

# **Participation in Local Park and Recreation Activities in Maryland**

**A Survey of Households in Maryland and  
Seven Sub-State Regions**

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## EXECUTIVE SUMMARY

Random samples of 400 households in each of seven regions of Maryland were surveyed in January 2003 to provide information about participation in local park and recreation activities to assist local parks agencies in updating their master plans for parks, recreation and open space. The seven regions were:

1. Western Maryland (Garrett, Allegany, Washington, and Frederick Counties)
2. Baltimore Suburbs ( Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties)
3. Baltimore City
4. Washington Suburbs (Montgomery and Prince George's Counties)
5. Southern Maryland (Charles, Calvert, and St. Mary's Counties)
6. Upper Eastern Shore (Cecil, Talbot, Caroline, Kent, and Queen Anne's Counties)
7. Lower Eastern Shore (Dorchester, Wicomico, Worcester, and Somerset Counties)

The survey provided information on the levels and frequency of participation by household members and individuals in 83 park and recreation activities as well as opinions about the adequacy of 11 different kinds of parks and recreation facilities in their counties. Data for the state and each region are presented for all households and separately for households with no children and for those with children under 18 years old.

In general, people reported that they and members of their households were frequent users of local parks and recreation facilities. Over two thirds of Maryland *households* contain members that walk and someone in three of every five households attends a fair or festival in a local park. More people engaged in individual, family or group activities than participated in organized sports. Attending fairs and festivals (55.8%), walking (49.5%), swimming (45.6%) picnicking (37%), visiting playgrounds (34%), and going to outdoor concerts (26.9%) engaged the largest percentages of *individuals* across the state. While large percentages of the population participated in these activities, walking and swimming were the only ones that individuals did more than ten times a year—23 times for walkers; 11 times each for swimmers.

Playground visitors averaged nine visits a year, picnicker's averaged slightly fewer than four occasions a year, and those that attended outdoor concerts did so three times. A fourth of Marylanders hiked an average of seven times a year, and one of every six residents biked for recreation and pleasure an average of eleven times each.

Basketball was the only court or field sport that ranks among the top ten activities of Maryland parks users. Fourteen percent played basketball an

average of 19 times a year. Fewer than ten percent of Marylanders participated in organized any single field sport, such as baseball, softball, football, and soccer, but they engaged in those activities frequently. The 9.5 percent of Marylanders that played soccer turned out an average of 21 times a year for practice and games.

Frequency of use is an important component in planning for facilities. *Also, in planning for multi-use facilities such as fields used for football, soccer, field hockey and lacrosse, park planners will need to consider the cumulative demand represented by all such activities in light of their experience with local facilities and scheduling.*

There was considerable variation in the recreational preferences among the seven regions of the State. Fairs and festivals attracted 63 percent of Western Marylanders, but only 40 percent of those living in the Washington Suburbs. Baltimore City led all regions in its percentage of basketball players and outdoor concert-goers. Fishing made the top ten lists in Western Maryland, Southern Maryland, and the Upper Eastern Shore, but not in other regions, and power boating was among the ten favorite activities of individuals in Southern Maryland, and the two Eastern Shore regions. Dog exercising beat out basketball in Western Maryland, Suburban Baltimore, Southern Maryland, and Upper and Lower Eastern Shore. And hunting made the list of top ten activities in Western Maryland and the Upper Eastern Shore.

When asked their opinions of the adequacy of eleven different types of facilities, a majority (53.6%) of respondents in the statewide sample said there were not enough bike lanes along roads. Large percentages in Western Maryland (64%) and Southern Maryland (62.8%) said their counties did not have enough bike lanes and over half of the respondents in all regions except Suburban Washington concurred.

Roughly four of every ten Marylanders said there were not enough indoor recreation facilities and swimming pools, and three in ten said there were not enough trails and pathways, playgrounds, and picnic facilities. More than a fourth opined that their counties did not have enough parks for recreation and leisure, dog parks, and boating and waterfront facilities. But only 13 percent of the respondents in the State said there were not enough golf courses.

A large majority of Southern Marylanders (61.8%) said there were not enough swimming pools in their counties, a view shared by majorities in the Upper and Lower Eastern Shore. Majorities in these three regions also said their counties did not have enough indoor recreation facilities. High percentages of Baltimore City residents said the City did not have enough indoor facilities (46%), swimming pools (46%), and picnic areas (44%). In Suburban Baltimore, 45 percent said there were not enough natural and wildlife areas. Dog parks were the only facility about which a large percentage (27%) said they did not know

whether there were enough, or expressed no opinion.

The report summarizes and compares state and regional survey results, suggests guidelines for using the data in making plans for parks, recreation facilities, and open space, and presents tables for the state and each of the seven regions. The survey is a tool, not an answer. It provides a baseline of participation in park and recreation activities in 2002. It is not a forecast of need or demand, although it provides data that can help in making estimates, within broad limits. It provides information that is most effective when used to complement local census and administrative data and the experience-based judgment of parks professionals and community participants.

# A SURVEY OF PARK AND RECREATION ACTIVITIES IN MARYLAND

## INTRODUCTION

In January 2003, 2800 Maryland households were surveyed to provide information about their participation in local park and recreation activities. The purpose of the survey was to assist local parks agencies in updating their master plans for parks, recreation and open space, as required by state law.

The survey instrument was designed by the Maryland Institute for Policy Analysis and Research and the Center for Urban Environmental Research and Education of the University of Maryland, Baltimore County, in consultation with a committee of parks planners convened by the Maryland Departments of Planning and Natural Resources.

The Maryland Institute for Policy Analysis and Research and the Center for Urban Environmental Research and Education contracted with Mason-Dixon Polling and Research, Inc., to conduct a survey of 400 households in each of seven regions of the state. A random sample drawn for each region approximated the distribution of households among the counties making up the region. Each regional sample has a margin of error of plus or minus five percent. This means that if the survey were conducted again with a randomly drawn sample of the same size, the results obtained would be, 95 times out of 100, within five percent of those reported here. In addition, a statewide sample of 1105 was drawn from the 2800 responses, weighted to reflect the geographic distribution of the state's households. The margin of error for the statewide sample is three percent. Mason-Dixon used a Computer Assisted Telephone Interviewing (CATI) system that randomly selects telephone numbers to ensure that a sample is representative of the state or region. Interviews averaged 17 minutes in length.

The seven regions used in this survey were:

1. Western Maryland (Garrett, Allegany, Washington, and Frederick Counties)
2. Baltimore Suburbs ( Anne Arundel, Baltimore, Carroll, Harford, and Howard Counties)
3. Baltimore City
4. Washington Suburbs (Montgomery and Prince George's Counties)
5. Southern Maryland (Charles, Calvert, and St. Mary's Counties)
6. Upper Eastern Shore (Cecil, Talbot, Caroline, Kent, and Queen Anne's Counties)
7. Lower Eastern Shore (Dorchester, Wicomico, Worcester, and Somerset Counties)

Respondents were asked about the characteristics of their households, the number of household members that participated in 13 categories of park and recreation activities, and the total number of times all household members participated during the past year. Responses to these questions provided information on 83 activities. People were also asked their opinion of the adequacy of 11 different kinds of parks and recreation facilities in their counties.

This report describes the results of the statewide survey first and then the results for each region. Each section contains the following tables:

1. The Ten Most Popular Activities of Households
2. Other Activities Attracting Participants from 10 Percent or More of Households
3. Activities Attracting Participants from 2 to 10 Percent of Households
4. Park and Recreation Activities in Descending Order of the Number of User-Occasions Required to Accommodate Participants in Each Activity Category—All Households
5. Park and Recreation Activities in Descending Order of User-Occasions Required to Accommodate Participants in Each Activity Category—Adult Households
6. Park and Recreation Activities in Descending Order of Number of User-Occasions Required to Accommodate Participants in Each Activity Category—Households with Children Under 18 Years Old
7. Opinions of the Adequacy of Parks and Recreation Facilities

The first three tables in each section compare the percentage and rank order of participation in local park and recreation activities for, respectively, all households, adult households (those with no children under 18 years old) and households with children under 18 years old. These tables are useful in identifying activities that engage people from large numbers of households. They are most valuable in providing information about the breadth of interest in an activity across all households and different types of households. They do not measure the intensity of interest in activities.

Tables 4, 5, and 6 in each section contain the information planners need to estimate the 2002 baseline demand for park and recreation facilities. They provide, for each category of activities, in addition to data on the percentage of households containing participants in an activity, the average number of household members that participate, the individual participation rate, and the frequency of participation in each activity.

## Using Tables 4-6 in Estimating Demand

When respondents said that someone in their household engaged in an activity, they were asked the number of household members that participated, and the total number of times, including practice sessions, all of those members engaged in it during the previous year. Each table is organized by the 13 park and recreation activity categories. Activities in each category are presented in declining order of the total number of user-occasions that would have been required to accommodate all participants during the prior year (2002). For each activity, data are presented on the percentage of participating households in the region, the average number of participants per household, the individual participation rate (the percentage of all members of all households in the sample that participated in the activity), and the frequency of participation per person. A portion of Table A-4 is shown here, with a sixth column added, to illustrate how to read and use the tables.

<i>Column 1</i>	<i>Column 2</i>	<i>Column 3</i>	<i>Column 4</i>	<i>Column 5</i>	<i>Column 6</i>
<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>	<i>User Occasions Required</i>
<b>Field Sports</b>					
Soccer	17.8	1.48	9.5%	20.89	1,0489,794
Baseball	16.6	1.50	8.9%	18.20	8,575,836
Football	13.6	1.59	7.7%	16.34	6,685,954

*Column 1* lists the activities in each category in descending order of the user-occasions required to accommodate all participants for all the occasions they engaged in an activity.

*Column 2* reports *the percentage of households in the sample with members that engaged in the activity*. In the example, 17.8 percent of all households surveyed reported that one or more of their members were soccer players.

*Column 3* reports *the average number of people per household that engaged in that activity*. This number was derived by dividing the number of players reported by households by the number of households. For example, in the statewide sample, 197 households (17.8% of the sample) reported that they contained 292 soccer players, for an average of 1.48 players per participating household.

***Columns 4 and 5 provide key components for use in estimating the demand model used by many park and recreation departments in Maryland.*** *Column 4* contains the *individual participation rate*, derived by dividing the number of household members that were reported as participating in each activity by the total number of people reported for all households surveyed. In the

example above, the 1105 households surveyed contained 3080 people, of whom 292, or 9.5%, played soccer.

Column 5 shows the average number of times, or *frequency*, with which each participant engaged in an activity. It was derived by dividing the total number of times all household members participated by the total number that engaged in the activity. In the example, each soccer player played an average of 20.89 times during the year.

Column 6 contains an estimate of the total number of user-occasions required to accommodate those participating in each activity. In the example, the numbers were obtained by multiplying the total state population in 2000, by the individual participation rate in Column 4 and the frequency rate in Column 5 ( $5,296,486 \times 9.5\% \times 20.89 = 10,489,794$ ). Similar calculations can be made for each county, using county population and the individual participation rate and frequency data for the region in which the county is located.

Because this survey was a survey of households, users may prefer using the *Population in Households* figure reported by the U.S. Census (DP-1. Profile of General Demographic Characteristics: 2000) instead of total population. This figure is slightly smaller than total population (usually about 3%). ***Either approach is valid for calculation of the overall user-occasions required to accommodate all households, reported in Table 4 of each section, but cannot be used to calculate user-occasions required for adult households or households with children because the Census does not report the populations, respectively, of households containing only adults and those containing children under 18 years old.*** If calculations of user-occasions are desired for adult households or households with children, (Tables 5 and 6 of each section) planners should multiply the *number of households* reported in the 2000 Census for the state or a county by the percentage of participating households by the average number of participants per household and by the frequency of individual participation (Households X Col. 2 X Col. 3 X Col. 5).

Once user-occasions have been calculated, park planners can then use their jurisdictions' standards for the number of game and practice sessions a field or other facility can accommodate in a year, the average number of users per session, and factors for facility maintenance, etc., to determine the extent to which facilities are sufficient to meet demand. It is also important to remember that the *survey data report only the level of activity for the past year*. Planners should make adjustments based on local population forecasts, and administrative records or on-site surveys of usage to account for local trends in participation in various activities and to estimate future need.

Table 7 in each section summarizes the responses for all households, adult households, and households with children under 18 years old concerning the adequacy of key park and recreation facilities.

The Appendix to this report contains the full questionnaire used in the survey. An electronic file of the entire data set has been provided for each county, the Maryland Department of Planning, and the Maryland Department of Natural Resources.

## **STATE AND REGIONAL PARK AND RECREATION ACTIVITY PATTERNS**

The following section provides two tables that compare participation in each park or recreation activity, first by the statewide and regional populations, and then by households. Summary Table 1 is organized in descending order of the rate of individual participation in each activity. Summary Table 2 compares the percentage of households in the entire state and in each of the seven regions that produce participants in each activity, organized in descending order of statewide user-occasions for each activity category.

The data in these tables provide a general overview of what people and households do, but they do not provide data on the frequency of participation by all individual household members. That information can be found in the more detailed tables provided in each regional section.

### **INDIVIDUAL PARTICIPATION RATES**

Summary Table 1 provides one way of measuring the breadth of interest in park and recreation activities. It reports the estimated percentages of the state and regional populations that participate in each activity in descending order of the level, or rate, of statewide participation. The table is presented in three sections. The first section reports participation rates for those activities that attract more than five percent of the state population. The second section reports those activities that engaged one to five percent of the state population, and the third section reports activities that engaged less than one percent of the state population.

There is considerable variation in the recreational preferences of people in different regions of the state, both in the level of participation and rank order of preference. More than half of all Marylanders attend fairs and festivals in their parks. This activity is substantially less popular in the Washington suburbs, however, than in Baltimore City and other regions of the State. Walking is the second most popular activity for all individuals statewide, and attracts more than half of Baltimoreans and Washington suburbanites. Swimming at pools and at beaches, rivers or lakes holds third and fourth places statewide and in all regions except Western Maryland, where picnicking attracts more individuals than swimming pools. Other family-oriented activities, such as picnicking, visiting playgrounds, and attending outdoor concerts rank among the top ten individual activities in all regions.



A fourth of all Marylanders said they hiked in the past year, and one of every six engaged in recreational biking.

Basketball was the state's most popular sport, attracting one of every seven individuals. Baltimore City and Suburban Washington produced the highest percentages of basketball players; the Upper Eastern Shore the fewest.

