

SOUTH CAROLINA TRAILS SURVEY

Prepared for the

South Carolina Department of Parks, Recreation and Tourism

by the

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SOUTH CAROLINA TRAILS SURVEY

South Carolina possesses an incredible variety of trails that traverse all types of terrain and climate. Opportunities to hike through the Mountain Bridge Wilderness, ride horseback along the Palmetto Trail in Manchester State Forest, mountain bike along a tree covered single-track, or jog through urban parks are available at well-established trails throughout the State. Trails of all lengths and types cross the state. Walkers, hikers, cyclists, equestrians, motorcyclists, ATV users, paddlers and nature lovers all can enjoy the state's trails.

The responsibility for developing the trails program for the state rests with the South Carolina Department of Parks, Recreation and Tourism (PRT). One of the issues facing PRT is how to develop the state's trails most effectively. As part of its effort to assess trail use in the state, PRT contracted with the University of South Carolina's Institute for Public Service and Policy Research (IPSPR) to conduct a telephone survey of the state's population 12 years of age or older.

The purpose of this study was to provide an extensive description of the use of trails in South Carolina. Specifically, this survey focused on eight types of activities for which trails are commonly used – walking; running or jogging; hiking; bicycling; skateboarding or in-line skating; horseback riding; off-highway vehicle riding; and canoeing, kayaking, or river rafting. This report first describes participation in these activities overall and within South Carolina and looks at the demographic characteristics associated with such participation. The next section focuses on trail use, and examines the extent to which these various activities take place on trails within the state. Use of both public and private trails is described in this section. Finally, this report presents the public's impression of trails in the state, including what citizens believe should be done to improve trails in South Carolina.

METHODS

These results are based on a telephone survey of South Carolina residents age 12 and older. Respondents interviewed in this survey were drawn from a random sample of households with telephones in South Carolina. The sample was selected by means of random-digit dialing (RDD). In selecting this sample of households, all the operating exchanges in South Carolina were identified. From this list one of the exchange numbers was randomly selected and a second random number between 0000 and 9999 generated to complete the telephone number. This process was repeated until the quantity of telephone numbers required for completing the study had been created. Once a household had been contacted, a respondent 12 years of age or older was randomly chosen to be interviewed. The "next birthday method" of respondent selection within households was used.

The interviewing was conducted by the staff of the IPSPR. Prior to the actual fieldwork (interviewing), the interviewers and interviewing supervisors received specialized training for this survey. The interviewing was conducted from the Institute's offices on the University of South Carolina Columbia campus. Many of the interviews were monitored to insure that instructions were being followed. Calls were made from 9:00 AM to 9:30 PM Monday through Friday, from 10:00 AM to 4:00 PM on Saturday, and 3:00 PM to 8:00 PM on Sunday. The main survey period was from February 26 to April 1, 2003. A total of 806 fully completed interviews and 13 partially completed interviews were conducted. The response rate for this survey was 56.3%.

Interviews were conducted using the Institute's computer-aided telephone interviewing facilities. After the interviews were completed, the open-ended questions were coded. Following this coding, analysis was conducted using the Statistical Package for the Social Sciences (SPSS).

To avoid biasing the sample in favor of households that could be reached on multiple phone numbers, in analysis each case has been inversely weighted to its probability of being included in the sample. For statewide results and the demographic analyses presented in this report, the data have been weighted to correct for potential biases in the sample on the basis of age, race, sex, and number of adults in the household.

This survey, like all surveys, has a potential for sampling error due to the fact that not all residents of the state were interviewed. For all questions that were answered by eight hundred (800) or so respondents, the potential error is $\pm 3.5\%$ at the 95% confidence interval. Results for questions answered by significantly fewer than 800 respondents and results for subgroups of the population have a potential for larger variation than those for the entire sample.

The questionnaire used in this survey was developed in consultation with SCPRT staff. In designing the questionnaire, the aim was to collect extensive information on the activities for which trails in South Carolina are used most frequently in such a way that information across these various usage types could be compared. A copy of the questionnaire used in this study is provided in the Appendix.

ACTIVITY PROFILES

For each of the activities that were the focus of this study – walking; running or jogging; hiking; bicycling; skateboarding or in-line skating; horseback riding; off-highway vehicle riding; and canoeing, kayaking, or river rafting – information was collected on the number of times individuals participated in this activity overall and in South Carolina, and whether any of this activity took place on a trail on public or private land, as well as the county in which the activity took place and whether this was the primary recreational activity or part of some other event.

Table 1 provides the percentages of respondents who reported taking part in these various recreational activities in the past twelve months, both overall and in the South Carolina.

As these figures indicate, the activity in which the largest percentage of South Carolinians participate – 78.0% – is walking for pleasure or exercise. This is followed by jogging or running (31.4%), bicycling (30.1%), off-highway vehicle riding (22.2%), and hiking (20.7%). Smaller percentages of South Carolina residents reported taking a canoeing, kayaking, or rafting trip in the past twelve months (10.7%), horseback riding (7.7%), or skateboarding or line-skating (6.9%). Moreover, for most of these activities, the percentage that participates in South Carolina is very close to that for overall participation. The major exceptions to this are hiking, in which 20.7% participated in the past year, but only 15.6% in South Carolina; and canoeing, kayaking, or river rafting, which had an overall participation rate of 10.7%, with 6.7% having taken a float trip in the state in the past twelve months.

Walking. Table 2 provides a summary of the information on walking for pleasure or exercise that was collected as part of this survey.¹ As these data demonstrate, close to 80% of South Carolinians age 12 or older have walked for pleasure or exercise in the past twelve months, and more than three-fourths have done so in the state. The average number of times per year that South Carolina residents walk for pleasure or exercise is 80.4; the average number of

¹ For each of the activities examined, data will be presented on the percentage of the population who reported participating in this activity in the past twelve months; the percentage who participated in South Carolina; the average number of times individuals participated overall and in South Carolina, which is calculated by summing the number of times individuals reported participating and dividing by the number of respondents who answered the question; and the average number of times those who did any of the activity did so in South Carolina, which is calculated by summing the number of times individuals reported participating in South Carolina and dividing by the number of respondents who reported any such activity. In addition, information is provided on the percentage of respondents who reported doing any activity on trails in South Carolina and whether this was the primary recreational activity or part of some other event.

TABLE 1

PERCENT PARTICIPATING IN VARIOUS RECREATIONAL ACTIVITIES IN THE PAST
 TWELVE MONTHS – ANY PARTICIPATION AND IN SOUTH CAROLINA
 AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
Walking	78.0	22.0	815	76.7	23.3	816
Jogging or Running	31.4	68.6	818	29.9	70.1	818
Bicycling	30.1	69.9	818	29.1	70.9	818
Off-Road Vehicle Riding	22.2	77.8	815	20.3	79.7	815
Hiking	20.7	79.3	818	15.6	84.4	818
Float Trip	10.7	89.3	814	6.7	93.3	814
Horse Riding	7.7	92.3	818	6.2	93.8	818
Skateboarding/ In-Line Skating	6.9	93.1	818	6.6	93.4	818

TABLE 2
WALKING PROFILE

Percent Participating (total population):	78.0%
Percent Participating in South Carolina (total population):	76.7%
Average Number of Times Individuals Participate (total population):	80.4
Average Number of Times Individuals Participate in South Carolina (total population):	76.3
Average Number of Times Individuals Participate in South Carolina (participants only):	99.6

Location Participants Walked Mostly in South Carolina (%)

Streets/Roads:	39.9	Mall:	1.5
Sidewalk:	18.0	Woods:	0.9
Parks:	14.2	Golf Course:	0.8
Trails:	9.2	School; Campus:	0.6
Running Tracks:	8.1	Leisure Paths:	0.2
Private Property:	2.4	Zoo:	0.1
Beach:	2.2	Mixture of Places:	0.3
Farm; Pasture	1.6		

<u>Percentage of Population Reporting Any Walking on Trails in South Carolina:</u>	27.3%
Walked on a trail on public land:	22.3%
Walked on a trail on private land:	12.9%

Primary Activity (%):

Walking Primary Activity:	83.9	Bicycling:	0.7	Visiting Park:	0.2
Hunting:	2.3	Socializing:	0.5	Charitable Event:	0.2
Playing Sports:	1.6	Shopping:	0.5	Coaching:	0.2
Golf:	1.5	Beach Trip:	0.4	Racing:	0.2
Touring/Sightseeing:	1.3	Horseback Riding:	0.4	Bird Watching:	0.1
Working Out/Gym Class:	1.0	Scouting:	0.4	Cheerleading:	0.1
Camping:	0.8	Family Outing:	0.3	Farming:	0.1
Running Errands:	0.7	Checking Fences:	0.3	Moto-Cross Racing:	0.1
Part of Exercise Program:	0.7	Zoo:	0.2	Dancing:	0.1
Track Activity:	0.7	Forestry Work:	0.2	Swimming:	0.1

times they walk in South Carolina is 76.3. Among only those individuals who have done some walking for pleasure or exercise in South Carolina in the past twelve months, the average number of times they have participated in this activity is close to 100.

In reporting where they did most of their walking for pleasure or exercise, close to 40% indicated they did most of their walking on streets or roads, with another 18.0% doing most of their walking on sidewalks, 14.2% in parks, 9.2% on trails, and 8.1% on running tracks. Less than five percent reported doing most of their walking in other areas such as at the beach, on golf courses, or on a school campus. Slightly more than one-fourth of respondents reported doing some walking on a trail in the past twelve months, with 22.3% having walked on a public trail and 12.9% having walked on a trail on private land.

When people walk for pleasure or exercise, walking is generally (83.9% of the time) the primary activity in which they are engaging, although it is sometimes associated with a variety of other activities such as hunting, sightseeing, or a family outing.

Table 3 provides the breakdown of participation in walking for pleasure or exercise by demographic characteristics.² As these data demonstrate, while a substantial majority of all subgroups have walked for pleasure or exercise both overall and in South Carolina, there are a number of significant variations across groups. The largest of these is across income groups.

Those with family incomes less than \$25,000 are least likely to have walked for pleasure or

² In this and the following tables that present differences among subgroups, group differences that are statistically significant at the $p < .05$ level are presented in bold. In examining the differences across education levels, it should be remembered that the sample used in this study was of those age 12 or older and that virtually all of those ages 12 to 17 had less than a high school education. The relationship between education and participation in various recreational activities based on this sample may therefore be different from that based on a sample of adults age 18 or older. As a result, the findings may in some cases distort the actual relationship between participation and education. Where appropriate, a description of the relationship between education and recreational participation among those age 18 or older will be provided in the text.

TABLE 3
WALKING FOR PLEASURE OR EXERCISE
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
TOTAL	78.0	22.0	815	76.7	23.3	816
<u>SEX</u>						
Male	74.9	25.1	387	73.1	26.9	386
Female	80.8	19.2	428	80.0	20.0	430
<u>RACE</u>						
Black	75.5	24.5	216	73.8	26.2	214
White	79.0	21.0	556	77.8	22.2	558
Other	82.6	17.4	23	82.6	17.4	23
<u>AGE</u>						
12 – 17	88.2	11.8	85	84.7	15.3	85
18 - 29	74.5	25.5	165	72.9	27.1	166
30 - 44	79.2	20.8	226	78.8	21.2	226
45 - 64	81.2	18.8	202	81.1	18.9	201
65 and Over	69.0	31.0	113	67.3	32.7	113
<u>EDUCATION</u>						
Less than High School	73.9	26.1	180	71.1	28.9	180
High School Diploma	73.8	26.3	240	72.4	27.6	239
Some College	79.0	21.0	195	79.0	21.0	195
College Degree	88.5	11.5	182	87.4	12.6	183
<u>INCOME</u>						
Under \$25,000	68.7	31.0	166	66.5	33.5	167
\$25,000-\$49,999	79.7	20.3	182	78.6	21.4	182
\$50,000-\$74,999	92.0	8.0	125	90.5	9.5	126
\$75,000 and Over	85.1	14.9	121	83.6	16.4	121
<u>AREA OF RESIDENCE</u>						
Urban	79.1	20.9	235	77.4	22.6	234
Suburban	83.3	16.7	251	81.3	18.7	252
Rural	74.3	25.7	311	73.6	26.4	311
<u>REGION OF RESIDENCE</u>						
Upstate	74.7	25.3	340	73.2	26.8	340
Midlands	82.7	17.3	249	80.8	19.2	250
Lowcountry	77.7	22.3	220	76.9	23.1	221

exercise (68.7% overall and 66.5% in the state). This percentage tends to increase as income rises. There is a similar relationship between walking and education, with a higher percentage of those with more education reporting walking for pleasure or exercise than those with less education. A higher percentage of women than men (80.0% to 73.1%) reported walking in South Carolina in the past twelve months. Across age groups, those in the lowest (ages 12 to 17) group were most likely to report walking (88.2% overall and 84.7% in South Carolina), while the lowest percentage was reported among those age 65 or older. Even among this oldest group, however, two-thirds of respondents had walked in South Carolina in the past twelve months.

Jogging or running. Table 4 presents the results for jogging or running outdoors for the complete sample. As indicated, 31.4% of those age 12 or older have run or jogged in the past twelve months, with 29.9% having done so in South Carolina. The number of times the average person runs or jogs annually is 20.7, with an average of 19.7 of these taking place in South Carolina. Among those who have run or jogged outdoors in the past twelve months at least once, the average number of times they participated in this activity was 65.7.

As was the case with walking, the largest percentage of those who jogged or ran reported doing so on streets or roads (36.6%), with 21.3% doing most of this activity on running tracks, 15.4% on sidewalks, and 10.2% in parks. Slightly less than seven percent reported running or jogging primarily on trails, with 8.2% indicating that they had done some jogging or running on a trail in South Carolina.

When South Carolinians run or jog, this is generally (79.4%) their primary recreational activity, although 9.0% reported that playing some other sport was the primary recreational activity the last time they jogged or ran, gym class was the primary activity for 3.1%, and smaller

TABLE 4
JOGGING OR RUNNING PROFILE

Percent Participating (total population):	31.4%
Percent Participating in South Carolina (total population):	29.9%
Average Number of Times Individuals Participate (total population):	20.7
Average Number of Times Individuals Participate in South Carolina (total population):	19.7
Average Number of Times Individuals Participate in South Carolina (participants only):	65.7

Location Participants Jogged/Ran Mostly in South Carolina (%)

Streets/Roads:	36.6	Private Property:	4.8
Running Tracks:	21.3	Farm; Pasture	2.3
Sidewalk:	15.4	Sports Fields:	1.5
Parks:	10.2	Beach:	1.3
Trails:	6.6		

Percentage of Population Reporting Any Jogging/Running on Trails in South Carolina: 8.2%

Jogged/Ran on a trail on public land:	5.9%
Jogged/Ran on a trail on private land:	3.7%

Primary Activity (%):

Jogging/Running Primary Activity:	79.4	Golfing:	0.5
Playing Sports:	9.0	Working with Horses:	0.5
Gym Class:	3.1	Camping:	0.5
Playing with Children:	2.1	Baton Twirling:	0.4
Charitable Event:	1.3	ROTC:	0.4
Part of Exercise Program:	1.1	Part of other activity (not specified):	0.4
Cheerleading:	0.6	Bicycling:	0.3
Socializing with friends:	0.5		

percentages reported other activities such as playing with children, some charitable event, or an overall exercise program as the primary recreational activity.

