projected population growth for each county you listed. This will familiarize you with population change in your work area.

Step 1.5 -- Projected Population Change in Counties Nearest My Districts (Source: Table I. 1)

County Name	Projected Population Change 2000-2020 (%)

Step 1. – Population Analysis

Step 1.6 -- Projected Increase in Persons Per Square Mile 2000 - 2020



- < The map on this page shows the projected growth in persons per square mile in your market area. The counties with the darkest yellow shading are increasing most in density (i.e., in persons per square mile).
- < **Exercise:** Noting the population trends and changes that are expected and the geographic patterns of faster- or slower-growth counties, take a moment to reflect on the implications concerning which Forest corridors and recreation areas might be most impacted in the future. Record your observations below:

Step 1.7 -- Observations on Locational Implications of Growth on my Forest and Districts

Step 2. – Recreation Participation Analysis and Segmentation of Activities

- < Population growth and change represents one important dimension of recreation realignment. As populations grow there is likely to be greater recreation demand, but for which activities?
- < In Steps 2-4 to follow, we will explore 3 separate dimensions of demand. First, we explore the 20 top activities in the region in terms of overall participation (Step 2). Second, we explore the fastest growing activities (Step 3). Finally, we look at activity demand by demographic strata and growth in demographic strata (Step 4). Then, in Steps 5 and 6 we combine these dimensions to arrive at a “big picture” of market area recreation demand.
- < Step 2: The table on the following page -- “Top 20 Recreation Activities in Order of Popularity” -- represents a first “cut” in understanding demand for outdoor recreation. It presents the 20 most popular outdoor activities in the region as a whole by the percentage and number of persons participating at least once/year. As broadly enjoyed outdoor activities, these can be thought of as representing core general demands of the public at large for outdoor recreation.
- < Take a minute to review the most popular activities in the region in order of popularity.
- < In order to target outdoor recreation activities most relevant to forest settings *and to your market area* we next segment these activities into three types.

Step 2.1 -- Top 20 Activities in the Region in Order of Popularity (Source: Table III. 3a)

Activity	Region 8	
	Percent participated 2001	Number (millions) participated 2001
Walk for pleasure	81.0	55.97
Family gathering	72.3	49.96
View/photograph natural scenery	55.5	38.35
Visit nature centers, etc.	53.1	36.69
Sightseeing	51.4	35.52
Driving for pleasure	50.6	34.96
Picnicking	49.1	33.93
Visit historic sites	43.1	29.78
View wildlife	42.5	29.37
Swimming in natural water	40.0	27.64
Bicycling	34.2	23.63
View birds	30.8	21.28
Visit a wilderness	29.5	20.38
Warmwater fishing	28.5	19.69
Gather mushrooms, berries, etc.	26.9	18.59
Day hiking	26.2	18.10
Visit waterside besides beach	25.9	17.90
View or photograph fish	25.5	17.62
Developed camping	21.9	15.13
Visit archeological sites	19.7	13.61

Step 2.2 -- Segmentation of Activities

Step 2.2a -- Type I Activities - These are activities that are *broadly popular across demographic groups in your market area*. Because of their common popularity, it is recommended that managers broadly provide these wherever possible, especially those with more than 50 percent participation.

Type I Activities - Broadly Popular Activities in Market Area; Percent and Number of Participants (in millions) (Source: Table III. 3b)

	% Participated	# Participants
Walk for pleasure	79.3	5.51
Family gathering	70.1	4.87
View/photograph natural scenery	51.9	3.60
Sightseeing	49.5	3.44
Visit nature centers, nature, museums, etc	49.2	3.42
Driving for pleasure	47.0	3.26
Picnicking	42.1	2.92
Visit historic sites	34.4	2.39
Bicycling	32.4	2.25
Boating	32.2	2.24
Motorboating	23.9	1.66

(Source: Table II, 3a)

< **Exercise:** In the space provided below, record all activities that over 50 percent of the public in your market area enjoys at least once/year.

Step 2.2a1 — Activities Enjoyed by at least 50 percent of your Market Area

< For the remainder of the report, we focus on Type II and Type III activities. These are

activities at the mid-levels of popularity (Type II) and “niche” activities (Type III).

Step 2.2b — Type II Activities - These are activities in the mid-range of popularity which are *especially suitable for National Forests*. It is recommended that managers provide opportunities for the most popular of these activities among residents of your market area. This idea of focusing on the most popular activities will be carried forward later in this analysis (in Step 6) where activities are scored across multiple criteria, popularity being one.

Type II Activities -- Activities Especially Suitable for NFs settings; Percent and Number of Participants (in millions) (Source: Table III. 3d)

	% Participated	# Participants
View or photograph wildflowers, trees, or other natural vegetation	41.7	2.90
View wildlife	38.8	2.69
Swimming in streams, lakes, ponds, or the ocean	34.1	2.37
Warmwater fishing	32.1	2.23
Visit a wilderness or other primitive, roadless area	28.5	1.98
Gather mushrooms, berries, and other non-timber products	27.3	1.90
View birds	25.9	1.80
Visit waterside besides beach	25.7	1.78
View or photograph fish	25.6	1.78
Day hiking	21.6	1.50
Developed camping	18.9	1.31
Drive off-road	16.8	1.17
Mountain biking	15.1	1.05
Big game hunting	13.0	0.90
Small game hunting	11.9	0.83
Horseback riding	11.5	0.80
Primitive camping	10.3	0.72
Horseback riding on trails	9.0	0.62

Backpacking	4.1	0.28
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Step 2.2c — Type III Activities - *Niche Activities* are activities that take advantage of unique, high quality opportunities and representing mostly enthusiast users on your forest. Because of their special nature, it is recommended you emphasize when your resources are unique and high quality.

Type III Activities - Niche Activities for Forests with Unique Resources; Percent and Number of Participants (in millions) (Source: Table III. 3f)

	% Participated	# Participants
Saltwater fishing	15.3	1.06
Visit archeological sites	14.3	0.99
Coldwater fishing	8.3	0.58
Waterskiing	7.9	0.55
Rafting	7.3	0.51
Canoeing	6.5	0.45
Migratory bird hunting	6.0	0.42
Snorkeling or scuba diving	4.2	0.29
Kayaking	1.2	0.08

Step 3. – Analysis of Fastest Growing Outdoor Recreation Activities

(Source: Table III, 3e)

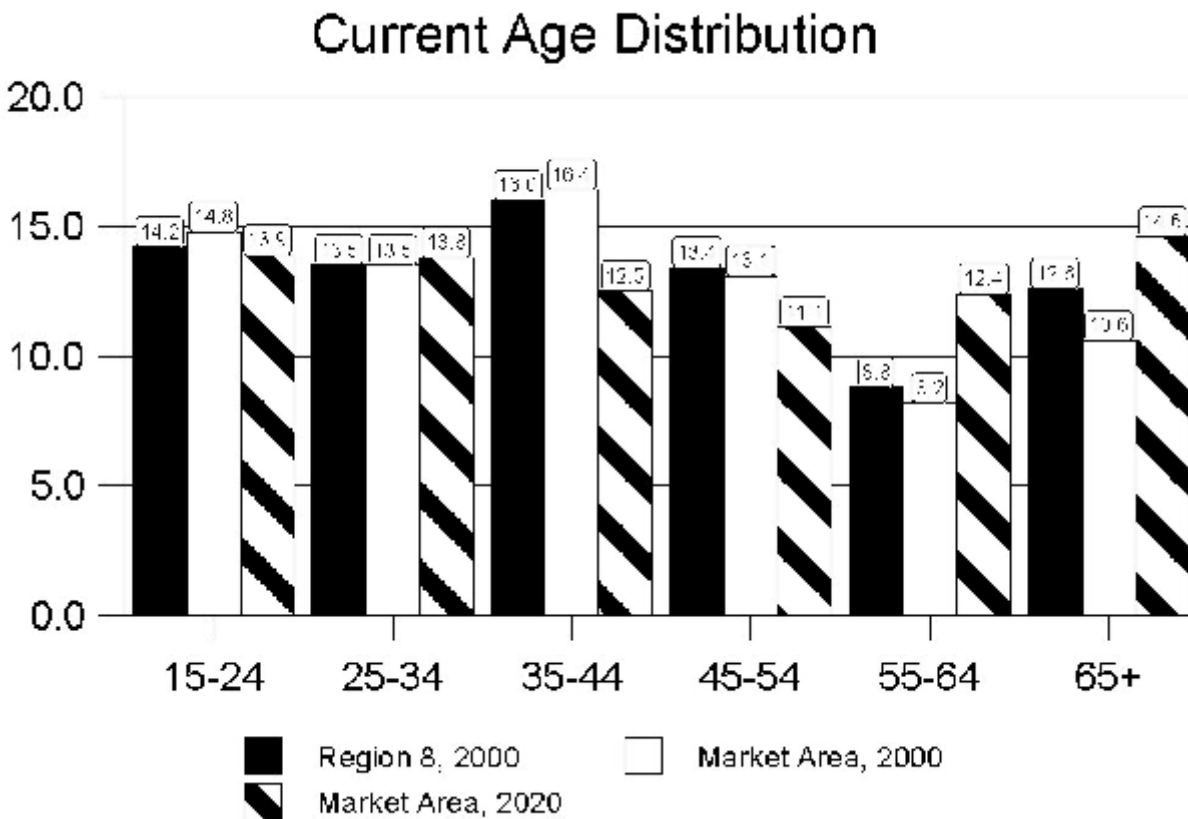
Activity	Absolute change (Millions), 1995 to 2001	Percent change in number of participants, 1995 to 2001
View or photograph fish	0.82	75.3
Horseback riding on trails	0.21	45.2
Horseback riding	0.22	29.2
View wildlife	0.62	22.8
Day hiking	0.32	19.3
Big game hunting	0.18	18.2
Small game hunting	0.12	9.2
Warmwater fishing	0.25	6.3
View birds	0.20	6.1
Backpacking	0.01	0.0
Swimming in streams, lakes, ponds, or the ocean	0.11	-1.2
Developed camping	-0.06	-10.0
Drive off-road	-0.10	-13.4
Primitive camping	-0.35	-37.2

- < A second important dimension of demand in the market area is captured by considering which outdoor recreation activities are growing fastest in terms of total participation. Some activities are in decline while others are increasing in demand. In this table, Type II activities are organized by rate of growth from 1995-2001 in your market area. Those which have experienced the highest rate of growth are at the top of table.
- < **Exercise:** In the space provided below, please record the fastest growing Type II activities in your market area. Record up to 6 activities. Remember the absolute change numbers are in millions of participants.

Step 3.1 -- Fastest Growing Activities in your Market Area

Step 4. – Recreation Participation Analysis by Demographic Strata

< We have overviewed 2 dimensions of demand, total participation (i.e., most popular activity) and fastest growing activity 1995-2001. In Step 4, we walk through an analysis the recreation preferences of each of 7 demographic categories (e.g., age, gender, household size, race, income, urban-rural status and disability status). For each one, first we summarize the distribution of the population by strata (e.g. age strata). Second, we consider the current recreation preferences of each strata. Finally, we examine the projected growth of each strata and consider the implications of this projected growth for recreation demand. We start with age and proceed from there. In the end, we will summarize what we have learned about demand in the market area across all demographic groups.



Step 4.1 – Age

(Source: Table II. 2b,c)

- < The age distribution of the population differs to some extent from market area to market area. In part, this is related to the strength of area economies, migration and immigration. The age distribution is important to consider in recreation management because people’s outdoor recreation activities are highly age dependent. The previous figure shows the distribution of ages in the region and market area.

Step 4.1.a – Current Age Distribution

- < The table below lists favored activities by age strata. The activities listed for each strata below are those in which the age strata makes up a disproportionately greater share of the participants compared to their percentage of the population as a whole. This can be interpreted as activities each age strata favors. If you manage for such favored activities, which activities would you emphasize?

Favored Activities by Age Strata (Source: Table III. 4b1-6)

Age Strata	Favored Activities	Percent of Age Strata in Market Area
15-24	1. Horseback riding 2. Horseback riding on trails 3. Backpacking	14.8
25-34	1. Drive off-road 2. Swimming in streams, lakes, ponds, or the ocean 3. Small game hunting	13.5
35-44	1. Developed camping 2. Mountain biking 3. Swimming in streams, lakes, ponds, or the ocean	16.4
45-54	1. View wildlife 2. Gather mushrooms, berries, and other non-timber products 3. View birds	13.1
55-64	1. Day hiking 2. Visit waterside besides beach 3. Developed camping	8.2

65+	<ol style="list-style-type: none">1. View birds2. Visit a wilderness or other primitive, roadless area3. Gather mushrooms, berries, and other non-timber products	10.6
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Step 4.1.b – Future Age Distribution

How Will Population Age Structure Change 2000 - 2020? (Source: Table II. 2e)

Age Group	Market Area		Region 8	
	Absolute change (1000's), 2000 to 2020	Percent change, 2000 to 2020	Absolute change (1000's), 2000 to 2020	Percent change, 2000 to 2020
15-24	210.5	15.8	1,865.6	14.7
25-34	311.5	25.6	2,460.7	20.5
35-44	-93.4	-6.3	-708.3	-5.0
45-54	58.1	4.9	826.0	6.9
55-64	635.1	85.5	6,339.3	80.6
65 & older	666.6	69.7	7,363.5	65.4

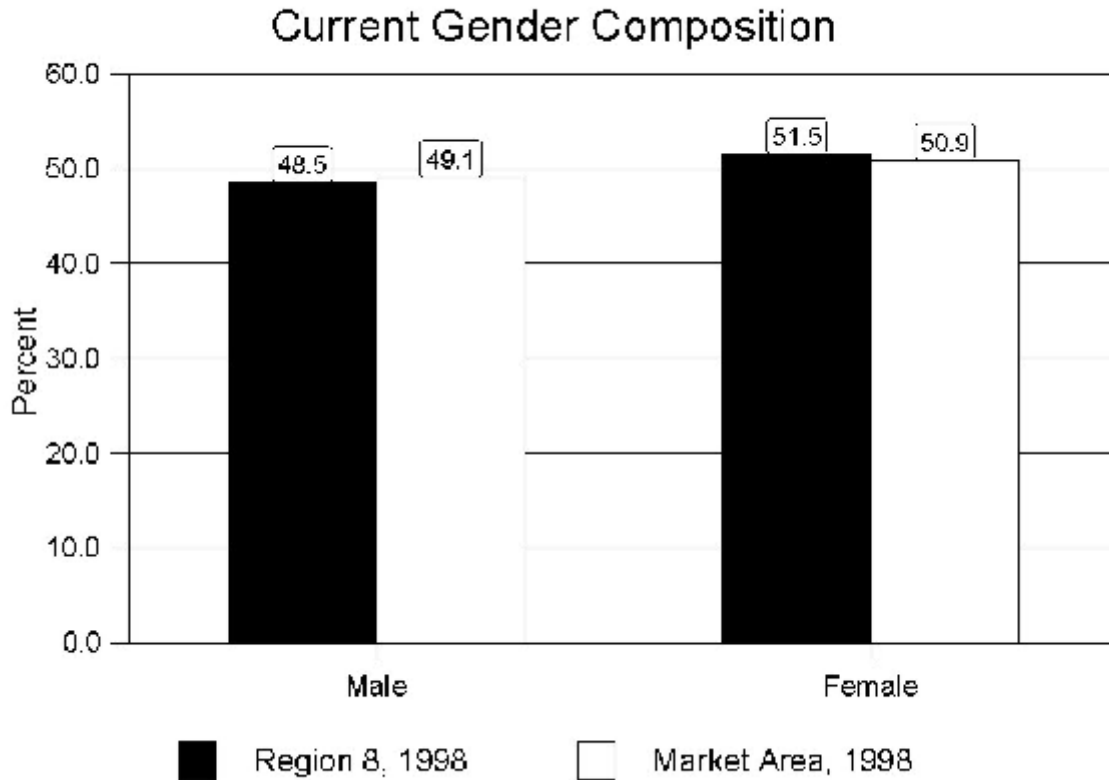
- < In the future, the population of the United States is expected to age. The median age in the United States has risen steadily since the 1800s in part due to increases in medical technology and hygiene, and rising real income. In 1850, the median age was 18.9 years, in 1990 in was 32.8. By 2020, the median age is expected to increase 8.5 percent to about 38 years. As the population ages, their recreation preference profile will change. Activities that older people like to do will become more popular and enjoy increases in demand on recreation areas.
- < The table above shows percent increases in each of the age strata in the market area, 2000 - 2020.
- < 65+, 55-64, and 25-34 are the highest growth strata (in absolute numbers) in the market area.
- < Given the aging of the market area, which activities does this suggest you might market to/provide more of in the future?

Step 4.1.c – Favored Activities of Fastest Growing Age Groups

(Source: Table III. 4b1-6)

High Growth Age Strata	Favored Activities
65+	<ol style="list-style-type: none">1. View birds2. Visit a wilderness or other primitive, roadless area3. Gather mushrooms, berries, and other non-timber products
55-64	<ol style="list-style-type: none">1. Day hiking2. Visit waterside besides beach3. Developed camping
25-34	<ol style="list-style-type: none">1. Drive off-road2. Swimming in streams, lakes, ponds, or the ocean3. Small game hunting

Step 4.2 – Gender



(Source: Table II. 8)

Step 4.2.a – Current Gender Composition

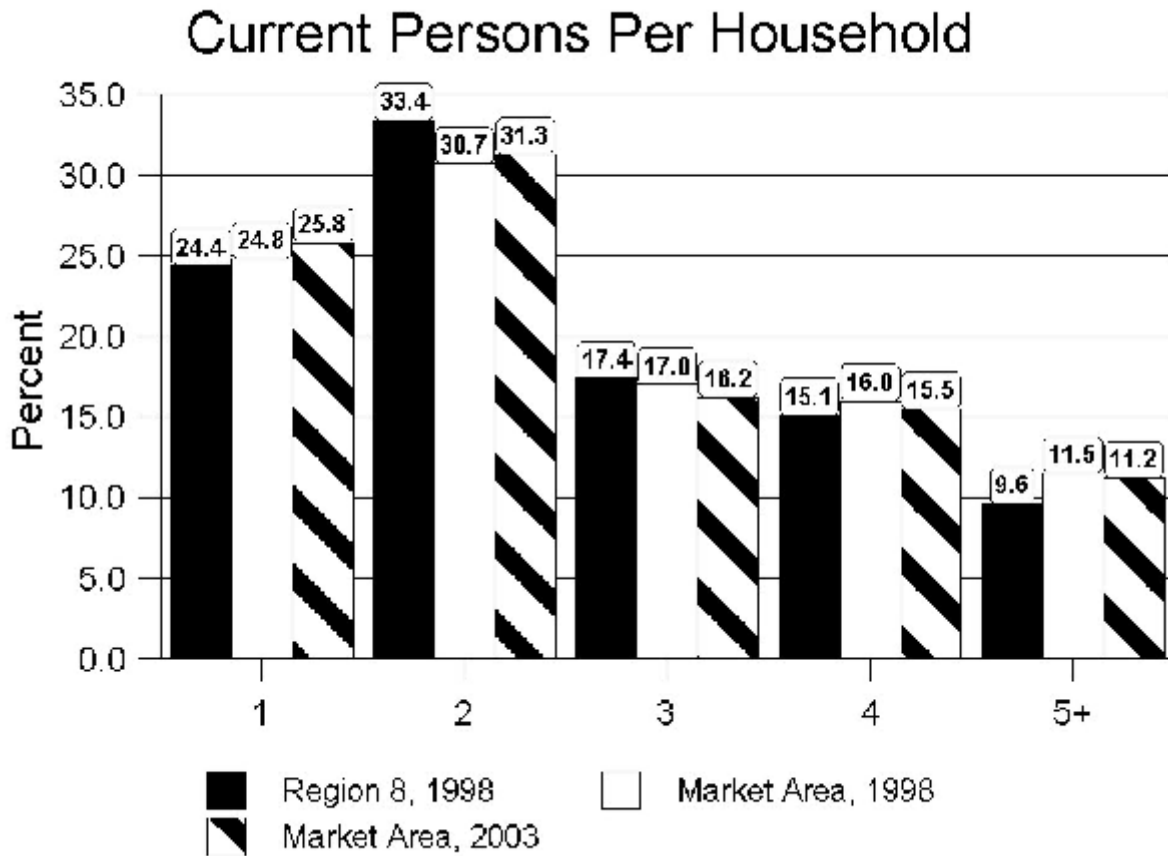
- < Gender is highly important as well as a determinant of the activities people chose. Women prefer some activities in much higher numbers than men. Thus the gender distribution and different preferences of men and women are important considerations in supplying outdoor recreation programs to serve the public. The figure above shows the gender distribution in the region and market area.
- < If you marketed for activities disproportionately preferred by gender, which activities would you emphasize?

Favored Activities by Gender Strata (Source: Table III. 4a1-2)

Gender Strata	Favored Activities	Percent of Gender Group in Market Area
Female	<ol style="list-style-type: none"> 1. View or photograph wildflowers, trees, or other natural vegetation 2. View birds 3. Horseback riding on trails 4. Horseback riding 5. Swimming in streams, lakes, ponds, or the ocean 	50.9
Male	<ol style="list-style-type: none"> 1. Small game hunting 2. Big game hunting 3. Backpacking 4. Drive off-road 5. Warmwater fishing 	49.1

< Because the gender distribution does not tend to vary across time (i.e. the proportion of males and females generally stays the same), we will not consider the projected change in gender composition, as we will for other demographic categories.

Step 4.3 – Household Size



(Source: Table II. 3b)

Step 4.3.a – Current Household Distribution

- < The household type varies somewhat from market area to market area. In part, this is related to the age, wealth and ethnic structure of an area. Different household types (families, singles, childless couples, retirees, etc) may have different recreation setting and experience preferences. The figure above shows the distribution of regional and market area residents by household size.
- < If you managed for household types, which activities would you emphasize?

Favored Activities by Household Type (Source: Table III. 4c1-5)

Household Type Strata	Favored Activities	Percent of Household Type Group in Market Area
1 person household	1. Backpacking 2. Small game hunting 3. Big game hunting	24.8
2 person household	1. View birds 2. Visit a wilderness or other primitive, roadless area 3. Gather mushrooms, berries, and other non-timber products	20.7
3 persons household	1. Visit waterside besides beach 2. Primitive camping 3. Small game hunting	17.0
4 person household	1. Horseback riding on trails 2. Horseback riding 3. Mountain biking	16.0
5 or more	1. Backpacking 2. Mountain biking 3. Drive off-road	11.5

Step 4.3.b – Future Household Distribution

How Will Household Structure Change 1998 - 2003? (Source: Table II. 3e)

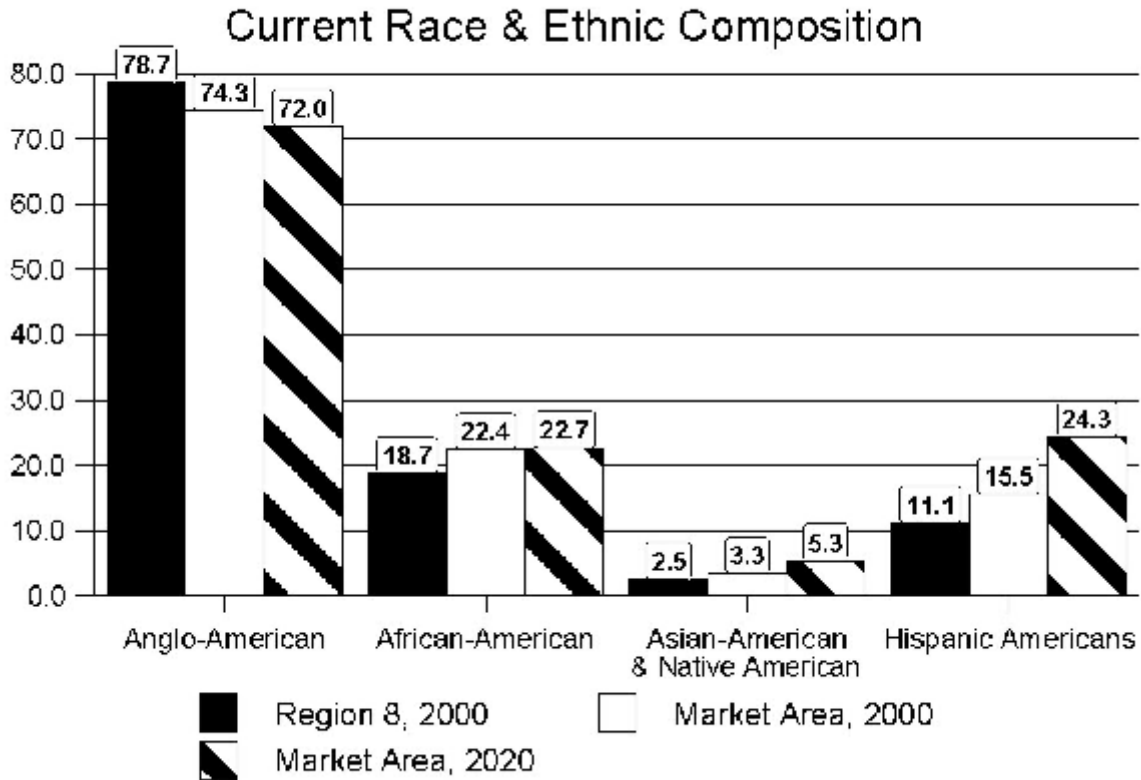
Household Size	Market Area		Region 8	
	Absolute change (1000's), 1998-2003	Percent change, 1998-2003	Absolute change (1000's), 1998-2003	Percent change, 1998-2003
1 person	95.3	11.8	961.5	12.1
2 person	95.4	9.6	1080.5	9.9
3 person	14.9	2.7	174.2	3.1
4 person	23.8	4.6	241.4	4.8
5 persons or more	15.2	4.1	134.0	4.3

- < In the future in the United States the population will continue to age and young people are expected to continue to delay marriage until their mid- and late- 20s. As these trends “mature” in the future, there are likely to be fewer larger households in the United States as a whole.
- < The table above shows percent increases in each of the household strata in the market area, 1998 - 2003.
- < 2-person, 1-person, and 4-person households are the highest growth strata.
- < Given the nature of changing household structure to smaller sized households in the market area, which outdoor recreation activities would you want to consider providing more of in the future?