Wide regional differences in individual participation occur in activities such as power boating, which attracts approximately a fourth of those living in Southern Maryland and the Upper and Lower Eastern Shore, but fewer than four percent of those living in Baltimore City. Fishing from a boat or the shore is far more popular in Western Maryland and the regions around the Chesapeake Bay, as would be expected, than elsewhere.

Washington suburbanites have much greater enthusiasm for in-line skating and aerobics and fitness classes than other regions. One of every nine people from the Upper Eastern Shore pitches horseshoes, as do one in ten from Western Maryland and the Lower Shore, but this sport has only half that level of participation from residents of Suburban Baltimore and Suburban Washington.

Hunting attracts just one in twenty people across the State, but that figure is the result of one of the widest differences among the regions. One of every seven residents of Western Maryland and the Upper Shore hunts, while just over one in a hundred in the Washington suburbs does.

No single field sport attracted more than 10 percent of the population, but again, there was considerable variation in participation rates among the seven regions. Soccer was the most popular field sport, with 9.5 percent of Marylanders participating, but it attracted 13 percent of those living in the Baltimore Suburbs, in contrast with only six percent of those living in Baltimore City. Slightly more than ten percent of Upper Eastern Shore residents played baseball, compared with only 7.1 percent in Suburban Baltimore. The percentage of City football players (9.4%) was more than double that in Southern Maryland or the two Eastern Shore regions. And lacrosse is almost exclusively a game for people in Suburban Baltimore, where it attracted 6.9 percent of residents, but fewer than three percent in all other regions.

*In using these data in facilities planning it is important to keep in mind that they reflect only the rates of participation in particular sports. They do not include the number of times people participate in them. Secondly, some facilities, such as multi-purpose fields, are used for several sports such as football, soccer, field hockey, and lacrosse. Thus, planners will need to consider the cumulative demand such activities produce and their experience with local facilities and scheduling.*

**Summary Table 1. Percentage of Individuals Participating in Park and Recreation Activities: Statewide and Regions—All Households  
Part 1—Activities Attracting More than 5 Percent of Population**

Activity	STATE	Western Maryland	Suburban Baltimore	Baltimore City	Suburban Washington	Southern Maryland	Upper Eastern Shore	Lower Eastern Shore
Attending Fairs Or Festivals	55.8	63.6	52.4	60.4	39.7	56.4	64.2	60.1
Walking	49.5	48.4	44.8	53.2	54.4	43.6	46.3	48.9
Swimming at Pool	45.6	46.2	45.8	36.6	51.4	45.7	41.7	42.3
Swimming at Beach/River/Lake	45.2	54.5	49.6	37.2	42.8	46.3	49.7	51.3
Picnicking	37.0	47.8	36.6	29.9	40.4	38.5	36.3	35.7
Visiting Playgrounds	34.0	34.1	29.3	34.8	55.4	38.8	35.2	33.4
Attending Outdoor Concerts	26.9	27.7	25.0	33.0	29.7	25.1	26.1	23.9
Hiking	25.1	30.1	29.2	17.7	24.5	19.6	20.0	18.3
Pleasure/Recreational Cycling	16.6	18.3	16.8	12.1	18.1	18.9	18.8	19.4
Basketball	14.4	12.4	11.3	18.6	18.0	10.5	10.2	11.7
Dog Exercising	13.9	18.3	17.2	9.0	10.6	16.0	16.7	18.0
Power Boating	13.0	15.6	14.5	3.9	7.6	23.1	26.1	27.1
Jogging	12.8	11.7	12.3	10.7	13.2	9.3	9.1	11.1
Fishing from Boat	12.1	13.1	12.4	5.6	4.8	22.3	22.9	18.8
Fishing from Shore Or Bank	12.0	22.4	12.6	8.2	7.8	18.3	20.7	16.5
Tent Camping	12.0	15.9	14.5	5.7	9.9	11.0	13.7	11.8
Nature/Gardening Programs	11.0	12.4	12.2	9.5	10.8	13.4	12.7	12.7
Ice Skating	10.9	11.0	11.6	6.9	3.2	4.9	9.0	4.3
Golf	10.7	13.3	13.0	5.2	11.1	13.6	11.4	10.5
Running	10.4	9.1	9.2	9.8	9.8	7.0	6.7	7.5
Tennis	9.7	9.6	10.3	6.0	12.1	7.0	7.0	5.8
Soccer	9.5	8.9	13.0	6.0	8.5	7.2	8.2	8.6
Baseball	8.9	8.4	7.1	8.7	7.9	8.5	10.3	8.9
Weight Training	8.6	6.4	7.1	5.8	10.9	8.5	7.0	11.0
In-Line Skating	8.2	5.8	8.4	5.4	14.4	7.6	7.6	7.6
Football	7.7	6.6	6.3	9.4	7.7	4.6	4.2	5.5
Softball	7.2	6.7	6.5	6.7	7.1	5.6	7.6	6.5
Aerobics Or Fitness Classes	7.0	6.2	5.4	7.2	16.7	4.8	6.4	5.4
Downhill Skiing	6.8	9.7	8.2	3.7	8.0	6.9	5.6	5.5
Horseshoes	6.6	9.5	5.3	7.9	5.1	7.4	11.6	9.5
Fishing From Pier	5.7	6.6	5.0	2.0	7.0	10.7	10.8	9.0
Canoeing	5.2	5.2	5.9	1.7	4.9	4.7	5.1	6.1

**Summary Table 1. Part 2—Activities Attracting 1 to 5 Percent of the Population**

Activity	STATE	Western Maryland	Suburban Baltimore	Baltimore City	Suburban Washington	Southern Maryland	Upper Eastern Shore	Lower eastern Shore
Hunting	4.9	14.9	4.8	1.8	1.1	8.3	13.7	6.5
Volleyball	4.6	5.7	4.8	4.9	5.6	3.8	4.7	3.0
Skate Boarding	4.4	4.8	7.0	2.3	10.1	4.0	4.6	4.5
Sailing	4.4	3.0	4.7	4.4	1.5	3.8	4.9	4.9
Nature Walks	4.3	4.9	3.7	2.3	5.3	8.3	6.8	7.3
Target Shooting	4.1	4.7	5.3	1.9	2.9	4.4	2.7	2.2
Lacrosse	3.4	2.4	6.9	1.1	1.3	1.7	2.1	1.3
Kayaking	3.4	0.8	3.7	1.8	4.5	2.5	3.8	3.8
Bird Watching	3.2	2.9	3.9	3.8	2.6	4.9	5.5	4.9
Mountain Biking	3.0	1.9	4.4	3.3	2.3	3.1	2.6	1.7
Roller Skating	2.9	3.0	2.8	1.8	4.5	3.2	3.8	4.1
Water Skiing	2.6	3.5	3.7	0.2	4.2	3.3	4.3	4.0
RV Camping	2.5	2.8	2.9	0.3	2.3	5.5	5.1	4.8
Trail Riding	2.4	3.4	2.6	2.3	2.3	3.0	4.4	2.1
Snow Boarding	1.8	3.9	3.6	0.9	0.2	1.4	1.5	1.1
Skeet Or Trap Shooting	1.7	1.7	2.8	0.2	0.3	3.4	3.9	1.5
Cabin Camping	1.7	1.7	1.5	0.5	0.9	1.7	2.5	2.3
Other Fitness Activities	1.5	0.6	1.8	0.6	1.1	1.0	1.4	0.8
Other Winter Sports	1.5	1.9	2.0	0.3	0.5	1.1	0.5	0.9
Ice Hockey	1.2	0.6	1.8	0.3	0.9	0.5	1.2	0.7
Field Hockey	1.1	0.4	1.8	0.6	0.2	0.8	1.8	1.1
Yoga	1.1	0.5	0.8	1.2	0.7	0.4	0.9	1.5
Off-Road Vehicles	1.0	0.6	0.6	0.1	2.8	0.8	0.8	1.5

**Summary Table 1. Part 3--Activities Attracting Fewer Than 1 Percent of the Population**

Activity	STATE	Western Maryland	Suburban Baltimore	Baltimore City	Suburban Washington	Southern Maryland	Upper Eastern Shore	Lower eastern Shore
Archery	0.9	1.7	0.9	0.6	0.6	1.7	1.4	0.9
Other Water Sports	0.9	0.4	1.8	0.6	0.4	1.5	0.9	0.6
Racquetball	0.7	0.1	1.2	0.4	0.6	0.9	1.0	1.0
Cross Country Skiing	0.6	1.0	0.7	0.3	0.7	0.4	0.5	0.9
Touring	0.6	0.1	1.1	0.1	0.3	0.2	0.0	0.2
Other	0.6	0.1	0.8	0.2	0.2	0.6	0.0	1.1
Backpacking	0.6	0.3	0.5	0.2	0.7	0.4	0.2	0.2
Other Field Sports:	0.4	0.3	0.7	0.3	0.4	0.4	0.4	0.0
Rafting	0.4	0.4	0.4	0.0	0.8	0.1	0.3	0.7
Showing	0.4	0.1	0.2	0.1	0.5	0.0	0.7	0.4
129130 Snowmobiling	0.4	0.3	0.8	0.0	0.5	0.1	0.0	0.0
Other Cycling Sports	0.3	0.3	0.5	0.0	0.2	0.1	0.0	0.2
Rock Or Wall Climbing	0.3	0.0	0.5	0.0	0.2	0.2	0.3	0.0
In-Line Hockey	0.3	0.0	0.1	0.1	0.4	0.2	0.1	0.1
T-Ball	0.2	0.0	0.1	0.0	0.5	0.3	0.3	0.3
Competitive Cycling	0.2	0.2	0.4	0.0	0.0	0.1	0.1	0.1
BMX Cycling Sports	0.2	0.0	0.1	0.4	0.4	0.4	0.1	0.3
Other Camping	0.2	0.4	0.2	0.1	0.8	0.2	0.4	0.5
Handball	0.2	0.1	0.2	0.0	0.3	0.1	0.0	0.0
Squash	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Jumping	0.1	0.1	0.1	0.1	0.0	0.4	0.1	0.4
Other Shooting Sports	0.1	0.0	0.1	0.0	0.1	0.4	0.3	0.4
Sail Boarding	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Other Equestrian Sports	0.0	0.2	0.1	0.1	0.0	0.0	0.2	0.0
Other Court Sports	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0
Other Skating Sports	0.0	0.3	0.0	0.1	0.0	0.2	0.0	0.0
Other Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Equestrian Hunting	0.0	0.1	0.0	0.0	0.0	0.3	0.3	0.2

## HOUSEHOLD PARTICIPATION RATES

Summary Table 2 provides a category-by-category comparison of the level of household participation in park and recreation activities. Like the data on individual participation rates, the data in this table provide a general overview of the breadth of interest in each activity by Maryland households, but they do not provide information on the intensity, or frequency, of that participation. That information is found in the more detailed tables for the state and each region. The data in the table follows the order in which questions were asked, rather than rank order of participation.

### Field Sports

*Soccer* attracts players from more households than any other field sport. Its popularity, however, is heavily concentrated in Suburban Baltimore, where 23.3 percent of the households have at least one player, and enjoys a wide lead over all other field sports. Soccer is the second most popular field sport among households in Suburban Washington, Southern Maryland and the Upper and Lower Eastern Shore. It ranks third among field sports in households in Western Maryland and Baltimore City.

*Baseball* is second in popularity with Maryland households, but it is the favorite field sport of households in all regions except Suburban Baltimore, where it ranks fourth. *Football*, the third-ranked field sport statewide, is ranked second in popularity with households in Baltimore City and the Washington Suburbs. It ranks fourth among field sports in all other regions except Suburban Baltimore, where it ranks fifth.

Statewide, *softball* ranks fourth in popularity for field sports, but is the second most popular such sport in Western Maryland.

*Lacrosse* draws most of its players from Suburban Baltimore, where it is the second most popular field sport, with players from 13.5 percent of households. Of the other regions, it attracts more than three percent of households only in the Upper Eastern Shore. *Field Hockey* is also almost exclusively a Suburban Baltimore and Upper Eastern Shore sport.

### Court Sports

*Basketball* is the most popular court sport in Maryland and in all seven regions. *Tennis* ranks second in the state and in all regions except Southern Maryland and the Upper and Lower Eastern Shore. *Horseshoes* ranks second in popularity for households in these three regions, and is more popular than Volleyball in all regions except Suburban Washington.

**Summary Table 2. Percent of Households with Members Participating in Park and Recreation Activities**

<i>Activity</i>	<i>Maryland</i>	<i>Western Maryland</i>	<i>Suburban Baltimore</i>	<i>Baltimore City</i>	<i>Suburban Washington</i>	<i>Southern Maryland</i>	<i>Upper Eastern Shore</i>	<i>Lower Eastern Shore</i>
<b>Field Sports</b>								
Baseball	16.6	16.5	14.8	14.5	16.5	15.3	19.3	16.5
Softball	13.4	15.8	12.5	10.5	14.0	12.3	14.8	13.0
Football	13.6	11.5	12.5	14.5	15.3	8.5	9.8	10.0
Soccer	17.8	14.3	23.3	10.5	16.3	14.0	16.8	15.8
Lacrosse	7.1	3.5	13.5	2.8	3.0	3.3	4.8	3.0
Field Hockey	2.4	1.3	4.0	1.5	1.0	2.0	3.8	2.5
T-Ball	0.4	0.0	0.3	0.0	0.8	0.5	0.5	0.8
Other Field Sports	0.7	0.5	1.3	0.5	0.3	0.8	0.8	0.0
<b>Court Sports</b>								
Basketball	25.2	21.8	22.8	26.1	31.8	18.3	20.0	19.5
Tennis	16.7	16.3	16.8	10.3	23.5	9.8	11.3	9.3
Volleyball	8.0	9.3	7.3	7.8	10.3	6.3	7.3	5.8
Horseshoes	10.8	17.5	10.0	8.8	8.5	12.5	18.0	17.5
Racquetball	1.4	0.3	2.5	0.8	1.3	2.3	2.0	2.3
Handball	0.2	0.3	0.3	0.0	0.3	0.3	0.0	0.0
Squash	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Other Court Sports	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.0
<b>Skating Sports</b>								
Ice Skating	17.5	15.0	18.0	11.0	25.3	6.8	12.5	5.5
Ice Hockey	2.0	1.5	2.5	0.8	1.8	1.0	2.5	1.8
In-Line Skating	13.7	9.3	14.3	7.8	17.0	12.5	11.0	11.0
Skate Boarding	8.5	8.3	12.8	3.0	7.3	7.5	9.0	9.5
Roller Skating	4.6	4.3	4.8	3.3	7.3	4.3	5.3	5.3
In-Line Hockey	0.5	0.0	0.3	0.5	0.8	0.5	0.3	0.3
Other Skating Sports	0.0	0.3	0.0	0.5	0.0	0.3	0.0	0.0
<b>Water Sports</b>								
Swimming at Pool	51.8	49.0	53.8	41.1	59.5	50.5	44.3	47.0
Swimming at Beach/River/Lake	50.0	53.3	55.0	41.4	47.3	48.0	52.3	55.8
Power Boating	16.6	18.3	17.8	5.8	10.0	26.5	29.8	30.8
Sailing	5.6	2.5	6.5	5.8	5.0	6.3	6.8	6.0
Canoeing	6.2	6.0	7.3	2.3	5.3	6.3	5.8	6.8
Kayaking	4.0	1.8	5.0	2.8	4.5	3.5	4.8	4.8
Water Skiing	3.6	5.3	5.0	0.5	2.3	4.3	5.3	5.0
Sail Boarding	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0
Rafting	0.5	0.5	0.5	0.0	0.8	0.3	0.3	1.3
Other Water Sports	1.4	0.8	3.3	0.8	0.5	1.5	1.3	0.8