The breakdown of participation in jogging or running across demographic groups is presented in Table 5. The characteristic for which differences across subgroups were largest was age. The percentage who had jogged or run in South Carolina was 88.5% among those ages 12 to 17, and declined as age increased, falling to 3.6% among those age 65 or older. Similar differences across age groups were found for overall participation.

There were also significant differences between men and women and among races. A much higher percentage of men than women reported jogging or running in the past twelve months (40.2% to 23.4% for any activity and 38.9% to 21.8% in South Carolina). Blacks and those of other races were more likely to have jogged or run in the past twelve months than were whites.

The difference among education groups is largely a function of the higher participation rates among 12 to 17 year olds in the sample. Across income groups, those in the highest income groups were more likely to have jogged or run than those in the lower income groups.

Bicycling. Information on bicycling is presented in Table 6. Approximately 30% of those interviewed reported bicycling outdoors in the past twelve months, with 29.1% having done so in South Carolina. The average person bicycles outdoors an average of 11.1 times per year, 9.8 times in South Carolina. Among those who have bicycled outdoors in the past twelve months at least once, the average number of times they have participated in this activity is slightly more than 33.

A very large percentage of those who bicycle do so primarily on streets or roads, with about 10% reporting that they bicycle on sidewalks, 8.9% indicating that they bicycle mostly on

TABLE 5
 JOG OR RUN OUTDOORS
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
TOTAL	31.4	68.6	818	29.9	70.1	818
<u>SEX</u>						
Male	40.2	59.8	388	38.9	61.1	388
Female	23.4	76.6	431	21.8	78.2	431
<u>RACE</u>						
Black	43.3	56.7	217	41.7	58.3	216
White	26.8	73.2	557	25.3	74.7	557
Other	45.8	54.2	24	39.1	60.9	23
<u>AGE</u>						
12 – 17	91.9	8.1	86	88.5	11.5	87
18 - 29	42.8	57.2	166	40.4	59.6	166
30 - 44	29.1	70.9	227	27.3	72.7	227
45 - 64	14.9	85.1	202	14.4	85.6	202
65 and Over	3.6	96.4	112	3.6	96.4	112
<u>EDUCATION</u>						
Less than High School	51.4	48.6	181	49.5	50.5	182
High School Diploma	22.9	77.1	240	22.1	77.9	240
Some College	26.7	73.3	195	24.1	75.9	195
College Degree	27.9	72.1	183	27.3	72.7	183
<u>INCOME</u>						
Under \$25,000	29.8	70.2	168	28.7	71.3	167
\$25,000-\$49,999	25.8	74.2	182	24.0	76.0	183
\$50,000-\$74,999	37.3	62.7	126	37.3	62.7	126
\$75,000 and Over	41.3	58.7	121	39.3	60.7	122
<u>AREA OF RESIDENCE</u>						
Urban	38.3	61.7	235	35.3	64.7	235
Suburban	30.0	70.0	253	29.6	70.4	253
Rural	27.6	72.4	312	26.3	73.7	312
<u>REGION OF RESIDENCE</u>						
Upstate	28.5	71.5	340	27.9	72.1	340
Midlands	32.8	67.2	250	32.4	67.6	250
Lowcountry	33.0	67.0	221	29.0	71.0	221

TABLE 6
BICYCLING PROFILE

Percent Participating (total population):	30.1%
Percent Participating in South Carolina (total population):	29.1%
Average Number of Times Individuals Participate (total population):	11.1
Average Number of Times Individuals Participate in South Carolina (total population):	9.8
Average Number of Times Individuals Participate in South Carolina (participants only):	33.7

Location Participants Biked Mostly in South Carolina (%)

Streets/Roads	75.0
Sidewalks:	9.8
Trails:	8.9
Parks:	3.9
Private Property/Yard:	1.2
Leisure Paths:	0.4
Beach:	0.4
Track:	0.3

<u>Percentage of Population Reporting Any Biking on Trails in South Carolina:</u>	6.6%
Biked on a trail on public land:	5.1%
Biked on a trail on private land:	2.7%

Primary Activity (%):

Biking Primary Activity:	94.8
Part of Exercise Program:	0.9
Walking:	0.7
Running Errands:	0.7
Charitable Event:	0.6
Camping:	0.5
Warming up for jogging:	0.5
Fishing:	0.5
Family Outing:	0.4
ROTC:	0.4

trails, and smaller percentages bicycling primarily at other places such as parks, the beach, or private property. Overall, 6.6% of the population reported they had done at least some biking on a trail in South Carolina in the past twelve months.

When individuals bicycle in South Carolina, this is overwhelmingly – 94.8% – the primary recreational activity in which they are involved. Less than one percent reported that bicycling was done as part of some other recreational activity such as walking, camping, or a family outing.

Demographic differences in bicycling, presented in Table 7, show that the largest variation is among age groups, with those between the ages of 12 and 17 much more likely to have participated in this activity and the smallest percentage participation found among those age 65 or older. Differences across educational levels are again a function of the age composition of the sample and the much higher level of participation among those ages 12 to 17, virtually all of whom have less than a high school education.

The percentage of whites who reported bicycling in South Carolina in the past twelve months (24.4%) was lower than that for blacks (39.6%) and those of other races (33.3%). A higher percentage of men than women have bicycled outdoors in the past twelve months, both overall and in South Carolina. There were also regional differences in participation, with those from the Upstate (22.6%) less likely than those from the Lowcountry (33.0%) or the Midlands (35.5%) to have bicycled outdoors in South Carolina in the past twelve months.

Off-highway vehicle riding. Of the activities examined, off-highway vehicle riding had the next highest level of overall participation, 22.2%, and participation in South Carolina, 20.3%. Since off-highway vehicle riding can be done in a number of ways – on an all-terrain vehicle (ATV), a motorcycle, a sport utility vehicle (SUV) or truck, or some other type of vehicle – a

TABLE 7
 BICYCLING OUTDOORS
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
TOTAL	30.1	69.9	818	29.1	70.9	818
<u>SEX</u>						
Male	35.1	64.9	387	33.1	66.9	387
Female	25.5	74.5	431	25.5	74.5	431
<u>RACE</u>						
Black	40.3	59.7	216	39.6	60.4	217
White	25.1	74.9	557	24.4	75.6	557
Other	41.7	58.3	24	33.3	66.7	24
<u>AGE</u>						
12 – 17	69.0	31.0	87	69.0	31.0	87
18 - 29	24.2	75.8	165	22.3	77.7	166
30 - 44	33.0	67.0	227	31.7	68.3	227
45 - 64	24.8	75.2	202	24.3	75.7	202
65 and Over	11.6	88.4	112	11.6	88.4	112
<u>EDUCATION</u>						
Less than High School	42.5	57.5	181	42.5	57.5	181
High School Diploma	27.4	72.6	241	26.1	73.9	241
Some College	25.1	74.9	195	24.1	75.9	195
College Degree	26.8	73.2	183	25.0	75.0	184
<u>INCOME</u>						
Under \$25,000	32.5	67.5	169	31.5	68.5	168
\$25,000-\$49,999	25.8	74.2	182	25.3	74.7	182
\$50,000-\$74,999	33.6	66.4	125	32.5	67.5	126
\$75,000 and Over	31.4	68.6	121	30.0	70.0	120
<u>AREA OF RESIDENCE</u>						
Urban	34.3	65.7	236	32.8	67.2	235
Suburban	30.0	70.0	253	29.8	70.2	252
Rural	26.6	73.4	312	25.4	74.6	311
<u>REGION OF RESIDENCE</u>						
Upstate	24.0	76.0	341	22.6	77.4	341
Midlands	36.4	63.6	250	35.5	64.5	251
Lowcountry	33.2	66.8	220	33.0	67.0	221

relatively large number of questions on this topic were included on this survey in order to differentiate among these different types of participation. As shown in Table 8, the average South Carolinian participates in off-highway vehicle riding 7.7 times overall and 6.5 times within the state. Among those who have gone off-highway vehicle riding at least once, they have participated an average of 32 times in the past twelve months.

Table 8 also provides a description of the type of vehicle used in off-highway vehicle riding. While 20.3% of those age 12 or older have participated in off-highway vehicle riding in South Carolina in the past twelve months, 11.8% have done so in an ATV, 10.7% in an SUV or truck, 3.9% on a motorcycle, and 2.4% on some other type of vehicle (car, golf cart, dirt bike, or go cart). Slightly more than 15% of those age 12 or older have participated in off-highway vehicle riding on a private trail, 7.0% have done so on a public trail, 2.8% have done so at an off-highway vehicle park, and 5.6% have done so on some other type of land such as private property (but not trails), open space, a moto-cross track, or dirt roads.

While off-highway vehicle riding is the primary recreational activity for a large majority of all participants across types of vehicle used, there is some variation in these percentages. For those who ride on a motorcycle, close to 95% report off-highway vehicle riding as the primary recreational activity, with small percentages reporting hunting or camping as the primary activity. Two-thirds of those who off-highway vehicle ride in a truck or SUV and three-fourths of those who ride in an ATV or some other type of vehicle report this as the primary recreational activity. For close to 20% of ATV and truck or SUV users, hunting was the primary activity, while 8.0% of those who used other vehicles said that off-road vehicle riding was done as part of driving to their destination. Other activities mentioned as primary activities done as part of off-highway vehicle riding included camping, fishing, and work-related activities.

TABLE 8
OFF-HIGHWAY VEHICLE RIDING PROFILE

Percent Participating (total population):	22.2%
Percent Participating in South Carolina (total population):	20.3%
Average Number of Times Individuals Participate (total population):	7.7
Average Number of Times Individuals Participate in South Carolina (total population):	6.5
Average Number of Times Individuals Participate in South Carolina (participants only):	32.0

Type of Off-Highway Vehicle Use in South Carolina (%)

	<u>Total</u>	<u>Public Trail</u>	<u>Private Trail</u>	<u>Vehicle Park</u>	<u>Other</u>
Any Use	20.3	7.0	15.6	2.8	5.6
ATV	11.8	3.2	11.0	1.5	3.4
Motorcycle	3.9	1.7	3.1	0.9	0.9
SUV/Truck	10.7	3.8	8.0	1.4	2.1
Other OHV	2.4	0.8	1.7	0.1	0.6

Other Type of Land by Vehicle Type (number of respondents)

	<u>ATV</u>	<u>Motor- cycle</u>	<u>Truck/ SUV</u>	<u>Other</u>
Private Property (not trails)	15	3	4	2
Open Space	6	---	---	---
Public Land (not trails)	2	---	---	1
Drag Strip	2	---	---	---
Moto-Cross track	3	3	---	---
Motorcycle Fair	---	2	---	---
Dirt Roads	---	---	6	---
Mud Pit	---	---	4	---
Wooded Area	---	---	2	---
Game Management Property	---	---	1	---
Beach	---	---	---	2

TABLE 8
 - cont. -

Other Types of Vehicles Used for Off-Highway Vehicle Riding (number of respondents)

Car	9
Golf Cart	8
Dirt Bike	2
Go Cart	1

Primary Activity by Vehicle Type (%)

	<u>ATV</u>	<u>Motor- cycle</u>	<u>Truck/ SUV</u>	<u>Other</u>
Off-Highway Vehicle Riding Primary Activity	75.4	93.3	66.2	76.3
Hunting	19.4	3.2	19.2	2.0
Farming	1.9	----	----	----
Repairing Fences	1.7	----	----	----
Family Reunion	0.9	----	1.1	----
Camping	----	3.5	3.7	4.3
Fishing	----	----	1.8	4.1
Hunting and Camping	----	----	1.4	----
Vacation	----	----	0.9	----
Drinking	----	----	0.8	----
Driving to Destination	----	----	----	8.0
Checking Timber	----	----	----	3.5

The demographic characteristics associated with off-highway vehicle riding are presented in Table 9 and, as these data demonstrate, there are differences across age groups, education levels, among races, between men and women, and by area of residence. The largest differences are across age groups, with those ages 12 to 17 and 18 to 29 much more likely to have participated in off-highway vehicle riding, and a much lower rate of participation among those age 30 or older. The lower educational attainment among the youngest age group again contributes to a significant difference across education categories. A much higher percentage of men (30.2%) than women (11.4%) reported they had been off-highway vehicle riding in South Carolina in the past twelve months, while whites (23.7%) were more likely to have participated in this activity within the state than either blacks (13.4%) or those of other races (8.7%). A higher percentage of respondents who lived in rural areas (25.0%) than those from suburban (19.4%) or urban areas (15.5%) reported off-highway vehicle riding within the state in the past twelve months.

Hiking. Approximately one-fifth of those interviewed had gone hiking in the past twelve months, with 15.6% having done so in South Carolina. The average South Carolinian has hiked 2.6 times in the past twelve months, 1.7 times in South Carolina. Among those who have done any hiking, the average number of times is slightly more than 11 (see Table 10). Slightly less than 15% of the population age 12 or older have hiked on a trail, with 11.3% having hiked on a public trail and 6.9% on a trail on private land. For close to three-fourths of the hiking that is done, hiking is the primary outdoor recreational activity, although hiking is also done in conjunction with other recreational activities such as hunting (10.0%), family outings (6.2%), and camping (4.9%).