Step 4.3.c – Favored Activities of Fastest Growing Household Size

High Growth Household Type Strata	Favored Activities
Highest growth	<ol style="list-style-type: none"> 1. View birds 2. Visit a wilderness or other primitive, roadless area 3. Gather mushrooms, berries, and other non-timber products
2 nd Highest growth	<ol style="list-style-type: none"> 1. Backpacking 2. Small game hunting 3. Big game hunting
3 rd Highest growth	<ol style="list-style-type: none"> 1. Horseback riding on trails 2. Horseback riding 3. Mountain biking

Step 4.4 – Race & Ethnicity



(Source: Table II. 4c)

Step 4.4.a – Current Race/Ethnic Distribution

- < Shifting racial and cultural ethnicity of the population is one of the most dramatic of social changes occurring in the United States. While a little less pronounced in this region than in others, growth of the Hispanic and Asian populations in the U.S. is occurring at rates sufficient for size of these groups to exceed the African American population before the end of the century. The race and ethnic distribution is important to consider in recreation management because people's outdoor recreation activities tend to differ across race strata. The figure above shows the distributions of residents in the region and market area residents by race/ethnicity.
- < If you managed for recreation activities preferred by one race class more than the population as a whole, what activities would you emphasize?

Favored Activities by Race Strata (Source: Table III. 4d1-4)

Race Group Strata	Favored Activities	Percent of Race Group in Market Area
Anglo Americans	1. Day hiking 2. Primitive camping 3. Horseback riding	74.3
African American	1. Gather mushrooms, berries, and other non-timber products 2. Small game hunting 3. Warmwater fishing	22.4
Asian Americans/ American Indians	1. Backpacking 2. Swimming in streams, lakes, ponds, or the ocean 3. Visit a wilderness or other primitive, roadless area	3.3
Hispanic Americans	1. Day hiking 2. Mountain biking 3. Visit waterside besides beach	15.5

Step 4.4.b – Current Race/Ethnic Distribution

How Will the Race and Ethnicity of the Population Change 2000 - 2020? (Source: Table II. 4h)

Race/ethnicity	Market Area		Region 8	
	Absolute change (1000's), 2000 to 2020	Percent change, 2000 to 2020	Absolute change (1000's), 2000 to 2020	Percent change, 2000 to 2020
Anglo American	1,296.1	19.4	14,545.5	20.8
African American	493.0	24.4	4,825.3	28.9
Asian/American Indian	290.4	97.6	1,776.3	79.3
Hispanic American	1,305.1	93.6	7,931.9	80.2

< Over the next 50 years, the racial composition is projected to change dramatically in the United States. Between 1990 and 2050, the proportion of Anglo Americans are expected to decline

from more than 76 percent to just over 50 percent. Shortly thereafter, Anglo Americans will no longer be a numerical majority. Considerable growth is expected in Hispanic populations in particular. As increases occur more in some race strata than others, the activities that these strata participate in are likely to experience increased demand.

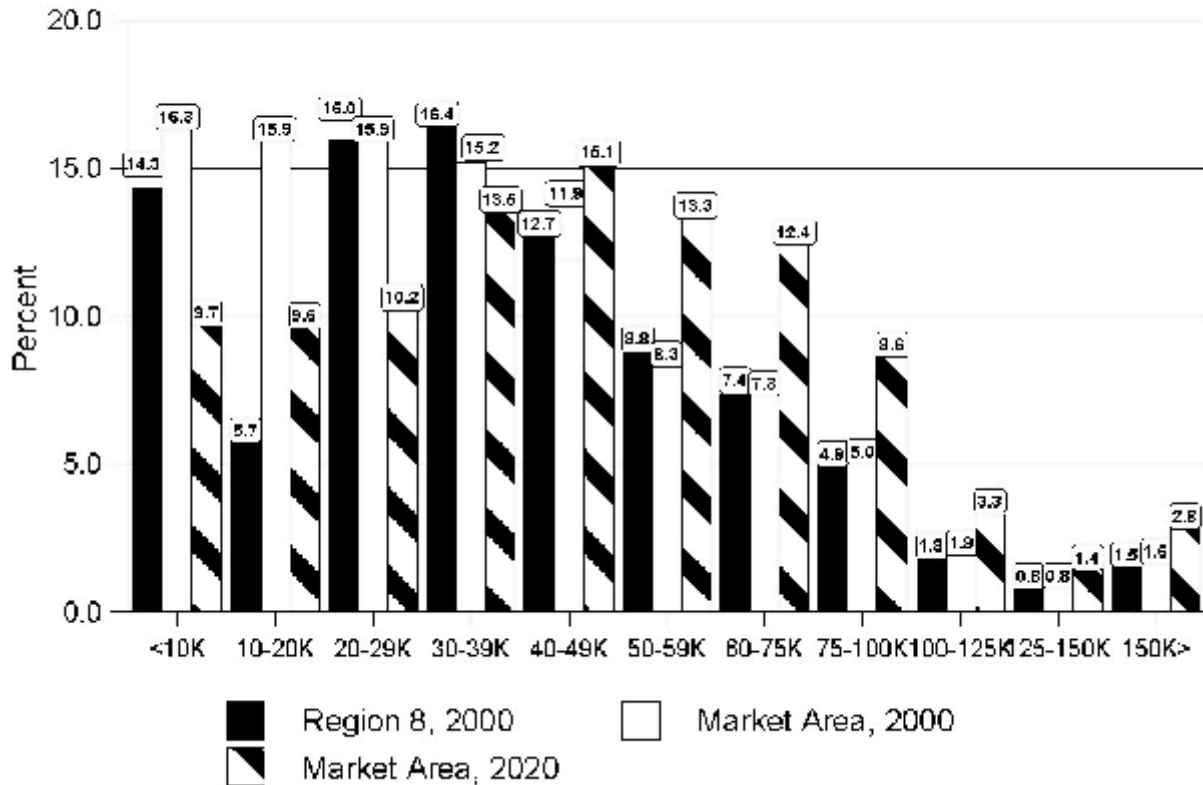
- < The table above shows percent increases in each of the race strata in the market area, 2000 - 2020.
- < Hispanic American, Anglo American, and African American groups are the highest growth strata.
- < Given the changing racial composition in the market area, which activities would you want to consider providing more of in the future?

Step 4.4.c – Favored Activities of Fastest Growing Race Group

High Growth Race Group Strata	Favored Activities
Highest growth race group	<ol style="list-style-type: none"> 1. Day hiking 2. Mountain biking 3. Visit waterside besides beach
2 nd highest growth race group	<ol style="list-style-type: none"> 1. Day hiking 2. Primitive camping 3. Horseback riding
3 rd highest growth race group	<ol style="list-style-type: none"> 1. Gather mushrooms, berries, and other non-timber products 2. Small game hunting 3. Warmwater fishing

Step 4.5 – Income

Current Income Distribution



(Source: Table II. 5b)

Step 4.5.a – Current Income Distribution

- < Income is very much linked to recreation participation choices. Incomes in the South have been rising, but not uniformly. Some counties still have persistently high levels of poverty and some have actually declined a little in real income. Income gains or losses in a market area can provide another source of information about how to align recreation management with demand conditions.
- < If you marketed to current income groups, which activities would you emphasize?

Favored Activities by Income Strata (Source: Table III. 4e1-11)

Income Strata (dollars) K=1,000	Favored Activities	Percent of Income Group in Market Area
< \$10K	1. Horseback riding on trails 2. Horseback riding 3. Primitive camping	16.3
\$10-\$20K	1. Horseback riding 2. Horseback riding on trails 3. View or photograph fish	15.9
\$20-\$29K	1. Primitive camping 2. Big game hunting 3. Backpacking	15.9
\$30-\$39K	1. Drive off-road 2. Big game hunting 3. Primitive camping	15.2
\$40-\$49K	1. Developed camping 2. Mountain biking 3. Day hiking	11.9
\$50-\$59K	1. Backpacking 2. Horseback riding 3. View birds	8.3
\$60-\$75K	1. Visit a wilderness or other primitive, roadless area 2. Swimming in streams, lakes, ponds, or the ocean 3. Gather mushrooms, berries, and other non-timber products	7.3
\$75-\$100K	1. Backpacking 2. Developed camping 3. Gather mushrooms, berries, and other non-timber products	5.0
\$100-\$125K	1. Horseback riding on trails 2. Mountain biking 3. Horseback riding	1.9

Income Strata (dollars) K=1,000	Favored Activities	Percent of Income Group in Market Area
\$125-\$150K	1. Mountain biking 2. View or photograph wildflowers, trees, or other natural vegetation 3. View birds	0.8
\$150K >	1. Horseback riding on trails 2. Horseback riding 3. Small game hunting	1.6

Step 4.5.b – Income Distribution

How Will Population Income Change 2000 - 2020? (Source: Table II. 5e)

Income category (K = \$1000)	Market Area		Region 8	
	Absolute change (1000's), 2000 to 2020	Percent change, 2000 to 2020	Absolute change (1000's), 2000 to 2020	Percent change, 2000 to 2020
< \$10K	-140.3	-26.2	-1,351.7	-28.3
\$10-\$20K	-130.5	-25.1	-1,437.1	-27.4
\$20-\$29K	-109.5	-21.0	-1,278.2	-23.9
\$30-\$39K	47.0	9.4	231.9	4.2
\$40-\$49K	220.1	56.2	2,519.8	59.5
\$50-\$59K	269.2	99.1	2,897.0	100.9
\$60-\$75K	266.5	111.7	2,857.2	115.7
\$75-\$100K	187.7	115.4	2,005.4	122.1
\$100-\$125K	72.7	116.1	756.4	123.1
\$125-\$150K	30.4	116.2	312.4	123.0
\$150K >	60.4	113.2	611.8	119.8

(Source: Table II, E.3)

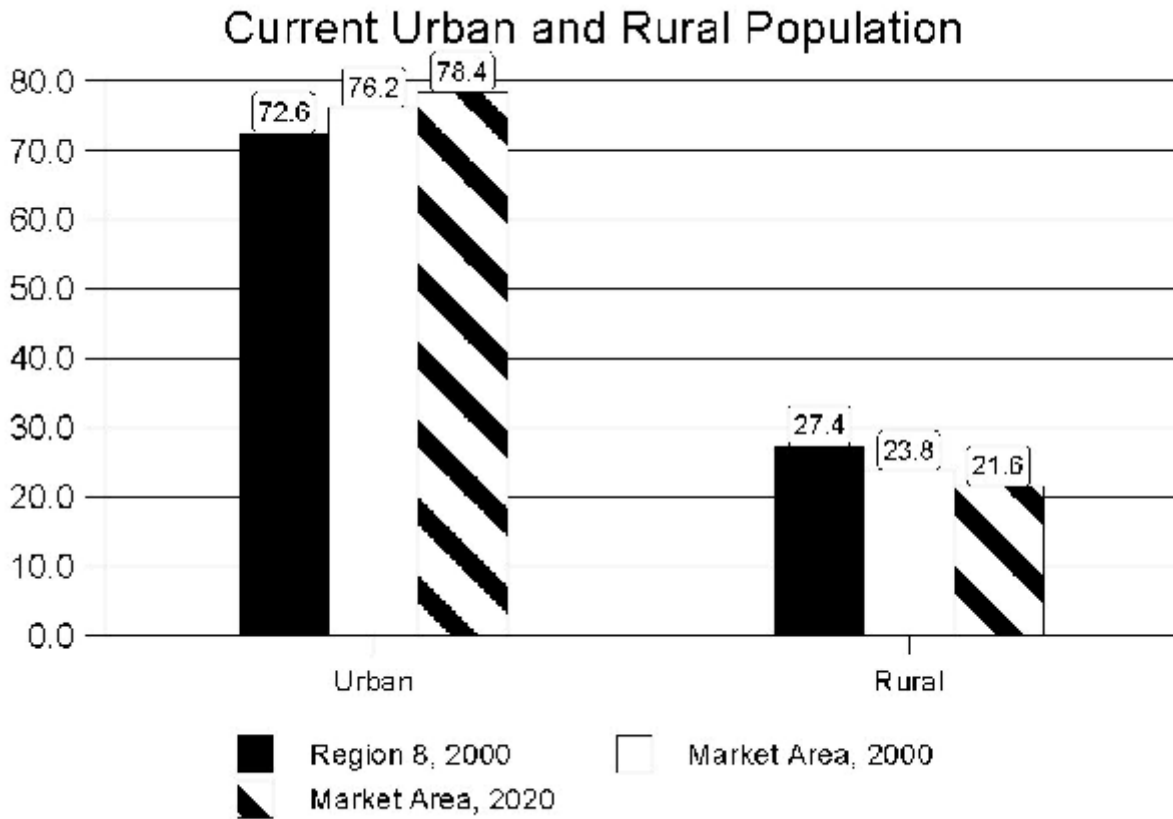
- < In the future, income in the United States is expected to rise. The table above shows percent increases in each of the income strata in the market area, 2000-2020.
- < \$50,000-\$59,999; \$60,000-\$74,999; and \$40,000-\$49,999 groups are the highest growth strata in the market area.
- < Given the changing income composition in the market area, which activities would you want to consider providing more of in the future?

Step 4.5.c – Favored Activities of Fastest Growing Income Group

High Growth Income Strata	Favored Activities
Highest growth income group	1. Backpacking 2. Horseback riding 3. View birds
2 nd highest growth income group	1. Visit a wilderness or other primitive, roadless area 2. Swimming in streams, lakes, ponds, or the ocean 3. Gather mushrooms, berries, and other non-timber products
3 rd highest growth income group	1. Developed camping 2. Mountain biking 3. Day hiking

Step 4.6 – Urban and Rural

Step 4.6.a – Current Urban and Rural Distribution



(Source: Table II. 6b)

- < The urban/rural distribution of the population differs from market area to market area. Urban populations are growing at much faster rates and numbers than rural populations. If a Forest's market area has a large urban population, it can expect higher demand and for that demand to increase at higher rates than their rurally-situated counterparts. Also, the urban-rural character of the population is important to consider in recreation management because people's outdoor recreation activities differ accordingly. The figure above shows the distribution of the regional and market area population according to urban and rural status.

- < If you marketed to urban or rural groups, which activities would you emphasize?

Favored Activities by Urban/Rural Strata (Source: Table III. 4f1-2)

Urban/Rural Strata	Favored Activities	Percent of Urban/Rural Group in Market Area
Urban	1. Backpacking 2. Mountain biking 3. Visit waterside besides beach 4. Day hiking 5. Swimming in streams, lakes, ponds, or the ocean	76.2
Rural	1. Small game hunting 2. Big game hunting 3. Warmwater fishing 4. Gather mushrooms, berries, and other non-timber products 5. Drive off-road	23.8

Step 4.6.b – Future Urban and Rural Distribution

How Will Urban/Rural Populations Change 2000 - 2020? (Source: Table II. 6e)

	Market Area		Region 8	
	Absolute change (1000's), 2000 to 2020	Percent change, 2000 to 2020	Absolute change (1000's), 2000 to 2020	Percent change, 2000 to 2020
Urban	1,827.5	26.6	18,276.6	28.3
Rural	251.9	11.8	2,870.4	11.8

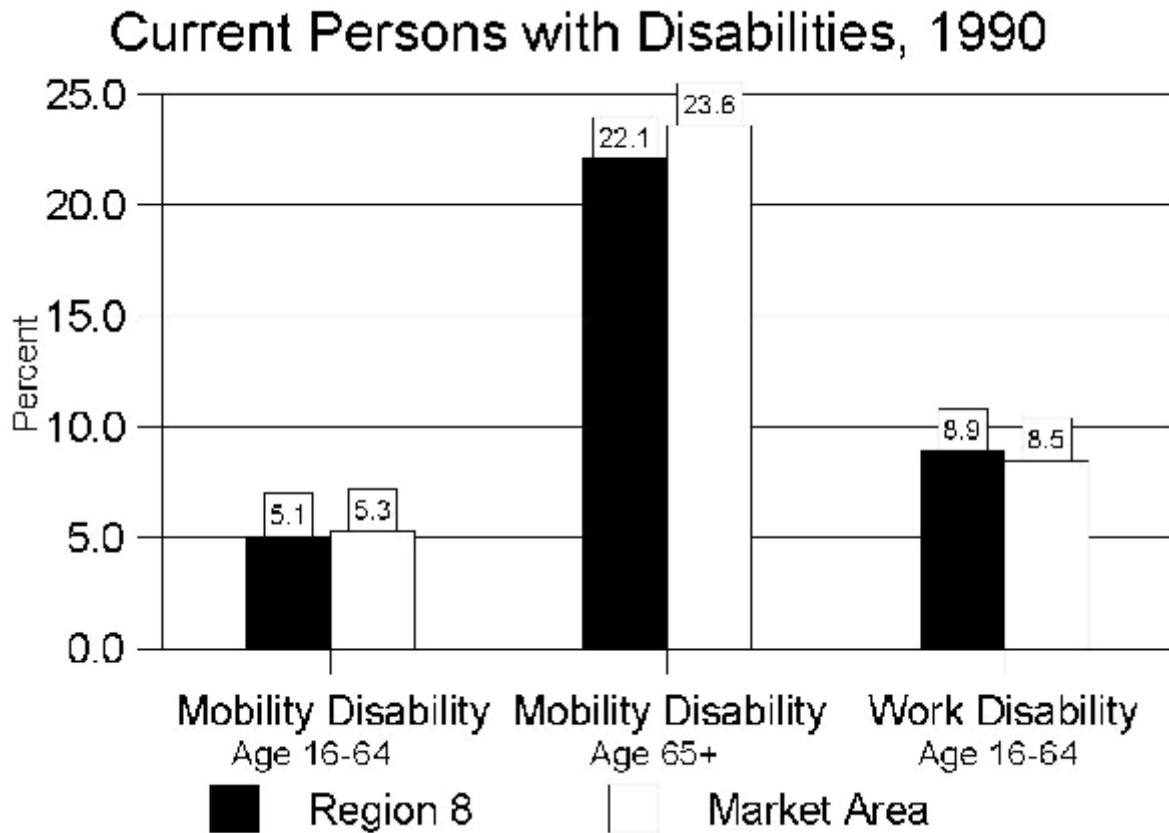
- < Over the next 50 years, all markets in the United States that contain urban areas are expected to significantly increase their rates of rural land conversion as suburbs sprawl out into rural lands. Between 1992 and 1997 in the United States, nearly 16 million acres of farm, forest and other open land was converted to developed uses. These developments tend to follow highway corridors radiating out from the nation’s urban areas. As more areas become urban in character, the activities urban people participate in are likely to experience increased demand.
- < The table above shows percent increases in each of the strata in the market area, 2000-2020.
- < Urban areas are the highest growth category in the market area.

< Given the changing urban/rural character of the market area, which activities would you want to consider providing more of in the future?

Step 4.6.c – Favored Activities of Fastest Growing Urban and Rural Groups

High Growth Strata	Favored Activities
Highest growth group	<ol style="list-style-type: none">1. Backpacking2. Mountain biking3. Visit waterside besides beach4. Day hiking5. Swimming in streams, lakes, ponds, or the ocean

Step 4.7 – Disability



(Source: Table II. 7)

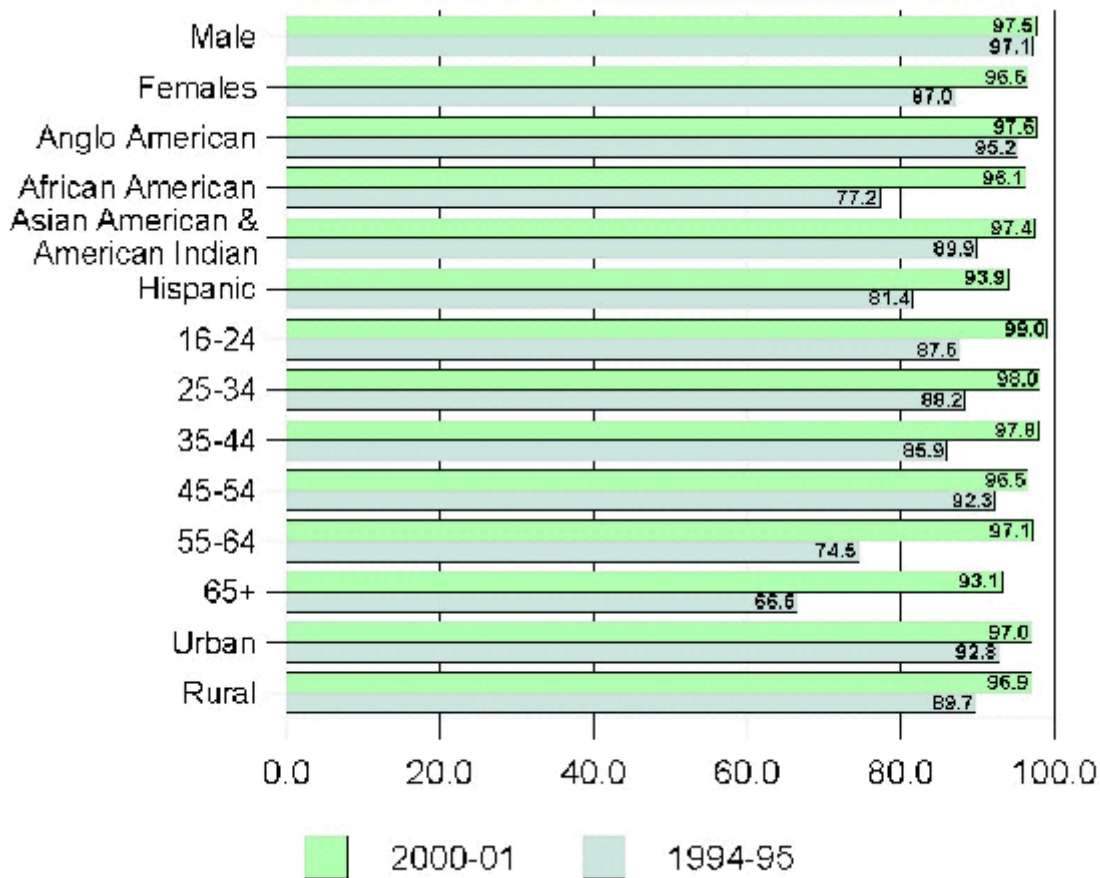
Step 4.7.a – Current Disability Distribution

- < As a percentage of the population, the disabled population varies little from market area to market area. However, the disabled population is important to consider in recreation management because people's outdoor recreation activities are highly defined by disability status. The figure above shows the distribution in the region and market area of residents by disability status.
- < If you managed to provide outdoor recreation settings for activities disproportionately enjoyed by disabled populations, which activities would you emphasize?

Favored Activities by Disability Strata (Source: Table III. 4g1-2)

Disability Strata	Favored Activities
Physical disability	<ol style="list-style-type: none">1. View birds2. View wildlife3. Swimming in streams, lakes, ponds, or the ocean
Other disability	<ol style="list-style-type: none">1. Swimming in streams, lakes, ponds, or the ocean2. View birds3. Warmwater fishing

Step 4.8 – Recreation Participation Analysis by Demographic Strata



< In the preceding pages covering Step 4, we have overviewed the favored activities of demographic groups and emphasized those growing the fastest. Before summing occurrence scores of activities across demographic categories, one more factor will be considered as a part of Step 4. Participation by some demographic groups—such as women’s participation in activities—have been increasing over time faster than by other demographic groups. For example, women report participating in activities 9.5 percent more in 2001 than in 1995. Higher rates of participation mean more overall demand. This suggests increased emphasis should be placed on the activities of demographic groups demonstrating the greatest increases in participation.

- < The previous graph shows the increased participation 1995 -2001 for all demographic groups for the region as a whole.³ If you managed for the fastest growing groups in participation over time, what activities would you emphasize?
- < The greatest increases in participation between 1995 and 2001 across all demographic groups occurred among 65 +, 55-64, Hispanic American, African American, and Female demographic groups.
- < Because of their increases in participation, if you market more to these groups, what would you emphasize?