Summary Table 2. Continued

<i>Activity</i>	<i>Maryland</i>	<i>Western Maryland</i>	<i>Suburban Baltimore</i>	<i>Baltimore City</i>	<i>Suburban Washington</i>	<i>Southern Maryland</i>	<i>Upper Eastern Shore</i>	<i>Lower Eastern Shore</i>
<b>Fishing And Hunting</b>								
Fishing from Shore/Bank	17.3	30.5	18.0	13.0	12.3	22.3	27.8	23.5
Fishing from Pier	8.7	10.0	7.8	4.5	7.0	12.5	16.0	11.8
Fishing from Boat	18.4	17.8	19.8	9.5	10.0	32.0	31.5	29.3
Other Fishing	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Hunting	9.9	26.3	10.0	4.5	2.8	17.8	24.5	14.5
<b>Fitness Activities</b>								
Walking	68.5	70.0	65.5	67.4	74.5	64.8	67.0	69.5
Jogging	22.2	19.0	23.5	17.5	28.5	16.0	15.5	16.3
Running	18.5	16.3	18.5	16.3	22.3	13.0	11.8	11.8
Aerobics/ Fitness Classes	13.2	10.5	10.8	10.5	21.0	9.5	11.8	9.0
Weight Training	14.9	10.0	12.0	11.0	18.3	15.8	12.5	17.8
Yoga	2.1	1.0	2.3	1.8	2.0	1.3	1.8	2.0
Other Fitness Activities	2.2	1.3	3.3	1.0	1.0	1.8	1.3	1.3
<b>Cycling Sports</b>								
Pleasure/ Recreational Biking	21.9	23.0	21.0	15.8	24.8	25.5	23.3	24.5
Mountain Biking	4.6	2.5	6.8	4.3	3.3	4.8	3.5	2.5
Competitive Cycling	0.5	0.3	1.0	0.0	0.0	0.3	0.3	0.3
Touring	0.8	0.3	1.5	0.3	0.5	0.5	0.0	0.3
BMX	0.4	0.0	0.3	0.5	0.5	0.5	0.3	0.5
Other Cycling Sports	0.5	0.5	0.5	0.0	0.8	0.3	0.0	0.3
<b>Equestrian Sports</b>								
Trail Riding	4.1	5.3	4.8	2.5	3.5	5.3	6.5	2.8
Showing	0.5	0.3	0.5	0.3	0.5	0.0	1.3	0.8
Jumping	0.2	0.3	0.3	0.3	0.0	0.5	0.3	0.8
Hunting	0.0	0.3	0.0	0.0	0.0	0.3	0.8	0.3
Other Equestrian Sports	0.1	0.3	0.3	0.3	0.0	0.0	0.3	0.0
<b>Winter Sports</b>								
Downhill Skiing	9.1	12.8	9.5	5.5	12.3	7.0	7.3	6.0
Cross Country Skiing	1.1	2.0	1.3	0.5	1.0	0.8	0.5	1.0
Snow Boarding	2.7	5.5	5.0	0.8	1.3	2.3	2.5	1.5
Snowmobiling	0.5	0.5	1.0	0.0	0.5	0.3	0.0	0.0
Other Winter Sports	1.4	1.8	2.3	0.5	0.5	1.0	0.8	0.8
<b>Shooting Sports</b>								
Archery	2.2	3.8	2.0	0.8	1.0	3.0	3.0	2.0
Target Shooting	7.1	9.0	10.0	3.8	4.0	8.0	5.3	4.5
Skeet Or Trap Shooting	3.0	3.5	4.5	0.5	0.8	5.5	5.5	3.0
Other Shooting Sports	0.2	0.0	0.3	0.0	0.3	0.5	0.5	0.3

Summary Table 2. Continued

<i>Activity</i>	<i>Maryland</i>	<i>Western Maryland</i>	<i>Suburban Baltimore</i>	<i>Baltimore City</i>	<i>Suburban Washington</i>	<i>Southern Maryland</i>	<i>Upper Eastern Shore</i>	<i>Lower Eastern Shore</i>
<b>Outdoor Activities</b>								
Hiking	33.4	36.3	38.3	26.3	32.5	23.8	25.5	21.5
Tent Camping	13.5	17.0	14.8	6.3	12.0	11.0	14.3	13.5
RV Camping	2.1	2.5	2.5	0.5	2.0	5.0	4.5	4.0
Cabin Camping	1.5	2.3	1.3	1.0	2.3	1.8	2.5	2.0
Other Camping	0.5	0.8	0.5	0.3	0.5	0.3	0.3	0.5
Backpacking	0.9	0.5	1.0	0.3	1.0	0.8	0.5	0.5
Bird Watching	5.0	4.5	5.5	5.8	4.3	8.5	8.5	7.3
Nature Walks	5.8	4.8	5.0	2.8	7.8	10.0	7.8	8.0
Rock Or Wall Climbing	0.5	0.0	0.8	0.0	0.3	0.3	0.8	0.0
Off-Road Vehicles	1.3	1.3	1.3	0.3	1.0	1.3	1.3	1.5
Other Outdoor Activities	0.8	0.3	1.3	0.3	0.8	0.8	0.0	1.0
<b>Family Or Group Activities</b>								
Picnicking	38.7	45.0	37.5	34.6	41.5	23.8	36.5	34.8
Visiting Playgrounds	39.5	39.3	33.8	38.3	47.0	40.8	39.5	38.8
Attending Outdoor Concerts	33.4	33.5	32.3	37.8	37.5	30.0	33.8	29.5
Attending Fairs Or Festivals	60.9	66.3	57.0	63.9	60.0	61.8	68.0	62.5
<b>Special Facility Activities</b>								
Nature/Gardening Programs	18.4	19.3	20.0	14.3	18.8	21.8	20.8	22.5
Dog Exercising	18.6	25.3	23.0	12.3	12.5	22.3	23.3	24.5
Golf	20.1	23.0	24.0	9.3	20.3	23.5	19.3	18.8

## Skating Sports

*Ice skating* is the most popular skating sport of Maryland households. Over a fourth of households in Suburban Washington enjoy this sport, far more than in other regions, although it is the favorite skating sport in all but Southern Maryland and the Lower Eastern Shore. *In-line skating* holds first place among skating sports in these regions, and second place in the others. *Skate boarding* ranked third among skating sports in Maryland, led by households in Suburban Baltimore, and the Upper and Lower Eastern Shore.

## Water Sports

Roughly half of all Maryland households have members that swim, and *swimming at pools* and at *beaches, rivers and lakes* are almost equally popular. *Swimming at beaches, rivers and lakes* is more popular than *pool swimming* with households of all regions except Suburban Washington and Southern Maryland.

*Power boating* is the state's third most popular water sport, with more than a fourth of Southern Maryland, Upper and Lower Eastern Shore households participating. In general, this activity is skewed toward those regions with easy access to large bodies of water. Only 10 percent of Suburban Washington households engage in power boating. Income is also a factor. The lowest percentage of households engaging in this activity is in Baltimore City, where only 5.8 percent participate. *Water Skiing* has a similar regional pattern but attracts far fewer households—only 3.6 percent statewide.

*Canoeing* attracts between five and seven percent of households in all regions except Baltimore City, where only slightly more than two percent of households participate. *Kayaking* has a similar pattern of participation across regions. *Sailing* draws participation from 5.6 percent of Maryland households, with relatively little variation among regional participation rates. The Upper Eastern Shore has the highest percentage of sailing households (6.8%) and Western Maryland has the lowest percentages (2.5%).

## Fishing and Hunting

Whether from a boat, shore or bank, fishing engages more Maryland households than any field sport except *soccer*. *Boat fishing* attracts someone from 18.4 percent of the state's households and is more popular than *bank or shore fishing* with households in Suburban Baltimore, Southern Maryland, and the Upper and Lower Eastern Shore. One of every three households in Southern Maryland and the two Eastern Shore regions has one or more boat fishers and every third Western Maryland household has a bank fisher.



Just fewer than ten percent of Maryland households engage in *hunting*, but the variation among regional participation in this sport is very high. Roughly one of every four Western Maryland and Upper Eastern Shore households has a hunter, compared with fewer than ten percent in Suburban Baltimore and 4.5 percent in Baltimore City and a mere 2.8 percent in Suburban Washington.

## **Fitness Activities**

*Walking* the state's most popular recreational activity. More than two-thirds of Maryland households contain people who walk for exercise, and it is the first or second most popular recreation in all regions. Three-fourths of all households in Suburban Washington and 70 percent of those in Western Maryland and the Lower Eastern Shore have members that walk for fitness at parks or other recreation facilities. Someone in roughly two-thirds of the households in all other regions walk for exercise.

Suburban Washington and Suburban Baltimore households have higher percentages of joggers (28.5% and 23.5%, respectively) and runners (22.3% and 18.5%, respectively) than other regions. Southern Maryland and the Upper Eastern Shore trail other regions in jogging and the two Shore regions bring up the rear in *running*.

The highest percentages of households participating in *aerobics or fitness classes* occur in Suburban Washington (21.0 %), followed by the Upper Eastern Shore, Suburban Baltimore and the City, with the smallest percentages taking fitness classes in Southern Maryland and the Lower Eastern Shore. Suburban Washington also leads in the percentage of households (18.3%) with members that participate in *weight training*, but the pattern for this activity differs from other fitness activities. Lower Eastern Shore households come next in line, with 17.8 percent harboring weight trainers, followed by Southern Maryland, the Upper Eastern Shore, Suburban Baltimore, Baltimore City and Western Maryland.

## **Cycling Sports**

*Pleasure or recreational cycling* is the eleventh most popular activity among all households using Maryland parks and recreation facilities. About a fourth of the households in each of five regions engage in this activity. Lower percentages of participation come from households in Suburban Baltimore (21.0%) and Baltimore City (15.8%). *Mountain biking* is the only other cycling sport to attract participants from more than one percent of households in the state. Suburban Baltimore (6.8%), Southern Maryland (4.8%) and Baltimore City (4.3%) have the highest percentages of households with mountain bikers.

## **Equestrian Sports**

*Trail riding* is most popular among households in the Upper Eastern Shore (6.5%), Southern and Western Maryland (5.3% each), and Suburban Baltimore (4.8%). Fewer than four percent of households in the other regions participate. Except for *showing* on the Upper Eastern Shore (1.3%), no other equestrian sport attracts participants from as many as one percent of households in any region.

## **Winter Sports**

*Downhill skiing* is by far the favorite winter sport of Maryland households. Western Maryland households lead, with 12.8 percent containing skiers. Suburban Washington (12.3%) and Suburban Baltimore (9.5%) follow. *Snowboarding* is the second most popular winter sport, but attracts participants from only 2.7 percent of households in the state. Western Maryland and Suburban Baltimore are the only regions in which five percent or more of households have snowboarders.

## **Shooting Sports**

*Target Shooting* is the most popular shooting sport in Maryland, attracting someone from 7.1 percent of all households, led by Suburban Baltimore (10.0%), Western Maryland (9.0%) and Southern Maryland (8.0%). *Skeet or Trap Shooting* attracts participants from three percent of Maryland households, led by 5.5 percent of households in Southern Maryland and the Upper Eastern Shore, followed by Suburban Baltimore (4.5%), Western Maryland (3.5%) and the Lower Eastern Shore (3.0%). Less than one percent of households in Baltimore City and Suburban Washington engage in this sport.

*Archery* attracts participants from only 2.2 percent of Maryland households, with the highest household participation rates in Western Maryland (3.8%), Southern Maryland, and The Upper Eastern Shore (3.0% each).

## **Outdoor Activities**

*Hiking* attracts someone from almost a third of all Maryland households, making it the eighth most popular park and recreation activity of State. Households in Suburban Baltimore (38.3%), Western Maryland (36.3%), and Suburban Washington (32.5%) produce the most hikers, followed by Southern Maryland (32.8%), Baltimore City (26.3%), Upper Eastern Shore (25.5%), and Lower Eastern Shore (21.5%).

*Tent camping* enjoys its greatest popularity among Western Maryland households (17.0%), compared to 13.5 percent of households statewide, 14.8 percent in Suburban Baltimore, 14.3 percent in the Upper Eastern Shore and 13.5 percent in the Lower Eastern Shore. RV Camping, by contrast, attracts participants from only 2.1 percent of all households, with the highest participation by households in Southern Maryland and the two Eastern Shore regions.

*Nature Walks* attract participants from 5.8 percent of the state's households, with the highest household participation rates in Southern Maryland (10.0%), and the Lower Eastern Shore (8.0%), Upper Eastern Shore and Suburban Washington (7.8% each).

*Bird Watching* is enjoyed by members from five percent of Maryland households, led by those in Southern Maryland (8.5%), Upper Eastern Shore (8.5%), and Lower Eastern Shore (7.3%).

### **Family or Group Activities**

The four family or group activities are among the top ten park and recreation activities of Maryland households, and although their rank order may vary, they are also among the top ten activities of households in each region.

Someone from three of every five Maryland households attended an *outdoor fair or festival* at a park or recreation facility during the past year, making it the second most popular of all activities. The highest percentages of such households were in the Upper Eastern Shore (68.0%) and Western Maryland (66.3%). The lowest was in Suburban Baltimore (57.0%).

*Visiting playgrounds* ranks fifth in popularity, attracting 39.5 percent of Maryland households. Suburban Washington (47.0%) and Southern Maryland (40.8%) households are the highest users of these facilities. Suburban Baltimore has the fewest households reporting such visits (33.8%).