TABLE 9
OFF-HIGHWAY VEHICLE RIDING
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
TOTAL	22.2	77.8	815	20.3	79.7	815
<u>SEX</u>						
Male	32.2	67.8	388	30.2	69.8	388
Female	13.1	86.9	428	11.4	88.6	428
<u>RACE</u>						
Black	15.3	84.7	216	13.4	86.6	216
White	25.7	74.3	556	23.7	76.3	556
Other	8.7	91.3	23	8.7	91.3	23
<u>AGE</u>						
12 – 17	39.5	60.5	86	37.9	62.1	87
18 - 29	38.2	61.8	165	35.2	64.8	165
30 - 44	21.1	78.9	227	18.9	81.1	227
45 - 64	13.3	86.7	203	11.8	88.2	203
65 and Over	7.1	92.9	113	6.2	93.8	113
<u>EDUCATION</u>						
Less than High School	32.4	67.6	182	31.5	68.5	181
High School Diploma	23.0	77.0	239	22.5	77.5	240
Some College	18.5	81.5	195	15.9	84.1	195
College Degree	15.3	84.7	183	11.5	88.5	183
<u>INCOME</u>						
Under \$25,000	20.8	79.2	168	18.3	81.7	169
\$25,000-\$49,999	20.8	79.2	183	19.2	80.8	182
\$50,000-\$74,999	28.0	72.0	125	26.2	73.8	126
\$75,000 and Over	30.3	69.7	122	27.0	73.0	122
<u>AREA OF RESIDENCE</u>						
Urban	18.5	81.5	233	15.5	84.5	233
Suburban	20.9	79.1	253	19.4	80.6	252
Rural	26.7	73.3	311	25.0	75.0	312
<u>REGION OF RESIDENCE</u>						
Upstate	23.5	76.5	340	21.5	78.5	340
Midlands	20.1	79.9	249	18.1	81.9	249
Lowcountry	22.3	77.7	220	21.4	78.6	220

TABLE 10
HIKING PROFILE

Percent Participating (total population):	20.7%
Percent Participating in South Carolina (total population):	15.6%
Average Number of Times Individuals Participate (total population):	2.6
Average Number of Times Individuals Participate in South Carolina (total population):	1.7
Average Number of Times Individuals Participate in South Carolina (participants only):	11.1
<u>Percentage of Population Reporting Any Hiking on Trails in South Carolina:</u>	14.5%
Hiked on a trail on public land:	11.3%
Hiked on a trail on private land:	6.9%
<u>Percentage For Which Hiking Was Primary Activity (%):</u>	
Hiking Primary Activity:	72.4
Hunting:	10.0
Family Outing:	6.2
Camping:	4.9
Nature Walk:	2.9
Part of Exercise Program:	1.3
Socializing with friends:	0.9
Timberland Management:	0.7
ROTC:	0.7

The relationship of demographic characteristics to hiking is somewhat different from that reported for the previous recreational activities. As shown in Table 11, while there is a significant difference across age groups, with participation declining as age increases, the largest distinction is in the low percentage participation (5.4% in South Carolina) among those age 65 or older. Black respondents (6.0%) were also much less likely than either whites (19.6%) or those of other races (21.7%) to have hiked in the state, and a higher percentage of men (21.4%) than women (10.4%) reported hiking in South Carolina in the past twelve months.

Hiking is also an activity for which there are significant differences across income groups. A larger percentage of those from higher income families reported hiking in the past twelve months. There were also significant regional differences in participation, with a larger percentage of respondents from the Upstate (20.8%) than from the Midlands (12.8%) or the Lowcountry (10.4%) having hiked in South Carolina in the past twelve months.

Canoeing, kayaking, or river rafting. Approximately ten percent of South Carolinians have taken a canoeing, kayaking, or river rafting trip in the past twelve months, with 6.7% having taken such a trip in the state (see Table 12). The average number of trips for the population is less than one, with the average within the state of 0.5. Among those who participate in this activity at least once, the average number of annual trips is 7.5.

Individuals who took float trips in South Carolina did so mostly in rivers (46.1%) or lakes (29.4%), with smaller percentages taking such trips in the coastal marsh (12.0%), a stream (5.1%), a pond (2.8%), a lagoon (2.4%), or the ocean (2.2%). Less than five percent of South Carolinians reported putting their canoe, kayak, or raft into the water from a trail on either public (2.6%) or private (1.0%) land.

TABLE 11
HIKING
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
TOTAL	20.7	79.3	818	15.6	84.4	818
<u>SEX</u>						
Male	26.8	73.2	388	21.4	78.6	388
Female	15.3	84.7	431	10.4	89.6	431
<u>RACE</u>						
Black	6.9	93.1	218	6.0	94.0	218
White	26.4	73.6	557	19.6	80.4	557
Other	33.3	66.7	24	21.7	78.3	23
<u>AGE</u>						
12 – 17	29.9	70.1	87	26.4	73.6	87
18 - 29	26.1	73.9	165	20.5	79.5	166
30 - 44	21.1	78.9	227	14.5	85.5	227
45 - 64	21.2	78.8	203	14.8	85.2	203
65 and Over	7.1	92.9	112	5.4	94.6	112
<u>EDUCATION</u>						
Less than High School	22.5	77.5	182	20.8	79.2	183
High School Diploma	15.4	84.6	241	12.9	87.1	241
Some College	25.1	74.9	195	16.9	83.1	195
College Degree	23.0	77.0	183	13.7	86.3	183
<u>INCOME</u>						
Under \$25,000	11.3	88.7	168	9.5	90.5	168
\$25,000-\$49,999	22.0	78.0	182	13.8	86.2	181
\$50,000-\$74,999	32.5	67.5	126	25.4	74.6	126
\$75,000 and Over	32.8	67.2	122	23.1	76.9	121
<u>AREA OF RESIDENCE</u>						
Urban	20.3	79.7	236	14.0	86.0	235
Suburban	23.8	76.2	252	17.1	82.9	252
Rural	19.6	80.4	312	16.1	83.9	311
<u>REGION OF RESIDENCE</u>						
Upstate	26.1	73.9	341	20.8	79.2	341
Midlands	18.0	82.0	250	12.8	87.2	250
Lowcountry	15.4	84.6	221	10.4	89.6	221

TABLE 12
FLOAT TRIP PROFILE

Percent Participating (total population):	10.7%
Percent Participating in South Carolina (total population):	6.7%
Average Number of Times Individuals Participate (total population):	0.7
Average Number of Times Individuals Participate in South Carolina (total population):	0.5
Average Number of Times Individuals Participate in South Carolina (participants only):	7.5

Location Participants Mostly Take Float Trips in South Carolina (%)

River:	46.1
Lake:	29.4
Coastal Marsh:	12.0
Stream:	5.1
Pond:	2.8
Lagoon:	2.4
Ocean:	2.2

Percentage of Population Reporting Any Float Trip on Trails in South Carolina: 3.5%

Put in canoe/raft from public land:	2.6%
Put in canoe/raft from private land:	1.0%

Primary Activity (%):

Canoeing/Kayaking/Rafting Primary Activity:	81.8
Fishing:	7.2
Hunting:	4.5
Camping:	4.4
Attending an event:	2.1

Canoeing, kayaking, or rafting was the primary recreational activity for more than 80% of these float trips. Other activities associated with a float trip included fishing (7.2%), hunting (4.5%), camping (4.4%), and attending some event (2.1%).

As with most other activities examined, younger respondents were more likely to have taken a float trip than were those in the older age groups, with a large distinction between those under 30 and those age 30 and above (see Table 13). A lower percentage of blacks (2.3%) than whites (8.4%) or those of other races (8.7%) have taken a float trip in the past twelve months. Regional differences in participation were also evident, with those from the Lowcountry (11.8%) more likely than those from either the Midlands (5.2%) or the Upstate (4.7%) to have taken a float trip in the state in the past twelve months. There is also some indication that men and those in the highest income group are more likely to have taken a float trip.

Horseback riding. Information on participation in horseback riding is presented in Table 14. Among respondents, 7.7% had participated in horseback riding in the past twelve months, with 6.2% having done so in South Carolina. On average, the state's residents participate in horseback riding less than once a year; among those who do any horseback riding, the average number of times is 9.3 annually.

Among South Carolinians, 2.7% have ridden a horse on trails with 1.1% riding on public trails and 2.3% riding on trails on private land. In addition to trail riding, South Carolinians who horseback ride do so as part of horse shows or events, for riding around their house or farm or riding with friends, for hunting or racing, or for taking riding lessons.

TABLE 13
 FLOAT TRIP
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
TOTAL	10.7	89.3	814	6.7	93.3	814
<u>SEX</u>						
Male	13.0	87.0	385	8.6	91.4	385
Female	8.6	91.4	428	5.1	94.9	429
<u>RACE</u>						
Black	3.7	96.3	218	2.3	97.7	218
White	13.4	86.6	558	8.4	91.6	557
Other	20.8	79.2	24	8.7	91.3	23
<u>AGE</u>						
12 – 17	19.5	80.5	87	16.1	83.9	87
18 - 29	18.7	81.3	166	10.2	89.8	166
30 - 44	7.9	92.1	227	3.5	96.5	227
45 - 64	7.9	92.1	202	5.9	94.1	203
65 and Over	3.6	96.4	112	3.6	96.4	112
<u>EDUCATION</u>						
Less than High School	13.1	86.9	183	11.5	88.5	182
High School Diploma	7.1	92.9	240	2.9	97.1	240
Some College	11.8	88.2	195	6.7	93.3	195
College Degree	12.0	88.0	183	7.1	92.9	183
<u>INCOME</u>						
Under \$25,000	6.5	93.5	168	4.8	95.2	168
\$25,000-\$49,999	9.3	90.7	182	6.0	94.0	182
\$50,000-\$74,999	12.0	88.0	125	7.1	92.9	126
\$75,000 and Over	23.1	76.9	121	13.9	86.1	122
<u>AREA OF RESIDENCE</u>						
Urban	10.2	89.8	236	5.5	94.5	236
Suburban	14.3	85.7	252	9.9	90.1	252
Rural	8.7	91.3	312	5.1	94.9	311
<u>REGION OF RESIDENCE</u>						
Upstate	10.1	89.9	338	4.7	95.3	338
Midlands	8.0	92.0	249	5.2	94.8	250
Lowcountry	15.0	85.0	220	11.8	88.2	220

TABLE 14
HORSEBACK RIDING PROFILE

Percent Participating (total population):	7.7%
Percent Participating in South Carolina (total population):	6.2%
Average Number of Times Individuals Participate (total population):	0.6
Average Number of Times Individuals Participate in South Carolina (total population):	0.6
Average Number of Times Individuals Participate in South Carolina (participants only):	9.3
<u>Percentage of Population Reporting Any Horseback Riding on Trails in South Carolina:</u>	2.7%
Rode Horses on a trail on public land:	1.1%
Rode Horses on a trail on private land:	2.3%
<u>Percentage Participating in Other Types of Horseback Riding Activities (%):</u>	
Horse Shows/Events:	9.1
Rode Around House/Farm:	6.2
Riding Lessons:	4.9
Hunting:	4.7
Riding with Friends:	2.4
At Camp:	2.4
Racing:	2.1
Pen Riding:	2.0
<u>Primary Activity (%):</u>	
Horseback Riding Primary Activity:	87.6
Family Outing:	8.8
Transportation:	3.6

For close to 90% of the horseback riding that is done in South Carolina, this is the primary recreational activity, with the remainder done as part of a family outing or as a means of transportation.

Age is the background characteristic that is most strongly associated with participation in horseback riding, with the percentage participating in South Carolina ranging from 19.5% among those ages 12 to 17 to 9.0% among those ages 18 to 29, 4.8% for those 30 to 44, 3.4% in the 45 to 64 age group, and 0.0% for those age 65 or older. Race also had an effect on participation in horseback riding, with 8.6% of whites and 8.3% of those of other races reporting horseback riding in South Carolina in the past twelve months, and 0.0% of blacks having done so (see Table 15).

Skateboarding or in-line skating. As the data provided in Table 16 demonstrate, 6.9% have been skateboarding or in-line skating outdoors in the past twelve months, with 6.6% doing so in the state. The average South Carolinian participates in this activity 2.3 times a year overall, 2.2 times in the South Carolina. Among those who participated in skateboarding or in-line skating at least once in the past twelve months, the average number of times was 34.2.

While the largest percentage (41.1%) of those who participated in this activity said they did so mostly on streets or roads, 19.4% reported doing so mostly at parks, 13.5% on sidewalks, 13.3% on running tracks, and 8.6% at a skateboard park. Less than one percent of the public reported any skating on trails in South Carolina. When individuals participated in skateboarding or in-line skating this was almost always the primary recreational activity, although 2.2% said that hockey was the primary activity and 0.4% cited walking.

The figures presented in Table 17 indicate that skateboarding is predominantly a youthful activity. The percentage of those interviewed who have skateboarded or gone in-line skating in

TABLE 15
HORSEBACK RIDING
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
TOTAL	7.7	92.3	818	6.2	93.8	818
<u>SEX</u>						
Male	8.8	91.2	387	7.0	93.0	387
Female	6.7	93.3	430	5.3	94.7	430
<u>RACE</u>						
Black	0.0	100.0	217	0.0	100.0	217
White	10.4	89.6	557	8.6	91.4	557
Other	16.7	83.3	24	8.3	91.7	24
<u>AGE</u>						
12 – 17	21.6	78.4	88	19.5	80.5	87
18 - 29	10.3	89.7	165	9.0	91.0	166
30 - 44	7.0	93.0	227	4.8	95.2	227
45 - 64	4.9	95.1	203	3.4	96.6	203
65 and Over	0.0	100.0	112	0.0	100.0	112
<u>EDUCATION</u>						
Less than High School	12.1	87.9	182	11.5	88.5	182
High School Diploma	5.4	94.6	241	4.1	95.9	241
Some College	9.2	90.8	195	5.6	94.4	195
College Degree	4.9	95.1	183	4.3	95.7	184
<u>INCOME</u>						
Under \$25,000	6.0	94.0	168	4.2	95.8	168
\$25,000-\$49,999	6.0	94.0	182	4.9	95.1	182
\$50,000-\$74,999	11.1	88.9	126	8.0	92.0	125
\$75,000 and Over	9.8	90.2	122	7.4	92.6	122
<u>AREA OF RESIDENCE</u>						
Urban	8.9	91.1	235	8.5	91.5	236
Suburban	6.7	93.3	253	5.1	94.9	253
Rural	7.7	92.3	312	5.4	94.6	312
<u>REGION OF RESIDENCE</u>						
Upstate	9.7	90.3	340	7.4	92.6	340
Midlands	8.0	92.0	250	7.6	92.4	250
Lowcountry	4.5	95.5	221	3.2	96.8	221

TABLE 16
SKATEBOARDING/IN-LINE SKATING OUTDOORS PROFILE

Percent Participating (total population):	6.9%
Percent Participating in South Carolina (total population):	6.6%
Average Number of Times Individuals Participate (total population):	2.3
Average Number of Times Individuals Participate in South Carolina (total population):	2.2
Average Number of Times Individuals Participate in South Carolina (participants only):	34.2

Location Participants Skated Mostly in South Carolina (%)

Streets/Roads:	41.1
Parks:	19.4
Sidewalks:	13.5
Running Track:	13.3
Skateboard Park:	8.6
Driveway:	3.2
Trails:	0.9

Percentage of Population Reporting Any Skating on Trails in South Carolina: 0.7%

Skated on a trail on public land:	0.7%
Skated on a trail on private land:	0.3%

Primary Activity (%):

Skateboarding/In-Line Skating Primary Activity:	97.4
Playing Hockey:	2.2
Walking:	0.4

TABLE 17
SKATEBOARDING/IN-LINE SKATING
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	% Participating			% Participating in South Carolina		
	<u>YES</u>	<u>NO</u>	<u>N</u>	<u>YES</u>	<u>NO</u>	<u>N</u>
TOTAL	6.9	93.1	818	6.6	93.4	818
<u>SEX</u>						
Male	8.0	92.0	387	7.8	92.2	387
Female	5.8	94.2	431	5.6	94.4	431
<u>RACE</u>						
Black	6.5	93.5	217	6.5	93.5	217
White	6.8	93.2	557	6.6	93.4	557
Other	16.7	83.3	24	8.3	91.7	24
<u>AGE</u>						
12 – 17	26.1	73.9	88	24.1	75.9	87
18 - 29	13.9	86.1	166	13.3	86.7	166
30 - 44	4.0	96.0	227	4.0	96.0	227
45 - 64	0.5	99.5	203	0.5	99.5	203
65 and Over	0.0	100.0	112	0.0	100.0	112
<u>EDUCATION</u>						
Less than High School	16.5	83.5	182	15.8	84.2	183
High School Diploma	2.1	97.9	241	2.1	97.9	241
Some College	7.2	92.8	195	7.2	92.8	195
College Degree	3.8	96.2	183	3.3	96.7	183
<u>INCOME</u>						
Under \$25,000	6.5	93.5	168	5.9	94.1	169
\$25,000-\$49,999	5.5	94.5	182	5.5	94.5	182
\$50,000-\$74,999	4.8	95.2	126	4.0	96.0	126
\$75,000 and Over	5.7	94.3	122	5.7	94.3	122
<u>AREA OF RESIDENCE</u>						
Urban	9.7	90.3	236	8.9	91.1	236
Suburban	4.8	95.2	252	4.8	95.2	252
Rural	6.4	93.6	312	6.4	93.6	312
<u>REGION OF RESIDENCE</u>						
Upstate	6.2	93.8	340	6.2	93.8	340
Midlands	6.0	94.0	250	6.0	94.0	250
Lowcountry	9.0	91.0	221	8.1	91.9	221

the past twelve months in South Carolina is 24.1% among those 12 to 17 years old. This percentage declines to 13.3% among those 18 to 29, to 4.0% for those 30 to 44, and 0.5% and 0.0% for those 45 to 64 and age 65 or older. The significant difference across education levels is again a result of the age composition of the sample interviewed for this study. Other differences across groups are not statistically significant.