High Growth Strata	Favored Activities
1 st) 65+	<ol style="list-style-type: none"> 1. View birds 2. Visit a wilderness or other primitive, roadless area 3. Gather mushrooms, berries, and other non-timber products
2 nd) 55-64	<ol style="list-style-type: none"> 1. Day hiking 2. Visit waterside besides beach 3. Developed camping
3 rd) Hispanic American	<ol style="list-style-type: none"> 1. Day hiking 2. Mountain biking 3. Visit waterside besides beach
4 th) African American	<ol style="list-style-type: none"> 1. Gather mushrooms, berries, and other non-timber products 2. Small game hunting 3. Warmwater fishing
5 th) Females	<ol style="list-style-type: none"> 1. View wildlife 2. View birds 3. Horseback riding on trails 4. Horseback riding 5. Swimming in streams, lakes, ponds, or the ocean

³ Income data is not available for this variable because income strata in the 1995 and 2001 NSRE are non-comparable.

Step 5. – Summing Step 4 Activity Scores Across Demographic Strata

Activity Ranking: Summary of Scoring Weights across all Demographic Segments

- < Now we are ready to sum scores across all the activities in Step 4 - the demographic analyses - into one table. The table on the current page cumulates and rank orders the activities according to how many times they occurred in step 4 of the report. This is one indicator of their demand in the market area.
- < In your market area, the following activities were most favored across groups:

Type II Activities	Total	Rank
Horseback riding	10	19
View birds	10	19
Backpacking	9	17
Mountain biking	9	17
Gather mushrooms, berries, and other non-timber products	9	17
Swimming in streams, lakes, ponds, or the ocean	9	17
Horseback riding on trails	8	13
Small game hunting	8	13
Day hiking	7	11
Visit waterside besides beach	6	10
Developed camping	5	9
Drive off-road	5	9
Big game hunting	5	9
Primitive camping	5	9
Warmwater fishing	5	9
Visit a wilderness or other primitive, roadless area	5	9
View wildlife	3	3
View or photograph wildflowers, trees, or other natural vegetation	2	2
View or photograph fish	1	1

Step 6. – Summing Activity Over 3 Dimensions of Demand

- < In this report, we now have considered three dimensions of demand. In Step 2, we identified the most popular activities (overall demand) in the market area. In Step 3, we identified the fastest growing activities in the region. In Step 4, we identified activities according to their being favored across demographic strata. Here, we compare results across steps. The most popular activities in each step receive a rank of 19, the second most popular receive a rank of 18, down to 1 for least popular. Summing across ranks provides a single indicator of demand for activities in the market area

- < This analysis reveals that in your market area gathering mushrooms, berries, and other non-timber products, horseback riding, and viewing birds are the activities most in demand -- across 3 dimensions of demand.

Step 6. – Summing Activity Scores Over 3 Dimensions of Demand (Steps 2-4)

Type II Activities	Step 2 Score from Ranking Most Popular Activities in the Market Area (Source: table III 3d) 1	Step 3 Score from Ranking by Rate of Growth in the Region (Source: Table III 3e)	Step 4 Score based on Cumulative Sum across Demographics Strata in the Market Area ³	Step 5 Total Score ⁴
Gather mushrooms, berries, and other non-timber products	14	10	17	41
Horseback riding	4	17	19	40
View birds	13	6	19	38
Swimming in streams, lakes, ponds, or the ocean	17	4	17	38
Day hiking	10	15	11	36
View wildlife	18	16	1	35
Visit a wilderness or other primitive, roadless area	15	10	10	35
Mountain biking	7	10	17	34
Horseback riding on trails	2	18	13	33
View or photograph fish	11	19	3	33
Warmwater fishing	16	7	9	32
Small game hunting	5	13	13	31
View or photograph wildflowers, trees, or other natural vegetation	19	10	2	31
Visit waterside besides beach	12	10	9	31
Big game hunting	6	14	9	29
Backpacking	1	5	17	23
Developed camping	9	3	9	21
Drive off-road	8	2	9	19
Primitive camping	3	1	9	13

¹ Most popular activities in the market area receive highest score, down to 1 for least popular of Type II activities (i.e., highest score = n, where n = number of activities)

² Fastest growing activities in the region receive highest score where growth rate in percent growth since 1995.

³ Highest cumulative scores (Type II activities) across demographics receive highest score.

⁴ Sum of scores across columns.

Step 7. – Identifying Niche Activities

- < What if your NF has niche markets that you want to emphasize because of unique, high quality resources, e.g., whitewater experiences, wilderness experiences. We have designed an exercise to help you learn more about who the niche users for special recreation (i.e., rockclimbing or ORV use) are in your market area.

Exercise

- < Turn to Appendix III, Tables 5-41 in your report. Identify the top 3 activities that you want to emphasize, that you know to be special attractions on your forest by reviewing the list of activities provided. Record the names of up to 3 niche activities below.

My Forest’s Special Niche Activities

Niche Activities

Step 8. – Equity Analysis

For each niche activity you identified from Step 7 AND for the top three activities identified in Step 6 as being in highest demand, fill in the following worksheet. When completed this worksheet will identify who will be disproportionately served or not served if you manage for activities identified in Steps 6 and 7. The exercise is basically a Civil Rights analysis.

- < Directions: To fill in the worksheet on the next page, follow the step-by-step directions that follow:
- a. Write in the top 3 activities identified in Step 6 and the top 3 niche activities from Step 7 (6 activities in total).
 - b. Next, for each activity, record in the following table the ratio values found in Tables 5-41 in Appendix III (Note: there is a separate table for each activity). These values are found in column 4 (Ratio (1)/(2)).
 - c. Then record the number of ratio values equal to or less than 0.9 for each demographic strata in the third from last column of the table below.
 - d. Record the number of ratio values equal to or greater than 1.1 in the second from last column.
 - e. Finally, subtract the number of values $\#0.9$ from the number $\$1.1$ and record this difference in the last column. If difference is < 0 , under service is suspected.

Demographic Strata	Ratios for Type II and III Activities Selected						Potential Equity Scores		
	Activity #1 _____	Activity #2 _____	Activity #3 _____	Activity #4 _____	Activity#5 _____	Activity #6 _____	Number 0.9 or less	Number 1.1 or more	Number 0.9's minus number 1.1's
Male	-	-	-	-	-	-			
Female									
Anglo-American									
African-American									
Asian, Native American									
Hispanic									
15-25 years old									
25-35 years old									
35-50 years old									
50-65 years old									
65+ years old									
< \$15K									
\$15-24,999									
\$25-49,999									
\$50-74,999									
\$75-99,999									
\$100,000 >									
Urban									

Rural							
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Step 8.1 – Summarizing Your Equity Analysis

Your Equity Analysis shows that if you select to emphasize the following activities:
 (List top 3 activities from Step 6 and the top 3 from Step 7)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

A. You will be orienting your recreation program toward service for:
 (Record the names of the demographic strata with values in the last column of the Equity Analysis worksheet that are \$+1)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

B. You may disproportionately under-serve:
 (Record the names of the demographic strata in the Worksheet that are # -1)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

C. Now, considering the top 3 activities identified in both Steps 6 and 7 as being in greatest demand, and considering agency, federal and regional policy with respect to Civil Rights and service equity, list the activities below that you select to emphasize. Remember these are in addition to all the Type I, widely popular activities, that we recommend you provide whenever and wherever you can.

1. _____
2. _____

3. _____
4. _____
5. _____
6. _____

Step 9. – Other Suppliers of Outdoor Recreation in your Market Area

- a. The table below shows the other suppliers of outdoor recreation in your market area (based on available data). It describes the number of acres in your market area of a variety of public lands and private providers including National Park (NPS) acres, Army Core of Engineers (COE) acres, among others, as well as data from the American Business Listings (ABI) for numbers of private recreation businesses in the market area.
- b. Take time here to bring your local knowledge to bear on the local market area scene and its implications for your recreation realignment.
- c. In light of the activities you selected, review the supply by other providers and consider your own knowledge of the mix of private and public suppliers in your management area.
- d. Does other supply adequately meet demands for the activities you selected?
- e. Do local providers meet demand for some of the selected activities better than your Forest?
- f. Evaluate each selected activity and note by each one in the work space following this table your assessment of your Forest’s legitimate supply role.

Recreation Resource	Market Area		Region 8	
	Amount of resource	Amount per million population	Amount of resource	Amount per million population
NPS gross acres	768,123	64,350.8	5,411,892	60,809.1
COE Project total land and water acres	321,985	26,974.8	5,633,764	63,302.1
FWS refuge acres open for recreation	0	0	3,594,475	40,388.3
TVA recreation area acres	10,549	883.8	25,267	283.9
TVA undeveloped acres	130,336	10,919.1	414,876	4,661.6

Wild & Scenic River miles: Total 1992	133	11.1	446	5.0
NRI Total river miles, outstanding value	4,069	340.9	23,226	261.0
Recreation Resource	Market Area		Region 8	
	Amount of resource	Amount per million population	Amount of resource	Amount per million population
State Park areas	226,240	18,953.6	1,571,214	17,654.5
Woodalls number of public campgrounds	34	2.8	310	3.5
Woodalls number of public campground sites	3,166	265.2	25,853	290.5
Woodalls number of private campgrounds	267	22.4	1,852	20.8
Woodalls number of private campground sites	24,772	2,075.3	222,054	2,495.0
NRI acres private forest land	23,398,200	52.6	173,078,600	32.4
NPLOS acres leased to industry or groups	1,483,419	124,275.9	33,906,753	380,983.3
NPLOS acres open to general public	2,683,426	224,808.6	30,262,101	340,031.3
ABI number of hunting and fishing preserves	15	1.3	192	2.2
ABI number of fish camps	2	0.2	202	2.3
ABI number of organized camps	297	24.9	1,722	19.3
ABI number of private fishing lakes	3	0.3	24	0.3
ABI number of boat rental firms	62	5.2	2,054	23.1
ABI number of canoe trip outfitters	1	0.1	19	0.2

ABI number of canoe rental firms	12	1.0	73	0.8
ABI number of public fishing lakes	34	2.8	95	1.1
Recreation Resource	Market Area		Region 8	
	Amount of resource	Amount per million population	Amount of resource	Amount per million population
ABI number of guide services	13	1.1	361	4.1
ABI number of sightseeing tours	55	4.6	603	6.8
ABI number of fishing lakes and ponds	7	0.6	76	0.9
ABI number of raft trip firms	19	1.6	29	0.3

Observations concerning how the availability of other providers affect each selected activity.

Activity (list activities from Steps 6 and 7)	U	Comments evaluating whether my NF is best positioned to provide this activity.
1.		
2.		
3.		
4.		
5.		
6.		

< Place a check (**U**) beside each activity you have decided to recommend to the Forest Supervisor

and District Rangers for management emphasis. Remember, all Type I activities are to be considered automatically selected.

Step 10. – Summary Observations, Concerns and Needed Follow-up

- < Take a few minutes to review the findings from the overall demand in Step 6, the niche market analysis in Step 7, your equity analysis in Step 8, and your evaluation of other providers in step 9. In a facilitated session, it is recommended you discuss with other workshop participants the following questions:
 - < What changes might be warranted in NFS recreation management in Region 8?
 - < Are some types of NFS areas underused or overused? How can under- and over-use be addressed in recreation realignment?
 - < Where is population growth and change coming from and what are the likely impacts on recreation programs on the Forest and in the Region?
 - < What are the most popular activities overall and what are the implications for recreation management on the Forest and in the Region?
 - < What are the disproportionately favored activities among subgroups of the population and what are the implications for recreation management?
 - < What are the niche activities or settings on the Forest, who is served by them, and what are the implications for recreation management?

- < Take some time to record your thoughts about what you learned in this workshop and what information might be useful in further realignment efforts and your recommendations to the Forest Supervisor and District Rangers.

Observations and Comments on Recreation Realignment Activities



Appendix I

I: OVERVIEW OF MARKET AREA

Table 1--Descriptive statistics for the TEXAS & LOUISIANA NATIONAL FORESTS Market Area

Projected percent 2000 2020	FIPS code	County name	Number of NSRE interviews	Total populati on 2000	Total populati on 2020	change, to
	48339	Montgomery, TX	24	289,286	508,209	75.7
	48157	Fort Bend, TX	20	357,088	610,575	71.0
	48291	Liberty, TX	6	68,462	105,721	54.4
	48005	Angelina, TX	12	87,080	133,010	52.7
	48373	Polk, TX	8	45,471	68,073	49.7
	48471	Walker, TX	5	61,845	90,350	46.1
	48185	Grimes, TX	1	24,424	35,559	45.6
	48041	Brazos, TX	15	144,056	198,155	37.6
	48213	Henderson, TX	4	71,023	97,421	37.2
	48039	Brazoria, TX	25	234,541	308,800	31.7
	48347	Nacogdoches, TX	13	60,626	77,701	28.2
	48403	Sabine, TX	3	11,255	14,427	28.2
	48201	Harris, TX	189	3,302,961	4,213,301	27.6
	48315	Marion, TX	3	11,030	13,757	24.7
	48001	Anderson, TX	11	53,947	66,839	23.9
	48167	Galveston, TX	11	252,112	311,154	23.4
	48037	Bowie, TX	8	88,665	108,050	21.9
	48199	Hardin, TX	7	49,212	59,940	21.8
	22043	Grant, LA	8	19,280	23,435	21.6
	48365	Panola, TX	3	24,185	29,191	20.7
	22099	St Martin, LA	7	48,085	56,628	17.8
	48457	Tyler, TX	4	19,772	23,244	17.6
	22011	Beauregard, LA	12	33,177	38,936	17.4
	48241	Jasper, TX	5	34,247	40,129	17.2
	48289	Leon, TX	3	14,327	16,744	16.9
	22023	Cameron, LA	7	9,159	10,640	16.2
	22055	Lafayette, LA	21	187,033	217,137	16.1
	48015	Austin, TX	5	23,230	26,809	15.4
	48423	Smith, TX	16	167,589	191,475	14.3
	48477	Washington, TX	4	29,002	33,113	14.2
	48473	Waller, TX	1	27,340	31,129	13.9
	48071	Chambers, TX	1	22,764	25,783	13.3
	22015	Bossier, LA	15	93,905	106,298	13.2
	48467	Van Zandt, TX	3	42,669	47,885	12.2
	22111	Union, LA	6	22,185	24,857	12.0
	48407	San Jacinto, TX	6	19,793	22,133	11.8
	48459	Upshur, TX	5	35,468	39,637	11.8
	48401	Rusk, TX	7	45,968	51,290	11.6
	22061	Lincoln, LA	16	44,245	48,833	10.4
	48161	Freestone, TX	4	17,443	19,227	10.2
	48051	Burleson, TX	1	15,351	16,859	9.8
	48481	Wharton, TX	0	41,306	45,256	9.6
	48455	Trinity, TX	1	12,577	13,777	9.5

22039	Evangeline, LA	10	34,618	37,828	9.3
48351	Newton, TX	8	14,674	15,956	8.7
22053	Jefferson Davis, LA	12	32,389	35,181	8.6
22019	Calcasieu, LA	36	179,535	194,780	8.5

Source: NSRE is the National Survey on Recreation and the Environment, 2000-2001.

USDA Forest Service, Southern Research Station, Athens, GA.

2000 population estimate and 2020 population projection are from Woods & Poole Economics Inc., 1997.

I: OVERVIEW OF MARKET AREA

Table 1--Descriptive statistics for the TEXAS & LOUISIANA NATIONAL FORESTS Market Area

Projected percent 2000 2020	FIPS code	County name	Number of NSRE interviews	Total populati on 2000	Total populati on 2020	change, to
	22073	Ouachita, LA	15	149,869	162,626	8.5
	22079	Rapides, LA	24	129,770	140,614	8.4
	48067	Cass, TX	2	31,209	33,818	8.4
	48225	Houston, TX	3	22,340	24,207	8.4
	22003	Allen, LA	7	24,100	26,084	8.2
	48313	Madison, TX	1	12,111	13,053	7.8
	22125	West Feliciana, LA	4	12,917	13,877	7.4
	48183	Gregg, TX	6	112,365	120,475	7.2
	22115	Vernon, LA	7	56,196	60,111	7.0
	22085	Sabine, LA	6	24,058	25,718	6.9
	48287	Lee, TX	0	14,090	15,051	6.8
	48499	Wood, TX	4	32,756	34,984	6.8
	48149	Fayette, TX	5	21,414	22,809	6.5
	48361	Orange, TX	12	86,027	91,563	6.4
	22029	Concordia, LA	2	21,373	22,725	6.3
	48245	Jefferson, TX	19	247,053	262,605	6.3
	48349	Navarro, TX	3	41,379	43,993	6.3
	22009	Avoyelles, LA	11	40,725	43,241	6.2
	28021	Clai borne, MS	4	11,732	12,443	6.1
	48203	Harrison, TX	8	59,435	62,873	5.8
	48419	Shelby, TX	1	22,707	23,994	5.7
	22059	La Salle, LA	4	14,068	14,823	5.4
	48073	Cherokee, TX	5	42,503	44,737	5.3
	5091	Miller, AR	4	39,490	41,499	5.1
	22069	Natchitoches, LA	8	38,229	39,805	4.1
	22113	Vermilion, LA	7	51,250	53,358	4.1
	48293	Limestone, TX	1	21,071	21,940	4.1
	5081	Little River, AR	3	13,494	14,037	4.0
	5057	Hempstead, AR	4	22,395	23,268	3.9
	22077	Pointe Coupee, LA	0	23,485	24,383	3.8
	5043	Drew, AR	2	18,006	18,646	3.6
	22119	Webster, LA	6	42,490	43,802	3.1
	5027	Columbia, AR	4	25,818	26,521	2.7
	22013	Bienville, LA	3	15,895	16,303	2.6

22097	St Landry, LA	14	83,285	85,446	2.6
5013	Calhoun, AR	4	5,834	5,974	2.4
48331	Milam, TX	3	23,597	24,138	2.3
22067	Morehouse, LA	1	32,211	32,913	2.2
22001	Acadia, LA	7	57,612	58,752	2.0
22021	Caldwell, LA	6	10,236	10,420	1.8
22127	Winn, LA	4	17,090	17,353	1.5
5019	Clark, AR	3	22,156	22,474	1.4
48089	Colorado, TX	5	18,807	19,065	1.4
22081	Red River, LA	6	9,454	9,571	1.2
22031	De Soto, LA	2	25,220	25,485	1.1
22047	Iberville, LA	4	31,121	31,355	0.8
22027	Claiborne, LA	6	17,275	17,391	0.7

Source: NSRE is the National Survey on Recreation and the Environment, 2000-2001.

USDA Forest Service, Southern Research Station, Athens, GA.

2000 population estimate and 2020 population projection are from Woods & Poole Economics Inc., 1997.

I: OVERVIEW OF MARKET AREA

Table 1--Descriptive statistics for the TEXAS & LOUISIANA NATIONAL FORESTS Market Area

Projected		Number of NSRE interviews	Total population 2000	Total population 2020	percent change, to 2020
2000	FIPS code				
	County name				
	Franklin, MS	3	8,248	8,282	0.4
	Robertson, TX	2	15,510	15,556	0.3
	Adams, MS	8	34,612	34,637	0.1
	Ashley, AR	5	24,620	24,618	0.0
	Jackson, LA	2	15,705	15,696	-0.1
	San Augustine, TX	1	7,984	7,974	-0.1
	Cleveland, AR	5	8,081	8,068	-0.2
	Caddo, LA	26	246,343	245,941	-0.2
	Richland, LA	4	20,739	20,705	-0.2
	Union, AR	8	46,103	45,917	-0.4
	Madison, LA	2	12,668	12,610	-0.5
	Lafayette, AR	5	9,195	9,124	-0.8
	Catahoula, LA	3	11,120	10,874	-2.2
	Nevada, AR	1	9,920	9,689	-2.3
	Dallas, AR	2	9,412	9,178	-2.5
	Franklin, LA	5	22,118	21,529	-2.7
	West Carroll, LA	2	12,040	11,715	-2.7
	Jefferson, MS	3	8,467	8,147	-3.8
	Falls, TX	0	17,696	17,010	-3.9
	Ouachita, AR	11	28,251	27,083	-4.1
	Bradley, AR	2	11,510	10,982	-4.6
	Wilkinson, MS	8	9,565	9,001	-5.9
	Tensas, LA	2	6,796	6,378	-6.2
		=====	=====	=====	
		962	9,016,821	11,096,269	

Source: NSRE is the National Survey on Recreation and the Environment, 2000-2001.

USDA Forest Service, Southern Research Station, Athens, GA.

2000 population estimate and 2020 population projection are from Woods & Poole Economics Inc., 1997.

Appendix II

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 1--Population and percent change in the market area, state, and region: 1990, 2000, and 2020

TEXAS & LOUISIANA NATIONAL FORESTS			
Statistic	Market Area	State	Region 8
1990 population (1,000s)	7,939.2	21,263.0	77,867.8
2000 population (1,000s)	9,016.8	24,592.8	88,998.0
2020 population (1,000s)	11,096.3	30,714.1	110,145.0
Percent change, 1990-2000	13.6	15.7	14.3
Percent change, 2000-2020	23.1	24.9	23.8

Source: Woods & Poole Economics Inc., 1997.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 2a--Age distribution in market area, state, and R-8, 1990

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 populati on Age Group 1990	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	populati on 1990	% populati on 1990	populati on 1990	% populati on 1990	populati on 1990
Age 15-24 15.1	1,206.0	15.2	3,304.9	15.5	11,730.7
Age 25-34 17.1	1,386.6	17.5	3,786.6	17.8	13,294.3
Age 35-44 14.9	1,195.1	15.1	3,164.4	14.9	11,574.2
Age 45-54 10.1	775.9	9.8	2,031.7	9.6	7,851.9
Age 55-64 8.5	626.7	7.9	1,626.0	7.6	6,596.5
Age 65 & older 12.6	841.3	10.6	2,184.4	10.3	9,785.1
=====	=====	=====	=====	=====	=====
78.3	6,031.6	76.1	16,098.0	75.7	60,832.7

Source: Woods & Poole Economics Inc. , 1997.

Percentages do not sum to 100 because ages 14 and under not included.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 2b--Current age distribution in market area, state, and R-8, 2000

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 populati on Age Group 2000	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	populati on 2000	% populati on 2000	populati on 2000	% populati on 2000	populati on 2000
Age 15-24 14.2	1,330.1	14.8	3,691.0	15.0	12,671.7
Age 25-34 13.5	1,216.0	13.5	3,436.9	14.0	11,976.4
Age 35-44 16.0	1,475.2	16.4	3,976.3	16.2	14,224.4
Age 45-54 13.4	1,178.3	13.1	3,136.0	12.8	11,920.4
Age 55-64 8.8	742.5	8.2	1,961.0	8.0	7,861.4
Age 65 & older 12.6	956.5	10.6	2,528.4	10.3	11,256.2
=====	=====	=====	=====	=====	=====
78.5	6,898.6	76.6	18,729.6	76.3	69,910.5

Source: Woods & Poole Economics Inc. , 1997.

Percentages do not sum to 100 because ages 14 and under not included.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 2c--Projected future age distribution in market area, state, and R-8, 2020

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 populati on Age Group 2020	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	populati on 2020	% populati on 2020	populati on 2020	% populati on 2020	populati on 2020
Age 15-24 13.2	1,540.6	13.9	4,352.9	14.2	14,537.3
Age 25-34 13.1	1,527.5	13.8	4,320.9	14.1	14,437.1
Age 35-44 12.3	1,381.8	12.5	3,849.7	12.5	13,516.1
Age 45-54 11.6	1,236.4	11.1	3,438.5	11.2	12,746.4
Age 55-64 12.9	1,377.6	12.4	3,654.3	11.9	14,200.7
Age 65 & older 16.9	1,623.1	14.6	4,274.9	13.9	18,619.7
=====	=====	=====	=====	=====	=====
80.0	8,687.0	78.3	23,891.2	77.8	88,057.3

Source: Woods & Poole Economics Inc. , 1997.

Percentages do not sum to 100 because ages 14 and under not included.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 2d--Absolute and percent change in population by age groups
in market area, state, and region-wide, 1990-2000

TEXAS & LOUISIANA NATIONAL FORESTS

(Absolute change in 1000s.)

Pct. change,	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,
	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
REGION 8	1990 to 2000	1990 to 2000	1990 to 2000	1990 to 2000	1990 to 2000
Age Group					
1990 to 2000					
Age 15-24	124.1	10.3	386.1	11.7	941.0
8.0					
Age 25-34	-170.6	-12.3	-349.7	-9.2	-1,317.9
-9.9					
Age 35-44	280.1	23.4	811.9	25.7	2,650.2
22.9					
Age 45-54	402.4	51.9	1,104.3	54.4	4,068.5
51.8					
Age 55-64	115.8	18.5	335.0	20.6	1,264.9
19.2					
Age 65 & older	115.2	13.7	344.0	15.8	1,471.1
15.0					

Source: Woods & Poole Economics Inc., 1997.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 2e--Projected absolute and percent change in population by age groups
in market area, state, and region-wide, 2000-2020

TEXAS & LOUISIANA NATIONAL FORESTS

(Absolute change in 1000s.)