*Picnicking* is the sixth most popular activity among Maryland households, drawing participants from 38.7 percent of them. Western Maryland (45.0%) and Suburban Washington (41.5%) households are the most enthusiastic picnickers in Maryland; Southern Marylanders (23.8%) are the least.

*Attending outdoor concerts* is the eighth most popular activity, attracting just over a third of all Maryland households. Baltimore City (37.8%) and Suburban Maryland (37.5%) households are the most enthusiastic concert-goers. Over 30 percent of households in all other regions attend such events, except for the Lower Eastern Shore, where just fewer than 30 percent attend.

## **Special Facility Activities**

Just less than one of every five Maryland households has one or more members that play *golf*, making it the twelfth most popular activity statewide and in Western Maryland. It ranks ninth in popularity among Suburban Baltimore households and 12th in Southern Maryland, but drops to 16<sup>th</sup> in Suburban Washington and the Lower Eastern Shore, 18<sup>th</sup> in the Upper Eastern Shore and 25<sup>th</sup> in Baltimore City where fewer than ten percent of households include a golfer.

*Dog exercising* ranks 13<sup>th</sup> among park and recreation activities and 18.6 percent of Maryland households take their dogs to a park. Only in Baltimore City and Suburban Washington households (12.5% each) do fewer than one in five households engage in dog exercising.

*Nature and gardening programs* attracted members of 18.4 percent of the state's households, and roughly one of every five in each region except Baltimore City, where only one in seven households participated in such programs.

## **ADEQUACY OF FACILITIES**

Summary Table 3 compares responses indicating “not enough” of various types of facilities for the entire state and each region. There is considerable variation among the regions for several facilities. A substantially greater percentage of respondents in Suburban Baltimore and Baltimore City than elsewhere said there were not enough natural parks and wildlife areas in their regions. A smaller percentage of Western Maryland and Suburban Washington respondents than those in other regions felt there were not enough parks for active recreation and leisure.

More than half of all respondents in Southern Maryland and the Upper and Lower Eastern Shore said they did not have enough indoor recreation facilities. Over three-fifths of respondents in Southern Maryland, and more than half those in the two Eastern Shore regions said there were not enough swimming pools. A smaller percentage of Suburban Washington respondents thought there were not enough dog parks, compared to the views of respondents in other regions. A much greater percentage of respondents from Baltimore City said they did not have enough playgrounds (45.1%) and picnic facilities (43.9%). And a relatively small percentage of those responding from Southern Maryland and the two Eastern Shore regions said there were not enough boating and waterfront facilities in their counties.

Bike lanes along roads were the only facility of which a clear majority in the statewide sample (53.6%) and all regions except Suburban Washington said there were not enough. Even there, 49.5 percent agreed there were not enough bike lanes.

**Summary Table 3. Comparison of Responses for State and Seven Regions: Percent saying “not enough” of a facility in their county.**

Type of Park Or Facility	State	Western Maryland	Suburb. Baltimore	Baltimore City	Suburb. Washington	Southern Maryland	Upper Eastern Shore	Lower Eastern Shore
Natural/Wildlife	38.3	30.8	45.3	40.9	33.5	34.5	35.5	32.5
Rec./Leisure	29.1	25.8	33.6	36.6	24.5	32.8	28.0	32.3
Indoor Facilities	42.2	43.5	36.3	46.1	38.0	53.3	53.5	50.3
Swimming Pools	39.6	43.0	43.5	46.1	30.0	61.8	51.3	54.5
Trails & Pathways	34.7	29.5	35.8	38.6	34.3	38.0	33.8	35.8
Dog Parks	29.9	35.0	31.8	35.6	22.3	35.5	32.3	36.8
Golf Courses	12.9	6.8	12.5	15.8	14.5	16.0	14.3	10.0
Playgrounds	29.9	25.5	28.3	45.1	27.8	30.0	29.5	30.5
Picnic Facilities	31.2	22.8	32.0	43.9	30.8	33.3	30.5	30.3
Boa/Waterfront.	25.6	26.3	24.8	31.8	30.5	17.3	18.8	16.0
Bike Lanes	53.6	64.0	59.5	53.9	49.5	62.8	54.5	53.8

### INDICATORS OF LATENT DEMAND

After recording responses to questions about specifically named activities, each respondent was asked: “Were there any other recreation or leisure activities I have not mentioned that you or members of your households participated in outside your home somewhere in Maryland during the past year?” Of the 2800 people interviewed, 144 named another activity. Summary Table 4 shows the percent of households in each region that reported participation in activities other than those specifically named.

Region	Percent
Western Maryland	3.3
Suburban Baltimore	7.0
Baltimore City	3.3
Suburban Washington	8.5
Southern Maryland	5.8
Upper Eastern Shore	3.3
Lower Eastern Shore	5.0
Total responses	5.1

Only twelve “additional” activities were named by more than one respondent. These responses are included in Summary Table 5. None of these activities attracted participation from as many as one percent of households. Bowling is the only activity that would require a special facility, but it is one that is rarely provided in public parks or recreational facilities. Others may require some special equipment or programming of facilities, but do not suggest unique space

Activity	Participating Households
Bowling	17
Martial Arts	7
Dancing	5
Pool	5
Wrestling	4
Flying a Plane	3
Motorcycling	3
Gymnastics	3
Attending Tractor Pulls	3
Kite Flying	2
Crabbing	2

requirements—except flying private airplanes.

Ten activities were named that had already been covered in the specific questions: Bird Watching, Jogging, Other Fitness Activities, Other Court Sports, Other Water Sports, Nature Trails (walks), Golf, Hiking, Sailing, and Off Road Vehicles. None was named by more than two respondents.

Respondents were also asked: “Are there any recreational or leisure activities that we have not mentioned that you or other members of your family would like to participate in, but for some reason cannot?” If respondents answered “yes” they were asked: “What is the primary reason you or other members of your household did not participate in the activity?” There were 132 responses to these questions, which were recorded verbatim. The reasons given for not participating were then coded into eleven categories of responses. Summary Table 6 shows the percentage of the 132 responses that offered each major reason. The lack of available facilities was the reason cited by over a third of respondents (36.4%) for not participating. Statewide, this is not a significant number as it represents fewer than two percent of all households, but the concentration of these responses in one or two regions or with regard to one or two facilities could indicate an important facility deficiency.

	<i>Percent</i>
Not Locally Available	36.4
No Time to Do It	16.7
Other/Miscellaneous	10.6
Disability/Illness	9.8
Cost	6.8
Age (Too Old or Too Young)	3.0
Lack of Personal Equipment	2.3
Unaware of Facility	0.8
No Access	0.8
Schedule Problems	0.8
New to Area	0.8

Lack of time, disability or illness, the age of household members, and lack of personal equipment account for 31.8 percent of the reasons given for not participating. Since each of these reasons has to do with personal or household conditions, they do not suggest facility deficiencies. Cost was cited by 6.8 percent of those saying they could not participate in a favored activity. In most cases, this dealt with the cost of personal equipment, such as a boat, golf clubs, or in one case, an airplane. Fees or admission costs were not mentioned as barriers to participation.

Summary Table 7 lists the activities that were mentioned most often and the principal reasons given for not participating in them. Twenty-two activities were mentioned by 2 or more respondents, accounting for 78 of the 132 households that mentioned an activity they would like to engage in but could not. The remaining 64 respondents each named a different activity.

Swimming was mentioned most often—but by only seven respondents—as an activity that they would like to engage in, but could not. Ice skating was mentioned by 6 respondents, and biking, golf, boating, and hiking drew five responses each. The small numbers for any of these activities suggests that there is no significant deficiency in any type of facility statewide, but these figures

should be viewed in the context of the regional data on the adequacy of facilities to help identify areas where additional facilities may be needed.

For example, the large percentages of respondents in Southern Maryland (61.8%), the Upper Eastern Shore (51.3%), and the Lower Eastern Shore (54.5%) saying there were not enough swimming pools in their region suggest a substantial latent demand for such facilities in those regions. And Summary Table 1 shows that lower percentages of households in the two Shore regions and Baltimore City participate in swimming than in other regions.

Summary Table 7 further amplifies the latent demand picture. Lack of local availability was given as the principal reason for not participating in 15 of the 22 activities mentioned by two or more households. Lack of time was the second most often mentioned barrier to participation, but it and most of the other reasons are not factors to which facility planners can respond.

*Taking all these data into consideration, they appear to indicate that to some extent high participation rates in an activity may result from the availability of facilities in a region and low rates may indicate absence of facilities, especially when combined with a high percentage saying there are not enough of the facilities in question.*

**Summary Table 7. Reasons for Not Participating in Activities Mentioned Most Often by Respondents**

<b>Activity</b>	<b>Number of Responses</b>	<b>Reasons for Not Participating</b>
Swimming	7	Not Available; No Time, Other#
Ice Skating	6	Not Available
Biking	5	Not Available; No Time
Golf	5	No Time; Lack of Personal Equipment
Boating	5	Not Available; No time; Cost; Other*
Hiking	5	Not Available; Disability/Illness
Equestrian Sports	4	No Time; Cost; Age; New to Area
Racquetball	4	Not Available; No Time; Disability/Illness
Running	4	; No Time; Disability/Illness
Water Aerobics	3	Not Available; No Time
Dancing	3	Not Available; Schedule Problems; Age
Camping	3	Not Available; No Time
Football	3	Disability/Illness; Age; Cost
Tennis	3	Not Available
Jogging	3	Disability/Illness
Skiing	3	Not Available
Basketball	2	Not Available
Scuba Diving	2	Not Available
Softball	2	No Time; Disability/Illness
Walking	2	Disability/Illness
Yoga	2	Not Available; No Time; Other***
Bowling	2	Not Available; Other**

#We are not allowed to swim within 400 feet of the dam because of terrorists; We don't wear bathing suits, so it is a problem to find a place that will allow us to swim with our clothes on.

\* Dog died; mosquitoes, personal reasons

\*\*Don't Know

\*\*\*Class Cancelled—Low Enrollment

## THE STATEWIDE SURVEY

	Households Surveyed	Individual Household Members
<b>Total</b>	<b>1105</b>	<b>3080</b>
<b>Adult Households</b>	<b>611</b>	<b>1155</b>
<b>Households with Children</b>	<b>494</b>	<b>1925</b>

### PERCENTAGES OF HOUSEHOLDS PARTICIPATING IN PARK AND RECREATION ACTIVITIES

Ten activities attract participation from someone in more than one of every five households in the state. Half or more of the state's households participate in walking, attending fairs and festivals, and swimming.

The age of household members is an important factor in recreational activity. As Table A-1, below, shows, there are differences in the recreational activities of households that are composed entirely of adults and those that contain members under 18 years old. Households with children are more likely to attend fairs and festivals than those composed only of adults. Over two-thirds of adult households have members that walk in the parks, compared with slightly fewer than half the households with children. Swimming is far more popular among households with children, as is visiting playgrounds.

**Table A-1. The Ten Most Popular Activities of Maryland Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Walking	68.5	1	67.9	1	69.3	1
Attending Fairs or Festivals	60.9	2	54.5	2	68.9	2
Swimming at Pool	51.8	3	39.0	4	67.5	3
Swimming at Beach/River/Lake	50.0	4	41.2	3	60.6	4
Visiting Playgrounds	39.5	5	25.2	8	57.2	5
Picnicking	38.7	6	35.7	5	42.4	6
Hiking	33.4	7	33.7	6	33.1	9
Attending Outdoor Concerts	33.4	8	30.4	7	37.0	8
Basketball	25.2	9	13.9	18	39.2	7
Jogging	22.2	10	17.5	10	27.9	12

Although these ten activities are the favorites of both households with children and those composed entirely of adults, there are differences in their rank order for the two kinds of households. The only competitive or team sport among the ten most popular activities is basketball, which draws players from just under a fourth of the state's households, but from more than a third of households with children.

Among adult households, 12.7 percent are composed entirely of people over 65 years old. As this number is less than ten percent of the total sample, it is too small to permit reliable analysis for many activities, especially in the regional



samples. It is possible, however, to break out seniors at the state level to provide an indication of how their preferences among activities differ from the general population and other adult households. Seniors do not, for example, participate significantly in basketball or cycling. Their seventh and eighth favorite activities are fishing from boats and aerobics or fitness classes, which attract the same percentage of seniors-only households as hiking and concerts (15.38%).

Age structure of households continues to matter among the 19 other activities that attract participants from more than ten percent of all households.

**Table A-2. Other Activities Attracting Participants from More Than 10 Percent of Maryland Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Pleasure/Recreational Cycling	21.9	11	16.5	12	28.5	11
Golf	20.1	12	17.2	11	23.6	16
Dog Exercising	18.6	13	16.4	14	21.2	18
Running	18.5	14	13.1	19	25.1	15
Fishing from Boat	18.4	15	16.4	13	20.8	21
Nature/Gardening Programs	18.4	16	18.8	9	17.8	26
Soccer	17.8	17	6.5	33	31.9	10
Ice Skating	17.5	18	10.5	23	26.3	14
Fishing from Shore or Bank	17.3	19	14.2	17	21.0	20
Tennis	16.7	20	14.6	16	19.4	23
Baseball	16.6	21	8.3	26	26.7	13
Power Boating	16.6	22	15.2	15	18.2	25
Weight Training	14.9	23	11.1	21	19.6	22
In-Line Skating	13.7	24	7.5	29	21.4	17
Football	13.6	25	7.5	28	21.0	19
Tent Camping	13.5	26	9.0	25	19.0	24
Softball	13.4	27	10.8	22	16.6	27
Aerobics or Fitness Classes	13.2	28	12.1	20	14.5	29
Horseshoes	10.8	29	9.3	24	12.5	30

Soccer is the 11<sup>th</sup> most popular activity among households with children, whereas nature and gardening programs rank 11<sup>th</sup> for adult households. Ice skating, ranks 12<sup>th</sup> in popularity for households with children but only 22<sup>nd</sup> for adult households. Households with children are far more likely to have members participating in team sports such as baseball, football, and softball. Fewer than ten percent of adult households have members that participate in these sports, engage in in-line skating or pitching horseshoes. The only other activities attracting participation from more than ten percent of seniors-only households are power boating (11.54%), golf (10.26 %) and bird watching (10.26%).

Twenty-one additional activities attract participants from between two and ten percent of all households. Again, there are important differences between household types. Skateboarders, Lacrosse players, hunters, skiers, pier fishers, and skeet and trap shooters are more likely to come from households with children than from those containing only adults. Sailors and bird watchers are

more likely to be found among adult households. (Blank cells indicate less than one percent of households had participants.)