Use of Trails

The preceding description of the types of activities that frequently occur on trails in South Carolina provides some indication of the level of these activities and the characteristics associated with participation in them. The main purpose of this study, however, was to focus on trail use in the state. To accomplish this, items related to participation in these activities on trails were analyzed more extensively.

One of the elements that was presented in the profiles of these various activities was an estimate of the percentage of the population age 12 or older that had participated in the activity on a trail in South Carolina in the past twelve months. These figures are summarized in Table 18. These data demonstrate that the types of activities that take place on trails in South Carolina vary somewhat from the overall level of participation in these activities. While walking is the activity for which the largest percentage of this population (27.3%) participated on a trail in the last twelve months, it is followed not by jogging or running and bicycling, but rather by off-highway vehicle riding (16.8%) and hiking (14.5%), then jogging or running (8.2%), bicycling (6.6%), float trips (3.5%), horseback riding (2.7%), and skateboarding or in-line skating (0.7%).

These data also indicate that for most of these activities a higher percentage of the state's population participate on public trails than trails on private land. The lone exception is horseback riding, for which 2.3% participated on private trails and 1.1% participated on public trails; for the other activities, the percentage who participated on public trails was roughly twice that for private trails.

The column labeled "estimate of population" provides an estimate of the number of individuals age 12 or older who participated in these activities on trails in the state in the past twelve months, which was calculated by multiplying the state's population age 12 or older

TABLE 18

PERCENTAGE AND POPULATION ESTIMATE OF PARTICIPATION IN RECREATIONAL
ACTIVITIES ON TRAILS IN SOUTH CAROLINA – AGE 12 OR OLDER

<u>Activity</u>	<u>% Participating on Trails</u>	<u>Public Trails</u>	<u>Private Trails</u>	<u>Estimate of Population</u>
Walking	27.3	22.3	12.9	913,400
Off-Highway Vehicle Riding	16.8	15.6	7.0	562,100
Hiking	14.5	11.3	6.9	485,200
Jogging or Running	8.2	5.9	3.7	274,300
Bicycling	6.6	5.1	2.7	220,800
Float Trip	3.5	2.6	1.0	117,100
Horseback Riding	2.7	1.1	2.3	90,300
Skateboarding/ In-Line Skating	0.7	0.7	0.3	23,400

(2000 Census) times the percentage of respondents who participated on trails. These estimates range from over 900,000 South Carolinians who have walked on a trail in the past twelve months to less than 25,000 who have used a trail in the state for skateboarding or in-line skating.

Tables 19 through 26 provide a breakdown of trail use for these various activities by demographic characteristics. As these figures demonstrate, there are a number of background characteristics associated with different types of trail use.

For walking (Table 19), one of the largest differences is across income groups, where the percentage who used a trail increased from 16.1% among those with a family income under \$25,000 to 41.3% for those with incomes between \$50,000 and \$74,999. Whites (31.3%) and those of other races (37.5%) were more likely to have walked on a trail than blacks (18.4%), and those with more education were more likely to have walked on a public trail in the past twelve months. Residents of the suburbs were more likely than those from urban or rural areas to report walking on a trail in the past twelve months.

The largest variations in trail use for off-highway vehicle riding was across age groups, with close to 30% of those in the 12 to 17 and 18 to 29 age groups having ridden on a trail in the past 12 months, compared to 16.3% of those ages 30 to 44, 9.4% of those 45 to 64, and 3.6% of those 65 or older (Table 20). A much higher percentage of men (26.3%) than women (8.1%), reported off-highway vehicle trail riding on trails, and whites were more likely than blacks or those of other races to have participated in this activity. Respondents with higher family incomes and those living in rural areas were also more likely to report off-highway vehicle riding on a trail. With some minor distinctions, this pattern of demographic differences is apparent across types of vehicle used in off-highway vehicle riding (Tables 20a to 20d).

TABLE 19
WALKING TRAIL USE IN SOUTH CAROLINA
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	27.3	22.3	12.9
<u>SEX</u>			
Male	26.3	19.9	15.0
Female	28.1	24.6	10.9
<u>RACE</u>			
Black	18.4	15.7	5.1
White	31.3	25.0	16.0
Other	37.5	37.5	16.7
<u>AGE</u>			
12 – 17	33.0	25.3	16.3
18 - 29	25.9	24.1	9.6
30 - 44	34.8	30.0	17.2
45 - 64	25.1	19.2	13.9
65 and Over	18.8	12.5	6.3
<u>EDUCATION</u>			
Less than High School	23.0	17.1	11.0
High School Diploma	24.5	19.1	12.0
Some College	30.8	25.6	14.9
College Degree	33.7	30.4	14.2
<u>INCOME</u>			
Less than \$25,000	16.1	12.6	6.6
\$25,000-\$49,999	33.5	26.9	15.3
\$50,000-\$74,999	41.3	33.6	23.0
\$75,000 and Over	37.5	32.5	19.0
<u>AREA OF RESIDENCE</u>			
Urban	28.1	25.1	12.8
Suburban	33.3	29.0	12.3
Rural	23.1	16.3	13.8
<u>REGION OF RESIDENCE</u>			
Upstate	29.1	23.5	15.3
Midlands	27.2	23.6	10.4
Lowcountry	23.5	18.5	11.7

TABLE 20
 OFF-HIGHWAY VEHICLE TRAIL USE IN SOUTH CAROLINA
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	16.8	7.0	15.6
<u>SEX</u>			
Male	26.3	11.3	25.6
Female	8.1	3.2	6.7
<u>RACE</u>			
Black	7.4	5.0	5.1
White	21.6	8.3	20.9
Other	4.2	4.2	4.2
<u>AGE</u>			
12 – 17	29.9	12.3	28.7
18 - 29	30.7	12.7	27.3
30 - 44	16.3	7.5	15.9
45 - 64	9.4	2.5	9.4
65 and Over	3.6	2.7	1.8
<u>EDUCATION</u>			
Less than High School	24.7	10.4	24.2
High School Diploma	17.0	7.1	15.0
Some College	15.9	6.7	14.4
College Degree	10.9	4.4	9.8
<u>INCOME</u>			
Less than \$25,000	13.0	7.1	9.5
\$25,000-\$49,999	17.0	7.7	16.5
\$50,000-\$74,999	21.6	3.2	20.8
\$75,000 and Over	27.0	12.3	26.2
<u>AREA OF RESIDENCE</u>			
Urban	13.1	4.7	12.3
Suburban	15.1	8.3	12.3
Rural	21.9	8.0	21.5
<u>REGION OF RESIDENCE</u>			
Upstate	18.2	8.5	17.3
Midlands	15.6	4.8	15.2
Lowcountry	16.2	6.8	13.6

TABLE 20a
OFF-HIGHWAY VEHICLE **ATV** TRAIL USE IN SOUTH CAROLINA
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	11.3	3.2	11.0
<u>SEX</u>			
Male	19.6	5.9	18.8
Female	4.0	0.7	4.0
<u>RACE</u>			
Black	1.8	0.5	1.8
White	15.8	4.3	15.3
Other	4.2	4.2	4.2
<u>AGE</u>			
12 – 17	18.2	5.7	18.2
18 - 29	22.3	6.0	22.3
30 - 44	11.0	4.0	10.1
45 - 64	6.9	0.5	6.9
65 and Over	0.9	0.9	0.0
<u>EDUCATION</u>			
Less than High School	15.8	5.5	15.8
High School Diploma	10.0	2.5	10.0
Some College	11.9	2.1	11.9
College Degree	8.7	3.3	7.6
<u>INCOME</u>			
Less than \$25,000	4.8	1.8	4.8
\$25,000-\$49,999	12.1	3.3	12.1
\$50,000-\$74,999	14.3	1.6	14.3
\$75,000 and Over	24.0	5.8	21.5
<u>AREA OF RESIDENCE</u>			
Urban	7.6	2.1	7.2
Suburban	7.9	2.4	7.9
Rural	17.3	4.5	16.7
<u>REGION OF RESIDENCE</u>			
Upstate	11.8	5.0	10.9
Midlands	10.4	0.8	10.4
Lowcountry	11.8	2.3	11.8

TABLE 20b
OFF-HIGHWAY VEHICLE **MOTORCYCLE** TRAIL USE IN SOUTH CAROLINA
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	3.3	1.7	3.1
<u>SEX</u>			
Male	6.2	3.1	6.2
Female	0.7	0.2	0.5
<u>RACE</u>			
Black	0.0	0.0	0.0
White	4.7	2.3	4.5
Other	4.2	4.2	4.2
<u>AGE</u>			
12 – 17	2.3	0.0	2.3
18 - 29	8.4	3.0	7.8
30 - 44	4.4	3.1	4.4
45 - 64	0.5	0.5	0.5
65 and Over	0.0	0.0	0.0
<u>EDUCATION</u>			
Less than High School	6.0	3.8	6.0
High School Diploma	3.3	0.8	3.3
Some College	3.6	1.5	2.6
College Degree	0.5	0.5	0.5
<u>INCOME</u>			
Less than \$25,000	2.4	1.2	2.4
\$25,000-\$49,999	6.0	2.7	5.5
\$50,000-\$74,999	3.2	0.8	3.2
\$75,000 and Over	3.3	0.8	3.3
<u>AREA OF RESIDENCE</u>			
Urban	1.7	0.4	1.7
Suburban	2.0	2.0	2.0
Rural	5.8	2.6	5.4
<u>REGION OF RESIDENCE</u>			
Upstate	3.8	2.1	3.8
Midlands	2.8	0.8	2.4
Lowcountry	3.6	1.8	3.6

TABLE 20c
 OFF-HIGHWAY VEHICLE **SUV/TRUCK** TRAIL USE IN SOUTH CAROLINA
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	8.6	3.8	8.0
<u>SEX</u>			
Male	14.4	6.4	13.7
Female	3.3	1.4	2.8
<u>RACE</u>			
Black	3.7	2.8	3.2
White	11.0	4.3	10.5
Other	4.2	4.2	4.2
<u>AGE</u>			
12 – 17	19.5	9.1	18.6
18 - 29	11.4	4.8	10.2
30 - 44	9.7	4.0	9.3
45 - 64	5.0	2.5	4.4
65 and Over	1.8	0.9	1.8
<u>EDUCATION</u>			
Less than High School	12.1	6.6	12.2
High School Diploma	9.5	2.9	8.3
Some College	8.2	3.6	7.2
College Degree	5.4	2.7	4.9
<u>INCOME</u>			
Less than \$25,000	3.0	1.2	2.4
\$25,000-\$49,999	8.2	3.3	7.1
\$50,000-\$74,999	12.0	3.2	12.0
\$75,000 and Over	14.8	8.2	14.8
<u>AREA OF RESIDENCE</u>			
Urban	6.8	2.1	6.0
Suburban	7.9	4.4	7.2
Rural	10.9	4.5	10.6
<u>REGION OF RESIDENCE</u>			
Upstate	7.9	3.5	7.1
Midlands	9.2	3.6	8.9
Lowcountry	9.0	4.1	8.1

TABLE 20d
 OFF-HIGHWAY VEHICLE **OTHER VEHICLE** TRAIL USE IN SOUTH CAROLINA
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	2.2	0.8	1.7
<u>SEX</u>			
Male	1.3	0.5	1.3
Female	3.0	1.2	2.1
<u>RACE</u>			
Black	2.8	1.8	0.9
White	2.2	0.4	2.2
Other	0.0	0.0	0.0
<u>AGE</u>			
12 – 17	5.7	2.3	5.7
18 - 29	4.2	2.4	2.4
30 - 44	0.9	0.0	0.9
45 - 64	1.5	0.0	1.5
65 and Over	1.8	0.9	0.9
<u>EDUCATION</u>			
Less than High School	3.3	1.1	3.3
High School Diploma	1.7	1.7	0.0
Some College	2.1	0.5	1.5
College Degree	1.1	0.0	1.1
<u>INCOME</u>			
Less than \$25,000	5.9	3.0	3.0
\$25,000-\$49,999	0.5	0.0	0.5
\$50,000-\$74,999	0.8	0.0	0.8
\$75,000 and Over	4.1	0.8	4.1
<u>AREA OF RESIDENCE</u>			
Urban	2.1	0.4	1.7
Suburban	3.2	2.4	2.0
Rural	1.6	0.0	1.6
<u>REGION OF RESIDENCE</u>			
Upstate	1.2	0.6	0.9
Midlands	2.8	0.8	2.8
Lowcountry	3.2	1.8	1.6

TABLE 21
 HIKING TRAIL USE IN SOUTH CAROLINA
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	14.5	11.3	6.9
<u>SEX</u>			
Male	19.8	14.0	10.8
Female	9.7	8.8	3.5
<u>RACE</u>			
Black	5.1	3.7	2.3
White	18.2	14.2	8.5
Other	20.8	20.8	16.7
<u>AGE</u>			
12 – 17	24.1	17.0	14.8
18 - 29	16.1	13.9	8.4
30 - 44	14.1	11.5	4.9
45 - 64	13.4	11.4	7.9
65 and Over	5.3	3.6	2.7
<u>EDUCATION</u>			
Less than High School	19.8	14.8	12.0
High School Diploma	11.6	8.3	6.6
Some College	14.9	12.3	5.6
College Degree	13.1	11.4	4.3
<u>INCOME</u>			
Less than \$25,000	9.5	8.3	5.3
\$25,000-\$49,999	11.5	9.3	3.3
\$50,000-\$74,999	24.6	16.7	15.1
\$75,000 and Over	21.3	18.9	6.6
<u>AREA OF RESIDENCE</u>			
Urban	12.3	12.3	4.7
Suburban	15.9	13.0	5.2
Rural	15.4	9.6	10.3
<u>REGION OF RESIDENCE</u>			
Upstate	19.4	15.2	9.1
Midlands	12.0	8.8	4.4
Lowcountry	10.0	8.1	5.9