Pct. change, REGION 8 Age Group 2000 to 2020	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,
	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	2000 to 2020	2000 to 2020	2000 to 2020	2000 to 2020	2000 to 2020
Age 15-24 14.7	210.5	15.8	661.9	17.9	1,865.6
Age 25-34 20.5	311.5	25.6	884.0	25.7	2,460.7
Age 35-44 -5.0	-93.4	-6.3	-126.6	-3.2	-708.3
Age 45-54 6.9	58.1	4.9	302.5	9.6	826.0
Age 55-64 80.6	635.1	85.5	1,693.3	86.3	6,339.3
Age 65 & older 65.4	666.6	69.7	1,746.5	69.1	7,363.5

Source: Woods & Poole Economics Inc., 1997.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 3a--Household size distribution in market area, state, and R-8, 1990

TEXAS & LOUISIANA NATIONAL FORESTS

(Number of households in 1000s.)

REGION 8	MARKET AREA		STATE		REGION 8	
	# households	% households	# households	% households	# households	%
households						
Household size	1990	1990	1990	1990	1990	
1990						
1 person households	685.2	24.0	1,792.2	23.7	6,861.2	
23.7						
2 person households	853.9	29.9	2,253.3	29.7	9,422.9	
32.6						
3 person households	503.9	17.7	1,328.4	17.5	5,225.3	
18.1						
4 person households	453.7	15.9	1,204.6	15.9	4,381.1	
15.2						
5+ person households	358.1	12.5	999.2	13.2	3,011.3	
10.4						
	=====	=====	=====	=====	=====	
	2,854.8	100.0	7,577.7	100.0	28,901.8	
100.0						

Source: CensusDC+Map, Geolytics, Inc., 1999.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 3b--Household size distribution in market area, state, and R-8, 1998

TEXAS & LOUISIANA NATIONAL FORESTS

(Number of households in 1000s.)

REGION 8	MARKET AREA		STATE		REGION 8	
	# households	% households	# households	% households	# households	%
households						
Household size	1998	1998	1998	1998	1998	
1998						
1 person households	806.5	24.8	2,142.0	24.3	7,974.0	
24.4						
2 person households	996.7	30.7	2,683.3	30.5	10,902.9	
33.4						
3 person households	552.0	17.0	1,491.0	16.9	5,689.2	
17.4						
4 person households	519.2	16.0	1,411.6	16.0	4,977.5	
15.2						
5+ person households	375.0	11.5	1,073.2	12.2	3,138.4	
9.6						
	=====	=====	=====	=====	=====	
	3,249.4	100.0	8,801.1	99.9	32,682.0	
100.0						

Source: CensusDC+Map, Geolytics, Inc., 1999.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 3c--Projected future household size distribution in market area, state, and R-8, 2003

TEXAS & LOUISIANA NATIONAL FORESTS						
(Number of households in 1000s.)						
REGION 8	MARKET AREA		STATE		REGION 8	
households	# households	% households	# households	% households	# households	%
Household size	2003	2003	2003	2003	2003	
2003						
1 person households	901.8	25.8	2,420.4	25.3	8,935.5	
25.3						
2 person households	1,092.1	31.3	2,978.3	31.1	11,983.4	
34.0						
3 person households	566.9	16.2	1,553.0	16.2	5,863.4	
16.6						
4 person households	543.0	15.5	1,497.2	15.6	5,218.9	
14.8						
5+ person households	390.2	11.2	1,135.5	11.8	3,272.4	
9.3						
=====	=====	=====	=====	=====	=====	
	3,494.0	100.0	9,584.4	100.0	35,273.6	
100.0						

Source: CensusDC+Map, Geolytics, Inc., 1999.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 3d--Absolute and percent change in number of households by size category
in market area, state, and region-wide, 1990-1998

TEXAS & LOUISIANA NATIONAL FORESTS

(Absolute change in 1000s.)

change, REGION 8 Household size to 1998	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,	Pct.
	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8	
	1990 to 1998	1990 to 1998	1990 to 1998	1990 to 1998	1990 to 1998	1990
1 person households 16.2	121.3	17.7	349.8	19.5	1,112.8	
2 person households 15.7	142.8	16.7	430.0	19.1	1,480.0	
3 person households 8.9	48.1	9.5	162.6	12.2	463.9	
4 person households 13.6	65.5	14.4	207.0	17.2	596.4	
5+ person households 4.2	16.9	4.7	74.0	7.4	127.1	

Source: CensusDC+Map, Geolytics, Inc., 1999.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 3e--Projected absolute and percent change in number of households by size category

in market area, state, and region-wide, 1998-2003

TEXAS & LOUISIANA NATIONAL FORESTS

(Absolute change in 1000s.)

change, REGION 8 Household size to 2003	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,	Pct.
	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8	
	1998 to 2003	1998 to 2003	1998 to 2003	1998 to 2003	1998 to 2003	1998
1 person households 12.1	95.3	11.8	278.4	13.0	961.5	
2 person households 9.9	95.4	9.6	295.0	11.0	1,080.5	
3 person households 3.1	14.9	2.7	62.0	4.2	174.2	
4 person households 4.8	23.8	4.6	85.6	6.1	241.4	
5+ person households 4.3	15.2	4.1	62.3	5.8	134.0	

Source: CensusDC+Map, Geolytics, Inc., 1999.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 4a--Population distribution by race/ethnicity in market area, state, and R-8, 1990

(Hispanics included, can be of any race.)

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 populati on Race/ethni ci ty 1990	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	populati on 1990	% populati on 1990	populati on 1990	% populati on 1990	populati on % 1990
White populati on 79. 8	6, 009. 3	75. 7	17, 431. 0	82. 0	62, 118. 5
Black populati on 18. 2	1, 740. 5	21. 9	3, 362. 4	15. 8	14, 200. 0
Other populati on 2. 0	189. 4	2. 4	469. 6	2. 2	1, 549. 2
=====	=====	=====	=====	=====	=====
100. 0	7, 939. 2	100. 0	21, 263. 0	100. 0	77, 867. 7

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

OTHER population includes Asians, Pacific Islanders and American Indians.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 4b--Population distribution by race/ethnicity in market area, state, and R-8, 1990

(Hispanics ONLY, can be of any race.)

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 population Race/ethnicity 1990	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	population	% population	population	% population	population %
	1990	1990	1990	1990	1990
Hispanic population	924.0	11.6	4,450.9	20.9	6,611.9

8.5

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 4c--Population distribution by race/ethnicity in market area, state, and R-8,
2000

(Hispanics included, can be of any race.)

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 population Race/ethnicity 2000	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	population	% population	population	% population	population %
	2000	2000	2000	2000	2000
White population 78.7	6,696.6	74.3	19,874.6	80.8	70,074.9
Black population 18.7	2,022.8	22.4	3,992.5	16.2	16,682.8
Other population 2.5	297.4	3.3	725.8	3.0	2,240.2
=====	=====	=====	=====	=====	=====
	9,016.8	100.0	24,592.9	100.0	88,997.9
99.9					

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

OTHER population includes Asians, Pacific Islanders and American Indians.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 4d--Population distribution by race/ethnicity in market area, state, and R-8,
2000

(Hispanics ONLY, can be of any race.)

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 population Race/ethnicity 2000	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	population	% population	population	% population	population %
	2000	2000	2000	2000	2000
Hispanic population	1,394.0	15.5	6,357.6	25.9	9,890.5

11.1

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 4e--Population distribution by race/ethnicity in market area, state, and R-8, 2020

(Hispanics included, can be of any race.)

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 populati on Race/ethni ci ty 2020	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	population	% populati on	population	% populati on	population %
	2020	2020	2020	2020	2020
White populati on 76. 8	7, 992. 7	72. 0	24, 146. 7	78. 6	84, 620. 4
Black populati on 19. 5	2, 515. 8	22. 7	5, 149. 2	16. 8	21, 508. 1
Other populati on 3. 6	587. 8	5. 3	1, 418. 2	4. 6	4, 016. 5
=====	=====	=====	=====	=====	=====
99. 9	11, 096. 3	100. 0	30, 714. 1	100. 0	110, 145. 0

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

OTHER population includes Asians, Pacific Islanders and American Indians.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 4f--Population distribution by race/ethnicity in market area, state, and R-8, 2020

(Hispanics ONLY, can be of any race.)

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 population Race/ethnicity 2020	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	population	% population	population	% population	population %
	2020	2020	2020	2020	2020
Hispanic population 16.2	2,699.1	24.3	10,647.4	34.7	17,822.4

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 4g--Absolute and percent change in population by race/ethnicity
in market area, state, and region-wide, 1990-2000

TEXAS & LOUISIANA NATIONAL FORESTS

(Absolute change in 1000s.)

change, REGION 8 Race/ethnicity to 2000	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,	Pct.
	MARKET AREA 1990 to 2000	MARKET AREA 1990 to 2000	STATE 1990 to 2000	STATE 1990 to 2000	REGION 8 1990 to 2000	1990
White population 12.8	687.3	11.4	2,443.6	14.0	7,956.4	
Black population 17.5	282.3	16.2	630.1	18.7	2,482.8	
Other population 44.6	108.0	57.0	256.2	54.6	691.0	
Hispanic population 49.6	470.0	50.9	1,906.7	42.8	3,278.6	

Source: Woods & Poole Economics Inc., 1997.

OTHER population includes Asians, Pacific Islanders and American Indians.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 4h--Projected absolute and percent change in population by race/ethnicity
in market area, state, and region-wide, 2000-2020

TEXAS & LOUISIANA NATIONAL FORESTS

(Absolute change in 1000s.)

change, REGION 8 Race/ethnicity to 2020	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,	Pct.
	MARKET AREA 2000 to 2020	MARKET AREA 2000 to 2020	STATE 2000 to 2020	STATE 2000 to 2020	REGION 8 2000 to 2020	2000
White population	1,296.1	19.4	4,272.1	21.5	14,545.5	
20.8 Black population	493.0	24.4	1,156.7	29.0	4,825.3	
28.9 Other population	290.4	97.6	692.4	95.4	1,776.3	
79.3 Hispanic population	1,305.1	93.6	4,289.8	67.5	7,931.9	
80.2						

Source: Woods & Poole Economics Inc., 1997.

OTHER population includes Asians, Pacific Islanders and American Indians.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 5a--Household income distribution in market area, state, and R-8, 1990

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 Income households category 1990	MARKET AREA		STATE		REGION 8	
	# households	% households	# households	% households	# households	%
	1990	1990	1990	1990	1990	
\$<10k 18.4	587.6	20.5	1,458.4	19.2	5,337.6	
\$10-19.999k 19.8	558.0	19.5	1,497.6	19.7	5,742.6	
\$20-29.999k 17.8	481.7	16.8	1,313.0	17.3	5,163.7	
\$30-39.999k 14.2	381.8	13.3	1,044.4	13.7	4,133.7	
\$40-49.999k 10.2	280.5	9.8	754.8	9.9	2,945.7	
\$50-59.999k 6.8	192.5	6.7	517.1	6.8	1,966.5	
\$60-74.999k 5.8	168.5	5.9	451.3	5.9	1,678.2	
\$75-99.999k 3.8	114.5	4.0	304.7	4.0	1,111.0	
\$100-124.999k 1.4	44.0	1.5	114.5	1.5	416.3	
\$125-149.999k	18.4	0.6	48.4	0.6	172.5	

0.6					
\$150+k	37.8	1.3	100.0	1.3	349.2
1.2					
=====	=====	=====	=====	=====	=====
=====	2,865.3	99.9	7,604.2	99.9	29,017.0
100.0					

Source: Woods & Poole Economics Inc., 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 5b--Household income distribution in market area, state, and R-8, 2000

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 Income households category 2000	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	# households 2000	% population 2000	# households 2000	% households 2000	# households 2000
\$<10k 14.3	534.5	16.3	1,344.9	15.2	4,781.6
\$10-19.999k 15.7	520.7	15.9	1,409.1	15.9	5,240.8
\$20-29.999k 16.0	522.0	15.9	1,403.4	15.8	5,356.1
\$30-39.999k 16.4	499.3	15.2	1,379.0	15.6	5,477.9
\$40-49.999k 12.7	391.6	11.9	1,087.0	12.3	4,236.5
\$50-59.999k 8.6	271.7	8.3	753.1	8.5	2,870.1
\$60-74.999k 7.4	238.5	7.3	659.0	7.4	2,468.9
\$75-99.999k 4.9	162.6	5.0	447.0	5.0	1,642.7
\$100-124.999k 1.8	62.6	1.9	167.9	1.9	614.5
\$125-149.999k 0.8	26.1	0.8	70.8	0.8	254.1
\$150+k 1.5	53.4	1.6	145.2	1.6	510.8
=====	=====	=====	=====	=====	=====
=====	3,283.0	100.1	8,866.4	100.0	33,454.0
100.1					

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 5c--Projected future household income distribution in market area, state, and R-8, 2020

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 Income households category 2020	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	# households 2020	% population 2020	# households 2020	% households 2020	# households 2020
\$<10k 8.2	394.2	9.7	1,003.6	9.0	3,429.9
\$10-19.999k 9.1	390.2	9.6	1,066.2	9.6	3,803.7
\$20-29.999k 9.8	412.5	10.2	1,118.8	10.0	4,077.9
\$30-39.999k 13.7	546.3	13.5	1,479.1	13.3	5,709.8
\$40-49.999k 16.2	611.7	15.1	1,712.5	15.4	6,756.3
\$50-59.999k 13.9	540.9	13.3	1,522.1	13.7	5,767.1
\$60-74.999k 12.8	505.0	12.4	1,414.3	12.7	5,326.1
\$75-99.999k 8.8	350.3	8.6	980.2	8.8	3,648.1
\$100-124.999k 3.3	135.3	3.3	368.2	3.3	1,370.9
\$125-149.999k 1.4	56.5	1.4	154.9	1.4	566.5

\$150+k 2.7	113.8	2.8	312.8	2.8	1,122.6
=====	=====	=====	=====	=====	=====
99.9	4,056.7	99.9	11,132.7	100.0	41,578.9

Source: Woods & Poole Economics Inc., 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 5d--Absolute and percent change in number of households by income category in market area, state, and region-wide, 1990-2000

TEXAS & LOUISIANA NATIONAL FORESTS

(Absolute change in 1000s.)

Pct. change, Income REGION 8 category 1990 to 2000	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,
	MARKET AREA 1990 to 2000	MARKET AREA 1990 to 2000	STATE 1990 to 2000	STATE 1990 to 2000	REGION 8 1990 to 2000
\$<10k -10.4	-53.1	-9.0	-113.5	-7.8	-556.0
\$10-19.999k -8.7	-37.3	-6.7	-88.5	-5.9	-501.8
\$20-29.999k 3.7	40.3	8.4	90.4	6.9	192.4
\$30-39.999k 32.5	117.5	30.8	334.6	32.0	1,344.2
\$40-49.999k 43.8	111.1	39.6	332.2	44.0	1,290.8
\$50-59.999k 46.0	79.2	41.1	236.0	45.6	903.6
\$60-74.999k 47.1	70.0	41.6	207.7	46.0	790.7
\$75-99.999k 47.9	48.1	42.1	142.3	46.7	531.7
\$100-124.999k 47.6	18.6	42.2	53.4	46.7	198.2
\$125-149.999k 47.3	7.7	41.8	22.4	46.1	81.6
\$150+k 46.3	15.6	41.2	45.2	45.2	161.6

Source: Woods & Poole Economics Inc., 1997.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 5e--Projected absolute and percent change in number of households by income category

in market area, state, and region-wide, 2000-2020

TEXAS & LOUISIANA NATIONAL FORESTS

(Absolute change in 1000s.)

Pct. change, Income REGION 8 category 2000 to 2020	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,
	MARKET AREA 2000 to 2020	MARKET AREA 2000 to 2020	STATE 2000 to 2020	STATE 2000 to 2020	REGION 8 2000 to 2020
\$<10k -28.3	-140.3	-26.2	-341.3	-25.4	-1,351.7
\$10-19.999k -27.4	-130.5	-25.1	-342.9	-24.3	-1,437.1
\$20-29.999k -23.9	-109.5	-21.0	-284.6	-20.3	-1,278.2
\$30-39.999k 4.2	47.0	9.4	100.1	7.3	231.9
\$40-49.999k 59.5	220.1	56.2	625.5	57.5	2,519.8
\$50-59.999k 100.9	269.2	99.1	769.0	102.1	2,897.0
\$60-74.999k 115.7	266.5	111.7	755.3	114.6	2,857.2
\$75-99.999k 122.1	187.7	115.4	533.2	119.3	2,005.4
\$100-124.999k 123.1	72.7	116.1	200.3	119.4	756.4
\$125-149.999k 123.0	30.4	116.2	84.1	118.8	312.4
\$150+k 119.8	60.4	113.2	167.6	115.5	611.8

Source: Woods & Poole Economics Inc., 1997.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 6a--Metropolitan population distribution in market area, state, and R-8, 1990

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 Metropolitan population status 1990	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	population 1990	% population 1990	population 1990	% population 1990	population % 1990
Metropolitan	5,923.1	74.6	17,386.4	81.8	55,312.3
Non-metropolitan	2,016.1	25.4	3,876.6	18.2	22,555.5
=====	7,939.2	100.0	21,263.0	100.0	77,867.8

100

Source: Woods & Poole Economics Inc., 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 6b--Metropolitan population distribution in market area, state, and R-8, 2000

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8 Metropolitan population status 2000	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	population	% population	population	% population	population %
	2000	2000	2000	2000	2000
Metropolitan 72.6	6,872.9	76.2	20,415.7	83	64,613.4
Non-metropolitan 27.4	2,144.0	23.8	4,177.1	17	24,384.6
=====	=====	=====	=====	=====	=====
100.0	9,016.9	100.0	24,592.8	100	88,998.0

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 6c--Projected future metropolitan population distrib. in market area, state, and R-8, 2020

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
Metropolitan	population	% population	population	% population	population %
status	2020	2020	2020	2020	2020
2020					
Metropolitan	8,700.4	78.4	26,061.7	84.9	82,890.0
75.3					
Non-metropolitan	2,395.9	21.6	4,652.3	15.1	27,255.0
24.7					
=====	=====	=====	=====	=====	=====
=====	11,096.3	100.0	30,714.0	100.0	110,145.0
100.0					

Source: Woods & Poole Economics Inc. , 1997.

Percentages may not sum to 100 because of rounding.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 6d--Absolute and percent change in population by metropolitan status in market area, state, and region-wide, 1990-2000

TEXAS & LOUISIANA NATIONAL FORESTS					
	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,
Pct. change,	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
Metropolitan	1990 to 2000	1990 to 2000	1990 to 2000	1990 to 2000	1990 to 2000
REGION 8					
status					
1990 to 2000					
Metropolitan	949.8	16.0	3,029.3	17.4	9,301.1
16.8					
Non-metropolitan	127.9	6.3	300.5	7.8	1,829.1
8.1					

Source: Woods & Poole Economics Inc., 1997.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 6e--Projected absolute and percent change in population by metropolitan status in market area, state, and region-wide, 2000-2020

TEXAS & LOUISIANA NATIONAL FORESTS					
	Abs. change,	Pct. change,	Abs. change,	Pct. change,	Abs. change,
Pct. change,	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
Metropolitan	2000 to 2020	2000 to 2020	2000 to 2020	2000 to 2020	2000 to 2020
REGION 8					
status					
2000 to 2020					
Metropolitan	1,827.5	26.6	5,646.0	27.7	18,276.6
28.3					
Non-metropolitan	251.9	11.8	475.2	11.4	2,870.4
11.8					

Source: Woods & Poole Economics Inc., 1997.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 7--Persons with disabilities by type of limitation in market area, state, and R-8, 1990

TEXAS & LOUISIANA NATIONAL FORESTS						
(Number of disabled in 1000s.)						
		MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
		# disabled	% pop.	# disabled	% pop.	# disabled
REGION 8	Disability	1990	1990	1990	1990	1990
% pop.						
1990						
	Mobility/self-care, age 16-64	262.1	5.3	642.5	4.8	2,478.9
5.1						
	Work disability, age 16-64	423.2	8.5	1,078.6	8.1	4,331.3
8.9						
	Mobility/self-care, age 65+	187.3	23.6	459.0	22.3	2,058.3
22.1						

Source: CensusDC+Map, Geolytics, Inc., 1999.

(Data on persons with disabilities available for 1990 only.)

Note: Percentages are proportion of persons within the age groups.

II: POPULATION AND DEMOGRAPHIC CHANGES IN THE MARKET AREA, STATE, AND REGION 8

Table 8--Population by gender in market area, state, and R-8, 1998

TEXAS & LOUISIANA NATIONAL FORESTS

(Population in 1000s.)

REGION 8	MARKET AREA	MARKET AREA	STATE	STATE	REGION 8
	population	% population	population	% population	population %
1998	1998	1998	1998	1998	1998
Male population	4,320.4	49.1	11,775.5	48.9	42,115.0
48.5					
Female population	4,478.6	50.9	12,294.9	51.1	44,779.1
51.5					
=====	=====	=====	=====	=====	=====
100.0	8,799.0	100.0	24,070.4	100.0	86,894.1

Source: CensusDC+Map, Geolytics, Inc., 1999.

(Data on gender available for 1990 only.)

Percentages may not sum to 100 because of rounding.

Appendix III

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 1--Objectives for managing public lands for recreation, Market Area and Region 8 respondents

Percent who said important or very important (and sample size)

TEXAS & LOUISIANA NATIONAL FORESTS

Management objective	Market area percent	Market area sample size	Region 8 percent	Region 8 sample size
Inform public about recreation concerns	93.5	32	85.8	385
Develop volunteer programs: maintenance	89.0	30	71.7	380
Conserve & protect F&G (esp. water)	85.3	45	90.9	486
Increase law enforcement efforts	76.6	24	69.1	347
Develop paved roads on F&G for access	53.1	25	26.2	386
Preserve 'wilderness' experience on F&G	50.0	32	66.9	468
Develop trail systems (nonmotorized rec)	42.6	37	55.2	391
Designate trails for specific rec. uses	40.6	25	50.0	385
Designate more wilderness areas	34.8	35	57.2	376
Expand commercial recreation on F&G	34.6	42	39.1	385
Develop trail systems (motorized rec.)	21.4	39	29.5	446
Expand access for motorized OHVs on F&G	20.8	41	21.2	382
Make easier to get permits for some uses	20.7	26	36.3	376
Introduce a recreation fee	12.3	21	60.4	321

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 2--Vision of National Forest land management, Market Area and Region 8 respondents

Percent who said important or very important (and sample size)

TEXAS & LOUISIANA NATIONAL FORESTS

Management objective	Market area percent	Market area sample size	Region 8 percent	Region 8 sample size
Maintain NFs for future generations' use	97.7	108	92.4	1380
Protect streams & sources of clean water	93.3	108	93.6	1380
Use forest areas so they're left natural	91.4	108	85.1	1380
Provide habitat for wildlife & fish	89.3	108	87.0	1380
Provide info & educ services re: forests	83.0	108	78.8	1380
Protect rare plant & animal species	82.6	108	85.0	1380
Provide access, facil. & services for OR	80.1	108	75.9	1380
Emphasize planting & management of trees	79.9	108	77.4	1380
Provide quiet, natural places	76.9	108	74.3	1380
Provide roads & serv. for local business	66.0	108	60.1	1380
Provide grazing permits to ranchers	56.5	108	51.6	1380
Provide raw materials/prod. for industry	52.5	108	48.9	1380

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 3a--Outdoor recreation activity participation in the Market Area and Region 8, 2001

		Percent and millions of participants			
		ALL ACTIVITY TYPES			
		MARKET AREA		REGION 8	
		Percent	MARKET AREA	Percent	#
REGION 8	Activity	participated	# particip.	2001	
Type	Activity	2001	2001	2001	
2001					
I	Walk for pleasure	79.3	5.51	81.0	
55.97					
I	Family gathering	70.1	4.87	72.3	
49.96					
I	View/photograph natural scenery	51.9	3.60	55.5	
38.35					
I	Sightseeing	49.5	3.44	51.4	
35.52					
I	Visit nature centers, etc	49.2	3.42	53.1	
36.69					
I	Driving for pleasure	47.0	3.26	50.6	
34.96					
I	Picnicking	42.1	2.92	49.1	
33.93					
II	View/photograph wildflowers, trees, etc.	41.7	2.90	42.4	
29.30					
II	View wildlife	38.8	2.69	42.5	
29.37					
I	Visit historic sites	34.4	2.39	43.1	
29.78					
II	Swimming in natural water	34.1	2.37	40.0	
27.64					
I	Bicycling	32.4	2.25	34.2	
23.63					
I	Boating	32.2	2.24	34.3	
23.70					
II	Warmwater fishing	32.1	2.23	30.3	
20.94					
II	Visit a wilderness	28.5	1.98	29.5	
20.38					
II	Gather mushrooms, berries, etc.	27.3	1.90	26.9	
18.59					
II	View birds	25.9	1.80	30.8	
21.28					
II	Visit waterside besides beach	25.7	1.78	25.9	
17.90					
II	View or photograph fish	25.6	1.78	25.5	
17.62					
I	Motorboating	23.9	1.66	25.2	

17.41				
II	Day hiking	21.6	1.50	26.2
18.10				
II	Developed camping	18.9	1.31	21.9
15.13				
II	Drive off-road	16.8	1.17	17.5
12.09				
III	Saltwater fishing	15.3	1.06	14.2
9.81				
II	Mountain biking	15.1	1.05	16.2
11.19				
III	Visit archeol. sites	14.3	0.99	19.7
13.61				
II	Big game hunting	13.0	0.90	9.5
6.56				
II	Small game hunting	11.9	0.83	8.7
6.01				
II	Horseback riding	11.5	0.80	10.1
6.98				
II	Primitive camping	10.3	0.72	13.3
9.19				
II	Horseback riding on trails	9.0	0.62	8.2
5.67				
III	Coldwater fishing	8.3	0.58	10.7
7.39				
III	Waterskiing	7.9	0.55	8.4
5.80				
III	Rafting	7.3	0.51	8.9
6.15				
III	Canoeing	6.5	0.45	7.8
5.39				
III	Migratory bird hunting	6.0	0.42	2.7
1.87				
III	Snorkeling or scuba diving	4.2	0.29	6.7
4.63				
II	Backpacking	4.1	0.28	7.5
5.18				
III	Kayaking	1.2	0.08	2.0
1.38				

Source: NSRE 2000-2001

Region 8 participation based on 2000 16+ pop. estimate of 69.1 million.