Although some activities, such as skeet shooting, snow boarding, and field hockey attract participants from fewer than three percent of all households in Maryland, they have stronger constituencies among those households with children under 18 years old.

**Table A-3. Participation in Activities Attracting Participants from 2 to10 Percent of Maryland Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Hunting	9.9	30	7.9	27	12.3	31
Downhill Skiing	9.1	31	6.9	30	11.9	33
Fishing from pier	8.7	32	6.7	32	11.1	34
Skate Boarding	8.5	33	2.1	44	16.2	28
Volleyball	8.0	34	6.5	34	9.7	35
Target Shooting	7.1	35	5.4	37	9.3	36
Lacrosse	7.1	36	3.1	41	12.1	32
Canoeing	6.2	37	5.1	38	7.5	37
Nature Walks	5.8	38	5.7	36	5.7	42
Sailing	5.6	39	6.4	35	4.6	44
Bird Watching	5.0	40	6.9	31	2.6	51
Roller Skating	4.6	41	3.3	40	6.3	39
Mountain Biking	4.6	42	3.4	39	6.1	40
Trail Riding	4.1	43	2.0	47	6.7	38
Kayaking	4.0	44	2.8	42	5.5	43
Water Skiing	3.6	45	2.0	46	5.7	41
Skeet or Trap Shooting	3.0	46	2.1	45	3.8	48
Snow Boarding	2.7	47	1.1	53	4.6	45
Field Hockey	2.4	48	1.1	52	3.8	47
Other Fitness Activities	2.2	49	2.3	43	2.0	56
Archery	2.2	50	0.5	65	4.0	46
Yoga	2.1	51	1.8	49	2.4	53
RV Camping	2.1	52	1.5	50	2.8	50
Ice Hockey	2.0	53	1.8	48	2.4	52

### **PARTICIPATION RATES FOR ACTIVITY CATEGORIES**

Respondents were asked the total number of members of the household, the number of people under 18 years old, the number between 18 and 65, and the number over 65. They were then asked whether anyone in the household had participated in various activities at a park or recreation facility during the past year. After each affirmative response, interviewers asked the number of household members that participated in that activity. People were then asked to estimate the total number of times, including practice sessions, all members of their household participated in that activity during the pervious year.

In examining these tables it is apparent that some activities draw large number of participants from many households, and that each individual participates in the activity many times. For example, an average of 2.37 people from 68.6 percent of Maryland's households (49.5 percent of the total population) walks for fitness approximately 23 times a year. Some activities are attractive to

most members of many households—attending fairs or festivals is an example—but they engage in that activity only a few times each year. And other activities draw few participants from only a few households, but those few participate at very high rates. Squash and competitive cycling are good examples.

**Table A-4. Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—All Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>	<i>User Occasions Required</i>
<b>Field Sports</b>					
Soccer	17.8	1.48	9.5%	20.89	10489794
Baseball	16.6	1.50	8.9%	18.20	8575836
Football	13.6	1.59	7.7%	16.34	6685954
Softball	13.4	1.50	7.2%	16.57	6324830
Lacrosse	7.1	1.36	3.4%	19.74	3597483
Field Hockey	2.4	1.31	1.1%	23.24	1358514
Other Field Sports	0.7	1.63	0.4%	13.00	290619
T-Ball	0.4	1.75	0.2%	9.29	111776
<b>Court Sports</b>					
Basketball	25.2	1.59	14.4%	19.43	14866273
Tennis	16.7	1.62	9.7%	13.16	6790852
Volleyball	8.0	1.60	4.6%	15.33	3716138
Horseshoes	10.8	1.71	6.6%	6.39	2242408
Racquetball	1.4	1.44	0.7%	16.09	636266
Squash	0.2	1.00	0.1%	31.00	106618
Handball	0.2	2.50	0.2%	2.00	17196
Other Court Sports	0.0	0.00	0.0%	0.00	0
<b>Skating Sports</b>					
In-Line Skating	13.7	1.67	8.2%	12.12	5251775
Skate Boarding	8.5	1.46	4.4%	21.01	4949119
Ice Skating	17.5	1.74	10.9%	4.95	2861478
Ice Hockey	2.0	1.64	1.2%	18.17	1124643
Roller Skating	4.6	1.73	2.9%	7.02	1062736
In-Line Hockey	0.5	1.33	0.3%	19.50	268264
Other Skating Sports	0.0	0.00	0.0%	0.00	0
<b>Water Sports</b>					
Swimming at Pool	51.8	2.46	45.6%	10.72	25928706
Swimming at Beach/River.Lake	50.0	2.52	45.2%	5.36	12842259
Power Boating	16.6	2.19	13.0%	6.48	4455583
Sailing	5.6	2.21	4.4%	7.46	1757470
Canoeing	6.2	2.37	5.2%	4.95	1370552
Kayaking	4.0	2.36	3.4%	5.13	916567
Water Skiing	3.6	2.03	2.6%	5.12	713650
Other Water Sports	1.4	1.75	0.9%	4.04	194319
Rafting	0.5	2.60	0.4%	1.54	34393
Sail Boarding	0.1	1.00	0.0%	15.00	25795
<b>Fishing and Hunting</b>					
Fishing from Boat	18.4	1.83	12.1%	7.66	4899250
Fishing from Shore or Bank	17.3	1.94	12.0%	6.76	4314573
Hunting	9.9	1.38	4.9%	16.26	4194198
Fishing from Pier	8.7	1.84	5.7%	6.71	2042930
Other Fishing	0.0	0.00	0.0%	0.00	0
<b>Fitness Activities</b>					
Walking	68.5	2.01	49.5%	22.79	59714440
Jogging	22.2	1.61	12.8%	25.52	17335674
Running	18.5	1.57	10.4%	28.41	15681382
Weight Training	14.9	1.61	8.6%	31.70	14444962
Aerobics or Fitness Classes	13.2	1.47	7.0%	34.72	12835380
Other Fitness Activities	2.2	1.92	1.5%	14.61	1155597
Yoga	2.1	1.43	1.1%	15.70	890773

Table A-4. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>	<i>User Occasions Required</i>
<b>Cycling Sports</b>					
Pleasure/Recreational Cycling	21.9%	2.11	16.6%	11.35	9972183
Mountain Biking	4.6%	1.80	3.0%	14.22	2249287
Touring	0.8%	2.00	0.6%	18.89	584677
Competitive Cycling	0.5%	1.20	0.2%	32.67	337049
BMX	0.4%	1.50	0.2%	31.50	325012
Other Cycling Sports	0.5%	1.80	0.3%	5.22	80823
<b>Equestrian Sports</b>					
Trail Riding	4.1%	1.67	2.4%	7.45	961278
Showing	0.5%	1.83	0.4%	4.18	79103
Jumping	0.2%	1.00	0.1%	10.00	34393
Other Equestrian Sports	0.1%	1.00	0.0%	5.00	8598
Hunting	0.0%	0.00	0.0%	0.00	0
<b>Winter Sports</b>					
Downhill Skiing	9.1%	2.06	6.8%	3.24	1159036
Snow Boarding	2.7%	1.80	1.8%	4.78	443667
Cross Country Skiing	1.1%	1.58	0.6%	8.53	278581
Other Winter Sports	1.4%	2.81	1.5%	3.24	251067
Snowmobiling	0.5%	1.83	0.4%	6.36	120375
<b>Shooting Sports</b>					
Target Shooting	7.1%	1.58	4.1%	8.68	1865808
Skeet or Trap Shooting	3.0%	1.58	1.7%	11.73	1048979
Archery	2.2%	1.21	0.9%	14.97	746323
Other Shooting Sports	0.2%	1.00	0.1%	18.50	63627
<b>Outdoor Activities</b>					
Hiking	33.4%	2.09	25.1%	7.15	9494123
Tent Camping	13.5%	2.48	12.0%	3.68	2338708
Bird Watching	5.0%	1.78	3.2%	10.64	1793583
Nature Walks	5.8%	2.06	4.3%	5.63	1277691
RV Camping	2.1%	3.30	2.5%	3.11	405835
Other Outdoor Activities	0.8%	1.89	0.6%	8.76	256226
Off-Road Vehicles	1.3%	2.21	1.0%	4.48	239030
Cabin Camping	1.5%	3.06	1.7%	2.12	189160
Other Camping	0.5%	1.20	0.2%	18.00	185721
Backpacking	0.9%	1.70	0.6%	3.76	110057
Rock or Wall Climbing	0.5%	1.80	0.3%	1.89	29234
<b>Family or Group Activities</b>					
Visiting Playgrounds	39.5%	2.40	34.0%	8.95	16130207
Picnicking	38.7%	2.66	37.0%	3.74	7325659
Attending Fairs or Festivals	60.9%	2.55	55.8%	2.45	7243117
Attending Outdoor Concerts	33.4%	2.25	26.9%	3.32	4737604
<b>Special Facility Activities</b>					
Dog Exercising	18.6%	2.08	13.9%	21.59	15851626
Golf	20.1%	1.49	10.7%	15.03	8553481
Nature/Gardening Programs	18.4%	1.67	11.0%	14.24	8278339

The next two tables report the levels of participation by households and individuals composed entirely of adults and those containing children. As indicated above, they do not include estimates of the number of user-occurrences required.

**Table A-5. Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Adult Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Softball	10.8	1.33	7.6%	20.16
Baseball	8.3	1.20	5.3%	20.44
Football	7.5	1.41	5.6%	14.11
Soccer	6.5	1.33	4.6%	17.87
Lacrosse	3.1	1.16	1.9%	12.86
Field Hockey	1.1	1.00	0.6%	26.14
T-Ball	0.0	0.00	0.0%	0.00
Other Field Sports	0.2	2.00	0.0%	5.00
<b>Court Sports</b>				
Tennis	14.6	1.28	9.9%	16.38
Basketball	13.9	1.32	9.7%	16.63
Horseshoes	9.3	1.47	7.3%	8.43
Volleyball	6.5	1.38	4.8%	9.55
Racquetball	1.0	1.33	0.7%	24.63
Squash	0.3	1.00	0.2%	31.00
Other Court Sports	0.0	0.00	0.2%	0.00
Handball	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Ice Skating	10.5	1.33	7.4%	7.46
In-Line Skating	7.5	1.26	5.0%	11.48
Roller Skating	3.3	1.02	2.1%	9.00
Skate Boarding	2.1	1.08	1.2%	27.79
Ice Hockey	1.8	1.18	1.1%	25.08
In-Line Hockey	0.2	1.00	0.1%	8.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	39.0	1.65	34.0%	13.71
Swimming at Beach/River/Lake	41.2	1.69	37.0%	7.07
Power Boating	15.2	1.74	14.0%	7.81
Sailing	6.4	1.64	5.5%	9.30
Canoeing	5.1	1.84	4.9%	7.49
Kayaking	2.8	1.59	2.3%	4.81
Water Skiing	2.0	1.75	1.8%	4.10
Sail Boarding	0.0	0.00	0.0%	0.00
Rafting	0.3	2.00	0.3%	1.00
Other Water Sports	1.3	1.5.0	1.0%	1.92
<b>Fishing And Hunting</b>				
Fishing from Boat	16.4	1.54	13.3%	8.28
Fishing from Shore/Bank	14.2	1.53	11.5%	7.17
Hunting	7.9	1.13	4.7%	18.52
Fishing from Pier	6.7	1.56	5.5%	6.34
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	67.9	1.57	56.4%	28.40
Jogging	17.5	1.45	13.4%	27.42
Running	13.1	1.44	10.0%	29.60
Aerobics/ Fitness Classes	12.1	1.41	9.0%	31.98
Weight Training	11.1	1.44	8.5%	32.88
Other Fitness Activities	2.3	1.86	2.3%	17.92
Yoga	1.8	1.18	1.1%	29.77

Table A-5. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Biking	16.5	1.50	13.1%	13.14
Mountain Biking	3.4	1.71	3.1%	15.83
Touring	0.8	1.40	0.6%	39.00
Competitive Cycling	0.5	1.33	0.3%	32.75
BMX	0.2	3.00	0.3%	20.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Downhill Skiing	6.9	1.57	5.7%	4.17
Trail Riding	2.0	1.17	1.2%	5.07
Showing	0.7	2.25	0.8%	2.89
Jumping	0.2	1.00	0.1%	20.00
Other Equestrian Sports	0.2	1.00	0.1%	5.00
Hunting	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Snow Boarding	1.1	2.43	1.5%	4.12
Cross Country Skiing	1.0	1.67	0.9%	12.00
Snowmobiling	0.7	1.50	0.5%	10.83
Other Winter Sports	0.2	1.00	0.1%	2.00
<b>Shooting Sports</b>				
Target Shooting	5.4	1.39	4.0%	7.52
Skeet Or Trap Shooting	2.1	1.46	1.6%	13.11
Archery	0.5	1.00	0.3%	30.67
Other Shooting Sports	0.3	1.00	0.2%	18.50
<b>Outdoor Activities</b>				
Hiking	33.7	1.56	27.9%	9.62
Tent Camping	9.0	1.51	7.2%	4.73
Bird Watching	6.9	1.76	6.4%	10.19
Nature Walks	5.7	1.57	4.8%	5.38
RV Camping	1.5	2.33	1.8%	5.10
Off-Road Vehicles	1.1	1.57	1.0%	6.82
Cabin Camping	1.0	2.33	1.2%	1.71
Backpacking	0.8	1.40	0.6%	2.57
Other Outdoor Activities	0.8	2.40	1.0%	11.42
Other Camping	0.7	1.00	0.3%	15.75
Rock Or Wall Climbing	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Attending Fairs Or Festivals	54.5	1.74	50.0%	2.77
Picnicking	35.7	1.78	33.7%	4.51
Attending Outdoor Concerts	30.4	1.67	26.9%	4.02
Visiting Playgrounds	25.2	1.49	19.8%	11.03
<b>Special Facility Activities</b>				
Nature/Gardening Programs	18.8	1.46	14.5%	18.38
Golf	17.2	1.31	11.9%	16.23
Dog Exercising	16.4	1.65	14.3%	27.57