TABLE 22
 JOGGING OR RUNNING TRAIL USE IN SOUTH CAROLINA
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	8.2	5.9	3.7
<u>SEX</u>			
Male	9.8	7.0	4.1
Female	6.7	4.9	3.5
<u>RACE</u>			
Black	8.3	7.4	5.5
White	8.1	5.2	3.2
Other	8.3	8.3	0.0
<u>AGE</u>			
12 – 17	21.8	14.9	11.5
18 - 29	11.4	9.0	1.2
30 - 44	8.4	7.0	5.3
45 - 64	3.4	1.5	2.5
65 and Over	0.9	0.9	0.9
<u>EDUCATION</u>			
Less than High School	12.6	8.2	6.0
High School Diploma	5.8	4.1	2.5
Some College	8.2	6.2	3.6
College Degree	6.6	6.0	3.3
<u>INCOME</u>			
Less than \$25,000	7.1	4.8	3.6
\$25,000-\$49,999	5.5	4.4	2.2
\$50,000-\$74,999	16.0	11.1	5.6
\$75,000 and Over	8.3	7.4	3.3
<u>AREA OF RESIDENCE</u>			
Urban	11.4	9.3	6.4
Suburban	7.9	6.7	1.6
Rural	5.8	3.2	3.5
<u>REGION OF RESIDENCE</u>			
Upstate	10.0	6.8	5.3
Midlands	8.0	6.0	2.8
Lowcountry	4.5	3.6	1.4

TABLE 23
 BICYCLING TRAIL USE IN SOUTH CAROLINA
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	6.6	5.1	2.7
<u>SEX</u>			
Male	6.7	5.2	2.6
Female	6.5	5.1	2.8
<u>RACE</u>			
Black	3.7	2.6	2.3
White	8.3	6.5	3.1
Other	0.0	0.0	0.0
<u>AGE</u>			
12 – 17	18.2	17.0	9.1
18 - 29	8.4	5.4	4.2
30 - 44	6.2	4.0	1.8
45 - 64	3.4	3.0	1.5
65 and Over	2.7	2.7	0.9
<u>EDUCATION</u>			
Less than High School	12.1	10.4	6.6
High School Diploma	4.1	2.9	1.7
Some College	6.7	3.6	2.1
College Degree	4.9	4.9	0.5
<u>INCOME</u>			
Less than \$25,000	4.8	3.0	3.0
\$25,000-\$49,999	6.6	6.0	2.2
\$50,000-\$74,999	10.3	9.5	4.0
\$75,000 and Over	5.0	4.1	0.0
<u>AREA OF RESIDENCE</u>			
Urban	7.2	4.7	3.4
Suburban	9.5	8.7	2.4
Rural	4.2	3.2	2.2
<u>REGION OF RESIDENCE</u>			
Upstate	3.5	2.3	2.1
Midlands	11.6	9.6	4.8
Lowcountry	5.4	4.5	1.4

TABLE 24
 FLOAT TRIP TRAIL USE IN SOUTH CAROLINA
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	3.6	2.6	1.0
<u>SEX</u>			
Male	4.8	3.5	1.1
Female	2.6	1.9	1.0
<u>RACE</u>			
Black	2.3	2.3	0.0
White	4.2	2.8	1.5
Other	4.3	4.3	0.0
<u>AGE</u>			
12 – 17	9.6	7.4	2.6
18 - 29	6.1	4.4	2.0
30 - 44	1.8	1.3	0.0
45 - 64	2.5	2.5	0.0
65 and Over	1.8	0.0	1.8
<u>EDUCATION</u>			
Less than High School	6.7	5.7	1.2
High School Diploma	1.7	0.8	0.4
Some College	4.2	2.7	1.6
College Degree	2.7	2.2	0.6
<u>INCOME</u>			
Less than \$25,000	3.0	2.4	0.0
\$25,000-\$49,999	2.2	1.7	0.6
\$50,000-\$74,999	3.2	3.3	0.0
\$75,000 and Over	5.7	3.5	2.7
<u>AREA OF RESIDENCE</u>			
Urban	3.0	1.3	1.7
Suburban	4.4	2.9	1.7
Rural	3.6	3.3	0.0
<u>REGION OF RESIDENCE</u>			
Upstate	2.7	0.9	1.5
Midlands	2.0	1.2	0.8
Lowcountry	7.0	6.5	0.5

TABLE 25
HORSEBACK RIDING TRAIL USE IN SOUTH CAROLINA
BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	2.7	1.1	2.3
<u>SEX</u>			
Male	2.8	1.5	2.6
Female	2.6	0.9	1.9
<u>RACE</u>			
Black	0.0	0.0	0.0
White	3.6	1.4	3.1
Other	8.3	8.3	8.3
<u>AGE</u>			
12 – 17	9.1	2.3	8.0
18 - 29	3.0	1.2	2.4
30 - 44	1.8	1.3	1.3
45 - 64	2.5	1.0	2.0
65 and Over	0.0	0.0	0.0
<u>EDUCATION</u>			
Less than High School	5.5	1.6	5.5
High School Diploma	0.8	0.0	0.0
Some College	3.1	1.0	2.6
College Degree	2.7	2.7	2.2
<u>INCOME</u>			
Less than \$25,000	0.6	0.6	0.6
\$25,000-\$49,999	1.6	0.5	1.6
\$50,000-\$74,999	1.6	0.8	1.6
\$75,000 and Over	4.1	3.3	3.3
<u>AREA OF RESIDENCE</u>			
Urban	3.8	1.3	3.4
Suburban	2.8	0.8	2.4
Rural	1.9	1.3	1.6
<u>REGION OF RESIDENCE</u>			
Upstate	3.8	2.1	2.7
Midlands	3.2	0.4	3.2
Lowcountry	0.9	0.5	0.9

TABLE 26
 SKATEBOARDING/IN-LINE SKATING TRAIL USE IN SOUTH CAROLINA
 BY DEMOGRAPHIC CHARACTERISTICS – AGE 12 OR OLDER

	<u>Any Trail</u>	<u>Public</u>	<u>Private</u>
TOTAL	0.7	0.7	0.3
<u>SEX</u>			
Male	0.8	0.8	0.3
Female	0.7	0.7	0.5
<u>RACE</u>			
Black	0.5	0.5	0.5
White	0.9	0.9	0.4
Other	0.0	0.0	0.0
<u>AGE</u>			
12 – 17	4.6	4.6	3.4
18 - 29	0.6	0.6	0.0
30 - 44	0.0	0.0	0.0
45 - 64	0.0	0.0	0.0
65 and Over	0.0	0.0	0.0
<u>EDUCATION</u>			
Less than High School	2.7	2.7	1.6
High School Diploma	0.0	0.0	0.0
Some College	0.0	0.0	0.0
College Degree	0.0	0.0	0.0
<u>INCOME</u>			
Less than \$25,000	0.6	0.6	0.6
\$25,000-\$49,999	1.6	1.6	0.5
\$50,000-\$74,999	0.0	0.0	0.0
\$75,000 and Over	0.0	0.0	0.0
<u>AREA OF RESIDENCE</u>			
Urban	0.0	0.0	0.0
Suburban	0.4	0.4	0.4
Rural	1.6	1.6	0.6
<u>REGION OF RESIDENCE</u>			
Upstate	0.9	0.9	0.9
Midlands	1.2	1.2	0.0
Lowcountry	0.0	0.0	0.0

Group differences in hiking on trails were also found between men and women, across age groups, and among races (Table 21). Almost 20% of men had hiked on a trail in the past twelve months, compared to 9.7% of women. The percentage reporting trail hiking decreased as age decreased, ranging from 24.1% among those ages 12 to 17 to 5.3% among those age 65 or older. A much smaller percentage of blacks (5.1%) than whites (18.2%) or those of other races (20.8%) had done any hiking on a trail in the past twelve months. In addition, those with higher family incomes and residents of the Upstate were more likely to have hiked on a trail in the past twelve months.

The largest difference in jogging or running on a trail is across age groups (Table 22). Variation in participation across groups is substantial: 12 to 17 – 21.8%; 18 to 29 – 11.4%; 30 to 44 – 8.4%; 45 to 64 – 3.4%; and 65 or older – 0.9%. In addition, there were significant regional differences in jogging or running on trails, with 4.5% of respondents from the Lowcountry, 8.0% of those from the Midlands, and 10.0% of those from the Upstate having run or jogged on a trail in the past twelve months.

While there were several group differences in bicycling on a trail, by far the largest of these was among age groups, with the related distinction across education levels (Table 23). Among those ages 12 to 17, 18.2% had bicycled on a trail in the past twelve months, a percentage that declined as age increased, reaching 2.7% among those age 65 or older. There were also regional differences on this question, with those in the Midlands (11.6%) more likely than residents of the Lowcountry (5.4%) or Upstate (3.5%) to have bicycled on a trail. In addition, whites were more likely than blacks or those of other races to have biked on a trail and those living in the suburbs also participated more frequently.

As with many other activities, the largest group difference in trail use as part of a float trip was by age (Table 24). Those ages 12 to 17 and 18 to 29 were more likely than those age 30 or older to have used a trail when putting their canoe, kayak, or raft into the water. Respondents living in the Lowcountry were also more likely to have used a trail as part of a float trip.

Younger people and those with less than a high school education were also more likely to have gone horseback riding on a trail (Table 25). Blacks were less likely than whites and those of other races to have gone horseback riding on a trail in the past twelve months.

Less than one percent of the population reported any skateboarding or in-line skating on a trail, and virtually all of this activity was done by individuals ages 12 to 17 with less than a high school education (Table 26).

Perceptions of Trails

In the last section of this questionnaire, respondents were asked a series of questions related to their perceptions of trails in South Carolina. These included their rating of how crowded trails were in the state; how well the trails were maintained; overall rating of the quality of the trails; and what should be done to improve trails in the state. In addition, those interviewed were asked if the state was in a position to acquire or develop additional trails for walking or hiking, for off-highway vehicle riding, for bicycling, or for horseback riding, whether priority should be given to developing these trails in local urban parks, local parks in rural areas, state or national parks, state or national forests, private land, or some other type of area.

The data presented in Table 27 provide little indication that the South Carolina public feels that trails in the state are crowded. Of those who responded to this question, only 2.3% thought that trails in South Carolina were very crowded, and 5.6% believed they were crowded. Approximately half felt that the state's trails were not too crowded, 29.0% said they were not at all crowded, and 11.3% said they did not know. While there are several statistically significant group differences on this question, these were largely a result of variations in the percentage of "don't know" responses rather than distinctions in perceptions across groups. Even though only a small number of those of "other" races responded to this question, they were less likely than whites or blacks to give "don't know" response and more likely to say that trails were not at all crowded. A higher percentage of women than men gave a "don't know" response to this question, and a slightly higher percentage of women than men felt that trails were either crowded or very crowded. A higher percentage of respondents from the Lowcountry than those from the Upstate or Midlands gave a "don't know" response to this question. Overall, however, South

TABLE 27
 CROWDEDNESS OF SOUTH CAROLINA TRAILS
 BY DEMOGRAPHIC CHARACTERISTICS - AGE 12 OR OLDER

	<u>Very Crowded</u>	<u>Crowded</u>	<u>Not Too Crowded</u>	<u>Not At All Crowded</u>	<u>Don't Know</u>	<u>N</u>
TOTAL	2.3	5.6	49.7	29.0	11.3	646
<u>SEX</u>						
Male	1.3	3.8	52.8	33.2	8.9	316
Female	3.3	7.3	46.8	24.9	17.6	329
<u>RACE</u>						
Black	3.9	8.4	49.4	24.2	14.0	178
White	1.8	4.4	51.4	30.0	12.4	436
Other	0.0	10.0	20.0	65.0	5.0	20
<u>AGE</u>						
12 – 17	2.4	2.4	53.7	32.9	8.5	82
18 - 29	2.9	3.6	53.3	31.4	8.8	137
30 - 44	1.0	6.7	49.7	32.8	9.7	195
45 - 64	2.6	7.2	48.0	25.0	17.1	152
65 and Over	4.2	8.3	41.7	22.2	23.6	72
<u>EDUCATION</u>						
Less than High School	2.5	6.3	47.8	31.4	11.9	159
High School Diploma	3.3	5.5	50.5	26.4	14.3	182
Some College	2.6	6.5	54.9	25.5	10.5	153
College Degree	1.4	3.4	44.8	35.2	15.2	145
<u>INCOME</u>						
Less than \$25,000	3.9	8.7	56.7	18.9	11.8	127
\$25,000-\$49,999	2.0	6.6	45.4	34.2	11.8	152
\$50,000-\$74,999	2.8	4.7	51.4	33.6	7.5	107
\$75,000 and Over	0.0	1.8	46.8	38.5	12.8	109
<u>TYPE OF AREA</u>						
Urban	3.6	5.7	51.5	27.8	11.3	194
Suburban	1.9	5.3	49.0	31.1	12.6	206
Rural	1.7	6.3	47.7	29.1	15.2	237
<u>REGION</u>						
Upstate	1.5	4.7	55.6	28.7	9.5	275
Midlands	2.5	5.6	52.3	26.9	12.7	197
Lowcountry	3.0	6.6	38.6	31.3	20.5	166

Carolínians express little concern that trails in the state are overcrowded, and this view is largely shared across subgroups.

Respondents in this survey were also positive in their views about the maintenance of the state's trails. As shown in Table 28, 16.6% felt that trails were very well maintained and close to 60% thought they were well maintained; only 7.3% thought the state's trails were poorly maintained, 1.8% said they were very poorly maintained, and 14.8% did not know. As was the case with the item on how crowded trails were, the group differences on this question were largely the result of differences in the percentage of "don't know" responses. Those of "other" races were less likely to give a "don't know" response to this question and none of these 20 respondents rated trail maintenance as either poor or very poor. A higher percentage of respondents from the Lowcountry (20.5%) than from either the Midlands (16.2%) or the Upstate (10.1%) gave a "don't know" response to this question, and those from the Lowcountry were also more likely to say that trails were poorly maintained.

The generally positive impression that users have of South Carolina's trails is also evident in the responses to the question of overall quality of trails, presented in Table 29. As these data indicate, 13.8% rated the trails in South Carolina as excellent, 51.4% felt they were good, 17.0% thought they were fair, 2.7% said poor, 1.7% very poor, and 13.3% did not have an opinion.