Market Area participation based on 2000 16+ pop. estimate of 77 percent of total Market Area population,

the percentage of 16+ population in Region 8. (See very first table for total Market Area population.)

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 3b--Outdoor recreation activity participation in the Market Area and Region 8,
2001

ACTIVITY TYPE I: Broadly popular activities--provide or facilitate whenever possible.

Percent and millions of participants

8 particip.	MARKET AREA			
	Percent	MARKET AREA	REGION 8	REGION
	participated	# particip.	Percent	#
Activity	2001	2001	2001	2001
Walk for pleasure	79.3	5.51	81.0	55.97
Family gathering	70.1	4.87	72.3	49.96
View/photograph natural scenery	51.9	3.60	55.5	38.35
Sightseeing	49.5	3.44	51.4	35.52
Visit nature centers, etc	49.2	3.42	53.1	36.69
Driving for pleasure	47.0	3.26	50.6	34.96
Picnicking	42.1	2.92	49.1	33.93
Visit historic sites	34.4	2.39	43.1	29.78
Bicycling	32.4	2.25	34.2	23.63
Boating	32.2	2.24	34.3	23.70
Motorboating	23.9	1.66	25.2	17.41

Source: NSRE 2000-2001

Region 8 participation based on 2000 16+ pop. estimate of 69.1 million.

Market Area participation based on 2000 16+ pop. estimate of 77 percent of total Market Area population,

the percentage of 16+ population in Region 8. (See first table for total Market Area population.)

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 3c--Market Area trends in outdoor recreation activity participation:
 Absolute and percent change in millions of participants, 1995 to 2001

ACTIVITY TYPE I: Broadly popular activities--provide or facilitate whenever possible.

Activity	Absolute change	Percent change
	1995 to 2001	in # participants 1995 to 2001
Bicycling	0.75	41.5
Walk for pleasure	1.36	25.1
Family gathering	0.97	17.6
Visit nature centers, etc	0.68	17.4
Boating	0.35	11.4
Picnicking	0.34	6.9
Sightseeing	0.04	-4.8
Motorboating	-0.04	-8.1
Visit historic sites	-0.29	-15.9

Activities not appearing in trend tables were not comparable between 1995 and 2001.

Number of participants is based on proportion of 16+ population (77%) in Market Area for 1995 and 2000.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 3d--Outdoor recreation activity participation in the Market Area and Region 8, 2001

ACTIVITY TYPE II: Activities especially suited for National Forests. Provide most popular ones.

Percent and millions of participants

REGION 8 particip. Activity 2001	MARKET AREA Percent participated	MARKET AREA # particip.	REGION 8 Percent #
	2001	2001	2001
View/photograph wildflowers, trees, etc.	41.7	2.90	42.4
29.30			
View wildlife	38.8	2.69	42.5
29.37			
Swimming in natural water	34.1	2.37	40.0
27.64			
Warmwater fishing	32.1	2.23	30.3
20.94			
Visit a wilderness	28.5	1.98	29.5
20.38			
Gather mushrooms, berries, etc.	27.3	1.90	26.9
18.59			
View birds	25.9	1.80	30.8
21.28			
Visit waterside besides beach	25.7	1.78	25.9
17.90			
View or photograph fish	25.6	1.78	25.5
17.62			
Day hiking	21.6	1.50	26.2
18.10			
Developed camping	18.9	1.31	21.9
15.13			
Drive off-road	16.8	1.17	17.5
12.09			
Mountain biking	15.1	1.05	16.2
11.19			
Big game hunting	13.0	0.90	9.5
6.56			
Small game hunting	11.9	0.83	8.7
6.01			
Horseback riding	11.5	0.80	10.1
6.98			
Primitive camping	10.3	0.72	13.3
9.19			
Horseback riding on trails	9.0	0.62	8.2
5.67			
Backpacking	4.1	0.28	7.5
5.18			

Source: NSRE 2000-2001.

Region 8 participation based on 2000 16+ pop. estimate of 69.1 million.

Market Area participation based on 2000 16+ pop. estimate of 77 percent of total Market Area population,

the percentage of 16+ population in Region 8. (See first table for total Market Area population.)

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 3e--Market Area trends in outdoor recreation activity participation:
 Absolute and percent change in millions of participants, 1995 to 2001

ACTIVITY TYPE II: Activities especially suited for National Forests. Provide most popular ones.

Activity	Absolute change 1995 to 2001	Percent change in # participants 1995 to 2001
View or photograph fish	0.82	75.3
Horseback riding on trails	0.21	45.2
Horseback riding	0.22	29.2
View wildlife	0.62	22.8
Day hiking	0.32	19.3
Big game hunting	0.18	18.2
Small game hunting	0.12	9.2
Warmwater fishing	0.25	6.3
View birds	0.20	6.1
Backpacking	0.01	0.0
Swimming in natural water	0.11	-1.2
Developed camping	-0.06	-10.0
Drive off-road	-0.10	-13.4
Primitive camping	-0.35	-37.2

Activities not appearing in trend tables were not comparable between 1995 and 2001.

Number of participants is based on proportion of 16+ population (77%) in Market Area for 1995 and 2000.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 3f--Outdoor recreation activity participation in the Market Area and Region 8, 2001

ACTIVITY TYPE III: Niche activities. Emphasize if your resources are unique and high quality.

Percent and millions of participants

Activity	MARKET AREA		REGION 8	
	Percent participated 2001	MARKET AREA # particip. 2001	Percent 2001	REGION 8 # particip. 2001
Saltwater fishing	15.3	1.06	14.2	9.81
Visit archeol. sites	14.3	0.99	19.7	13.61
Coldwater fishing	8.3	0.58	10.7	7.39
Waterskiing	7.9	0.55	8.4	5.80
Rafting	7.3	0.51	8.9	6.15
Canoeing	6.5	0.45	7.8	5.39
Migratory bird hunting	6.0	0.42	2.7	1.87
Snorkeling or scuba diving	4.2	0.29	6.7	4.63
Kayaking	1.2	0.08	2.0	1.38

Region 8 participation based on 2000 16+ pop. estimate of 69.1 million.

Market Area participation based on 2000 16+ pop. estimate of 77 percent of total Market Area population,

the percentage of 16+ population in Region 8. (See first table for total Market Area population.)

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 3g--Market Area trends in outdoor recreation activity participation:
Absolute and percent change in millions of participants, 1995 to 2001

ACTIVITY TYPE III: Niche activities. Emphasize if your resources are unique and high quality.

Activity	Absolute change	Percent change
	1995 to 2001	in # participants 1995 to 2001
Kayaking	0.04	100.0
Canoeing	0.11	25.0
Saltwater fishing	0.25	23.4
Coldwater fishing	0.09	10.7
Visit archeol. sites	-0.02	-7.7
Migratory bird hunting	-0.03	-11.8
Rafting	-0.04	-13.1
Snorkeling or scuba diving	-0.08	-26.3
Waterskiing	-0.18	-29.5

Source: NSRE 2000-2001 and NSRE 1994-1995

Activities not appearing in trend tables were not comparable between 1995 and 2001.

Number of participants is based on proportion of 16+ population (77%) in Market Area for 1995 and 2000.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4a.1--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= GENDER, Strata= MALE

Activity	Percent participating		
	Male	Total Market Area	Ratio of strata % to market area %
Small game hunting	23.1	11.9	1.94
Big game hunting	22.5	13.0	1.73
Backpacking	5.9	4.1	1.44
Drive off-road	23.6	16.8	1.40
Warmwater fishing	44.7	32.1	1.39
Visit a wilderness or other primitive area	39.2	28.5	1.38
Primitive camping	14.2	10.3	1.38
Gather mushrooms, berries, etc.	33.3	27.3	1.22
Mountain biking	18.1	15.1	1.20
View or photograph fish	29.8	25.6	1.16
View wildlife	44.7	38.8	1.15
Visit waterside besides beach	29.1	25.7	1.13
Developed camping	21.2	18.9	1.12
Day hiking	24.0	21.6	1.11
Swimming in natural water	37.5	34.1	1.10
Horseback riding	11.6	11.5	1.01
Horseback riding on trails	8.8	9.0	0.98
View/photograph wildflowers, trees, etc.	39.5	41.7	0.95
View birds	24.6	25.9	0.95

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4a.2--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= GENDER, Strata= FEMALE

Activity	Percent participating		
	Female	Total Market Area	Ratio of strata % to market area %
View/photograph wildflowers, trees, etc.	43.6	41.7	1.05
View birds	27.1	25.9	1.05
Horseback riding on trails	9.2	9.0	1.02
Horseback riding	11.5	11.5	1.00
Swimming in natural water	31.4	34.1	0.92
Day hiking	19.7	21.6	0.91
Developed camping	17.0	18.9	0.90
Visit waterside besides beach	22.9	25.7	0.89
View wildlife	34.0	38.8	0.88
View or photograph fish	22.3	25.6	0.87
Mountain biking	12.7	15.1	0.84
Gather mushrooms, berries, etc.	22.5	27.3	0.82
Warmwater fishing	22.2	32.1	0.69
Visit a wilderness or other primitive area	19.8	28.5	0.69
Primitive camping	7.1	10.3	0.69
Drive off-road	11.1	16.8	0.66
Backpacking	2.6	4.1	0.63
Big game hunting	5.1	13.0	0.39
Small game hunting	2.7	11.9	0.23

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4b.1--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= AGE, Strata= Age 16-24

Activity	Percent participating		
	16-24	Total Market Area	Ratio of strata % to market area %
Horseback riding	25.6	11.6	2.21
Horseback riding on trails	19.8	9.1	2.18
Backpacking	8.1	4.0	2.03
Drive off-road	29.9	17.0	1.76
Swimming in natural water	52.1	34.2	1.52
Primitive camping	15.5	10.4	1.49
Visit waterside besides beach	35.2	25.7	1.37
Small game hunting	16.1	12.0	1.34
Mountain biking	19.2	15.0	1.28
Big game hunting	15.5	13.1	1.18
Day hiking	25.0	21.5	1.16
Visit a wilderness or other primitive area	33.1	28.7	1.15
Warmwater fishing	36.0	32.1	1.12
View/photograph wildflowers, trees, etc.	41.0	41.8	0.98
Gather mushrooms, berries, etc.	25.9	27.0	0.96
View or photograph fish	24.4	25.7	0.95
View wildlife	36.6	39.0	0.94
Developed camping	16.1	18.8	0.86
View birds	16.2	26.1	0.62

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4b.2--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= AGE, Strata= Age 25-34

Activity	Percent participating		
	25-34	Total Market Area	Ratio of strata % to market area %
Drive off-road	28.0	17.0	1.65
Swimming in natural water	47.9	34.2	1.40
Small game hunting	15.4	12.0	1.28
Big game hunting	16.4	13.1	1.25
Day hiking	26.6	21.5	1.24
Mountain biking	18.5	15.0	1.23
Developed camping	21.4	18.8	1.14
Warmwater fishing	35.9	32.1	1.12
Visit waterside besides beach	28.7	25.7	1.12
View or photograph fish	26.7	25.7	1.04
View wildlife	39.7	39.0	1.02
Visit a wilderness or other primitive area	28.8	28.7	1.00
Primitive camping	10.2	10.4	0.98
Backpacking	3.8	4.0	0.95
View birds	24.6	26.1	0.94
Gather mushrooms, berries, etc.	25.2	27.0	0.93
View/photograph wildflowers, trees, etc.	37.7	41.8	0.90
Horseback riding on trails	7.7	9.1	0.85
Horseback riding	9.8	11.6	0.84

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4b.3--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= AGE, Strata= Age 35-44

Activity	Percent participating		
	35-44	Total Market Area	Ratio of strata % to market area %
Developed camping	25.0	18.8	1.33
Mountain biking	19.9	15.0	1.33
Swimming in natural water	43.8	34.2	1.28
Primitive camping	12.6	10.4	1.21
View birds	31.0	26.1	1.19
Big game hunting	15.2	13.1	1.16
Gather mushrooms, berries, etc.	31.1	27.0	1.15
View/photograph wildflowers, trees, etc.	46.8	41.8	1.12
View or photograph fish	28.8	25.7	1.12
View wildlife	43.1	39.0	1.11
Visit waterside besides beach	27.9	25.7	1.09
Warmwater fishing	33.5	32.1	1.04
Visit a wilderness or other primitive area	29.9	28.7	1.04
Day hiking	21.8	21.5	1.01
Horseback riding	10.6	11.6	0.91
Horseback riding on trails	8.2	9.1	0.90
Small game hunting	10.4	12.0	0.87
Backpacking	3.3	4.0	0.83
Drive off-road	14.0	17.0	0.82

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4b.4--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= AGE, Strata= Age 45-54

Activity	Percent participating		
	45-54	Total Market Area	Ratio of strata % to market area %
View wildlife	52.9	39.0	1.36
Gather mushrooms, berries, etc.	31.1	27.0	1.15
View birds	29.9	26.1	1.15
View or photograph fish	29.5	25.7	1.15
Horseback riding on trails	10.1	9.1	1.11
View/photograph wildflowers, trees, etc.	45.9	41.8	1.10
Warmwater fishing	33.9	32.1	1.06
Day hiking	22.4	21.5	1.04
Mountain biking	15.5	15.0	1.03
Horseback riding	11.1	11.6	0.96
Developed camping	17.9	18.8	0.95
Visit a wilderness or other primitive area	27.0	28.7	0.94
Small game hunting	10.2	12.0	0.85
Swimming in natural water	29.0	34.2	0.85
Big game hunting	11.0	13.1	0.84
Visit waterside besides beach	21.4	25.7	0.83
Primitive camping	8.0	10.4	0.77
Backpacking	2.6	4.0	0.65
Drive off-road	9.7	17.0	0.57

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4b. 5--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= AGE, Strata= Age 55-64

Activity	Percent participating		
	55-64	Total Market Area	Ratio of strata % to market area %
Day hiking	27.2	21.5	1.27
Visit waterside besides beach	28.6	25.7	1.11
Developed camping	20.7	18.8	1.10
Primitive camping	11.3	10.4	1.09
View birds	28.3	26.1	1.08
View or photograph fish	27.3	25.7	1.06
View/photograph wildflowers, trees, etc.	40.9	41.8	0.98
View wildlife	38.3	39.0	0.98
Gather mushrooms, berries, etc.	22.9	27.0	0.85
Horseback riding	9.8	11.6	0.84
Small game hunting	10.0	12.0	0.83
Warmwater fishing	25.4	32.1	0.79
Drive off-road	13.1	17.0	0.77
Big game hunting	10.1	13.1	0.77
Horseback riding on trails	6.7	9.1	0.74
Visit a wilderness or other primitive area	19.8	28.7	0.69
Mountain biking	10.1	15.0	0.67
Swimming in natural water	19.7	34.2	0.58
Backpacking	2.3	4.0	0.58

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4b.6--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= AGE, Strata= Age 65+

Activity	Percent participating		
	65+	Total Market Area	Ratio of strata % to market area %
View birds	27.6	26.1	1.06
Visit a wilderness or other primitive area	29.4	28.7	1.02
Gather mushrooms, berries, etc.	25.0	27.0	0.93
View/photograph wildflowers, trees, etc.	38.2	41.8	0.91
Warmwater fishing	25.7	32.1	0.80
View or photograph fish	18.8	25.7	0.73
Backpacking	2.9	4.0	0.73
Small game hunting	8.6	12.0	0.72
Big game hunting	8.6	13.1	0.66
Developed camping	12.2	18.8	0.65
View wildlife	25.0	39.0	0.64
Visit waterside besides beach	13.2	25.7	0.51
Primitive camping	4.8	10.4	0.46
Day hiking	8.9	21.5	0.41
Mountain biking	4.2	15.0	0.28
Drive off-road	4.2	17.0	0.25
Horseback riding	2.1	11.6	0.18
Swimming in natural water	5.7	34.2	0.17
Horseback riding on trails	0.8	9.1	0.09

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4c.1--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= HOUSEHOLD SIZE, Strata= 1 PERSON HOUSEHOLD

Activity	Percent participating		
	1 person household	Total Market Area	Ratio of strata % to market area %
Backpacking	5.0	4.7	1.06
Small game hunting	9.7	11.4	0.85
Big game hunting	9.5	11.9	0.80
Day hiking	17.1	21.6	0.79
View/photograph wildflowers, trees, etc.	32.8	41.8	0.78
Visit a wilderness or other primitive area	22.8	29.4	0.78
Developed camping	13.4	19.0	0.71
Warmwater fishing	21.5	31.3	0.69
Gather mushrooms, berries, etc.	17.2	26.3	0.65
View wildlife	24.9	38.9	0.64
View birds	15.4	25.2	0.61
Visit waterside besides beach	15.6	26.2	0.60
View or photograph fish	14.4	24.3	0.59
Mountain biking	7.3	13.8	0.53
Swimming in natural water	17.8	34.8	0.51
Horseback riding on trails	3.8	8.4	0.45
Drive off-road	7.1	16.4	0.43
Primitive camping	3.7	9.8	0.38
Horseback riding	4.0	11.3	0.35

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4c.2--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= HOUSEHOLD SIZE, Strata= 2 PERSON HOUSEHOLD

Activity	Percent participating		
	2 person household	Total Market Area	Ratio of strata % to market area %
View birds	32.6	25.2	1.29
Visit a wilderness or other primitive area	36.6	29.4	1.24
Gather mushrooms, berries, etc.	30.5	26.3	1.16
Primitive camping	11.2	9.8	1.14
Developed camping	20.9	19.0	1.10
Big game hunting	13.0	11.9	1.09
View wildlife	41.6	38.9	1.07
Small game hunting	11.8	11.4	1.04
Mountain biking	13.9	13.8	1.01
View or photograph fish	24.2	24.3	1.00
View/photograph wildflowers, trees, etc.	40.4	41.8	0.97
Drive off-road	15.6	16.4	0.95
Horseback riding	10.3	11.3	0.91
Visit waterside besides beach	23.7	26.2	0.90
Swimming in natural water	30.6	34.8	0.88
Warmwater fishing	26.7	31.3	0.85
Backpacking	3.8	4.7	0.81
Horseback riding on trails	6.7	8.4	0.80
Day hiking	17.1	21.6	0.79

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4c.3--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= HOUSEHOLD SIZE, Strata= 3 PERSON HOUSEHOLD

Activity	Percent participating		
	3 person household	Total Market Area	Ratio of strata % to market area %
Visit waterside besides beach	36.0	26.2	1.37
Primitive camping	13.1	9.8	1.34
Small game hunting	14.5	11.4	1.27
Day hiking	27.2	21.6	1.26
Warmwater fishing	35.3	31.3	1.13
Big game hunting	13.3	11.9	1.12
Horseback riding	12.4	11.3	1.10
Horseback riding on trails	9.2	8.4	1.10
Swimming in natural water	37.4	34.8	1.07
Gather mushrooms, berries, etc.	27.4	26.3	1.04
View or photograph fish	25.2	24.3	1.04
Drive off-road	17.0	16.4	1.04
View/photograph wildflowers, trees, etc.	41.8	41.8	1.00
Developed camping	18.6	19.0	0.98
View birds	24.0	25.2	0.95
View wildlife	36.3	38.9	0.93
Visit a wilderness or other primitive area	26.7	29.4	0.91
Backpacking	3.4	4.7	0.72
Mountain biking	9.6	13.8	0.70

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4c.4--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= HOUSEHOLD SIZE, Strata= 4 PERSON HOUSEHOLD

Activity	Percent participating		
	4 person household	Total Market Area	Ratio of strata % to market area %
Horseback riding on trails	17.9	8.4	2.13
Horseback riding	23.2	11.3	2.05
Mountain biking	24.4	13.8	1.77
Swimming in natural water	56.3	34.8	1.62
Drive off-road	26.1	16.4	1.59
Warmwater fishing	47.5	31.3	1.52
Day hiking	31.7	21.6	1.47
View or photograph fish	34.5	24.3	1.42
Primitive camping	13.9	9.8	1.42
Developed camping	25.9	19.0	1.36
View wildlife	52.0	38.9	1.34
View birds	33.0	25.2	1.31
Visit waterside besides beach	33.5	26.2	1.28
View/photograph wildflowers, trees, etc.	53.1	41.8	1.27
Backpacking	5.8	4.7	1.23
Big game hunting	14.5	11.9	1.22
Visit a wilderness or other primitive area	32.8	29.4	1.12
Gather mushrooms, berries, etc.	28.1	26.3	1.07
Small game hunting	12.0	11.4	1.05

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4c. 5--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= HOUSEHOLD SIZE, Strata= 5 or more PERSON HOUSEHOLD

Activity	Percent participating		
	5+ persons household	Total Market Area	Ratio of strata % to market area %
Backpacking	7.0	4.7	1.49
Mountain biking	18.3	13.8	1.33
Drive off-road	21.5	16.4	1.31
Swimming in natural water	42.2	34.8	1.21
Gather mushrooms, berries, etc.	30.9	26.3	1.17
View wildlife	42.9	38.9	1.10
View or photograph fish	26.6	24.3	1.09
Warmwater fishing	33.4	31.3	1.07
View/photograph wildflowers, trees, etc.	43.7	41.8	1.05
Visit waterside besides beach	25.8	26.2	0.98
Visit a wilderness or other primitive area	26.6	29.4	0.90
Developed camping	16.8	19.0	0.88
Primitive camping	7.9	9.8	0.81
Horseback riding on trails	6.8	8.4	0.81
Horseback riding	8.9	11.3	0.79
Small game hunting	8.5	11.4	0.75
Day hiking	16.2	21.6	0.75
View birds	18.5	25.2	0.73
Big game hunting	8.2	11.9	0.69

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4d.1--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= RACE, Strata= WHITE

Activity	Percent participating		Ratio of strata % to market area %
	White	Total Market Area	
Day hiking	27.4	21.3	1.29
Primitive camping	13.0	10.2	1.27
Horseback riding	15.1	12.1	1.25
Horseback riding on trails	11.6	9.3	1.25
Drive off-road	21.9	17.6	1.24
Developed camping	23.1	18.9	1.22
View birds	32.3	26.6	1.21
Visit waterside besides beach	31.9	26.4	1.21
Big game hunting	16.8	13.9	1.21
Swimming in natural water	41.4	34.4	1.20
View wildlife	46.7	39.5	1.18
View or photograph fish	29.8	25.3	1.18
Small game hunting	14.4	12.4	1.16
Warmwater fishing	38.8	33.6	1.15
Mountain biking	17.5	15.2	1.15
View/photograph wildflowers, trees, etc.	47.5	41.5	1.14
Backpacking	4.1	3.6	1.14
Visit a wilderness or other primitive area	31.3	28.1	1.11
Gather mushrooms, berries, etc.	29.5	26.9	1.10

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4d.2--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= RACE, Strata= BLACK

Activity	Percent participating		
	Black or Afric. Amer.	Total Market Area	Ratio of strata % to market area %
Gather mushrooms, berries, etc.	22.7	26.9	0.84
Small game hunting	9.5	12.4	0.77
Warmwater fishing	24.0	33.6	0.71
View/photograph wildflowers, trees, etc.	27.5	41.5	0.66
View or photograph fish	16.7	25.3	0.66
Mountain biking	10.0	15.2	0.66
Visit a wilderness or other primitive area	18.4	28.1	0.65
Big game hunting	8.9	13.9	0.64
View wildlife	24.0	39.5	0.61
Backpacking	2.0	3.6	0.56
Developed camping	10.2	18.9	0.54
View birds	13.6	26.6	0.51
Visit waterside besides beach	12.9	26.4	0.49
Horseback riding	5.9	12.1	0.49
Drive off-road	8.4	17.6	0.48
Horseback riding on trails	4.2	9.3	0.45
Primitive camping	4.5	10.2	0.44
Swimming in natural water	14.6	34.4	0.42
Day hiking	6.7	21.3	0.31

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4d.3--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= RACE, Strata= OTHER
(OTHER includes Asian, Pacific Islander, and American Indian)