**Table A-6. Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Households with Children under 18 Years Old**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Soccer	31.9	1.51	12.4%	21.56
Baseball	26.7	1.61	11.1%	17.56
Football	21.0	1.66	9.0%	17.17
Softball	16.6	1.63	7.0%	14.21
Lacrosse	12.1	1.40	4.4%	21.54
Field Hockey	3.8	1.42	1.4%	22.48
Other Field Sports	1.4	1.57	0.6%	14.45
T-Ball	0.8	1.75	0.4%	9.29
<b>Court Sports</b>				
Basketball	39.2	1.72	17.3%	20.37
Tennis	19.4	1.94	9.7%	11.19
Volleyball	9.7	1.79	4.5%	19.02
Horseshoes	12.5	1.94	6.2%	4.97
Racquetball	2.2	1.36	0.8%	11.53
Handball	0.4	2.50	0.3%	2.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	16.2	1.54	6.4%	20.24
In-Line Skating	21.4	1.83	10.1%	12.31
Ice Skating	26.3	1.93	13.0%	4.10
Roller Skating	6.3	2.06	3.3%	6.28
Ice Hockey	2.4	1.92	1.2%	14.26
In-Line Hockey	1.0	1.40	0.4%	21.14
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	67.5	3.03	52.6%	9.57
Swimming at Beach/River/Lake	60.6	3.22	50.1%	4.61
Power Boating	18.2	2.64	12.4%	5.57
Sailing	4.6	3.17	3.8%	5.85
Kayaking	5.5	2.85	4.0%	5.23
Canoeing	7.5	2.81	5.4%	3.56
Water Skiing	5.7	2.14	3.1%	5.48
Other Water Sports	1.6	2.0	0.8%	5.63
Rafting	0.6	3.0	0.5%	1.78
Sail Boarding	0.2	1.0	0.1%	15.00
<b>Fishing And Hunting</b>				
Fishing from Boat	20.8	2.12	11.3%	7.22
Fishing from Shore/Bank	21.0	2.29	12.4%	6.54
Hunting	12.3	1.57	5.0%	14.99
Fishing from Pier	11.1	2.05	5.9%	6.92
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	69.3	2.55	45.4%	18.60
Jogging	27.9	1.74	12.5%	24.30
Running	25.1	1.66	10.7%	27.74
Weight Training	19.6	1.72	8.7%	31.01
Aerobics/ Fitness Classes	14.5	1.54	5.8%	37.28
Other Fitness Activities	2.0	2.00	1.0%	10.30
Yoga	2.4	1.67	1.0%	6.55

Table A-6. Continued

<b>Activity</b>	<b>Percent of Participating Households</b>	<b>Average Number of Participants per Household</b>	<b>Individual participation Rate</b>	<b>Frequency of Participation per Person</b>
<b>Cycling Sports</b>				
Pleasure/Recreational Biking	28.5	2.55	18.7%	10.60
Mountain Biking	6.1	1.87	2.9%	13.18
BMX	0.6	1.00	0.2%	43.00
Touring	0.8	2.75	0.6%	6.09
Competitive Cycling	0.4	1.00	0.1%	32.50
Other Cycling Sports	1.0	1.80	0.5%	5.22
<b>Equestrian Sports</b>				
Trail Riding	6.7	1.85	3.2%	8.00
Showing	0.4	1.00	0.1%	10.00
Jumping	0.0	0.00	0.0%	0.00
Hunting	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	11.9	2.41	7.4%	2.81
Snow Boarding	4.6	1.61	1.9%	5.08
Other Winter Sports	3.0	2.93	2.3%	3.27
Cross Country Skiing	1.2	1.50	0.5%	4.67
Snowmobiling	0.4	2.50	0.3%	1.00
<b>Shooting Sports</b>				
Target Shooting	9.3	1.72	4.1%	9.35
Skeet Or Trap Shooting	3.8	1.74	1.7%	10.94
Archery	4.0	1.30	1.4%	13.15
Other Shooting Sports	0.0	0.00	0.0%	0.00
<b>Outdoor Activities</b>				
Hiking	33.1	2.74	23.4%	5.38
Tent Camping	19.0	3.05	14.9%	3.37
Nature Walks	5.7	2.75	4.0%	5.81
Bird Watching	2.6	1.85	1.2%	12.04
RV Camping	2.8	3.93	2.9%	2.35
Cabin Camping	2.2	3.45	2.0%	2.26
Off-Road Vehicles	1.4	2.86	1.0%	3.20
Backpacking	1.0	2.00	0.5%	4.60
Other Camping	0.2	2.00	0.1%	22.50
Rock Or Wall Climbing	1.0	1.80	0.5%	1.89
Other Outdoor Activities	0.8	1.25	0.3%	2.40
<b>Family Or Group Activities</b>				
Visiting Playgrounds	57.2	2.89	42.5%	8.37
Attending Fairs Or Festivals	68.9	3.34	59.2%	2.29
Picnicking	42.4	3.57	39.0%	3.34
Attending Outdoor Concerts	37.0	2.83	26.9%	2.91
<b>Special Facility Activities</b>				
Dog Exercising	21.2	2.50	13.6%	17.82
Golf	23.6	1.65	10.0%	14.17
Nature/Gardening Programs	17.8	1.93	8.8%	10.16

## ADEQUACY OF FACILITIES

Table A-7 reports opinions about the adequacy of eleven major types of park and recreation facilities. It compares data for all households, adults-only households, those in with children, and also includes a breakout of seniors-only households (all members are older than 65) from the adult households group.



The regional tables do not include comparable data because the smaller regional samples did not include enough such households to produce meaningful results.

The only facility a majority (53.8%) of respondents thought there was not enough of is bike lanes along roads. More than a third of respondents, however, said there were not enough indoor recreation facilities (42.2%), swimming pools (39.6%), natural parks and wildlife areas (38.3%), and trails and pathways (34.7%). These are not insubstantial numbers and suggest areas where additional resources might be directed. More than a fourth of respondents said there were not enough picnic facilities (31.2%), playgrounds (29.9%), parks for recreation and leisure (29.1%), dog parks (28.9%), and boating or waterfront facilities (25.6%). Dog parks were the only facilities about which large percentages had no opinion (26.9 percent of all respondents). Almost three-fourths of all respondents thought there were more than enough or enough golf courses, and only 12.9 percent said there were not enough. And with the sole exception of golf courses, fewer than seven percent of respondents said there was more than enough of any facility.

**Table A-7. Adequacy of Park and Recreation Facilities: Percent Responding to Question: “For each of the facilities . . . , please tell me if you think your county has more than enough, enough, or not enough.”**

	All Households	<i>Respondents from:</i>		
		Adult Households	Households with Children	Seniors-Only Households*
<b>Natural Parks and Wildlife Area</b>				
More Than Enough	6.6	6.2	7.1	2.6
Enough	49.5	50.1	48.9	57.7
Not Enough	38.3	36.0	41.2	24.4
Don't Know /No Opinion	5.5	7.7	2.8	15.4
<b>Parks for Recreation &amp; Leisure</b>				
More Than Enough	6.3	6.1	6.7	1.3
Enough	60.4	61.4	59.2	57.7
Not Enough	29.1	26.2	32.7	23.1
Don't Know /No Opinion	4.2	6.4	1.4	17.9
<b>Indoor Recreation Facilities</b>				
More Than Enough	6.1	6.7	5.5	3.8
Enough	41.5	43.0	39.6	48.7
Not Enough	42.2	34.9	51.3	15.4
Don't Know /No Opinion	10.1	15.4	3.6	32.1
<b>Swimming Pools</b>				
More Than Enough	5.7	6.1	5.3	3.8
Enough	45.1	43.4	47.3	43.6
Not Enough	39.6	36.3	43.6	21.8
Don't Know /No Opinion	9.6	14.2	3.8	30.8
<b>Trails &amp; Pathways</b>				
More Than Enough	6.2	6.4	6.1	5.1
Enough	52.3	50.4	54.5	55.1
Not Enough	34.7	33.1	36.8	19.2
Don't Know /No Opinion	6.8	10.1	2.6	20.5
<b>Dog Parks</b>				
More Than Enough	4.0	4.9	2.8	5.1
Enough	40.2	39.3	41.4	32.1
Not Enough	28.9	24.5	34.3	11.5
Don't Know /No Opinion	26.9	31.3	21.4	51.3
<b>Golf Courses</b>				
More Than Enough	14.6	15.5	13.5	10.3
Enough	59.2	57.3	62.2	55.1
Not Enough	12.9	12.6	13.3	10.3
Don't Know /No Opinion	12.9	14.6	10.9	24.4
<b>Playgrounds</b>				
More Than Enough	6.7	6.1	7.5	3.8
Enough	54.7	53.4	-24.4	44.9
Not Enough	29.9	26.8	33.7	21.8
Don't Know /No Opinion	8.7	13.7	2.4	29.5
<b>Picnic Facilities</b>				
More Than Enough	5.3	3.6	7.5	2.6
Enough	56.4	56.5	56.4	53.8
Not Enough	31.2	29.3	33.5	21.8
Don't Know /No Opinion	7.1	10.6	2.6	21.8
<b>Boating or Waterfront Facilities</b>				
More Than Enough	5.6	5.4	5.9	1.3
Enough	56.6	55.2	58.4	51.3
Not Enough	25.6	24.4	27.1	16.7
Don't Know /No Opinion	12.2	15.1	8.7	30.8
<b>Bike Lanes along Roads</b>				
More Than Enough	5.6	5.9	5.3	3.8
Enough	33.0	32.7	33.3	23.1
Not Enough	53.6	49.8	58.4	48.7
Don't Know/No Opinion	7.8	11.6	3.0	24.4

\*included in adult households

## REGIONAL RESULTS

Each of the following sections contains three sets of tables similar to those provided for the statewide sample.

Tables 1, 2 and 3 for each region show household participation rates for all households, adult households and households with children for the top ten activities; other activities drawing participants from more than ten percent of households; and activities that attract participants from two to ten percent of households.

The second set of three tables (Tables 4, 5, and 6) provides data on the percent of households, the average number of household members, individual participation rates and frequency of participation for each activity. The tables are organized by activity category in descending order of the number of user-occasions required to accommodate participants.

Table 7 contains responses from all households and for each of the two principal household age groups to the questions concerning the adequacy of various types of facilities.

These data can be used in several ways in facility planning. As in the illustration on pages 3 and 4, the information for all households in Table 4 can be used in estimating the overall number of facilities and, ultimately, the amounts of land and size of facilities required to serve local demand.

The information in Tables 5 and 6 can assist in planning facilities that serve households with and without children. The 2000 census provides data on the percent of households with children under 18 years old for each county, and for smaller geographic areas, such as municipalities, defined communities, and census tracts. For example, in Allegany County 26.5 percent of all households have children under 18. The incidence of such households varies, however, from 17 to 31 percent across the county's census tracts. Using Tables 5 and 6, planners can make better informed judgments about the mix of facilities needed in different areas of the county to serve better the interests of local users.

Comparisons of small area census data for 1990 and 2000 also make it possible to identify changes that are occurring in households that may suggest changing the mix of facilities in these areas. As communities age, they may need fewer facilities serving children, and more serving adult households. Other communities may have experienced turnover, with new families with younger children moving in.

The survey is a tool, not an answer. It provides a baseline of participation in park and recreation activities in 2002. It is not a forecast of need or demand, although it provides data that can help in making estimates, within broad limits. It

provides information that is most effective when used to complement local census and administrative data and the experience-based judgment of parks professionals and community participants.

**WESTERN MARYLAND**  
**(Garrett, Allegany, Washington, Frederick Counties)**

	<b>Households Surveyed</b>	<b>Individual Household Members</b>
<b>Total</b>	<b>400</b>	<b>1131</b>
<b>Adult Households</b>	<b>211</b>	<b>403</b>
<b>Households with Children</b>	<b>189</b>	<b>728</b>

**Highlights**

- Unlike other regions, fishing from the shore or bank and hunting make Western Maryland’s top ten list.
- No team sports are among the top ten activities for Western Maryland households.
- Biking for pleasure and recreation is among the top ten activities of adult households
- There are significant differences in preferences among activities and rates of participation by those living in households with children and those with no children. For example, baseball is the region’s most popular field sport among both individuals and households attracting 11.8 percent of those living in households with children but just six percent of those from adult households.
- Soccer has the highest average number of participants per household, but baseball and softball are played more often by those that engage in it.
- Basketball is played more often than any field or court sport and players live in a third of households with children.
- There are one or more hikers in one of every three adult households and two of every five households with children.
- Visiting playgrounds is a favorite activity for all households, as is picnicking, attending fairs and festivals, and outdoor concerts.
- Most Western Marylanders think their region does not have enough bike lanes and more than 40 percent say there are not enough indoor recreation facilities and swimming pools. A majority of households with children want more indoor facilities and just under a majority of these households also think there are not enough swimming pools.