While there were several statistically significant group differences on this question, the general pattern across groups was the same, with the largest percentage in each category giving trails an overall rating of good and less than 10% of all groups rating trails as poor or very poor. Across age groups, those in the youngest (age 12 to 17) group were less likely to rate trails as excellent or to give a "don't know" response to this question and more likely to rate them as "good" or "fair." A higher percentage of older respondents rated trails as excellent or did not have an

TABLE 28
 MAINTENANCE OF SOUTH CAROLINA TRAILS
 BY DEMOGRAPHIC CHARACTERISTICS - AGE 12 OR OLDER

	Very <u>Well</u>	<u>Well</u>	<u>Poorly</u>	Very <u>Poorly</u>	Don't <u>Know</u>	<u>N</u>
TOTAL	16.6	59.5	7.3	1.8	14.8	646
<u>SEX</u>						
Male	17.5	59.0	7.3	1.9	14.3	315
Female	15.8	60.0	7.3	1.8	15.2	330
<u>RACE</u>						
Black	14.0	58.4	10.7	5.1	11.8	178
White	16.5	60.9	6.2	0.7	15.8	437
Other	45.0	50.0	0.0	0.0	5.0	20
<u>AGE</u>						
12 – 17	15.9	61.0	9.8	3.7	9.8	82
18 - 29	17.0	63.0	5.9	0.7	13.3	135
30 - 44	17.9	57.4	8.2	2.1	14.4	195
45 - 64	15.2	62.3	6.0	2.0	14.6	151
65 and Over	15.5	53.5	7.0	1.4	22.5	71
<u>EDUCATION</u>						
Less than High School	20.6	55.6	8.8	2.5	12.5	160
High School Diploma	14.8	59.3	7.1	2.7	15.9	182
Some College	16.2	60.4	9.1	1.3	13.0	154
College Degree	14.5	64.1	3.4	0.7	17.2	145
<u>INCOME</u>						
Less than \$25,000	23.2	54.4	8.8	2.4	11.2	125
\$25,000-\$49,999	12.7	64.0	7.3	1.3	14.7	150
\$50,000-\$74,999	13.1	70.1	2.8	0.0	14.0	107
\$75,000 and Over	16.7	64.8	3.7	2.8	12.0	108
<u>TYPE OF AREA</u>						
Urban	15.5	63.7	4.7	1.0	15.0	193
Suburban	19.7	59.1	8.7	1.0	11.5	208
Rural	13.9	57.8	8.4	3.4	16.5	237
<u>REGION</u>						
Upstate	18.8	65.6	2.9	2.5	10.1	276
Midlands	15.7	59.9	7.6	0.5	16.2	197
Lowcountry	15.1	48.8	13.3	2.4	20.5	166

TABLE 29
 OVERALL QUALITY OF SOUTH CAROLINA TRAILS
 BY DEMOGRAPHIC CHARACTERISTICS - AGE 12 OR OLDER

	<u>Excell- ent</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Very Poor</u>	<u>Don't Know</u>	<u>N</u>
TOTAL	13.8	51.4	17.0	2.7	1.7	13.3	652
<u>SEX</u>							
Male	15.4	49.5	21.9	1.9	1.6	9.7	319
Female	12.3	53.3	12.3	3.6	1.8	16.8	334
<u>RACE</u>							
Black	14.0	47.8	24.2	3.9	1.1	9.0	178
White	13.7	53.7	14.8	2.5	2.1	13.2	438
Other	20.0	65.0	10.0	0.0	0.0	5.0	20
<u>AGE</u>							
12 – 17	8.5	61.0	22.0	1.2	1.2	6.1	82
18 - 29	14.0	44.9	27.9	1.5	0.0	11.8	136
30 - 44	17.3	51.5	13.8	4.6	2.6	10.2	196
45 - 64	11.8	56.6	13.2	2.0	2.0	14.5	152
65 and Over	16.9	49.3	9.9	2.8	2.8	18.3	71
<u>EDUCATION</u>							
Less than High School	16.9	53.1	14.4	3.1	1.9	10.6	160
High School Diploma	12.2	48.6	23.8	2.2	1.1	12.2	181
Some College	15.7	49.0	17.0	4.6	2.0	11.8	153
College Degree	11.6	58.2	12.3	0.7	2.1	15.1	146
<u>INCOME</u>							
Less than \$25,000	18.9	46.5	18.9	5.5	0.8	9.4	127
\$25,000-\$49,999	12.1	55.0	15.4	4.0	2.0	11.4	149
\$50,000-\$74,999	10.4	62.3	17.9	0.0	0.9	8.5	106
\$75,000 and Over	12.8	59.6	14.7	0.0	3.7	9.2	109
<u>TYPE OF AREA</u>							
Urban	13.4	55.7	18.0	2.1	1.5	9.3	194
Suburban	15.0	54.4	15.5	1.9	1.5	11.7	206
Rural	14.0	47.2	18.7	3.8	1.7	14.5	235
<u>REGION</u>							
Upstate	16.1	53.2	18.6	0.7	2.1	9.3	280
Midlands	14.6	49.7	18.1	2.5	1.5	13.6	199
Lowcountry	9.4	50.6	12.9	5.9	1.2	20.0	170

opinion on this item. Across regions, respondents from the Upstate had more positive overall impressions of trails, while a higher percentage of those from the Lowcountry gave a “don’t know” response to this item. Men were more likely than women to rate the overall quality of South Carolina’s trails as “fair,” while a higher percentage of women said they didn’t know. Across income groups, the responses of those with family incomes less than \$25,000 were distinct from those in other groups, with those in this lowest income group more likely to rate trails as “excellent” and less likely to rate them as “good.”

Developing Additional Trails

In addition to these questions on perceptions of trails, respondents were presented a set of items in which they were asked if the state of South Carolina was in the position to acquire or develop additional trails for various purposes (walking or hiking, off-highway vehicle riding, bicycling, and horseback riding) where priority should be given to developing these trails. Responses for the complete sample are presented in Table 30.

These results show that South Carolinians differentiate in their priority for the location of additional trails for various types of activities, with walking or hiking and bicycling being very similar, and off-highway vehicle riding and horseback riding showing different patterns. For both walking or hiking and bicycling, the largest percentage of respondents (close to one-third) thought that if the state of South Carolina was in the position to acquire or develop additional trails that priority should be given to developing these in local urban parks, followed by local parks in rural areas (about 22%), and state or national parks (approximately 20%). Less than 10% felt that such trails should be developed in state or national forests or on private land and relatively small percentages said that such trails should be developed in some other type of area, should not be developed, or did not know. In contrast, about one-fourth of respondents thought

TABLE 30

WHERE VARIOUS TYPES OF TRAILS SHOULD BE DEVELOPED

	<u>Walking or Hiking</u>	<u>Off-Highway Vehicle</u>	<u>Bicycling</u>	<u>Horseback Riding</u>
Local urban parks	30.4	10.3	34.8	7.6
Local parks in rural areas	22.3	22.5	22.2	23.3
State or national parks	21.6	14.2	18.1	24.9
State or national forests	8.9	5.8	5.2	10.9
Private land	3.6	20.8	4.3	14.7
Some other type of area	4.6	4.3	5.9	2.8
None	3.2	9.3	3.3	5.8
Don't know	5.6	13.4	6.2	10.0
(N=)	(807)	(805)	(808)	(805)

that additional trails for horseback riding should be developed in state or national parks or in local parks in rural areas. About 15% thought that horseback riding trails should be developed on private land, 10.9% felt they should be developed in state or national forests and only 7.6% believed they should be developed in urban parks. Ten percent said they did not know where horseback riding trails should be developed. Responses to the question on off-highway vehicle trails were distinct in that the largest percentage of respondents felt such trails should be developed in local parks in rural areas and a relatively high percentage (20.8%) thought they should be developed on private land. In addition, close to 10% said that no additional off-highway vehicle trails should be built and 13.4% said they did not know.

The breakdowns of responses to these questions by demographic subgroups are provided in Tables 31 through 34. While there are a number of statistically significant differences on these items, for the most part they are not large nor are there any distinct patterns that would indicate that certain subgroups believed that development of trails should be concentrated in a certain type of area.

Men were more likely than women to feel that trails for walking or hiking should be developed in state or national parks or state or national forests, while a higher percentage of women thought such trails should be developed in local urban parks. Men were also more likely to think that horseback riding trails should be developed in state or national parks or forests. Whites were more likely than blacks to believe that walking or hiking trails as well as bicycling trails should be developed in local urban parks, while more blacks thought such parks should be developed in local parks in rural areas. A lower percentage of whites than blacks and those of other races thought that trails for horseback riding should be developed on private land; a lower percentage of blacks thought such trails should be developed in state or national parks.

TABLE 31
WHERE WALKING/HIKING TRAILS SHOULD BE DEVELOPED BY DEMOGRAPHICS

	Local Urban <u>Parks</u>	Local Rural <u>Parks</u>	State/ Natl. <u>Parks</u>	State/ Natl. <u>Forests</u>	Private <u>Land</u>	Other <u>Areas</u>	<u>None</u>	Don't <u>Know</u>	<u>N</u>
TOTAL	30.4	22.3	21.6	8.9	3.6	4.6	3.2	5.6	807
<u>SEX</u>									
Male	27.2	20.6	27.4	11.7	4.2	3.1	2.3	3.4	383
Female	33.3	23.9	16.3	6.1	3.1	5.9	3.8	7.6	423
<u>RACE</u>									
Black	24.5	28.2	20.4	7.4	6.0	3.7	2.8	6.9	216
White	32.6	20.4	22.2	9.7	2.2	5.2	2.9	4.9	555
Other	27.3	22.7	22.7	4.5	13.6	0.0	9.1	0.0	22
<u>AGE</u>									
12 – 17	29.2	22.5	21.3	14.6	5.6	3.4	0.0	3.4	89
18 – 29	32.3	22.2	25.7	9.0	3.6	3.0	1.8	2.4	167
30 – 44	26.9	26.4	24.7	7.9	3.5	5.7	2.6	2.2	227
45 – 64	31.7	22.3	17.3	9.4	2.5	5.4	4.5	6.9	202
65 and Older	35.4	14.2	16.8	6.2	4.4	3.5	3.5	15.9	113
<u>EDUCATION</u>									
Less than HS	29.0	17.5	21.9	9.8	7.7	3.3	6.0	4.9	183
HS Diploma	29.6	20.4	21.3	11.3	5.0	3.8	1.7	7.1	240
Some College	33.0	25.8	18.6	7.2	1.0	6.7	2.1	5.7	194
College Degree	31.0	26.6	24.5	7.1	0.5	4.3	3.3	2.7	184
<u>INCOME</u>									
Less than \$25,000	30.4	16.1	23.8	7.7	7.7	6.0	4.8	3.6	168
\$25,000-\$49,999	29.1	34.6	17.0	6.0	2.7	4.4	1.1	4.9	182
\$50,000-\$74,999	34.4	24.0	17.6	16.8	2.4	3.2	0.0	1.6	125
\$75,000 or Over	33.6	23.0	23.0	11.5	1.6	4.1	1.6	1.6	122
<u>TYPE OF AREA</u>									
Urban	44.1	15.7	19.5	8.1	3.8	2.1	0.8	5.9	236
Suburban	31.5	17.9	23.9	10.4	0.8	8.0	3.6	4.0	251
Rural	19.9	31.4	20.8	8.0	5.8	3.5	4.2	6.4	312
<u>REGION</u>									
Upstate	27.6	19.5	26.7	7.8	6.0	5.1	3.6	3.6	333
Midlands	36.1	25.3	14.1	10.8	2.8	2.8	1.6	6.4	249
Lowcountry	28.3	23.3	21.9	8.2	0.9	5.9	4.1	7.3	219

TABLE 32
WHERE OFF-ROAD VEHICLE TRAILS SHOULD BE DEVELOPED BY DEMOGRAPHICS

	Local Urban <u>Parks</u>	Local Rural <u>Parks</u>	State/ Natl. <u>Parks</u>	State/ Natl. <u>Forests</u>	Private <u>Land</u>	Other <u>Areas</u>	<u>None</u>	Don't <u>Know</u>	<u>N</u>
TOTAL	10.3	22.5	14.2	5.8	20.2	4.3	9.3	13.4	805
<u>SEX</u>									
Male	8.9	23.5	17.2	8.1	18.8	5.7	9.9	7.8	383
Female	11.6	21.5	11.3	3.8	21.5	3.1	8.7	18.4	423
<u>RACE</u>									
Black	12.4	26.7	10.6	3.2	16.1	5.5	8.3	17.1	217
White	9.5	20.5	15.9	6.8	22.0	4.1	9.7	11.4	555
Other	8.3	37.5	8.3	8.3	16.7	0.0	12.5	8.3	24
<u>AGE</u>									
12 – 17	25.0	21.6	10.2	1.1	27.3	5.7	3.4	5.7	88
18 – 29	17.5	27.7	13.3	4.2	20.5	4.2	3.0	9.6	166
30 – 44	4.4	20.2	15.8	7.0	25.4	5.7	8.3	13.2	228
45 – 64	8.0	23.4	13.4	6.0	17.9	3.5	12.9	14.9	201
65 and Older	5.4	18.9	17.1	9.0	9.0	3.6	15.3	21.6	111
<u>EDUCATION</u>									
Less than HS	14.8	19.8	17.6	4.9	20.3	4.4	4.9	13.2	182
HS Diploma	8.8	20.6	14.7	8.4	23.1	2.9	7.1	14.3	238
Some College	10.8	22.6	11.8	5.1	19.5	6.7	9.2	14.4	195
College Degree	7.1	28.0	12.1	4.4	17.6	3.3	16.5	11.0	182
<u>INCOME</u>									
Less than \$25,000	13.1	25.0	12.5	3.6	20.2	7.1	6.5	11.9	168
\$25,000-\$49,999	11.5	24.2	17.0	6.6	23.6	2.7	5.5	8.8	182
\$50,000-\$74,999	8.1	25.0	13.7	8.9	25.0	5.6	5.6	8.1	124
\$75,000 or Over	4.9	32.8	16.4	6.6	13.9	3.3	13.9	8.2	122
<u>TYPE OF AREA</u>									
Urban	13.5	22.8	12.2	3.4	18.1	5.5	8.4	16.0	237
Suburban	7.6	22.1	15.7	8.4	20.5	3.6	10.0	12.0	249
Rural	9.9	23.1	14.4	5.8	21.8	4.2	8.7	12.2	312
<u>REGION</u>									
Upstate	8.4	23.1	16.8	7.5	20.7	5.1	8.4	9.9	333
Midlands	13.4	22.3	11.3	4.5	19.4	3.6	10.1	15.4	247
Lowcountry	9.6	22.9	12.4	5.0	20.6	3.7	9.6	16.1	218