Activity	Percent participating		
	Other	Total Market Area	Ratio of strata % to market area %
Backpacking	6.3	3.6	1.75
Swimming in natural water	46.3	34.4	1.35
Visit a wilderness or other primitive area	37.3	28.1	1.33
Visit waterside besides beach	22.5	26.4	0.85
View/photograph wildflowers, trees, etc.	31.2	41.5	0.75
Day hiking	15.7	21.3	0.74
View birds	16.3	26.6	0.61
Mountain biking	9.1	15.2	0.60
View wildlife	19.2	39.5	0.49
Drive off-road	7.3	17.6	0.41
Gather mushrooms, berries, etc.	10.2	26.9	0.38
Developed camping	6.9	18.9	0.37
Horseback riding on trails	2.6	9.3	0.28
View or photograph fish	6.9	25.3	0.27
Warmwater fishing	8.0	33.6	0.24
Horseback riding	2.6	12.1	0.21
Primitive camping	1.3	10.2	0.13
Big game hunting	0.7	13.9	0.05
Small game hunting	0.0	12.4	0.00

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e.1--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= Less than \$10,000

Activity	Percent participating		
	\$<10k	Total Market Area	Ratio of strata % to market area %
Horseback riding on trails	15.0	6.9	2.17
Horseback riding	13.4	8.7	1.54
Primitive camping	13.2	11.1	1.19
Day hiking	21.3	18.1	1.18
Mountain biking	16.6	15.7	1.06
Swimming in natural water	35.6	39.6	0.90
Developed camping	16.7	20.6	0.81
Gather mushrooms, berries, etc.	23.4	29.5	0.79
Visit waterside besides beach	20.2	28.0	0.72
View/photograph wildflowers, trees, etc.	27.5	41.5	0.66
Drive off-road	11.4	17.9	0.64
View birds	14.3	25.8	0.55
Visit a wilderness or other primitive area	15.0	33.6	0.45
View wildlife	15.7	39.4	0.40
Warmwater fishing	8.0	40.0	0.20
Small game hunting	1.8	15.4	0.12
Big game hunting	1.8	16.9	0.11
View or photograph fish	1.0	28.0	0.04
Backpacking	0.0	4.9	0.00

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e.2--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$10,000 to \$19,999

Activity	Percent participating		
	\$10-19. 999k	Total Market Area	Ratio of strata % to market area %
Horseback riding	11.1	8.7	1.28
Horseback riding on trails	8.4	6.9	1.22
View or photograph fish	31.7	28.0	1.13
Warmwater fishing	39.6	40.0	0.99
View/photograph wildflowers, trees, etc.	40.5	41.5	0.98
Swimming in natural water	37.0	39.6	0.93
Visit waterside besides beach	24.8	28.0	0.89
View birds	21.6	25.8	0.84
Mountain biking	13.2	15.7	0.84
View wildlife	32.1	39.4	0.81
Visit a wilderness or other primitive area	26.0	33.6	0.77
Small game hunting	11.9	15.4	0.77
Day hiking	12.7	18.1	0.70
Gather mushrooms, berries, etc.	16.6	29.5	0.56
Primitive camping	6.1	11.1	0.55
Big game hunting	7.5	16.9	0.44
Drive off-road	6.2	17.9	0.35
Backpacking	1.4	4.9	0.29
Developed camping	5.1	20.6	0.25

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e.3--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$20,000 to \$29,999

Activity	Percent participating		
	\$20-29. 999k	Total Market Area	Ratio of strata % to market area %
Primitive camping	17.3	11.1	1.56
Big game hunting	21.1	16.9	1.25
Backpacking	5.9	4.9	1.20
Gather mushrooms, berries, etc.	32.8	29.5	1.11
Small game hunting	17.1	15.4	1.11
Day hiking	20.0	18.1	1.10
Visit waterside besides beach	29.1	28.0	1.04
View birds	26.9	25.8	1.04
View wildlife	39.2	39.4	0.99
Developed camping	20.0	20.6	0.97
Warmwater fishing	38.4	40.0	0.96
Visit a wilderness or other primitive area	31.7	33.6	0.94
View/photograph wildflowers, trees, etc.	34.9	41.5	0.84
View or photograph fish	20.2	28.0	0.72
Drive off-road	9.5	17.9	0.53
Swimming in natural water	19.9	39.6	0.50
Mountain biking	5.1	15.7	0.32
Horseback riding on trails	1.1	6.9	0.16
Horseback riding	1.1	8.7	0.13

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e. 4- Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$30,000 to \$39,999

Activity	Percent participating		
	\$30-39. 999k	Total Market Area	Ratio of strata % to market area %
Drive off-road	32.9	17.9	1.84
Big game hunting	23.1	16.9	1.37
Primitive camping	15.1	11.1	1.36
Visit waterside besides beach	33.5	28.0	1.20
View wildlife	43.4	39.4	1.10
Horseback riding	9.5	8.7	1.09
Horseback riding on trails	7.5	6.9	1.09
Warmwater fishing	42.7	40.0	1.07
Mountain biking	16.7	15.7	1.06
Gather mushrooms, berries, etc.	30.7	29.5	1.04
Developed camping	18.3	20.6	0.89
Swimming in natural water	32.6	39.6	0.82
View/photograph wildflowers, trees, etc.	33.7	41.5	0.81
View or photograph fish	22.5	28.0	0.80
Day hiking	12.7	18.1	0.70
Visit a wilderness or other primitive area	23.3	33.6	0.69
Small game hunting	9.3	15.4	0.60
Backpacking	2.3	4.9	0.47
View birds	10.1	25.8	0.39

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e. 5--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$40,000 to \$49,999

Activity	Percent participating		
	\$40-49. 999k	Total Market Area	Ratio of strata % to market area %
Developed camping	30.9	20.6	1.50
Mountain biking	22.6	15.7	1.44
Day hiking	25.5	18.1	1.41
Big game hunting	23.2	16.9	1.37
Small game hunting	19.1	15.4	1.24
View wildlife	47.9	39.4	1.22
View birds	31.1	25.8	1.21
Drive off-road	21.5	17.9	1.20
Visit a wilderness or other primitive area	34.1	33.6	1.01
View or photograph fish	28.4	28.0	1.01
Gather mushrooms, berries, etc.	27.6	29.5	0.94
Primitive camping	10.2	11.1	0.92
View/photograph wildflowers, trees, etc.	37.6	41.5	0.91
Swimming in natural water	35.5	39.6	0.90
Warmwater fishing	35.7	40.0	0.89
Visit waterside besides beach	24.8	28.0	0.89
Horseback riding on trails	5.2	6.9	0.75
Backpacking	3.0	4.9	0.61
Horseback riding	4.9	8.7	0.56

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e. 6--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$50,000 to \$59,999

Activity	Percent participating		
	\$50-59. 999k	Total Market Area	Ratio of strata % to market area %
Backpacking	11.8	4.9	2.41
Horseback riding	17.0	8.7	1.95
View birds	43.7	25.8	1.69
View wildlife	57.9	39.4	1.47
View or photograph fish	41.1	28.0	1.47
Developed camping	28.6	20.6	1.39
Horseback riding on trails	9.6	6.9	1.39
View/photograph wildflowers, trees, etc.	57.4	41.5	1.38
Swimming in natural water	48.8	39.6	1.23
Day hiking	22.3	18.1	1.23
Drive off-road	22.1	17.9	1.23
Visit waterside besides beach	33.0	28.0	1.18
Visit a wilderness or other primitive area	36.2	33.6	1.08
Warmwater fishing	40.4	40.0	1.01
Gather mushrooms, berries, etc.	25.9	29.5	0.88
Mountain biking	13.0	15.7	0.83
Small game hunting	11.3	15.4	0.73
Primitive camping	8.1	11.1	0.73
Big game hunting	11.3	16.9	0.67

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e.7--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$60,000 to \$74,999

Activity	Percent participating		
	\$60-74. 999k	Total Market Area	Ratio of strata % to market area %
Visit a wilderness or other primitive area	61.1	33.6	1.82
Swimming in natural water	66.5	39.6	1.68
Gather mushrooms, berries, etc.	41.7	29.5	1.41
View or photograph fish	36.6	28.0	1.31
Primitive camping	13.8	11.1	1.24
Small game hunting	19.0	15.4	1.23
View birds	30.8	25.8	1.19
Horseback riding	10.0	8.7	1.15
Backpacking	5.5	4.9	1.12
Warmwater fishing	43.1	40.0	1.08
Mountain biking	16.8	15.7	1.07
View/photograph wildflowers, trees, etc.	43.4	41.5	1.05
Drive off-road	18.0	17.9	1.01
Big game hunting	17.1	16.9	1.01
Developed camping	19.9	20.6	0.97
Day hiking	16.9	18.1	0.93
Horseback riding on trails	5.4	6.9	0.78
Visit waterside besides beach	21.6	28.0	0.77
View wildlife	29.4	39.4	0.75

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e. 8--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$75,000 to \$99,999

Activity	Percent participating		
	\$75-99. 999k	Total Market Area	Ratio of strata % to market area %
Backpacking	14.9	4.9	3.04
Developed camping	43.0	20.6	2.09
Gather mushrooms, berries, etc.	52.5	29.5	1.78
Small game hunting	26.2	15.4	1.70
Big game hunting	28.5	16.9	1.69
Warmwater fishing	63.3	40.0	1.58
View or photograph fish	43.7	28.0	1.56
Drive off-road	27.9	17.9	1.56
View wildlife	53.5	39.4	1.36
View birds	32.7	25.8	1.27
View/photograph wildflowers, trees, etc.	49.4	41.5	1.19
Swimming in natural water	46.0	39.6	1.16
Visit waterside besides beach	27.5	28.0	0.98
Visit a wilderness or other primitive area	32.0	33.6	0.95
Day hiking	15.6	18.1	0.86
Mountain biking	12.5	15.7	0.80
Primitive camping	3.2	11.1	0.29
Horseback riding	2.2	8.7	0.25
Horseback riding on trails	0.0	6.9	0.00

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e.9--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$100,000 to \$124,999

Activity	Percent participating		
	\$100- 124.999k	Total Market Area	Ratio of strata % to market area %
Horseback riding on trails	18.3	6.9	2.65
Mountain biking	38.7	15.7	2.46
Horseback riding	18.3	8.7	2.10
Visit waterside besides beach	54.5	28.0	1.95
View/photograph wildflowers, trees, etc.	73.8	41.5	1.78
Drive off-road	27.0	17.9	1.51
Visit a wilderness or other primitive area	45.2	33.6	1.35
Swimming in natural water	52.4	39.6	1.32
Warmwater fishing	42.0	40.0	1.05
Primitive camping	11.6	11.1	1.05
View wildlife	41.0	39.4	1.04
Day hiking	18.9	18.1	1.04
View or photograph fish	28.9	28.0	1.03
View birds	24.6	25.8	0.95
Gather mushrooms, berries, etc.	12.8	29.5	0.43
Developed camping	8.4	20.6	0.41
Small game hunting	3.2	15.4	0.21
Big game hunting	3.2	16.9	0.19
Backpacking	0.0	4.9	0.00

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e.10--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$125,000 to \$149,999

Activity	Percent participating		
	\$125- 149.999k	Total Market Area	Ratio of strata % to market area %
Mountain biking	14.9	15.7	0.95
View/photograph wildflowers, trees, etc.	38.8	41.5	0.93
View birds	23.9	25.8	0.93
Visit waterside besides beach	23.9	28.0	0.85
Day hiking	14.9	18.1	0.82
Visit a wilderness or other primitive area	23.9	33.6	0.71
Horseback riding	0.0	8.7	0.00
Horseback riding on trails	0.0	6.9	0.00
Backpacking	0.0	4.9	0.00
Developed camping	0.0	20.6	0.00
Primitive camping	0.0	11.1	0.00
Gather mushrooms, berries, etc.	0.0	29.5	0.00
Big game hunting	0.0	16.9	0.00
Small game hunting	0.0	15.4	0.00
Drive off-road	0.0	17.9	0.00
Warmwater fishing	0.0	40.0	0.00
Swimming in natural water	0.0	39.6	0.00
View or photograph fish	0.0	28.0	0.00
View wildlife	0.0	39.4	0.00

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4e.11--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= INCOME, Strata= \$150,000 or more

Activity	Percent participating		
	\$150+k	Total Market Area	Ratio of strata % to market area %
Horseback riding on trails	24.5	6.9	3.55
Horseback riding	24.5	8.7	2.82
Small game hunting	37.4	15.4	2.43
Mountain biking	24.9	15.7	1.59
Swimming in natural water	58.4	39.6	1.47
Big game hunting	23.4	16.9	1.38
Warmwater fishing	48.2	40.0	1.21
Drive off-road	21.6	17.9	1.21
Primitive camping	13.1	11.1	1.18
Visit waterside besides beach	29.3	28.0	1.05
Visit a wilderness or other primitive area	33.3	33.6	0.99
Day hiking	17.8	18.1	0.98
Backpacking	4.7	4.9	0.96
Developed camping	13.5	20.6	0.66
Gather mushrooms, berries, etc.	19.1	29.5	0.65
View or photograph fish	17.7	28.0	0.63
View wildlife	20.0	39.4	0.51
View/photograph wildflowers, trees, etc.	19.1	41.5	0.46
View birds	10.6	25.8	0.41

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4f.1--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= METROPOLITAN STATUS, Strata= NON-METROPOLITAN

Activity	Percent participating		
	Non-metropolitan	Total Market Area	Ratio of strata % to market area %
Small game hunting	21.2	11.9	1.78
Big game hunting	21.1	13.0	1.62
Warmwater fishing	46.0	32.1	1.43
Gather mushrooms, berries, etc.	37.4	27.3	1.37
Drive off-road	22.1	16.8	1.32
Horseback riding on trails	11.7	9.0	1.30
Horseback riding	14.8	11.5	1.29
Primitive camping	13.3	10.3	1.29
View/photograph wildflowers, trees, etc.	49.1	41.7	1.18
View wildlife	44.2	38.8	1.14
View birds	28.5	25.9	1.10
Visit a wilderness or other primitive area	30.2	28.5	1.06
View or photograph fish	27.0	25.6	1.05
Swimming in natural water	32.9	34.1	0.96
Developed camping	18.1	18.9	0.96
Day hiking	19.7	21.6	0.91
Visit waterside besides beach	23.0	25.7	0.89
Mountain biking	12.1	15.1	0.80
Backpacking	2.3	4.1	0.56

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4f.2--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= METROPOLITAN STATUS, Strata= METROPOLITAN

Activity	Percent participating		
	Metropolitan	Total Market Area	Ratio of strata % to market area %
Backpacking	4.7	4.1	1.15
Mountain biking	16.2	15.1	1.07
Visit waterside besides beach	26.6	25.7	1.04
Day hiking	22.3	21.6	1.03
Swimming in natural water	34.6	34.1	1.01
Developed camping	19.1	18.9	1.01
Visit a wilderness or other primitive area	27.8	28.5	0.98
View or photograph fish	25.1	25.6	0.98
View birds	25.0	25.9	0.97
View wildlife	36.9	38.8	0.95
View/photograph wildflowers, trees, etc.	39.1	41.7	0.94
Horseback riding	10.4	11.5	0.90
Horseback riding on trails	8.1	9.0	0.90
Primitive camping	9.2	10.3	0.89
Drive off-road	14.8	16.8	0.88
Gather mushrooms, berries, etc.	23.7	27.3	0.87
Warmwater fishing	26.8	32.1	0.83
Big game hunting	10.0	13.0	0.77
Small game hunting	8.5	11.9	0.71

Total Market Area is percent of ALL respondents in the Market Area.

Source: NSRE 2000-2001

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

Table 4g.1--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= DISABLED, Type= PHYSICAL DISABILITY

Percent participating	
Activity	Percent participating
View birds	36.78
View wildlife	35.24
Swimming in natural water	29.80
Warmwater fishing	26.31
Developed camping	19.80
Day hiking	19.62
Drive off-road	18.33
Primitive camping	15.26
View or photograph fish	10.47
Big game hunting	7.54
Horseback riding	6.77
Small game hunting	6.27
Backpacking	6.17

Disability data are from NSRE 1994-1995. They are for all of Region 8, NOT just the Market Area.

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Table 4g. 2--Outdoor recreation participation by demographic strata:
Most popular National Forest-based activities

Demographic category= DISABLED, Type= OTHER DISABILITY (Non-physical)

Percent participating	
Activity	Percent participating
Swimming in natural water	33.82
View birds	33.39
Warmwater fishing	32.86
View wildlife	32.03
Developed camping	20.05
View or photograph fish	18.23
Drive off-road	17.75
Day hiking	15.76
Primitive camping	15.62
Big game hunting	9.26
Small game hunting	9.12
Horseback riding	8.87
Backpacking	3.38

Disability data are from NSRE 1994-1995. They are for all of Region 8, NOT just the Market Area.

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Table 5--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Bicycling			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	48.4	44.7	1.08	48.2
Female	51.6	55.3	0.93	51.8
White, non-Hispanic	54.7	54.1	1.01	71.3
Black, non-Hispanic	19.5	24.9	0.78	12.2
Amer. Indian, non-H	0.5	0.4	1.25	0.7
Asian/PI, non-Hi sp.	4.0	3.0	1.33	3.8
Hispanic	21.2	17.6	1.20	11.9
16-24	23.8	18.4	1.29	16.2
25-34	19.1	18.2	1.05	17.4
35-44	27.2	19.5	1.39	21.0
45-54	15.7	14.5	1.08	17.7
55-64	6.4	10.4	0.62	11.3
65+	7.8	18.9	0.41	16.4
<\$15,000	4.6	7.5	0.61	10.6
\$15,000-\$24,999	10.0	8.6	1.16	12.0
\$25,000-\$49,999	16.4	15.4	1.06	28.3
\$50,000-\$74,999	12.6	9.7	1.30	21.2
\$75,000-\$99,999	5.4	5.6	0.96	12.7
\$100,000+	7.6	5.2	1.46	15.2
Don't know	3.3	4.7	0.70	.
Refused	40.2	43.2	0.93	.
U. S. citizen	93.9	92.5	1.02	90.5
Foreign born	6.1	7.5	0.81	9.5
Non-metro resident	19.3	26.5	0.73	19.8
Metro area resident	80.7	73.5	1.10	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

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Table 6--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Mountain Biking			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	53.5	44.7	1.20	48.2
Female	46.5	55.3	0.84	51.8
White, non-Hispanic	57.0	54.1	1.05	71.3
Black, non-Hispanic	15.5	24.9	0.62	12.2
Amer. Indian, non-H	0.9	0.4	2.25	0.7
Asian/PI, non-Hi sp.	1.7	3.0	0.57	3.8
Hispanic	24.9	17.6	1.41	11.9
16-24	23.9	18.4	1.30	16.2
25-34	22.8	18.2	1.25	17.4
35-44	26.5	19.5	1.36	21.0
45-54	14.6	14.5	1.01	17.7
55-64	7.1	10.4	0.68	11.3
65+	5.0	18.9	0.26	16.4
<\$15,000	4.3	7.5	0.57	10.6
\$15,000-\$24,999	11.4	8.6	1.33	12.0
\$25,000-\$49,999	15.5	15.4	1.01	28.3
\$50,000-\$74,999	9.8	9.7	1.01	21.2
\$75,000-\$99,999	5.7	5.6	1.02	12.7
\$100,000+	7.1	5.2	1.37	15.2
Don't know	1.9	4.7	0.40	.
Refused	44.3	43.2	1.03	.
U. S. citizen	94.3	92.5	1.02	90.5
Foreign born	5.7	7.5	0.76	9.5
Non-metro resident	21.0	26.5	0.79	19.8
Metro area resident	79.0	73.5	1.07	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

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Table 7--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Horseback Riding			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
	Male	45.1	44.7	1.01
Female	54.9	55.3	0.99	51.8
White, non-Hispanic	72.8	54.1	1.35	71.3
Black, non-Hispanic	12.6	24.9	0.51	12.2
Amer. Indian, non-H	0.9	0.4	2.25	0.7
Asian/PI, non-Hispanic	13.7	3.0	4.57	3.8
Hispanic	.	17.6	.	11.9
16-24	40.3	18.4	2.19	16.2
25-34	15.4	18.2	0.85	17.4
35-44	18.0	19.5	0.92	21.0
45-54	14.0	14.5	0.97	17.7
55-64	8.9	10.4	0.86	11.3
65+	3.5	18.9	0.19	16.4
<\$15,000	5.5	7.5	0.73	10.6
\$15,000-\$24,999	8.3	8.6	0.97	12.0
\$25,000-\$49,999	10.1	15.4	0.66	28.3
\$50,000-\$74,999	9.5	9.7	0.98	21.2
\$75,000-\$99,999	3.9	5.6	0.70	12.7
\$100,000+	8.3	5.2	1.60	15.2
Don't know	5.0	4.7	1.06	.
Refused	49.3	43.2	1.14	.
U. S. citizen	91.0	92.5	0.98	90.5
Foreign born	9.0	7.5	1.20	9.5
Non-metro resident	34.0	26.5	1.28	19.8
Metro area resident	66.0	73.5	0.90	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

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Table 8--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Picnicking		Ratio (1)/(2)	Percent of U. S. population
	% of participants in MARKET AREA	% of all respondents in MARKET AREA		
Male	47.1	44.7	1.05	48.2
Female	52.9	55.3	0.96	51.8
White, non-Hispanic	54.6	54.1	1.01	71.3
Black, non-Hispanic	20.0	24.9	0.80	12.2
Amer. Indian, non-H	0.3	0.4	0.75	0.7
Asian/PI, non-Hispanic	2.7	3.0	0.90	3.8
Hispanic	22.4	17.6	1.27	11.9
16-24	15.8	18.4	0.86	16.2
25-34	19.7	18.2	1.08	17.4
35-44	22.9	19.5	1.17	21.0
45-54	17.9	14.5	1.23	17.7
55-64	11.6	10.4	1.12	11.3
65+	12.2	18.9	0.65	16.4
<\$15,000	5.1	7.5	0.68	10.6
\$15,000-\$24,999	7.7	8.6	0.90	12.0
\$25,000-\$49,999	17.0	15.4	1.10	28.3
\$50,000-\$74,999	11.5	9.7	1.19	21.2
\$75,000-\$99,999	6.4	5.6	1.14	12.7
\$100,000+	6.7	5.2	1.29	15.2
Don't know	2.8	4.7	0.60	.
Refused	42.8	43.2	0.99	.
U. S. citizen	89.0	92.5	0.96	90.5
Foreign born	11.0	7.5	1.47	9.5
Non-metro resident	24.2	26.5	0.91	19.8
Metro area resident	75.8	73.5	1.03	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

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Table 9--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Family Gatherings			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	43.4	44.7	0.97	48.2
Female	56.6	55.3	1.02	51.8
White, non-Hispanic	54.2	54.1	1.00	71.3
Black, non-Hispanic	22.7	24.9	0.91	12.2
Amer. Indian, non-H	0.6	0.4	1.50	0.7
Asian/PI, non-Hispanic	3.7	3.0	1.23	3.8
Hispanic	18.8	17.6	1.07	11.9
16-24	18.9	18.4	1.03	16.2
25-34	21.4	18.2	1.18	17.4
35-44	22.0	19.5	1.13	21.0
45-54	14.9	14.5	1.03	17.7
55-64	9.5	10.4	0.91	11.3
65+	13.3	18.9	0.70	16.4
<\$15,000	7.4	7.5	0.99	10.6
\$15,000-\$24,999	9.7	8.6	1.13	12.0
\$25,000-\$49,999	16.9	15.4	1.10	28.3
\$50,000-\$74,999	10.6	9.7	1.09	21.2
\$75,000-\$99,999	4.7	5.6	0.84	12.7
\$100,000+	4.8	5.2	0.92	15.2
Don't know	3.3	4.7	0.70	.
Refused	42.6	43.2	0.99	.
U. S. citizen	91.1	92.5	0.98	90.5
Foreign born	8.9	7.5	1.19	9.5
Non-metro resident	25.8	26.5	0.97	19.8
Metro area resident	74.2	73.5	1.01	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

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Table 10--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Visit Nature Centers etc.			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	48.0	44.7	1.07	48.2
Female	52.0	55.3	0.94	51.8
White, non-Hispanic	58.1	54.1	1.07	71.3
Black, non-Hispanic	17.3	24.9	0.69	12.2
Amer. Indian, non-H	0.7	0.4	1.75	0.7
Asian/PI, non-Hispanic	3.4	3.0	1.13	3.8
Hispanic	20.5	17.6	1.16	11.9
16-24	19.2	18.4	1.04	16.2
25-34	22.5	18.2	1.24	17.4
35-44	21.5	19.5	1.10	21.0
45-54	16.7	14.5	1.15	17.7
55-64	10.7	10.4	1.03	11.3
65+	9.5	18.9	0.50	16.4
<\$15,000	5.0	7.5	0.67	10.6
\$15,000-\$24,999	8.7	8.6	1.01	12.0
\$25,000-\$49,999	16.5	15.4	1.07	28.3
\$50,000-\$74,999	10.3	9.7	1.06	21.2
\$75,000-\$99,999	9.4	5.6	1.68	12.7
\$100,000+	7.0	5.2	1.35	15.2
Don't know	2.4	4.7	0.51	.
Refused	40.6	43.2	0.94	.
U. S. citizen	88.8	92.5	0.96	90.5
Foreign born	11.2	7.5	1.49	9.5
Non-metro resident	23.9	26.5	0.90	19.8
Metro area resident	76.1	73.5	1.04	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

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Table 11--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Visit Prehistoric Sites			Percent of U.S. population
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	
Male	46.9	44.7	1.05	48.2
Female	53.1	55.3	0.96	51.8
White, non-Hispanic	49.2	54.1	0.91	71.3
Black, non-Hispanic	26.2	24.9	1.05	12.2
Amer. Indian, non-H	0.3	0.4	0.75	0.7
Asian/PI, non-Hispanic	3.7	3.0	1.23	3.8
Hispanic	20.5	17.6	1.16	11.9
16-24	17.0	18.4	0.92	16.2
25-34	22.9	18.2	1.26	17.4
35-44	30.7	19.5	1.57	21.0
45-54	15.5	14.5	1.07	17.7
55-64	6.5	10.4	0.63	11.3
65+	7.4	18.9	0.39	16.4
<\$15,000	8.4	7.5	1.12	10.6
\$15,000-\$24,999	5.8	8.6	0.67	12.0
\$25,000-\$49,999	15.9	15.4	1.03	28.3
\$50,000-\$74,999	11.5	9.7	1.19	21.2
\$75,000-\$99,999	10.8	5.6	1.93	12.7
\$100,000+	10.5	5.2	2.02	15.2
Don't know	4.6	4.7	0.98	.
Refused	32.5	43.2	0.75	.
U.S. citizen	92.0	92.5	0.99	90.5
Foreign born	8.0	7.5	1.07	9.5
Non-metro resident	21.6	26.5	0.82	19.8
Metro area resident	78.4	73.5	1.07	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

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Table 12--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Visit Historic Sites			Percent of U.S. population
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	
Male	45.9	44.7	1.03	48.2
Female	54.1	55.3	0.98	51.8
White, non-Hispanic	63.8	54.1	1.18	71.3
Black, non-Hispanic	19.5	24.9	0.78	12.2
Amer. Indian, non-H	0.3	0.4	0.75	0.7
Asian/PI, non-Hispanic	2.9	3.0	0.97	3.8
Hispanic	13.5	17.6	0.77	11.9
16-24	16.7	18.4	0.91	16.2
25-34	20.2	18.2	1.11	17.4
35-44	22.5	19.5	1.15	21.0
45-54	19.6	14.5	1.35	17.7
55-64	8.2	10.4	0.79	11.3
65+	12.8	18.9	0.68	16.4
<\$15,000	5.5	7.5	0.73	10.6
\$15,000-\$24,999	7.3	8.6	0.85	12.0
\$25,000-\$49,999	16.4	15.4	1.06	28.3
\$50,000-\$74,999	16.0	9.7	1.65	21.2
\$75,000-\$99,999	6.6	5.6	1.18	12.7
\$100,000+	11.3	5.2	2.17	15.2
Don't know	1.7	4.7	0.36	.
Refused	35.3	43.2	0.82	.
U.S. citizen	96.1	92.5	1.04	90.5
Foreign born	3.9	7.5	0.52	9.5

Non-metro resident	24.2	26.5	0.91	19.8
Metro area resident	75.8	73.5	1.03	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i.e., the full Market Area sample). Percentages for the U.S.

population are also shown for comparison.