**Table B-1. The Ten Most Popular Activities of Western Maryland Households**

<i>Activities</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Walking	70.0	1	70.1	1	69.8	3
Attending Fairs Or Festivals	66.3	2	56.9	2	76.7	1
Swimming at Beach/River/Lake	53.3	3	36.0	4	72.5	2
Swimming at Pool	49.0	4	34.6	5	65.1	4
Picnicking	45.0	5	37.0	3	54.0	5
Visiting Playgrounds	39.3	6	28.4	7	51.3	6
Hiking	36.3	7	31.3	6	41.8	7
Attending Outdoor Concerts	33.5	8	27.0	8	40.7	9
Fishing from Shore/Bank	30.5	9	21.3	10	40.7	8
Hunting	26.3	10	19.4	12	33.9	10

**Table B-2. Other Activities Attracting Participation from More Than 10 Percent of Western Maryland Households**

<i>Activities</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Golf	23.0	12	20.4	11	25.9	18
Pleasure/ Recreational Biking	23.0	13	22.3	9	23.8	20
Basketball	21.8	14	11.4	19	33.3	11
Nature/Gardening Programs	19.3	15	19.4	13	19.1	27
Jogging	19.0	16	12.3	17	26.5	16
Power Boating	18.3	17	14.2	16	22.8	22
Fishing from Boat	17.8	18	11.9	18	24.3	19
Horseshoes	17.5	19	17.1	15	18.0	28
Tent Camping	17.0	20	10.9	22	23.8	21
Baseball	16.5	21	7.6	24	26.5	13
Tennis	16.3	22	11.4	20	21.7	24
Running	16.3	23	7.1	25	26.5	17
Softball	15.8	24	10.9	21	21.2	26
Ice Skating	15.0	25	4.7	30	26.5	15
Soccer	14.3	26	3.3	35	26.5	14
Downhill Skiing	12.8	27	4.7	32	21.7	25
Football	11.5	28	1.9	44	22.2	23
Aerobics/ Fitness Classes	10.5	29	8.5	23	12.7	34
Fishing from Pier	10.0	30	5.2	29	15.3	33
Weight Training	10.0	31	4.7	31	15.9	31

**Table B-3. Activities Attracting Participation from 2 to 10 Percent of Western Maryland Households**

<i>Activities</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Volleyball	9.3	32	3.8	33	15.3	32
In-Line Skating	9.3	33	1.9	45	17.5	29
Target Shooting	9.0	34	7.1	26	11.1	36
Skate Boarding	8.3	35	0.5	61	16.9	30
Canoeing	6.0	36	6.6	27	5.3	42
Snow Boarding	5.5	37	0.5	70	11.1	35
Water Skiing	5.3	38	2.8	37	7.9	38
Trail Riding	5.3	39	1.9	46	9.0	37
Nature Walks	4.8	40	3.3	36	6.4	41
Bird Watching	4.5	41	5.7	28	3.2	47
Roller Skating	4.3	42	2.4	38	6.4	40
Archery	3.8	43	2.4	41	5.3	43
Lacrosse	3.5	44	0.5	55	6.9	39
Skeet Or Trap Shooting	3.5	45	3.8	34	3.2	45
Sailing	2.5	46	2.4	39	2.7	49
Mountain Biking	2.5	47	1.4	50	3.7	44
RV Camping	2.5	48	1.9	47	3.2	46
Cabin Camping	2.3	49	2.4	42	2.1	54
Cross Country Skiing	2.0	50	2.4	40	1.6	55

**Table B-4. Western Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—All Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	16.5	1.44	8.4%	22.28
Softball	15.8	1.21	6.7%	24.20
Soccer	14.3	1.77	8.9%	16.61
Football	11.5	1.63	6.6%	17.13
Lacrosse	3.5	1.93	2.4%	15.81
Field Hockey	1.3	1.00	0.4%	28.80
Other Field Sport	0.5	1.50	0.3%	1.00
T-Ball	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	21.8	1.61	12.4%	21.84
Tennis	16.3	1.68	9.6%	17.05
Volleyball	9.3	1.73	5.7%	13.09
Horseshoes	17.5	1.53	9.5%	7.77
Racquetball	0.3	1.00	0.1%	10.00
Squash	0.3	1.00	0.1%	2.00
Handball	0.3	1.00	0.1%	0.00
Other Court Sports	0.0		0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	8.3	1.64	4.8%	20.72
Ice Skating	15.0	2.07	11.0%	7.38
In-Line Skating	9.3	1.78	5.8%	8.71
Ice Hockey	1.5	1.17	0.6%	39.14
Roller Skating	4.3	2.00	3.0%	5.06
Other Skating Sports	0.3	3.00	0.3%	0.00
In-Line Hockey	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	49.0	2.67	46.2%	10.22
Swimming at Beach/River/Lake	53.3	2.89	54.5%	6.64
Power Boating	18.3	2.41	15.6%	6.31
Canoeing	6.0	2.46	5.2%	3.63
Water Skiing	5.3	1.90	3.5%	4.80
Sailing	2.5	3.40	3.0%	3.97
Kayaking	1.8	1.29	0.8%	9.44
Other Water Sports	0.8	1.67	0.4%	4.20
Rafting	0.5	2.50	0.4%	1.80
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Hunting	26.3	1.61	14.9%	15.61
Fishing from Shore/Bank	30.5	2.07	22.4%	7.51
Fishing from Boat	17.8	2.08	13.1%	8.98
Fishing from Pier	10.0	1.88	6.6%	8.15
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	70.0	1.95	48.4%	25.99
Jogging	19.0	1.74	11.7%	27.08
Running	16.3	1.58	9.1%	31.85
Weight Training	10.0	1.80	6.4%	39.58
Aerobics/ Fitness Classes	10.5	1.67	6.2%	29.50
Other Fitness Activities	1.3	1.40	0.6%	13.57
Yoga	1.0	1.50	0.5%	8.00



Table B-4. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Frequency of Participation per Person</i>
Pleasure/ Recreational Biking	23.0	2.25	18.3%
Mountain Biking	2.5	2.10	1.9%
Other Cycling Sports	0.5	1.50	0.3%
Touring	0.3	1.00	0.1%
Competitive Cycling	0.3	2.00	0.2%
BMX	0.0	0.00	0.0%
<b>Equestrian Sports</b>			
Trail Riding	5.3	1.86	3.4%
Showing	0.3	1.00	0.1%
Jumping	0.3	1.00	0.1%
Hunting	0.3	1.00	0.1%
Other Equestrian Sports	0.3	2.00	0.2%
<b>Winter Sports</b>			
Downhill Skiing	12.8	2.16	9.7%
Snow Boarding	5.5	2.00	3.9%
Cross Country Skiing	2.0	1.38	1.0%
Other Winter Sport	1.8	3.00	1.9%
Snowmobiling	0.5	1.50	0.3%
<b>Shooting Sports</b>			
Target Shooting	9.0	1.47	4.7%
Archery	3.8	1.27	1.7%
Skeet Or Trap Shooting	3.5	1.36	1.7%
Other Shooting Sports	0.0	0.00	0.0%
<b>Outdoor Activities</b>			
Hiking	36.3	2.34	30.1%
Tent Camping	17.0	2.65	15.9%
Bird Watching	4.5	1.83	2.9%
Nature Walks	4.8	2.89	4.9%
Off-Road Vehicles	1.3	1.40	0.6%
RV Camping	2.5	3.20	2.8%
Cabin Camping	2.3	2.11	1.7%
Other Camping	0.8	1.67	0.4%
Backpacking	0.5	1.50	0.3%
Other Outdoor Activities	0.3	1.00	0.1%
Rock Or Wall Climbing	0.0	0.00	0.0%
<b>Family Or Group Activities</b>			
Attending Fairs Or Festivals	66.3	2.71	63.6%
Visiting Playgrounds	39.3	2.46	34.1%
Picnicking	45.0	3.01	47.8%
Attending Outdoor Concerts	33.5	2.34	27.7%
<b>Special Facility Activities</b>			
Dog Exercising	25.3	2.05	18.3%
Nature/Gardening Programs	19.3	1.82	12.4%
Golf	23.0	1.63	13.3%

**Table B-5. Western Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Adult Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Softball	10.0	1.04	6.0%	27.96
Baseball	7.6	1.06	4.2%	30.94
Football	1.9	1.00	1.0%	51.50
Soccer	3.3	2.14	3.7%	4.40
Field Hockey	0.5	1.00	0.2%	50.00
Lacrosse	0.5	1.00	0.2%	70.00
T-Ball	0.0	0.00	0.0%	0.00
Other Field Sports	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Tennis	11.4	1.38	8.2%	24.61
Basketball	11.4	1.25	7.4%	25.03
Horseshoes	17.1	1.17	10.4%	8.69
Volleyball	3.8	1.25	2.5%	30.60
Racquetball	0.5	1.00	0.2%	10.00
Squash	0.5	1.00	0.2%	2.00
Handball	0.5	1.00	0.2%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Ice Skating	4.8	1.80	4.5%	5.50
Ice Hockey	0.5	1.00	0.2%	50.00
In-Line Skating	1.9	2.00	2.0%	2.38
Roller Skating	2.4	1.60	2.0%	2.00
Skate Boarding	0.5	1.00	0.2%	1.00
In-Line Hockey	0.0	0.00	0.0%	0.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming Pool	34.6	1.64	29.8%	13.22
Swimming at Beach/River/Lake	36.0	1.80	34.0%	8.54
Power Boating	14.2	1.63	12.2%	9.16
Canoeing	6.6	1.86	6.5%	4.96
Water Skiing	2.8	1.00	1.5%	10.33
Kayaking	1.4	1.00	0.7%	13.67
Sailing	2.4	1.80	2.2%	4.33
Other Water Sports	1.0	1.50	0.7%	3.67
Rafting	0.5	1.00	0.2%	1.00
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Hunting	19.4	1.34	13.6%	20.13
Fishing from Shore/Bank	21.3	1.36	15.1%	10.03
Fishing from Boat	11.9	1.44	8.9%	10.25
Fishing from Pier	5.2	1.45	4.0%	9.44
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	70.1	1.54	56.6%	28.32
Jogging	12.3	1.42	9.2%	29.16
Aerobics/ Fitness Classes	8.5	1.50	6.7%	32.56
Running	7.1	1.40	5.2%	35.86
Weight Training	4.7	1.40	3.5%	31.57
Yoga	1.4	1.33	1.0%	12.00
Other Fitness Activities	0.5	2.00	0.5%	12.50

Table B-5. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Biking	22.3	1.53	17.9%	18.35
Mountain Biking	1.4	2.00	1.5%	8.67
Other Cycling Sports	0.5	2.00	0.5%	25.00
Touring	0.5	1.00	0.2%	30.00
Competitive Cycling	0.5	2.00	0.5%	5.00
BMX	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	1.9	1.00	1.0%	38.00
Showing	0.5	1.00	0.2%	20.00
Jumping	0.5	1.00	0.2%	20.00
Hunting	0.5	1.00	0.2%	2.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	4.7	1.30	3.2%	6.62
Cross Country Skiing	2.4	1.40	1.7%	12.14
Snowmobiling	1.0	1.50	0.7%	14.00
Other Winter Sports	1.0	1.00	0.5%	6.00
Snow Boarding	0.5	1.00	0.2%	5.00
<b>Shooting Sports</b>				
Archery	2.4	1.00	1.2%	54.00
Target Shooting	7.1	1.13	4.2%	14.29
Skeet Or Trap Shooting	3.8	1.13	2.2%	10.67
Other Shooting Sports	0.0	0.00	0.0%	0.00
<b>Outdoor Activities</b>				
Hiking	31.3	1.62	26.6%	12.14
Bird Watching	5.7	1.92	5.7%	10.09
Off-Road Vehicles	2.4	1.40	1.7%	26.29
Tent Camping	10.9	2.04	11.7%	3.87
Cabin Camping	2.4	1.40	1.7%	18.29
RV Camping	1.9	2.00	2.0%	9.50
Nature Walks	3.3	1.43	2.5%	4.40
Other Camping	1.0	1.50	0.7%	13.67
Backpacking	0.5	1.00	0.2%	12.00
Other Outdoor Activities	0.5	1.00	0.2%	8.00
Rock or Wall Climbing	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	28.4	1.58	23.6%	9.95
Picnicking	37.0	2.04	39.5%	5.77
Attending Fairs or Festivals	56.9	1.83	54.3%	2.34
Attending Outdoor Concerts	27.0	1.89	26.8%	2.42
<b>Special Facility Activities</b>				
Dog Exercising	18.5	1.51	14.6%	30.76
Golf	20.4	1.35	14.4%	23.62
Nature/Gardening Programs	19.4	1.56	15.9%	19.45

**Table B-6. Western Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Households with Children Under 18 Years Old**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Soccer	26.5	1.72	11.8%	18.74
Baseball	26.5	1.56	10.7%	20.40
Softball	21.2	1.30	7.1%	22.46
Football	22.2	1.69	9.8%	15.20
Lacrosse	6.9	2.00	3.6%	16.15
Field Hockey	2.1	1.00	0.5%	23.50
Other Field Sports	1.1	1.50	0.4%	1.00
T-Ball	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	33.3	1.75	15.1%	20.96
Tennis	21.7	1.85	10.4%	13.76
Volleyball	15.3	1.86	7.4%	9.85
Horseshoes	18.0	1.91	8.9%	7.17
Racquetball	0.0	0.00	0.0%	0.00
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	16.9	1.66	7.3%	21.09
Ice Skating	26.5	2.12	14.6%	7.70
In-Line Skating	17.5	1.76	8.0%	9.59
Ice Hockey	2.6	1.20	0.8%	37.33
Roller Skating	6.3	2.17	3.6%	6.00
Other Skating Sports	0.5	3.00	0.4%	0.00
In-Line Hockey	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	65.1	3.28	55.4%	9.33
Swimming at Beach/River/Lake	72.5	3.50	65.8%	6.10
Power Boating	22.8	2.95	17.4%	5.20
Water Skiing	7.9	2.27	4.7%	3.82
Sailing	2.6	5.00	3.4%	3.84
Canoeing	5.3	3.30	4.5%	2.58
Kayaking	2.1	1.50	0.8%	7.33
Other Water Sports	0.5	2.00	0.3%	5.00
Rafting	0.5	4.00	0.5%	2.00
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Hunting	33.9	1.78	15.7%	13.43
Fishing from Shore/Bank	40.7	2.49	26.4%	6.71
Fishing from Boat	24.3	2.43	15.4%	8.57
Fishing from Pier	15.3	2.03	8.1%	7.80
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	69.8	2.42	43.8%	24.33
Running	26.5	1.64	11.3%	30.83
Jogging	26.5	1.90	13.0%	26.27
Weight Training	15.9	1.93	8.0%	41.52
Aerobics/ Fitness Classes	12.7	1.79	5.9%	27.58
Other Fitness Activities	2.1	1.25	0.7%	14.00
Yoga	0.5	2.00	0.3%	0.00

Table B-6. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	23.8	3.00	18.5%	9.33
Mountain Biking	3.7	2.14	2.1%	5.73
Other Cycling Sports	0.5	1.00	0.1%	25.00
Competitive Cycling	0.0	0.00	0.0%	0.00
Touring	0.0	0.00	0.0%	0.00
BMX	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	9.0	2.06	4.8%	6.77
Other Equestrian Sports	0.5	2.00	0.3%	1.00
Showing	0.0	0.00	0.0%	0.00
Jumping	0.0	0.00	0.0%	0.00
Hunting	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Snow Boarding	11.1	2.05	5.9%	7.16
Downhill Skiing	21.7	2.37	13.3%	3.03
Other Winter Sports	2.6	3.80	2.6%	2.26
Cross Country Skiing	1.6	1.33	0.5%	2.50
Snowmobiling	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	11.1	1.71	4.9%	12.53
Archery	5.3	1.40	1.9%	15.14
Skeet Or Trap Shooting	3.2	1.67	1.4%	5.80
Other Shooting Sports	0.0	0.00	0.0%	0.00
<b>Outdoor Activities</b>				
Hiking	41.8	2.95	32.0%	4.37
Tent Camping	23.8	2.96	18.3%	3.88
Nature Walks	6.3	3.75	6.2%	5.93
Bird Watching	3.2	1.67	1.4%	19.30
RV Camping	3.2	4.00	3.3%	4.00
Other Camping	0.5	2.00	0.3%	22.50
Cabin Camping	2.1	3.00	1.6%	2.58
Backpacking	0.5	2.00	0.3%	1.50
Rock Or Wall Climbing	0.0	0.00	0.0%	0.00
Off-Road Vehicles	0.0	0.00	0.0%	0.00
Other Outdoor Activities	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	51.3	3.00	40.0%	7.10
Picnicking	54.0	3.75	52.5%	3.21
Attending Fairs Or Festivals	76.7	3.45	68.7%	2.32
Attending Outdoor Concerts	40.7	2.66	28.2%	3.02
<b>Special Facility Activities</b>				
Dog Exercising	32.8	2.39	20.3%	25.43
Nature/Gardening Programs	19.0	2.11	10.4%	14.67
Golf	25.9	1.88	12.6%	8.95