TABLE 33
WHERE BICYCLING TRAILS SHOULD BE DEVELOPED BY DEMOGRAPHICS

	Local Urban <u>Parks</u>	Local Rural <u>Parks</u>	State/ Natl. <u>Parks</u>	State/ Natl. <u>Forests</u>	Private <u>Land</u>	Other <u>Areas</u>	<u>None</u>	Don't <u>Know</u>	<u>N</u>
TOTAL	34.8	22.2	18.1	5.2	4.3	5.9	3.3	6.2	808
<u>SEX</u>									
Male	33.6	20.1	20.1	6.8	4.7	6.3	3.1	5.5	384
Female	35.9	24.3	16.3	3.5	3.8	5.7	3.5	6.9	423
<u>RACE</u>									
Black	30.9	25.8	16.6	3.2	7.8	6.5	3.2	6.0	217
White	37.1	20.3	18.7	5.6	2.7	6.1	3.4	6.1	556
Other	25.0	16.7	25.0	16.7	8.3	0.0	0.0	8.3	24
<u>AGE</u>									
12 – 17	31.0	25.3	23.0	9.2	9.2	1.1	1.1	0.0	87
18 – 29	39.2	24.1	18.7	7.2	2.4	5.4	0.6	2.4	166
30 – 44	33.2	23.5	19.5	5.8	4.4	6.2	3.1	4.4	226
45 – 64	39.6	19.8	14.9	3.5	3.0	8.4	4.0	6.9	202
65 and Older	28.8	18.0	17.1	1.8	4.5	5.4	6.3	18.0	111
<u>EDUCATION</u>									
Less than HS	24.3	25.4	22.7	8.3	8.3	1.7	5.0	4.4	181
HS Diploma	33.6	24.1	14.1	5.8	5.0	7.9	2.9	6.6	241
Some College	39.5	17.9	18.5	4.6	2.1	8.7	2.6	6.2	195
College Degree	42.6	20.8	19.1	1.6	1.6	4.9	2.7	6.6	183
<u>INCOME</u>									
Less than \$25,000	30.2	21.3	17.2	7.1	7.7	5.9	4.7	5.9	169
\$25,000-\$49,999	37.0	25.4	15.5	7.2	1.7	3.9	2.2	7.2	181
\$50,000-\$74,999	47.2	21.3	16.5	0.8	2.4	9.4	0.8	1.6	127
\$75,000 or Over	38.2	26.0	19.5	3.3	1.6	7.3	0.8	3.3	123
<u>TYPE OF AREA</u>									
Urban	43.4	19.1	15.7	4.7	6.4	3.8	1.3	5.5	235
Suburban	39.7	17.9	19.8	1.6	3.2	6.7	4.8	6.3	252
Rural	25.1	28.0	19.0	8.0	3.5	7.1	3.2	6.1	311
<u>REGION</u>									
Upstate	32.0	20.4	18.3	7.5	5.7	6.6	3.3	6.3	334
Midlands	39.1	23.4	15.3	3.2	4.8	5.6	2.8	5.6	248
Lowcountry	34.4	24.3	20.2	3.7	1.4	5.5	3.7	6.9	218

TABLE 34
WHERE HORSEBACK RIDING TRAILS SHOULD BE DEVELOPED BY DEMOGRAPHICS

	Local Urban <u>Parks</u>	Local Rural <u>Parks</u>	State/ Natl. <u>Parks</u>	State/ Natl. <u>Forests</u>	Private <u>Land</u>	Other <u>Areas</u>	<u>None</u>	Don't <u>Know</u>	<u>N</u>
TOTAL	7.6	23.3	24.9	10.9	14.7	2.8	5.8	10.0	805
<u>SEX</u>									
Male	6.8	20.7	27.5	16.0	13.9	2.9	5.0	7.3	382
Female	8.5	25.6	22.5	6.2	15.4	2.8	6.4	12.6	422
<u>RACE</u>									
Black	10.6	22.1	17.5	10.1	19.8	1.8	6.0	12.0	217
White	6.5	24.9	27.7	11.5	11.5	3.2	5.4	9.2	555
Other	8.3	4.2	33.3	8.3	25.0	4.2	4.2	12.5	24
<u>AGE</u>									
12 – 17	14.9	21.8	27.6	4.6	18.4	2.3	3.4	6.9	87
18 – 29	7.3	18.2	27.9	10.9	21.8	1.2	4.2	8.5	165
30 – 44	7.1	21.2	30.1	11.9	14.6	3.5	4.9	6.6	226
45 – 64	6.9	30.5	20.2	13.3	8.4	3.4	6.9	10.3	203
65 and Older	6.2	23.0	18.6	9.7	13.3	3.5	6.2	19.5	113
<u>EDUCATION</u>									
Less than HS	9.8	19.1	25.7	9.8	17.5	2.7	6.0	9.3	183
HS Diploma	5.0	20.6	20.6	15.1	18.1	4.2	6.3	10.1	238
Some College	5.7	27.5	27.5	7.8	15.5	1.0	3.6	11.4	193
College Degree	10.5	27.1	27.6	9.9	7.2	2.8	6.1	8.8	181
<u>INCOME</u>									
Less than \$25,000	8.3	18.5	26.2	9.5	20.2	3.0	7.7	6.5	168
\$25,000-\$49,999	7.2	28.9	25.0	12.8	10.0	4.4	2.2	9.4	180
\$50,000-\$74,999	7.9	28.6	23.0	17.5	12.7	3.2	0.8	6.3	126
\$75,000 or Over	6.6	27.3	31.4	9.1	12.4	0.8	5.8	6.6	121
<u>TYPE OF AREA</u>									
Urban	10.7	20.6	27.0	8.2	16.7	0.9	3.9	12.0	233
Suburban	7.6	22.7	23.9	13.1	13.1	3.2	7.2	9.2	251
Rural	5.2	26.5	24.5	11.6	14.2	3.9	5.2	9.0	310
<u>REGION</u>									
Upstate	6.3	21.6	25.4	13.2	14.7	2.7	7.2	9.0	334
Midlands	9.3	24.6	23.4	13.3	14.1	2.0	3.6	9.7	248
Lowcountry	7.3	25.1	26.5	5.0	14.2	4.1	5.9	11.9	219

Across age groups, the most consistent difference was that older respondents were more likely to say they did not know where various types of trails should be developed. In addition, a higher percentage of respondents ages 45 to 64 and those 65 or older felt that no additional trails for off-highway vehicle riding should be developed. Younger people, particularly those ages 12 to 17, said that off-road vehicle trails should be developed in local parks in urban areas, and the youngest age group was also more likely to think that horseback riding trails should be developed in local urban parks.

Respondents with more education were more likely to say that bicycling trails should be developed in local parks in urban areas. The type of area in which a respondent lived also affected their responses to these items, in that those who lived in urban areas were more likely to say that trails for walking or hiking or for bicycling should be developed in local parks in urban areas, while a higher percentage of those from rural areas thought such trails should be developed in local parks in rural locations. Across regions, a difference was found in priorities for developing walking or hiking trails, with Midlands residents more likely to feel such trails should be developed in local parks in urban areas and a higher percentage of those from the Upstate believing that such trails should be developed in state or national parks.

Summary

South Carolinians take advantage of the diversity of activities for which trails in the state can be used. Over the past twelve months, significant percentages of the state's residents age 12 or older have used state trails for recreational activities such as walking (27.3%), off-highway vehicle riding (16.8%), hiking (14.5%), jogging or running (8.2%), bicycling (6.6%), float trips (3.5%), horseback riding (2.7%), and skateboarding or in-line skating (0.7%). All subgroups of the

population avail themselves of the state's trails, with differences in participation among groups varying by type of activity. The most consistent groups difference in trail use is by age, with younger people more likely to engage in a variety of activities on trails than older people, particularly those age 65 or older.

Generally speaking, the public has a very positive impression of trails in the state. There is little in these survey results to suggest that South Carolinians feel that trails are too crowded. They also believe trails are well maintained and feel that the overall quality of trails in "good" or "excellent."

APPENDIX

QUESTIONNAIRE (FIELD VERSION)

S.C. DEPARTMENT OF PARKS, RECREATION & TOURISM

Trails Survey

Field Version – 2/24/03

"Hello, this is _____ calling for the University of South Carolina. This month the University is conducting a confidential study about outdoor recreation and leisure-time activities, and we'd really appreciate your help and cooperation.

"Now, to determine who to interview ... of the people who currently live in your household who are 12 or older - including yourself - we would like to interview the one who will have the next birthday. Would that be you or someone else?"

(WHEN SELECTED RESPONDENT IS ON THE PHONE): The purpose of this study is to identify ways to improve recreational opportunities in South Carolina. Your telephone number was chosen scientifically and we would like your help to make the study as accurate as possible. All information will be kept strictly confidential and the results will be reported in summary form, so no individual information will be reported.

Your cooperation is voluntary. You may stop me at any time, and if there are any questions you would rather not answer, let me know and we will go to the next question. The interview should take approximately 10 to fifteen minutes to complete."

"First, I'm going to ask about some recreational activities available in South Carolina. For each activity, please tell me if you've participated in that activity at any time in the last 12 months?"

1a. "How many times have you been walking for pleasure or exercise outdoors in the past twelve months?"

____ (RECORD NUMBER)
000. NONE ----- GO TO Q.5a
996. 996 OR MORE

1b. "And how about in the state of South Carolina ... how many times have you been walking outdoors for pleasure or exercise in South Carolina in the past twelve months?"

____ (RECORD NUMBER)
000. NONE ----- GO TO Q.5a
996. 996 OR MORE

1c. "The last time you went walking in South Carolina, in what county did you do most of your walking?"

RECORD COUNTY _____
98. DK (PROBE: ASK FOR THE NEAREST TOWN)

2. "And when you walked in South Carolina, did you mostly walk for pleasure or exercise on streets, sidewalks, parks, running tracks, trails, or other areas?"

- 1. STREETS/ROADS
- 2. SIDEWALKS
- 3. PARKS
- 4. RUNNING TRACKS
- 5. TRAILS ----- GO TO Q.4a
- 6. MALL
- 7. OTHER (SPECIFY): _____
- 8. DK (PROBE: REPEAT QUESTION)

3. (IF NOT "TRAILS" IN Q.2): "During the past twelve months, have you done any walking for pleasure in South Carolina on a trail, such as a nature trail or hiking trail?"

- 1. YES
- 2. NO ----- GO TO Q.4b
- 3. DK (PROBE: REPEAT QUESTION) ----- GO TO Q.4b

4a. "In the past twelve months, have you done any walking for pleasure or exercise (in South Carolina):

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, or hunt club	1	2	3

4b. "The last time you walked for pleasure or exercise (in South Carolina), was walking the primary recreational activity or was this part of some other recreational activity?"

- 1. WALKING PRIMARY ACTIVITY
- 2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

5a. "How many times have you jogged or run outdoors in the past twelve months?"

_____ (RECORD NUMBER)

- 000. NONE ----- GO TO Q.9
- 996. 996 OR MORE

5b. "And how about in the state of South Carolina ... how many times have you jogged or run outdoors in South Carolina in the past twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.9

996. 996 OR MORE

998. DK (PROBE: "Approximately how many times have you jogged or run in South Carolina?")

5c. "The last time you went jogging or running in South Carolina, in what county did you do most of this activity (jogging or running)?"

RECORD COUNTY _____

98. DK (PROBE: ASK FOR THE NEAREST TOWN)

6. "And when you jogged or ran in South Carolina, did you mostly jog or run on streets, sidewalks, parks, running tracks, trails, or other areas?"

1. STREETS/ROADS

2. SIDEWALKS

3. PARKS

4. RUNNING TRACKS

5. TRAILS ----- GO TO Q.8a

6. OTHER (SPECIFY): _____

7. DK (PROBE: REPEAT QUESTION)

7. (IF NOT "TRAILS" IN Q.6): "During the past twelve months, have you done any jogging or running in South Carolina on a trail, such as a nature trail or hiking trail?"

1. YES

2. NO ----- GO TO Q.8b

3. DK (PROBE: REPEAT QUESTION) ----- GO TO Q.8b

8a. "In the past twelve months, have you done any jogging or running (in South Carolina):

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, or hunt club	1	2	3

8b. "The last time you jogged or ran (in South Carolina), was jogging or running the primary recreational activity or was this part of some other recreational activity?"

1. JOGGING OR RUNNING PRIMARY ACTIVITY
2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

9. "How many times have you gone hiking in the last twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.11
996. NINETY-SIX OR MORE

9b. "And how about in the state of South Carolina ... how many times have you gone hiking in South Carolina in the past twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.11
996. NINETY-SIX OR MORE
998. DK (PROBE: "Approximately how many times have you gone hiking in South Carolina?")

9c. "The last time you went hiking in South Carolina, in what county did you do most of your hiking?"

RECORD COUNTY _____

98. DK (PROBE: ASK FOR THE NEAREST TOWN)

10a. "In the past twelve months, have you done any hiking (in South Carolina):

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, or hunt club	1	2	3

10b. "The last time you went hiking in South Carolina, was hiking the primary recreational activity or was this part of some other recreational activity?"

1. HIKING PRIMARY ACTIVITY
2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

11. "How many times have you been bicycling outdoors in the past twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.14
996. NINETY-SIX OR MORE

11b. "And how about in the state of South Carolina ... how many times have you been bicycling outdoors in South Carolina in the past twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.14
998. DK (PROBE: "Approximately how many times have you gone bicycling in South Carolina?") ----- GO TO Q.12

11c. "The last time you went bicycling in South Carolina, in what county did you do most of your biking?"

RECORD COUNTY _____

98. DK (PROBE: ASK FOR THE NEAREST TOWN)

11d. "And when you bicycled in South Carolina did you mostly bicycle on streets, sidewalks, parks, trails, or other areas?"

1. STREETS/ROADS
2. SIDEWALKS
3. PARKS
4. TRAILS ----- GO TO Q.12
6. OTHER (SPECIFY): _____
7. DK (PROBE: REPEAT QUESTION)

11e. (IF NOT "TRAILS" IN Q.11d): "During the past twelve months, have you done any bicycling in South Carolina on a trail, such as a nature trail or hiking trail?"

- 1. YES
- 2. NO ----- GO TO Q.13
- 3. DK (PROBE: REPEAT QUESTION) ----- GO TO Q.13

12. "In the past twelve months, have you done any bicycling (in South Carolina):

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, or hunt club	1	2	3

13. "The last time you went bicycling (in South Carolina), was bicycling the primary recreational activity or was this part of some other recreational activity?"

- 1. BICYCLING PRIMARY ACTIVITY
- 2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

14. "About how many times have you been skateboarding or in-line skating outdoors in the past twelve months?"

_____ (RECORD NUMBER)

- 000. NONE ----- GO TO Q.18
- 996. 996 OR MORE

15. "And how about in the state of South Carolina ... how many times have you been skateboarding or in-line skating outdoors in South Carolina in the past twelve months?"

_____ (RECORD NUMBER)

- 000. NONE ----- GO TO Q.18
- 998. DK (PROBE: "Approximately how many times have you been skateboarding or in-line skating in South Carolina?")

15a. "The last time you went skateboarding or in-line skating outdoors in South Carolina, in what county did you do most of this activity?"