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Table 13--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Walking For Pleasure			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
	Male	41.6	44.7	0.93
Female	58.4	55.3	1.06	51.8
White, non-Hispanic	54.1	54.1	1.00	71.3
Black, non-Hispanic	25.5	24.9	1.02	12.2
Amer. Indian, non-H	0.5	0.4	1.25	0.7
Asian/PI, non-Hisp.	3.6	3.0	1.20	3.8
Hispanic	16.2	17.6	0.92	11.9
16-24	18.0	18.4	0.98	16.2
25-34	17.4	18.2	0.96	17.4
35-44	20.2	19.5	1.04	21.0
45-54	15.0	14.5	1.03	17.7
55-64	10.3	10.4	0.99	11.3
65+	19.0	18.9	1.01	16.4
<\$15,000	8.0	7.5	1.07	10.6
\$15,000-\$24,999	9.0	8.6	1.05	12.0
\$25,000-\$49,999	15.5	15.4	1.01	28.3
\$50,000-\$74,999	10.6	9.7	1.09	21.2

\$75, 000- \$99, 999	6. 2	5. 6	1. 11	12. 7
\$100, 000+	5. 6	5. 2	1. 08	15. 2
Don' t know	4. 1	4. 7	0. 87	.
Refused	40. 9	43. 2	0. 95	.

U. S. citizen	93. 1	92. 5	1. 01	90. 5
Foreign born	6. 9	7. 5	0. 92	9. 5

Non-metro resident	26. 1	26. 5	0. 98	19. 8
Metro area resident	73. 9	73. 5	1. 01	80. 2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i. e., the full Market Area sample). Percentages for the U. S.

population are also shown for comparison.

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Table 14--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Hi king			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
	Male	49. 6	44. 7	1. 11
Female	50. 4	55. 3	0. 91	51. 8

White, non-Hispanic	56. 5	54. 1	1. 04	71. 3
Black, non-Hispanic	7. 9	24. 9	0. 32	12. 2
Amer. Indian, non-H	0. 8	0. 4	2. 00	0. 7
Asian/PI, non-Hisp.	2. 2	3. 0	0. 73	3. 8
Hispanic	32. 6	17. 6	1. 85	11. 9

16-24	21. 4	18. 4	1. 16	16. 2
25-34	22. 6	18. 2	1. 24	17. 4
35-44	19. 9	19. 5	1. 02	21. 0

45- 54	15. 2	14. 5	1. 05	17. 7
55- 64	13. 2	10. 4	1. 27	11. 3
65+	7. 8	18. 9	0. 41	16. 4

<\$15, 000	4. 3	7. 5	0. 57	10. 6
\$15, 000- \$24, 999	7. 2	8. 6	0. 84	12. 0
\$25, 000- \$49, 999	14. 8	15. 4	0. 96	28. 3
\$50, 000- \$74, 999	9. 3	9. 7	0. 96	21. 2
\$75, 000- \$99, 999	7. 6	5. 6	1. 36	12. 7
\$100, 000+	5. 0	5. 2	0. 96	15. 2
Don' t know	3. 6	4. 7	0. 77	.
Refused	48. 2	43. 2	1. 12	.

U. S. citizen	75. 2	92. 5	0. 81	90. 5
Foreign born	24. 8	7. 5	3. 31	9. 5

Non-metro resident	24. 1	26. 5	0. 91	19. 8
Metro area resident	75. 9	73. 5	1. 03	80. 2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

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Table 15--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Backpacking			Percent of U. S. population
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	
Male	64. 4	44. 7	1. 44	48. 2
Female	35. 6	55. 3	0. 64	51. 8

White, non-Hispanic	68. 5	54. 1	1. 27	71. 3

Black, non-Hispanic	14.3	24.9	0.57	12.2
Amer. Indian, non-H	7.2	0.4	18.00	0.7
Asian/PI, non-Hispanic	10.0	3.0	3.33	3.8
Hispanic	.	17.6	.	11.9
16-24	37.2	18.4	2.02	16.2
25-34	17.2	18.2	0.95	17.4
35-44	16.2	19.5	0.83	21.0
45-54	9.5	14.5	0.66	17.7
55-64	6.1	10.4	0.59	11.3
65+	13.7	18.9	0.72	16.4
<\$15,000	2.9	7.5	0.39	10.6
\$15,000-\$24,999	14.4	8.6	1.67	12.0
\$25,000-\$49,999	7.9	15.4	0.51	28.3
\$50,000-\$74,999	14.9	9.7	1.54	21.2
\$75,000-\$99,999	19.3	5.6	3.45	12.7
\$100,000+	2.4	5.2	0.46	15.2
Don't know	12.8	4.7	2.72	.
Refused	25.4	43.2	0.59	.
U.S. citizen	87.5	92.5	0.95	90.5
Foreign born	12.5	7.5	1.67	9.5
Non-metro resident	14.7	26.5	0.55	19.8
Metro area resident	85.3	73.5	1.16	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i.e., the full Market Area sample). Percentages for the U.S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 16--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Developed Camping

% of % of all

Demographic group	participants in MARKET AREA	respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	50.1	44.7	1.12	48.2
Female	49.9	55.3	0.90	51.8
White, non-Hispanic	72.5	54.1	1.34	71.3
Black, non-Hispanic	13.7	24.9	0.55	12.2
Amer. Indian, non-H	0.9	0.4	2.25	0.7
Asian/PI, non-Hisp.	0.6	3.0	0.20	3.8
Hispanic	12.3	17.6	0.70	11.9
16-24	15.8	18.4	0.86	16.2
25-34	20.8	18.2	1.14	17.4
35-44	25.9	19.5	1.33	21.0
45-54	13.8	14.5	0.95	17.7
55-64	11.5	10.4	1.11	11.3
65+	12.3	18.9	0.65	16.4
<\$15,000	4.9	7.5	0.65	10.6
\$15,000-\$24,999	7.4	8.6	0.86	12.0
\$25,000-\$49,999	17.2	15.4	1.12	28.3
\$50,000-\$74,999	15.9	9.7	1.64	21.2
\$75,000-\$99,999	10.9	5.6	1.95	12.7
\$100,000+	4.2	5.2	0.81	15.2
Don't know	2.1	4.7	0.45	.
Refused	37.6	43.2	0.87	.
U. S. citizen	94.7	92.5	1.02	90.5
Foreign born	5.3	7.5	0.71	9.5
Non-metro resident	25.3	26.5	0.95	19.8
Metro area resident	74.7	73.5	1.02	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U. S. population are also shown for comparison.

TEXAS & LOUISIANA NATIONAL FORESTS

Table 17--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Primitive Camping			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
	Male	61.6	44.7	1.38
Female	38.4	55.3	0.69	51.8
White, non-Hispanic	76.6	54.1	1.42	71.3
Black, non-Hispanic	10.9	24.9	0.44	12.2
Amer. Indian, non-H	0.5	0.4	1.25	0.7
Asian/PI, non-Hisp.	12.0	3.0	4.00	3.8
Hispanic	.	17.6	.	11.9
16-24	27.4	18.4	1.49	16.2
25-34	17.9	18.2	0.98	17.4
35-44	23.6	19.5	1.21	21.0
45-54	11.1	14.5	0.77	17.7
55-64	11.3	10.4	1.09	11.3
65+	8.7	18.9	0.46	16.4
<\$15,000	5.3	7.5	0.71	10.6
\$15,000-\$24,999	12.7	8.6	1.48	12.0
\$25,000-\$49,999	23.6	15.4	1.53	28.3
\$50,000-\$74,999	10.6	9.7	1.09	21.2
\$75,000-\$99,999	7.8	5.6	1.39	12.7
\$100,000+	8.8	5.2	1.69	15.2
Don't know	0.9	4.7	0.19	.
Refused	30.2	43.2	0.70	.
U. S. citizen	98.6	92.5	1.07	90.5
Foreign born	1.4	7.5	0.19	9.5
Non-metro resident	34.1	26.5	1.29	19.8
Metro area resident	65.9	73.5	0.90	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 18--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	% of	% of all	Ratio (1)/(2)	Percent of U. S. population
	participants in MARKET AREA	respondents in MARKET AREA		
Male	61.6	44.7	1.38	48.2
Female	38.4	55.3	0.69	51.8
White, non-Hispanic	64.1	54.1	1.18	71.3
Black, non-Hispanic	16.0	24.9	0.64	12.2
Amer. Indian, non-H	0.8	0.4	2.00	0.7
Asian/PI, non-Hispanic	4.5	3.0	1.50	3.8
Hispanic	14.5	17.6	0.82	11.9
16-24	20.9	18.4	1.14	16.2
25-34	18.4	18.2	1.01	17.4
35-44	20.4	19.5	1.05	21.0
45-54	13.7	14.5	0.94	17.7
55-64	7.2	10.4	0.69	11.3
65+	19.4	18.9	1.03	16.4
<\$15,000	6.3	7.5	0.84	10.6
\$15,000-\$24,999	9.8	8.6	1.14	12.0
\$25,000-\$49,999	16.0	15.4	1.04	28.3
\$50,000-\$74,999	13.9	9.7	1.43	21.2
\$75,000-\$99,999	7.7	5.6	1.38	12.7
\$100,000+	5.5	5.2	1.06	15.2
Don't know	1.7	4.7	0.36	.
Refused	39.0	43.2	0.90	.
U. S. citizen	94.5	92.5	1.02	90.5
Foreign born	5.5	7.5	0.73	9.5
Non-metro resident	28.2	26.5	1.06	19.8
Metro area resident	71.8	73.5	0.98	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 19--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Gather Mushrooms-Berries-etc.			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
Male	54.5	44.7	1.22	48.2
Female	45.5	55.3	0.82	51.8
White, non-Hispanic	63.5	54.1	1.17	71.3
Black, non-Hispanic	20.7	24.9	0.83	12.2
Amer. Indian, non-H	0.7	0.4	1.75	0.7
Asian/PI, non-Hisp.	0.8	3.0	0.27	3.8
Hispanic	14.4	17.6	0.82	11.9
16-24	17.6	18.4	0.96	16.2
25-34	17.0	18.2	0.93	17.4
35-44	22.5	19.5	1.15	21.0
45-54	16.7	14.5	1.15	17.7
55-64	8.8	10.4	0.85	11.3
65+	17.4	18.9	0.92	16.4
<\$15,000	6.5	7.5	0.87	10.6
\$15,000-\$24,999	8.9	8.6	1.03	12.0
\$25,000-\$49,999	15.8	15.4	1.03	28.3
\$50,000-\$74,999	11.1	9.7	1.14	21.2
\$75,000-\$99,999	9.5	5.6	1.70	12.7
\$100,000+	3.8	5.2	0.73	15.2
Don't know	1.7	4.7	0.36	.
Refused	42.6	43.2	0.99	.
U.S. citizen	95.1	92.5	1.03	90.5
Foreign born	4.9	7.5	0.65	9.5
Non-metro resident	36.2	26.5	1.37	19.8
Metro area resident	63.8	73.5	0.87	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 20--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Big Game Hunting			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
Male	78.3	44.7	1.75	48.2
Female	21.7	55.3	0.39	51.8
White, non-Hispanic	76.0	54.1	1.40	71.3
Black, non-Hispanic	16.3	24.9	0.65	12.2
Amer. Indian, non-H	0.2	0.4	0.50	0.7
Asian/PI, non-Hisp.	7.5	3.0	2.50	3.8
Hispanic	.	17.6	.	11.9
16-24	22.4	18.4	1.22	16.2
25-34	22.2	18.2	1.22	17.4
35-44	23.5	19.5	1.21	21.0
45-54	11.8	14.5	0.81	17.7
55-64	8.1	10.4	0.78	11.3
65+	12.0	18.9	0.63	16.4
<\$15,000	2.7	7.5	0.36	10.6
\$15,000-\$24,999	6.8	8.6	0.79	12.0
\$25,000-\$49,999	26.2	15.4	1.70	28.3
\$50,000-\$74,999	12.4	9.7	1.28	21.2
\$75,000-\$99,999	9.0	5.6	1.61	12.7
\$100,000+	5.2	5.2	1.00	15.2
Don't know	2.9	4.7	0.62	.

Refused	34.7	43.2	0.80	.
U.S. citizen	97.9	92.5	1.06	90.5
Foreign born	2.1	7.5	0.28	9.5
Non-metro resident	43.4	26.5	1.64	19.8
Metro area resident	56.6	73.5	0.77	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i.e., the full Market Area sample). Percentages for the U.S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 21--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Small Game Hunting			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
	Male	87.6	44.7	1.96
Female	12.4	55.3	0.22	51.8
White, non-Hispanic	68.0	54.1	1.26	71.3
Black, non-Hispanic	19.2	24.9	0.77	12.2
Amer. Indian, non-H	12.8	0.4	32.00	0.7
Asian/PI, non-Hispanic	.	3.0	.	3.8
Hispanic	.	17.6	.	11.9
16-24	25.6	18.4	1.39	16.2
25-34	22.7	18.2	1.25	17.4
35-44	17.6	19.5	0.90	21.0
45-54	12.1	14.5	0.83	17.7
55-64	8.9	10.4	0.86	11.3
65+	13.2	18.9	0.70	16.4

<\$15,000	6.2	7.5	0.83	10.6
\$15,000-\$24,999	6.6	8.6	0.77	12.0
\$25,000-\$49,999	17.2	15.4	1.12	28.3
\$50,000-\$74,999	12.9	9.7	1.33	21.2
\$75,000-\$99,999	7.8	5.6	1.39	12.7
\$100,000+	8.0	5.2	1.54	15.2
Don't know	2.3	4.7	0.49	.
Refused	39.0	43.2	0.90	.

U.S. citizen	96.8	92.5	1.05	90.5
Foreign born	3.2	7.5	0.43	9.5

Non-metro resident	47.5	26.5	1.79	19.8
Metro area resident	52.5	73.5	0.71	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 22--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Migratory Bird Hunting			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
	Male	82.7	44.7	1.85
Female	17.3	55.3	0.31	51.8

White, non-Hispanic	78.2	54.1	1.45	71.3
Black, non-Hispanic	13.5	24.9	0.54	12.2
Amer. Indian, non-H	8.3	0.4	20.75	0.7
Asian/PI, non-Hisp.	.	3.0	.	3.8

Hispanic	.	17.6	.	11.9
16-24	20.4	18.4	1.11	16.2
25-34	32.9	18.2	1.81	17.4
35-44	17.5	19.5	0.90	21.0
45-54	10.2	14.5	0.70	17.7
55-64	5.4	10.4	0.52	11.3
65+	13.6	18.9	0.72	16.4
<\$15,000	2.2	7.5	0.29	10.6
\$15,000-\$24,999	10.7	8.6	1.24	12.0
\$25,000-\$49,999	14.0	15.4	0.91	28.3
\$50,000-\$74,999	10.6	9.7	1.09	21.2
\$75,000-\$99,999	15.2	5.6	2.71	12.7
\$100,000+	8.1	5.2	1.56	15.2
Don't know	0.8	4.7	0.17	.
Refused	38.4	43.2	0.89	.
U.S. citizen	100.0	92.5	1.08	90.5
Foreign born	.	7.5	.	9.5
Non-metro resident	32.9	26.5	1.24	19.8
Metro area resident	67.1	73.5	0.91	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 23--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Sightseeing			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population

Male	44.6	44.7	1.00	48.2
Female	55.4	55.3	1.00	51.8
White, non-Hispanic	59.8	54.1	1.11	71.3
Black, non-Hispanic	23.1	24.9	0.93	12.2
Amer. Indian, non-H	0.4	0.4	1.00	0.7
Asian/PI, non-Hisp.	5.2	3.0	1.73	3.8
Hispanic	11.4	17.6	0.65	11.9
16-24	16.4	18.4	0.89	16.2
25-34	18.1	18.2	0.99	17.4
35-44	24.2	19.5	1.24	21.0
45-54	17.1	14.5	1.18	17.7
55-64	8.7	10.4	0.84	11.3
65+	15.5	18.9	0.82	16.4
<\$15,000	4.6	7.5	0.61	10.6
\$15,000-\$24,999	6.3	8.6	0.73	12.0
\$25,000-\$49,999	19.0	15.4	1.23	28.3
\$50,000-\$74,999	13.7	9.7	1.41	21.2
\$75,000-\$99,999	6.9	5.6	1.23	12.7
\$100,000+	8.6	5.2	1.65	15.2
Don't know	3.7	4.7	0.79	.
Refused	37.2	43.2	0.86	.
U.S. citizen	95.0	92.5	1.03	90.5
Foreign born	5.0	7.5	0.67	9.5
Non-metro resident	27.0	26.5	1.02	19.8
Metro area resident	73.0	73.5	0.99	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 24--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Driving For Pleasure

Demographic group	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
	Male	47.6	44.7	1.06
Female	52.4	55.3	0.95	51.8
White, non-Hispanic	61.5	54.1	1.14	71.3
Black, non-Hispanic	19.9	24.9	0.80	12.2
Amer. Indian, non-H	0.5	0.4	1.25	0.7
Asian/PI, non-Hisp.	3.3	3.0	1.10	3.8
Hispanic	14.9	17.6	0.85	11.9
16-24	15.3	18.4	0.83	16.2
25-34	20.3	18.2	1.12	17.4
35-44	21.9	19.5	1.12	21.0
45-54	17.7	14.5	1.22	17.7
55-64	12.6	10.4	1.21	11.3
65+	12.2	18.9	0.65	16.4
<\$15,000	4.9	7.5	0.65	10.6
\$15,000-\$24,999	7.6	8.6	0.88	12.0
\$25,000-\$49,999	19.5	15.4	1.27	28.3
\$50,000-\$74,999	11.0	9.7	1.13	21.2
\$75,000-\$99,999	6.2	5.6	1.11	12.7
\$100,000+	8.3	5.2	1.60	15.2
Don't know	2.8	4.7	0.60	.
Refused	39.7	43.2	0.92	.
U. S. citizen	91.3	92.5	0.99	90.5
Foreign born	8.7	7.5	1.16	9.5
Non-metro resident	30.6	26.5	1.15	19.8
Metro area resident	69.4	73.5	0.94	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i.e., the full Market Area sample). Percentages for the U. S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 25--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Driving Off-road			Percent of U. S. population
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	
	Male	63.7	44.7	
Female	36.3	55.3	0.66	51.8
White, non-Hispanic	76.8	54.1	1.42	71.3
Black, non-Hispanic	12.0	24.9	0.48	12.2
Amer. Indian, non-H	0.8	0.4	2.00	0.7
Asian/PI, non-Hispanic	1.1	3.0	0.37	3.8
Hispanic	9.2	17.6	0.52	11.9
16-24	33.4	18.4	1.82	16.2
25-34	29.2	18.2	1.60	17.4
35-44	16.7	19.5	0.86	21.0
45-54	8.1	14.5	0.56	17.7
55-64	8.2	10.4	0.79	11.3
65+	4.5	18.9	0.24	16.4
<\$15,000	4.2	7.5	0.56	10.6
\$15,000-\$24,999	5.6	8.6	0.65	12.0
\$25,000-\$49,999	18.0	15.4	1.17	28.3
\$50,000-\$74,999	10.6	9.7	1.09	21.2
\$75,000-\$99,999	7.4	5.6	1.32	12.7
\$100,000+	7.3	5.2	1.40	15.2
Don't know	2.4	4.7	0.51	.
Refused	44.4	43.2	1.03	.
U. S. citizen	97.1	92.5	1.05	90.5
Foreign born	2.9	7.5	0.39	9.5
Non-metro resident	35.0	26.5	1.32	19.8
Metro area resident	65.0	73.5	0.88	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 26--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Coldwater Fishing			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
Male	72.0	44.7	1.61	48.2
Female	28.0	55.3	0.51	51.8
White, non-Hispanic	52.1	54.1	0.96	71.3
Black, non-Hispanic	30.7	24.9	1.23	12.2
Amer. Indian, non-H	1.1	0.4	2.75	0.7
Asian/PI, non-Hispanic	16.1	3.0	5.37	3.8
Hispanic	.	17.6	.	11.9
16-24	25.3	18.4	1.38	16.2
25-34	22.8	18.2	1.25	17.4
35-44	10.7	19.5	0.55	21.0
45-54	17.1	14.5	1.18	17.7
55-64	6.1	10.4	0.59	11.3
65+	18.0	18.9	0.95	16.4
<\$15,000	8.5	7.5	1.13	10.6
\$15,000-\$24,999	7.6	8.6	0.88	12.0
\$25,000-\$49,999	15.3	15.4	0.99	28.3
\$50,000-\$74,999	17.1	9.7	1.76	21.2
\$75,000-\$99,999	12.1	5.6	2.16	12.7
\$100,000+	5.9	5.2	1.13	15.2
Don't know	2.6	4.7	0.55	.
Refused	30.9	43.2	0.72	.
U.S. citizen	87.8	92.5	0.95	90.5
Foreign born	12.2	7.5	1.63	9.5
Non-metro resident	31.3	26.5	1.18	19.8
Metro area resident	68.7	73.5	0.93	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 27--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Warmwater Fishing			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
Male	61.0	44.7	1.36	48.2
Female	39.0	55.3	0.71	51.8
White, non-Hispanic	73.2	54.1	1.35	71.3
Black, non-Hispanic	17.3	24.9	0.69	12.2
Amer. Indian, non-H	1.2	0.4	3.00	0.7
Asian/PI, non-Hispanic	8.3	3.0	2.77	3.8
Hispanic	.	17.6	.	11.9
16-24	19.7	18.4	1.07	16.2
25-34	21.0	18.2	1.15	17.4
35-44	20.3	19.5	1.04	21.0
45-54	15.5	14.5	1.07	17.7
55-64	8.6	10.4	0.83	11.3
65+	14.9	18.9	0.79	16.4
<\$15,000	6.3	7.5	0.84	10.6
\$15,000-\$24,999	11.1	8.6	1.29	12.0
\$25,000-\$49,999	17.6	15.4	1.14	28.3
\$50,000-\$74,999	14.0	9.7	1.44	21.2
\$75,000-\$99,999	7.7	5.6	1.38	12.7
\$100,000+	6.7	5.2	1.29	15.2
Don't know	3.9	4.7	0.83	.
Refused	32.7	43.2	0.76	.
U.S. citizen	98.5	92.5	1.06	90.5
Foreign born	1.5	7.5	0.20	9.5

Non-metro resident	39.6	26.5	1.49	19.8
Metro area resident	60.4	73.5	0.82	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i.e., the full Market Area sample). Percentages for the U.S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 28--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Saltwater Fishing			
	% of participants	% of all respondents	Ratio (1)/(2)	Percent of U.S. population
	in MARKET AREA	in MARKET AREA		
Male	70.8	44.7	1.58	48.2
Female	29.2	55.3	0.53	51.8
White, non-Hispanic	58.7	54.1	1.09	71.3
Black, non-Hispanic	17.3	24.9	0.69	12.2
Amer. Indian, non-H	1.0	0.4	2.50	0.7
Asian/PI, non-Hisp.	23.0	3.0	7.67	3.8
Hispanic	.	17.6	.	11.9
16-24	27.4	18.4	1.49	16.2
25-34	20.6	18.2	1.13	17.4
35-44	24.5	19.5	1.26	21.0
45-54	8.8	14.5	0.61	17.7
55-64	4.5	10.4	0.43	11.3
65+	14.0	18.9	0.74	16.4
<\$15,000	9.3	7.5	1.24	10.6
\$15,000-\$24,999	12.7	8.6	1.48	12.0
\$25,000-\$49,999	12.7	15.4	0.82	28.3
\$50,000-\$74,999	10.7	9.7	1.10	21.2

\$75, 000- \$99, 999	12. 4	5. 6	2. 21	12. 7
\$100, 000+	7. 9	5. 2	1. 52	15. 2
Don' t know	3. 3	4. 7	0. 70	.
Refused	31. 1	43. 2	0. 72	.