RECORD COUNTY _____

98. DK (PROBE: ASK FOR THE NEAREST TOWN)

15b. "And when you went skateboarding or in-line skating outdoors in South Carolina did you do this activity mostly on streets, sidewalks, parks, parking lots, trails, or other areas?"

1. STREETS/ROADS
2. SIDEWALKS
3. PARKS
4. PARKING LOTS
5. TRAILS ----- GO TO Q.15d
6. MALL
7. OTHER (SPECIFY): _____
8. DK (PROBE: REPEAT QUESTION)

15c. (IF NOT "TRAILS" IN Q.15b): "During the past twelve months, have you done any skateboarding or in-line skating in South Carolina on a trail, such as a nature trail, hiking trail, or greenway?"

1. YES
2. NO ----- GO TO Q.16
3. DK (PROBE: REPEAT QUESTION) ----- GO TO Q.16

15d. "In the past twelve months, have you done any skateboarding or in-line skating (in South Carolina):

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, or hunt club	1	2	3

16. "The last time you went skateboarding or in-line skating outdoors (in South Carolina), was this your primary recreational activity or was this part of some other activity?"

1. SKAYEBOARDING PRIMARY ACTIVITY
2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

18. "How many times have you gone horseback riding in the past twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.21a

996. 996 OR MORE

19a. "And how about in the state of South Carolina many times have you gone horseback riding in South Carolina in the past twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.21a

996. 996 OR MORE

998. DK (PROBE: "Approximately how many times have you gone horseback riding in South Carolina?")

19b. "How many times did you:

i. ride in a horse show or event (in South Carolina in the past twelve months) _____

ii. trail ride (in South Carolina in the past twelve months) _____

YES NO DK

(IF NO TRAIL RIDING, GO TO Q.19b.v)

iii. did you do any horseback riding on a **trail** on public land, such as a park or state forest

1 2 3

iv. did you do any horseback riding on a **trail** on private land, such as a farm, family land, or hunt club

1 2 3

v. do some other type of recreational horseback riding (in South Carolina in the past twelve months) _____

19c. "The last time you went horseback riding in South Carolina, in what county did you do most of your riding?"

RECORD COUNTY _____

98. DK (PROBE: ASK FOR THE NEAREST TOWN)

20. "The last time you went horseback riding (in South Carolina), was this the primary recreational activity or was this part of some other recreational activity?"

1. HORSEBACK RIDING PRIMARY ACTIVITY

2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

21a. "How many times have you gone off-highway vehicle riding in the past twelve months?"

_____ (RECORD NUMBER)

- 000. NONE ----- GO TO Q.34
- 996. 996 OR MORE

21b. "And how many times have you gone off-highway vehicle riding in the state of South Carolina in the past twelve months?"

_____ (RECORD NUMBER)

- 000. NONE ----- GO TO Q.34
- 996. 996 OR MORE
- 998. DK (PROBE: "Approximately how many times have you gone off-highway vehicle riding in South Carolina?")

21c. "The last time you went off-highway vehicle riding in South Carolina, in what county did you do most of your riding?"

RECORD COUNTY _____

- 98. DK (PROBE: ASK FOR THE NEAREST TOWN)

"Now I'd like ask about some specific types of off-highway vehicle riding in South Carolina."

22. "In the past twelve months, have you done any off-highway vehicle riding (in South Carolina) on an all terrain vehicle (ATV)?"

- 1. YES
- 2. NO ----- GO TO Q.25
- 3. DK (PROBE: "Have you done any off-highway riding on an ATV?")-GO TO Q.25

23. "In the past twelve months, have you done any off-highway vehicle riding (in South Carolina) on an all-terrain vehicle (ATV):

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, hunt club, or private utility right of way	1	2	3
iii. at an off-road vehicle park (OHV)	1	2	3
iv. on some other type of land	1	2	3

(SPECIFY): _____ (PROBE: "Was that private or public land?")

24. "The last time you went off-highway vehicle riding on an ATV (in South Carolina), was riding your primary recreational activity or was this part of some other activity such as hunting, camping, farming, or some work-related activity?"

1. OFF-HIGHWAY VEHICLE RIDING PRIMARY ACTIVITY
2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

25. "In the past twelve months, have you done any off-highway vehicle riding (in South Carolina) on a motorcycle?"

1. YES
2. NO ----- GO TO Q.28
3. DK (PROBE: "Have you done any off-highway riding on a motorcycle?") ----- GO TO Q.28

26. "In the past twelve months, have you done any off-highway vehicle riding (in South Carolina) on a motorcycle:

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, hunt club, or private utility right of way	1	2	3
iii. at an off-road vehicle park (OHV)	1	2	3
iv. on some other type of land	1	2	3

(SPECIFY): _____ (PROBE: "Was that private or public land?")

27. "The last time you went off-highway riding on a motorcycle (in South Carolina), was riding your primary recreational activity or was this part of some other activity such as hunting, camping, farming, or some work-related activity?"

1. OFF-HIGHWAY RIDING PRIMARY ACTIVITY
2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

28. "In the past twelve months, have you done any off-highway vehicle riding (in South Carolina) in a truck, Jeep, or SUV (sport utility vehicle)?"

1. YES
2. NO ----- GO TO Q.31a
3. DK (PROBE: "Have you done any off-highway riding in a truck or SUV?") ----- GO TO Q.31a

29. "In the past twelve months, have you done any off-highway vehicle riding (in South Carolina) in a truck, Jeep, or SUV:

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, hunt club, or private utility right of way	1	2	3
iii. at an off-road vehicle park (OHV)	1	2	3
iv. on some other type of land	1	2	3

(SPECIFY): _____ (PROBE: "Was that private or public land?")

30. "The last time you went off-highway riding in a truck, Jeep, or SUV (in South Carolina), was riding your primary recreational activity or was this part of some other activity such as hunting, camping, farming, or some work-related activity?"

1. OFF-HIGHWAY RIDING PRIMARY ACTIVITY
2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

31a. "In the past twelve months, have you done any off-highway vehicle riding (in South Carolina) on any other type of vehicle?"

1. YES
2. NO ----- GO TO Q.34
3. DK (PROBE: "Have you done any off-highway riding on any other type of vehicle?") ----- GO TO Q.34

31b. ""What type of vehicle was that?"

SPECIFY: _____

32. "In the past twelve months, have you done any off-highway vehicle riding (in South Carolina) on a (ANSWER TO Q.31b)?"

	<u>YES</u>	<u>NO</u>	<u>DK</u>
i. on a trail on public land, such as a park or state forest	1	2	3
ii. on a trail on private land, such as a farm, family land, hunt club, or private utility right of way	1	2	3
iii. at an off-road vehicle park (OHV)	1	2	3
iv. on some other type of land	1	2	3

(SPECIFY): _____ (PROBE: "Was that private or public land?")

33. "The last time you went off-highway riding on some other type of vehicle (in South Carolina), was riding your primary recreational activity or was part of some other activity such as hunting, camping, farming, or some work-related activity?"

1. OFF-HIGHWAY RIDING PRIMARY ACTIVITY
2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

34. "How many times have you gone canoeing, kayaking, or river rafting in the past twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.38a
 996. 996 OR MORE

35. "And how about in the state of South Carolina ... how many times have you gone canoeing, kayaking, or river rafting in South Carolina in the past twelve months?"

_____ (RECORD NUMBER)

000. NONE ----- GO TO Q.38a
 996. 996 OR MORE
 998. DK (PROBE: "Approximately how many times have you gone canoeing, kayaking, or river rafting in South Carolina?")

36a. "The last time you went canoeing, kayaking, or river rafting in South Carolina, in what county did you begin your float trip?"

RECORD COUNTY _____

98. DK (PROBE: ASK FOR THE NEAREST TOWN)

36b. "And did you put your canoe, kayak, or raft into the water from private land or a public location?"

1. PRIVATE LAND
2. PUBLIC LOCATION ----- GO TO Q.36d
3. DON'T KNOW (DO NOT PROBE) ----- GO TO Q.36e

36c. "Was this from a trail on private land?"

1. YES ----- GO TO Q.36e
2. NO ----- GO TO Q.36e
3. DON'T KNOW (DO NOT PROBE) ----- GO TO Q.36e

36d. "Was this from a public trail?"

1. YES
2. NO
3. DON'T KNOW (DO NOT PROBE)

36e. "And was this on a river, stream, lake, coastal marsh, or the ocean?"

1. RIVER
2. STREAM
3. LAKE
4. COASTAL MARSH
5. OCEAN
6. OTHER (SPECIFY: _____)
7. DON'T KNOW (PROBE: REPEAT CHOICES)

37. "The last time you went canoeing, kayaking, or river rafting (in South Carolina), was this your primary recreational activity or was this part of some other activity?"

1. CANOEING/KAYAKING/RAFTING PRIMARY ACTIVITY
2. DONE AS PART OF SOME OTHER ACTIVITY (PROBE: "What type of activity is that?" _____)

38a. "You have told me you have (INSERT WHATEVER ACTIVITIES R HAS DONE ON TRAILS) on trails in South Carolina in the past twelve months. The last time you used a trail did you travel 50 miles or more from your home for this activity or was this activity done less than 50 miles from your home?"

1. TRAVEL 50 MILES OR MORE
2. LESS THAN 50 MILES
3. DK (PROBE: "Do you think it was 50 miles or more from your home?")

38b. "In your experience, would you say that the trails in South Carolina are very crowded, crowded, not too crowded, or not at all crowded?"

1. VERY CROWDED
2. CROWDED
3. NOT TOO CROWDED
4. NOT AT ALL CROWDED
5. DON'T KNOW (PROBE: "In general ...")
6. HAVE NOT USED TRAILS IN SOUTH CAROLINA (VOL.) – GO TO Q.42

39. "And would you say the trails in South Carolina are very well maintained, well maintained, poorly maintained, or very poorly maintained?"

1. VERY WELL MAINTAINED
2. WELL MAINTAINED
3. POORLY MAINTAINED
4. VERY POORLY MAINTAINED
5. DON'T KNOW (PROBE: "In general ...")

40. "Overall, how would you rate the quality of the trails in South Carolina ... would you say they are excellent, good, fair, poor, or very poor?"

1. EXCELLENT
2. GOOD
3. FAIR
4. POOR
5. VERY POOR
6. DON'T KNOW (PROBE: "In general ...")

41. "What do you think should be done to improve trails in South Carolina?"

RECORD VERBATIM: _____

"Anything else?" _____

"On a different topic ..."

42. "If the state of South Carolina was in the position to acquire or develop additional trails for walking or hiking, do you think priority should be given to developing these trails in ... (READ 1 THRU 6)

1. local urban parks.
2. local parks in rural areas,
3. state or national parks,
4. state or national forests,
5. private land,
6. some other type of area?" (SPECIFY) _____
7. NONE
8. DON'T KNOW (PROBE: "In general ...")

43a. “And if the state of South Carolina was in the position to acquire or develop additional trails for off-highway vehicle riding, do you think priority should be given to developing these trails in ... (READ 1 THRU 6)

1. local urban parks.
2. local parks in rural areas,
3. state or national parks,
4. state or national forests,
5. private land,
6. some other type of area?” (SPECIFY) _____
7. NONE
8. DON’T KNOW (PROBE: “In general ...”)

43b. “If the state of South Carolina was in the position to acquire or develop additional trails for bicycling, do you think priority should be given to developing these trails in ... (READ 1 THRU 6)

1. local urban parks.
2. local parks in rural areas,
3. state or national parks,
4. state or national forests,
5. private land,
6. some other type of area?” (SPECIFY) _____
7. NONE
8. DON’T KNOW (PROBE: “In general ...”)

43c. “If the state of South Carolina was in the position to acquire or develop additional trails for horseback riding, do you think priority should be given to developing these trails in ... (READ 1 THRU 6)

1. local urban parks.
2. local parks in rural areas,
3. state or national parks,
4. state or national forests,
5. private land,
6. some other type of area?” (SPECIFY) _____
7. NONE
8. DON’T KNOW (PROBE: “In general ...”)

"Now a few final questions..."

44. "Do you live in an urban, suburban, or rural area of South Carolina?"

1. URBAN (INSIDE CITY LIMITS)
2. SUBURBAN (JUST OUTSIDE CITY LIMITS)
3. RURAL (AWAY FROM A CITY)
4. DK (PROBE: "How would you describe it?")

45. "Do you or anyone in your household own an all-terrain vehicle (ATV)? (IF YES): How many ATVs are there in your household?"

___ __ RECORD NUMBER

00. NONE
98. DK

46a. "And do you or anyone in your household own a motorcycle used for off-road vehicle riding? (IF YES): How many off-road motorcycles are there in your household?"

___ __ RECORD NUMBER

00. NONE
98. DK

46b. "And do you or anyone in your household own a canoe or kayak?" (IF YES): How many canoes or kayaks are there in your household?"

___ __ RECORD NUMBER

00. NONE
98. DK

47. "What is the highest grade of school or year of college that you actually finished and got credit for?"

_____ RECORD GRADE

00. NO FORMAL SCHOOLING
98. DK

48. "What is your age?"

_____ CODE EXACT NUMBER OF YEARS (E.G., 45)

96. NINETY-SIX YEARS OF AGE OR OLDER

97. REFUSED

98. DK

49. "What is your race? (PROBE BY READING CHOICES IF NECESSARY)

1. BLACK; AFRICAN-AMERICAN

2. WHITE; CAUCASIAN

3. HISPANIC; PUERTO RICAN; MEXICAN OR SPANISH-AMERICAN

4. NATIVE AMERICAN; AMERICAN INDIAN

5. ASIAN; ORIENTAL

6. OTHER (SPECIFY): _____

50. "How many of the persons who currently live in your household are under 12 years of age, including babies and small children?"

_____ RECORD NUMBER

7. SEVEN OR MORE

8. DK

51. "Including yourself, how many people aged 12 or older are currently living in your household?"

_____ RECORD NUMBER

7. SEVEN OR MORE

8. DK

52. "How much total income did you and your family receive in 2002, not just from wages or salaries but from all sources -- that is, before taxes and other deductions were made. Was it...

(READ CATEGORIES)

01. Less than \$5,000
02. \$5,000 - 9,999
03. \$10,000 - 14,999
04. \$15,000 - 19,999
05. \$20,000 - 24,999
06. \$25,000 - 29,999
07. \$30,000 - 34,999
08. \$35,000 - 39,999
09. \$40,000 - 44,999
10. \$45,000 - 49,999
11. \$50,000 - 74,999
12. \$75,000 - 99,999
13. \$100,000 and over

14. REFUSED

15. DON'T KNOW (PROBE: "Just approximately...")

53. "Not counting cell phones, business lines or extension phones, faxes or modems -- on how many different telephone numbers can your household be reached?"

1. ONE
2. TWO
3. THREE
4. FOUR
5. FIVE
6. SIX
7. SEVEN OR MORE

8. DK

54. "And what is your zip code?" RECORD _____

55. RECORD SEX: 1. MALE
 2. FEMALE

"That's all the questions I have. Thank you for your cooperation."