U. S. citizen	90. 8	92. 5	0. 98	90. 5
Foreign born	9. 2	7. 5	1. 23	9. 5

Non-metro resident	11. 9	26. 5	0. 45	19. 8
Metro area resident	88. 1	73. 5	1. 20	80. 2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i. e., the full Market Area sample). Percentages for the U. S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 29--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Canoeing			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
	Male	50. 3	44. 7	1. 13
Female	49. 7	55. 3	0. 90	51. 8

White, non-Hispanic	83. 9	54. 1	1. 55	71. 3
Black, non-Hispanic	8. 0	24. 9	0. 32	12. 2
Amer. Indian, non-H	8. 2	0. 4	20. 50	0. 7
Asian/PI, non-Hisp.	.	3. 0	.	3. 8
Hispanic	.	17. 6	.	11. 9

16-24	37. 6	18. 4	2. 04	16. 2
25-34	22. 2	18. 2	1. 22	17. 4
35-44	20. 6	19. 5	1. 06	21. 0

45- 54	12. 0	14. 5	0. 83	17. 7
55- 64	3. 8	10. 4	0. 37	11. 3
65+	3. 9	18. 9	0. 21	16. 4

<\$15, 000	5. 5	7. 5	0. 73	10. 6
\$15, 000- \$24, 999	8. 3	8. 6	0. 97	12. 0
\$25, 000- \$49, 999	9. 9	15. 4	0. 64	28. 3
\$50, 000- \$74, 999	13. 9	9. 7	1. 43	21. 2
\$75, 000- \$99, 999	7. 4	5. 6	1. 32	12. 7
\$100, 000+	5. 8	5. 2	1. 12	15. 2
Don' t know	5. 9	4. 7	1. 26	.
Refused	43. 3	43. 2	1. 00	.

U. S. citizen	93. 5	92. 5	1. 01	90. 5
Foreign born	6. 5	7. 5	0. 87	9. 5

Non- metro resident	31. 2	26. 5	1. 18	19. 8
Metro area resident	68. 8	73. 5	0. 94	80. 2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 30--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Kayaking			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	49. 8	44. 7	1. 11	48. 2
Female	50. 2	55. 3	0. 91	51. 8

White, non- Hispanic	76. 8	54. 1	1. 42	71. 3

Black, non-Hispanic	12.7	24.9	0.51	12.2
Amer. Indian, non-H	10.6	0.4	26.50	0.7
Asian/PI, non-Hispanic	.	3.0	.	3.8
Hispanic	.	17.6	.	11.9
16-24	50.9	18.4	2.77	16.2
25-34	27.8	18.2	1.53	17.4
35-44	10.1	19.5	0.52	21.0
45-54	11.1	14.5	0.77	17.7
55-64	.	10.4	.	11.3
65+	.	18.9	.	16.4
<\$15,000	10.0	7.5	1.33	10.6
\$15,000-\$24,999	34.7	8.6	4.03	12.0
\$25,000-\$49,999	3.5	15.4	0.23	28.3
\$50,000-\$74,999	5.6	9.7	0.58	21.2
\$75,000-\$99,999	46.1	5.6	8.23	12.7
\$100,000+	.	5.2	.	15.2
Don't know	.	4.7	.	.
Refused	.	43.2	.	.
U.S. citizen	90.5	92.5	0.98	90.5
Foreign born	9.5	7.5	1.27	9.5
Non-metro resident	19.6	26.5	0.74	19.8
Metro area resident	80.4	73.5	1.09	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i.e., the full Market Area sample). Percentages for the U.S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 31--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Motorboating

% of % of all

Demographic group	participants in MARKET AREA	respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	58.2	44.7	1.30	48.2
Female	41.8	55.3	0.76	51.8
White, non-Hispanic	83.1	54.1	1.54	71.3
Black, non-Hispanic	8.7	24.9	0.35	12.2
Amer. Indian, non-H	0.7	0.4	1.75	0.7
Asian/PI, non-Hisp.	0.5	3.0	0.17	3.8
Hispanic	7.0	17.6	0.40	11.9
16-24	22.5	18.4	1.22	16.2
25-34	22.0	18.2	1.21	17.4
35-44	24.7	19.5	1.27	21.0
45-54	15.5	14.5	1.07	17.7
55-64	7.5	10.4	0.72	11.3
65+	7.8	18.9	0.41	16.4
<\$15,000	6.0	7.5	0.80	10.6
\$15,000-\$24,999	9.5	8.6	1.10	12.0
\$25,000-\$49,999	15.2	15.4	0.99	28.3
\$50,000-\$74,999	9.5	9.7	0.98	21.2
\$75,000-\$99,999	7.4	5.6	1.32	12.7
\$100,000+	7.9	5.2	1.52	15.2
Don't know	2.0	4.7	0.43	.
Refused	42.5	43.2	0.98	.
U. S. citizen	96.8	92.5	1.05	90.5
Foreign born	3.2	7.5	0.43	9.5
Non-metro resident	32.6	26.5	1.23	19.8
Metro area resident	67.4	73.5	0.92	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U. S. population are also shown for comparison.

TEXAS & LOUISIANA NATIONAL FORESTS

Table 32--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Waterskiing			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
	Male	54.8	44.7	1.23
Female	45.2	55.3	0.82	51.8
White, non-Hispanic	86.5	54.1	1.60	71.3
Black, non-Hispanic	5.6	24.9	0.22	12.2
Amer. Indian, non-H	1.6	0.4	4.00	0.7
Asian/PI, non-Hisp.	1.4	3.0	0.47	3.8
Hispanic	5.0	17.6	0.28	11.9
16-24	44.4	18.4	2.41	16.2
25-34	26.1	18.2	1.43	17.4
35-44	17.3	19.5	0.89	21.0
45-54	8.9	14.5	0.61	17.7
55-64	3.3	10.4	0.32	11.3
65+	.	18.9	.	16.4
<\$15,000	5.7	7.5	0.76	10.6
\$15,000-\$24,999	9.7	8.6	1.13	12.0
\$25,000-\$49,999	15.1	15.4	0.98	28.3
\$50,000-\$74,999	4.6	9.7	0.47	21.2
\$75,000-\$99,999	8.0	5.6	1.43	12.7
\$100,000+	10.2	5.2	1.96	15.2
Don't know	10.9	4.7	2.32	.
Refused	35.8	43.2	0.83	.
U.S. citizen	98.6	92.5	1.07	90.5
Foreign born	1.4	7.5	0.19	9.5
Non-metro resident	29.4	26.5	1.11	19.8
Metro area resident	70.6	73.5	0.96	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 33--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Rafting			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
	Male	36.0	44.7	0.81
Female	64.0	55.3	1.16	51.8
White, non-Hispanic	83.6	54.1	1.55	71.3
Black, non-Hispanic	5.4	24.9	0.22	12.2
Amer. Indian, non-H	2.1	0.4	5.25	0.7
Asian/PI, non-Hispanic	9.0	3.0	3.00	3.8
Hispanic	.	17.6	.	11.9
16-24	36.7	18.4	1.99	16.2
25-34	19.7	18.2	1.08	17.4
35-44	26.7	19.5	1.37	21.0
45-54	10.8	14.5	0.74	17.7
55-64	2.3	10.4	0.22	11.3
65+	3.8	18.9	0.20	16.4
<\$15,000	6.5	7.5	0.87	10.6
\$15,000-\$24,999	3.4	8.6	0.40	12.0
\$25,000-\$49,999	17.4	15.4	1.13	28.3
\$50,000-\$74,999	9.3	9.7	0.96	21.2
\$75,000-\$99,999	9.6	5.6	1.71	12.7
\$100,000+	13.0	5.2	2.50	15.2
Don't know	6.6	4.7	1.40	.
Refused	34.1	43.2	0.79	.
U.S. citizen	100.0	92.5	1.08	90.5
Foreign born	.	7.5	.	9.5
Non-metro resident	28.6	26.5	1.08	19.8
Metro area resident	71.4	73.5	0.97	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 34--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Swimming in Natural Water			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
	Male	49.2	44.7	1.10
Female	50.8	55.3	0.92	51.8
White, non-Hispanic	70.0	54.1	1.29	71.3
Black, non-Hispanic	10.7	24.9	0.43	12.2
Amer. Indian, non-H	1.0	0.4	2.50	0.7
Asian/PI, non-Hisp.	4.5	3.0	1.50	3.8
Hispanic	13.8	17.6	0.78	11.9
16-24	28.0	18.4	1.52	16.2
25-34	25.5	18.2	1.40	17.4
35-44	25.0	19.5	1.28	21.0
45-54	12.3	14.5	0.85	17.7
55-64	6.0	10.4	0.58	11.3
65+	3.2	18.9	0.17	16.4
<\$15,000	4.1	7.5	0.55	10.6
\$15,000-\$24,999	11.0	8.6	1.28	12.0
\$25,000-\$49,999	15.7	15.4	1.02	28.3
\$50,000-\$74,999	15.2	9.7	1.57	21.2
\$75,000-\$99,999	8.1	5.6	1.45	12.7
\$100,000+	6.6	5.2	1.27	15.2
Don't know	4.3	4.7	0.91	.
Refused	34.9	43.2	0.81	.
U.S. citizen	94.2	92.5	1.02	90.5
Foreign born	5.8	7.5	0.77	9.5
Non-metro resident	25.4	26.5	0.96	19.8
Metro area resident	74.6	73.5	1.01	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 35--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Visit a Beach			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
	Male	49.8	44.7	1.11
Female	50.2	55.3	0.91	51.8
White, non-Hispanic	54.0	54.1	1.00	71.3
Black, non-Hispanic	19.3	24.9	0.78	12.2
Amer. Indian, non-H	0.4	0.4	1.00	0.7
Asian/PI, non-Hispanic	5.4	3.0	1.80	3.8
Hispanic	20.9	17.6	1.19	11.9
16-24	22.9	18.4	1.24	16.2
25-34	23.1	18.2	1.27	17.4
35-44	25.3	19.5	1.30	21.0
45-54	13.1	14.5	0.90	17.7
55-64	8.7	10.4	0.84	11.3
65+	7.0	18.9	0.37	16.4
<\$15,000	3.6	7.5	0.48	10.6
\$15,000-\$24,999	8.7	8.6	1.01	12.0
\$25,000-\$49,999	16.4	15.4	1.06	28.3
\$50,000-\$74,999	14.8	9.7	1.53	21.2
\$75,000-\$99,999	7.8	5.6	1.39	12.7
\$100,000+	6.7	5.2	1.29	15.2
Don't know	3.8	4.7	0.81	.

Refused	38.1	43.2	0.88	.
U.S. citizen	89.4	92.5	0.97	90.5
Foreign born	10.6	7.5	1.41	9.5
Non-metro resident	20.0	26.5	0.75	19.8
Metro area resident	80.0	73.5	1.09	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates

that the proportion of people in a given demographic strata is larger for participants than it

is for the population in general (i.e., the full Market Area sample). Percentages for the U.S.

population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 36--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	Visit Waterside Besides a Beach			
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U.S. population
	Male	50.6	44.7	1.13
Female	49.4	55.3	0.89	51.8
White, non-Hispanic	65.0	54.1	1.20	71.3
Black, non-Hispanic	12.6	24.9	0.51	12.2
Amer. Indian, non-H	1.1	0.4	2.75	0.7
Asian/PI, non-Hisp.	2.5	3.0	0.83	3.8
Hispanic	18.8	17.6	1.07	11.9
16-24	25.2	18.4	1.37	16.2
25-34	20.2	18.2	1.11	17.4
35-44	21.2	19.5	1.09	21.0
45-54	12.1	14.5	0.83	17.7
55-64	11.6	10.4	1.12	11.3
65+	9.6	18.9	0.51	16.4

<\$15,000	7.3	7.5	0.97	10.6
\$15,000-\$24,999	10.0	8.6	1.16	12.0
\$25,000-\$49,999	18.0	15.4	1.17	28.3
\$50,000-\$74,999	13.3	9.7	1.37	21.2
\$75,000-\$99,999	5.8	5.6	1.04	12.7
\$100,000+	6.8	5.2	1.31	15.2
Don't know	3.4	4.7	0.72	.
Refused	35.3	43.2	0.82	.
U.S. citizen	88.3	92.5	0.95	90.5
Foreign born	11.7	7.5	1.56	9.5
Non-metro resident	23.7	26.5	0.89	19.8
Metro area resident	76.3	73.5	1.04	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 37--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	View/photograph Birds			Percent of U.S. population
	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	
	Male	41.9	44.7	
Female	58.1	55.3	1.05	51.8
White, non-Hispanic	70.3	54.1	1.30	71.3
Black, non-Hispanic	12.3	24.9	0.49	12.2
Amer. Indian, non-H	0.9	0.4	2.25	0.7
Asian/PI, non-Hispanic	1.7	3.0	0.57	3.8

Hispanic	14.9	17.6	0.85	11.9
16-24	11.7	18.4	0.64	16.2
25-34	17.2	18.2	0.95	17.4
35-44	22.5	19.5	1.15	21.0
45-54	16.3	14.5	1.12	17.7
55-64	11.0	10.4	1.06	11.3
65+	21.4	18.9	1.13	16.4
<\$15,000	6.2	7.5	0.83	10.6
\$15,000-\$24,999	11.8	8.6	1.37	12.0
\$25,000-\$49,999	16.4	15.4	1.06	28.3
\$50,000-\$74,999	13.1	9.7	1.35	21.2
\$75,000-\$99,999	7.6	5.6	1.36	12.7
\$100,000+	6.3	5.2	1.21	15.2
Don't know	2.1	4.7	0.45	.
Refused	36.5	43.2	0.84	.
U.S. citizen	96.8	92.5	1.05	90.5
Foreign born	3.2	7.5	0.43	9.5
Non-metro resident	28.0	26.5	1.06	19.8
Metro area resident	72.0	73.5	0.98	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 38--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	View/photograph Fish		Ratio (1)/(2)	Percent of U.S. population
	% of participants in MARKET AREA	% of all respondents in MARKET AREA		

Male	52.0	44.7	1.16	48.2
Female	48.0	55.3	0.87	51.8
White, non-Hispanic	66.5	54.1	1.23	71.3
Black, non-Hispanic	15.9	24.9	0.64	12.2
Amer. Indian, non-H	0.9	0.4	2.25	0.7
Asian/PI, non-Hisp.	0.3	3.0	0.10	3.8
Hispanic	16.4	17.6	0.93	11.9
16-24	16.8	18.4	0.91	16.2
25-34	19.6	18.2	1.08	17.4
35-44	21.4	19.5	1.10	21.0
45-54	16.1	14.5	1.11	17.7
55-64	10.8	10.4	1.04	11.3
65+	15.2	18.9	0.80	16.4
<\$15,000	5.7	7.5	0.76	10.6
\$15,000-\$24,999	10.7	8.6	1.24	12.0
\$25,000-\$49,999	14.4	15.4	0.94	28.3
\$50,000-\$74,999	15.1	9.7	1.56	21.2
\$75,000-\$99,999	8.5	5.6	1.52	12.7
\$100,000+	4.7	5.2	0.90	15.2
Don't know	2.0	4.7	0.43	.
Refused	38.8	43.2	0.90	.
U.S. citizen	94.6	92.5	1.02	90.5
Foreign born	5.4	7.5	0.72	9.5
Non-metro resident	27.0	26.5	1.02	19.8
Metro area resident	73.0	73.5	0.99	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 39--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

View/photograph Other Wildlife

Demographic group	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	51.9	44.7	1.16	48.2
Female	48.1	55.3	0.87	51.8
White, non-Hispanic	68.3	54.1	1.26	71.3
Black, non-Hispanic	14.2	24.9	0.57	12.2
Amer. Indian, non-H	0.9	0.4	2.25	0.7
Asian/PI, non-Hisp.	1.4	3.0	0.47	3.8
Hispanic	15.2	17.6	0.86	11.9
16-24	16.8	18.4	0.91	16.2
25-34	18.3	18.2	1.01	17.4
35-44	21.6	19.5	1.11	21.0
45-54	20.2	14.5	1.39	17.7
55-64	10.3	10.4	0.99	11.3
65+	12.9	18.9	0.68	16.4
<\$15,000	3.9	7.5	0.52	10.6
\$15,000-\$24,999	10.4	8.6	1.21	12.0
\$25,000-\$49,999	19.1	15.4	1.24	28.3
\$50,000-\$74,999	11.2	9.7	1.15	21.2
\$75,000-\$99,999	8.8	5.6	1.57	12.7
\$100,000+	4.5	5.2	0.87	15.2
Don't know	2.2	4.7	0.47	.
Refused	40.0	43.2	0.93	.
U. S. citizen	95.4	92.5	1.03	90.5
Foreign born	4.6	7.5	0.61	9.5
Non-metro resident	30.3	26.5	1.14	19.8
Metro area resident	69.7	73.5	0.95	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U. S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 40--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

View/photograph Wildflowers-Trees-etc.

Demographic group	% of participants in MARKET AREA	% of all respondents in MARKET AREA	Ratio (1)/(2)	Percent of U. S. population
Male	42.3	44.7	0.95	48.2
Female	57.7	55.3	1.04	51.8
White, non-Hispanic	62.5	54.1	1.16	71.3
Black, non-Hispanic	16.4	24.9	0.66	12.2
Amer. Indian, non-H	0.7	0.4	1.75	0.7
Asian/PI, non-Hispanic	2.2	3.0	0.73	3.8
Hispanic	18.3	17.6	1.04	11.9
16-24	17.9	18.4	0.97	16.2
25-34	15.9	18.2	0.87	17.4
35-44	21.4	19.5	1.10	21.0
45-54	15.6	14.5	1.08	17.7
55-64	10.8	10.4	1.04	11.3
65+	18.5	18.9	0.98	16.4
<\$15,000	5.7	7.5	0.76	10.6
\$15,000-\$24,999	8.1	8.6	0.94	12.0
\$25,000-\$49,999	15.9	15.4	1.03	28.3
\$50,000-\$74,999	12.0	9.7	1.24	21.2
\$75,000-\$99,999	7.5	5.6	1.34	12.7
\$100,000+	6.5	5.2	1.25	15.2
Don't know	0.9	4.7	0.19	.
Refused	43.4	43.2	1.00	.
U. S. citizen	92.7	92.5	1.00	90.5
Foreign born	7.3	7.5	0.97	9.5
Non-metro resident	31.9	26.5	1.20	19.8
Metro area resident	68.1	73.5	0.93	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

III: RECREATION DEMAND IN THE NATIONAL FOREST MARKET AREA

TEXAS & LOUISIANA NATIONAL FORESTS

Table 41--Comparison of demographic composition of activity participants to all NSRE 2000-2001 respondents

Demographic group	View/photograph Natural Scenery		Ratio (1)/(2)	Percent of U. S. population
	% of participants in MARKET AREA	% of all respondents in MARKET AREA		
Male	45.6	44.7	1.02	48.2
Female	54.4	55.3	0.98	51.8
White, non-Hispanic	68.2	54.1	1.26	71.3
Black, non-Hispanic	12.3	24.9	0.49	12.2
Amer. Indian, non-H	0.6	0.4	1.50	0.7
Asian/PI, non-Hispanic	2.8	3.0	0.93	3.8
Hispanic	16.1	17.6	0.91	11.9
16-24	17.5	18.4	0.95	16.2
25-34	18.2	18.2	1.00	17.4
35-44	21.7	19.5	1.11	21.0
45-54	17.4	14.5	1.20	17.7
55-64	12.7	10.4	1.22	11.3
65+	12.6	18.9	0.67	16.4
<\$15,000	4.6	7.5	0.61	10.6
\$15,000-\$24,999	8.7	8.6	1.01	12.0
\$25,000-\$49,999	18.1	15.4	1.18	28.3
\$50,000-\$74,999	11.8	9.7	1.22	21.2
\$75,000-\$99,999	7.3	5.6	1.30	12.7
\$100,000+	8.1	5.2	1.56	15.2
Don't know	1.1	4.7	0.23	.
Refused	40.3	43.2	0.93	.
U. S. citizen	91.7	92.5	0.99	90.5
Foreign born	8.3	7.5	1.11	9.5
Non-metro resident	26.8	26.5	1.01	19.8
Metro area resident	73.2	73.5	1.00	80.2

Source: NSRE 2000-2001

Column percents sum to 100 within each demographic group. A ratio larger than 1.0 indicates that the proportion of people in a given demographic strata is larger for participants than it is for the population in general (i.e., the full Market Area sample). Percentages for the U.S. population are also shown for comparison.

Appendix IV

IV: LOCAL OUTDOOR RECREATION SUPPLIERS

Table 1--Amount of selected recreation resource acreages or facility counts in Market Area and Region 8

TEXAS & LOUISIANA NATIONAL FORESTS			
Amount per million pop. , Recreation Resource REGION- 8	Amount of resource in MARKET AREA	Amount per million pop. , MARKET AREA	Amount of resource in REGION 8
NPS gross acres 60,809.1	107,976	11,975.0	5,411,892
COE Project total land and water acres 63,302.1	579,616	64,281.6	5,633,764
FWS refuge acres open for recreation 40,388.3	578,182	64,122.6	3,594,475
TVA recreation area acres 283.9	0	0.0	25,267
TVA undeveloped acres 4,661.6	0	0.0	414,876
Wild & Scenic River miles: Total 1992 5.0	19	2.1	446
NRI Total river miles, outstanding value 261.0	995	110.3	23,226
State Park acres 17,654.5	90,903	10,081.5	1,571,214
WOODALLS # public campgrounds 3.5	30	3.3	310
WOODALLS # public campground sites 290.5	2,468	273.7	25,853
WOODALLS # private campgrounds 20.8	135	15.0	1,852
WOODALLS # private campground sites 2,495.0	9,324	1,034.1	222,054
NRI acres private forest land 32.4	25,343,100	43.5	173,078,600
NPLOS acres leased to inds. or groups 380,983.3	4,154,904	460,794.8	33,906,753
NPLOS acres open to general public 340,031.3	2,613,121	289,805.1	30,262,101
ABI # hunting & fishing preserves 2.2	19	2.1	192
ABI # fish camps 2.3	7	0.8	202
ABI # organized camps 19.3	136	15.1	1,722
ABI # private fishing lakes 0.3	4	0.4	24
ABI # boat rental firms 23.1	97	10.8	2,054
ABI # canoe trip outfitters 0.2	0	0.0	19

ABI # canoe rental firms	1	0.1	73
0.8			
ABI # public fishing lakes	4	0.4	95
1.1			
ABI # guides services	41	4.5	361
4.1			
ABI # sightseeing tours	19	2.1	603
6.8			
ABI # fishing lakes and ponds	11	1.2	76
0.9			
ABI # raft trip firms	0	0.0	29
0.3			

NRI acres private land forest is percent of total area, NOT number per million pop.

Source: USDA-FS: National Outdoor Recreation Supply Information System, 1997.

IV: LOCAL OUTDOOR RECREATION SUPPLIERS

Table 2--Description of recreation resource abbreviations

Resource

NPS = U. S. Department of the Interior, National Park Service

COE = U. S. Army Corps of Engineers

FWS = U. S. Department of the Interior, Fish and Wildlife Service

TVA = Tennessee Valley Authority

NRI (total river miles) = 1993 Nationwide Rivers Inventory administered by the National Park Service.

WOODALLS = Woodall Publications. Ventura, CA. Publisher of "Woodall's Campground Directory". 1996.

NRI (private forest land) = 1992 National Resources Inventory, USDA-Natural Resources Conservation Serv.

NPLOS = 1995 National Private Land Owners Survey. USDA Forest Service. Southern Research Station.

ABI = American Business Information, Inc. Omaha, NE. Database of yellow-page telephone directories.

Source: USDA-FS: National Outdoor Recreation Supply Information System, 1997.