**Table B-7. Adequacy of Park and Recreation Facilities in Western Maryland: Percent Responding to Question: “Please tell me if you think your county has more than enough, enough, or not enough . . .”**

	All Households	Adult Households	Households with Children
<b>Natural Parks or Wildlife Areas</b>			
More Than Enough	6.8	7.1	6.3
Enough	59.5	58.8	60.3
Not Enough	30.8	30.3	31.2
Don't Know/No Opinion	3.0	3.8	2.1
<b>Parks For Recreation &amp; Leisure Activities</b>			
More Than Enough	5.3	6.2	4.2
Enough	66.8	67.8	65.6
Not Enough	25.8	22.3	29.6
Don't Know/No Opinion	2.3	3.8	0.5
<b>Indoor Recreation Facilities</b>			
More Than Enough	4.8	5.7	3.7
Enough	46.8	54.0	38.6
Not Enough	43.5	34.1	54.0
Don't Know/No Opinion	5.0	6.2	3.7
<b>Swimming Pools</b>			
More Than Enough	6.0	6.6	5.3
Enough	48.0	50.7	45.0
Not Enough	43.0	37.4	49.2
Don't Know/No Opinion	3.0	5.2	0.5
<b>Trails &amp; Pathways</b>			
More Than Enough	9.5	9.5	9.5
Enough	58.5	55.9	61.4
Not Enough	29.5	31.8	27.0
Don't Know/No Opinion	2.5	2.8	2.1
<b>Dog Parks</b>			
More Than Enough	3.0	3.8	2.1
Enough	44.8	43.6	46.0
Not Enough	35.0	30.3	40.2
Don't Know/No Opinion	17.3	22.3	11.6
<b>Golf Courses</b>			
More Than Enough	25.8	27.5	23.8
Enough	62.3	57.8	67.2
Not Enough	6.8	8.5	4.8
Don't Know/No Opinion	5.3	6.2	4.2
<b>Playgrounds</b>			
More Than Enough	6.5	7.1	5.8
Enough	64.0	65.4	62.4
Not Enough	25.5	22.3	29.1
Don't Know/No Opinion	4.0	5.2	2.6
<b>Picnic Facilities</b>			
More Than Enough	7.0	5.7	8.5
Enough	68.3	66.8	69.8
Not Enough	22.8	24.6	20.6
Don't Know/No Opinion	2.0	2.8	1.1
<b>Boating Or Waterfront Activities</b>			
More Than Enough	6.8	8.1	5.3
Enough	62.0	60.7	63.5
Not Enough	26.3	25.1	27.5
Don't Know/No Opinion	5.0	6.2	3.7
<b>Bike Lanes Along Roads</b>			
More Than Enough	5.5	5.2	5.8
Enough	26.5	32.2	20.1
Not Enough	64.0	57.3	71.4
Don't Know/No Opinion	4.0	5.2	2.6

**SUBURBAN BALTIMORE**  
**(Carroll, Howard, Anne Arundel, Baltimore, and Harford Counties)**

	<b>Households Surveyed</b>	<b>Individual Household Members</b>
<b>Total</b>	<b>400</b>	<b>1142</b>
<b>Adult Households</b>	<b>229</b>	<b>459</b>
<b>Households with Children</b>	<b>171</b>	<b>683</b>

**Highlights**

- Golf and Jogging are among the top ten activities of Suburban Baltimore Households.
- Dog Exercising ranks eleventh in popularity.
- Soccer and Lacrosse are the dominant field sports for households with children. Soccer is more popular than basketball, both in the number of households with players and in the rate of participation by individuals.
- Hiking is the most popular outdoor activity for all households.
- Over 45 percent of adult households and 53 percent of those with children think there are not enough natural parks and wildlife areas in Suburban Baltimore.
- Large percentages also say there are not enough trails and pathways or swimming pools.

**Table C-1. The Ten Most Popular Activities of Suburban Baltimore Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Walking	65.5	1	64.6	1	66.7	4
Attending Fairs or Festivals	57.0	2	47.6	2	69.6	3
Swimming at Beach/River/Lake	55.0	3	42.4	3	71.9	1
Swimming at Pool	53.8	4	41.5	4	70.2	2
Hiking	38.3	5	36.2	5	40.9	8
Picnicking	37.5	6	33.2	6	43.3	6
Visiting Playgrounds	33.8	7	21.4	9	50.3	5
Attending Outdoor Concerts	32.3	8	27.9	7	38.0	10
Golf	24.0	9	21.0	10	28.1	12
Jogging	23.5	10	20.5	11	27.5	13

**Table C-2. Other Activities Attracting Participants from More Than 10 Percent of Suburban Baltimore Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Soccer	23.3	11	9.6	21	41.5	7
Dog Exercising	23.0	12	20.5	12	26.3	15
Basketball	22.8	13	10.9	20	25.1	18
Pleasure/ Recreational Biking	21.0	14	14.8	14	29.2	11
Nature/Gardening Programs	20.0	15	21.8	8	17.5	28
Fishing from Boat	19.8	16	17.0	13	23.4	24
Running	18.5	17	13.1	18	25.7	17
Ice Skating	18.0	18	11.4	19	26.9	14
Fishing from Shore/Bank	18.0	19	14.0	15	23.4	23
Power Boating	17.8	20	13.5	16	23.4	22
Tennis	16.8	21	13.1	17	21.6	25
Baseball	14.8	22	7.0	28	25.1	18
Tent	14.8	23	7.4	27	24.6	21
In-Line Skating	14.3	24	6.1	35	25.1	19
Lacrosse	13.5	25	4.4	39	25.7	16
Skate Boarding	12.8	26	3.9	41	24.6	20
Softball	12.5	27	9.2	23	17.0	29
Football	12.5	28	7.0	29	19.9	26
Weight Training	12.0	29	7.9	26	17.5	27
Aerobics/ Fitness class	10.8	30	9.6	22	12.3	34
Horseshoes	10.0	31	8.3	24	12.3	33
Hunting	10.0	32	7.9	25	12.9	32
Target Shooting	10.0	33	7.0	32	14.0	30



**Table C-3. Activities Attracting Participants from 2-10 Percent of Suburban Baltimore Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Downhill Skiing	9.5	34	6.6	34	13.5	31
Fishing from Pier	7.8	35	5.7	36	10.5	36
Volleyball	7.3	36	4.8	38	10.5	35
Canoeing	7.3	37	7.0	31	7.6	42
Mountain Biking	6.8	38	3.	43	10.5	37
Sailing	6.5	39	7.0	30	5.8	45
Bird Watching	5.5	40	7.0	33	3.5	53
Kayaking	5.0	41	4.4	40	5.8	46
Water Skiing	5.0	42	1.7	51	9.4	38
Snow Boarding	5.0	43	2.6	48	8.2	40
Nature Walks	5.0	44	5.2	37	4.7	49
Roller Skating	4.8	45	3.9	42	5.8	44
Trail Riding	4.8	46	2.2	50	8.2	39
Skeet or Trap Shooting	4.5	47	3.1	44	6.4	43
Field Hockey	4.0	48	1.3	53	7.6	41
Other Water Sports	3.3	49	2.6	46	7.6	50
Other Fitness Activities	3.3	50	2.6	47	4.1	51
Racquetball	2.5	51	0.9	61	4.7	48
Ice Hockey	2.5	52	2.6	45	2.3	56
RV Camping	2.5	53	2.6	49	2.3	57
Yoga	2.3	54	1.7	52	2.9	54
Other Winter Sport	2.3	55	0.0	82	5.3	47
Archery	2.0	56	0.4	67	4.1	52

**Table C-4. Suburban Baltimore Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—All Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Soccer	23.3	1.59	13.0%	19.93
Lacrosse	13.5	1.37	7.1%	22.15
Softball	12.5	1.46	6.9%	21.16
Baseball	14.8	1.48	6.5%	18.11
Football	12.5	1.44	6.3%	13.96
Field Hockey	4.0	1.25	1.8%	27.85
Other Field Sport	1.3	1.60	0.7%	8.38
T-Ball	0.3	1.00	0.1%	25.00
<b>Court Sports</b>				
Basketball	22.8	1.42	11.3%	19.60
Tennis	16.8	1.76	10.3%	13.11
Volleyball	7.3	1.53	5.3%	15.82
Horseshoes	10.0	1.90	4.8%	7.26
Racquetball	2.5	1.40	1.2%	10.43
Squash	0.3	2.00	0.2%	60.00
Handball	0.3	1.00	0.1%	3.50
Other Court Sport	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	12.8	1.85	11.6%	22.16
In-Line Skating	14.3	1.68	8.4%	17.17
Ice Skating	18.0	1.57	7.0%	5.48
Ice Hockey	2.5	1.68	2.8%	20.10
Roller Skating	4.8	2.10	1.8%	3.84
In-line Hockey	0.3	1.00	0.1%	0.00
Other Skating Sport	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	53.8	2.57	49.6%	11.57
Swimming at Beach/River/Lake	55.0	2.43	45.8%	5.57
Power Boating	17.8	2.34	14.5%	7.09
Sailing	6.5	2.31	5.9%	10.02
Canoeing	7.3	2.08	4.7%	6.81
Kayaking	5.0	2.10	3.7%	6.48
Water Skiing	5.0	2.10	3.7%	3.98
Other Water Sports	3.3	1.62	1.8%	5.24
Sail Boarding	0.3	2.00	0.4%	15.00
Rafting	0.5	1.00	0.1%	2.75
<b>Fishing and Hunting</b>				
Fishing from Boat	19.8	1.80	12.4%	7.08
Fishing from Shore/Bank	18.0	2.00	12.6%	6.13
Fishing from Pier	7.8	1.38	4.8%	9.12
Hunting	10.0	1.84	5.0%	8.15
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	65.5	1.95	44.8%	22.31
Jogging	23.5	1.50	12.3%	28.14
Running	18.5	1.42	9.2%	32.33
Weight Training	12.0	1.69	7.1%	24.19
Aerobics/ Fitness Classes	10.8	1.44	5.4%	30.47
Other Fitness Activities	3.3	1.54	1.8%	17.90
Yoga	2.3	1.00	0.8%	32.11

Table C-4. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Biking	21.0	2.29	16.8%	11.23
Mountain Biking	6.8	1.85	4.4%	11.92
Touring	1.5	2.00	1.1%	15.92
Competitive Cycling	1.0	1.25	0.4%	36.20
Other Cycling Sports	0.5	3.00	0.5%	2.50
BMX	0.3	1.00	0.1%	0.00
<b>Equestrian Sports</b>				
Trail riding	4.8	1.58	2.6%	7.97
Showing	0.5	1.00	0.2%	10.00
Jumping	0.3	1.00	0.1%	0.00
Other Equestrian Sports	0.3	1.00	0.1%	5.00
Hunting	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill skiing	9.5	2.47	8.2%	4.05
Snow Boarding	5.0	2.05	3.6%	4.80
Cross Country Skiing	1.3	2.56	2.0%	15.25
Other Winter sport	2.3	1.60	0.7%	3.39
Snowmobiling	1.0	2.25	0.8%	1.44
<b>Shooting Sports</b>				
Target Shooting	10.0	1.50	5.3%	8.42
Skeet or Trap Shooting	4.5	1.78	2.8%	10.47
Archery	2.0	1.25	0.9%	7.50
Other Shooting Sport	0.3	1.00	0.1%	1.00
<b>Outdoor Activities</b>				
Hiking	38.3	2.18	29.2%	6.62
Tent Camping	14.8	2.81	14.5%	3.08
Bird Watching	5.5	2.05	3.9%	12.49
Nature Walks	5.0	2.10	3.7%	8.55
RV Camping	2.5	3.30	2.9%	3.12
Other Outdoor Activities	1.3	3.40	1.5%	10.11
Cabin Camping	1.3	1.40	0.6%	1.47
Backpacking	1.0	1.80	0.8%	3.17
Off-road vehicles	1.3	1.50	0.5%	2.29
Rock or Wall Climbing	0.8	2.00	0.5%	1.83
Other camping	0.5	1.00	0.2%	1.00
<b>Family or Group Activities</b>				
Visiting Playgrounds	33.8	2.62	52.4%	9.06
Picnicking	37.5	2.79	36.6%	3.72
Attending Fairs or Festivals	57.0	2.48	29.3%	2.53
Attending Outdoor Concerts	32.3	2.22	25.0%	3.29
<b>Special Facility Activities</b>				
Dog Exercising	23.0	1.55	13.0%	18.80
Golf	24.0	2.13	17.2%	12.25
Nature/Gardening Programs	20.0	1.74	12.2%	13.10

**Table C-5. Suburban Baltimore Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Adult Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Softball	9.2	1.48	6.8%	18.60
Soccer	9.6	1.36	6.5%	17.90
Football	7.0	1.38	4.8%	11.00
Baseball	7.0	1.25	4.4%	11.70
Lacrosse	4.4	1.30	2.8%	14.50
Field Hockey	1.3	1.00	0.7%	19.00
Other Field Sport	0.4	2.00	0.4%	5.00
T-Ball	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Tennis	13.1	1.23	8.1%	19.60
Basketball	10.9	1.32	7.2%	21.00
Horseshoes	8.3	1.63	6.8%	10.30
Volleyball	4.8	1.45	3.5%	12.10
Squash	0.4	1.00	0.2%	60.00
Racquetball	0.9	1.50	0.7%	10.30
Handball	0.0	0.00	0.0%	0.00
Other Court Sport	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
In-Line Skating	6.1	1.21	3.7%	19.00
Ice Skating	11.4	1.38	7.8%	8.90
Ice Hockey	2.6	1.17	1.5%	34.70
Skate Boarding	3.9	1.11	2.2%	18.90
Roller Skating	3.9	1.11	2.2%	4.40
In-Line Hockey	0.0	0.00	0.0%	0.00
Other Skating Sport	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	41.5	1.51	31.2%	15.10
Swimming at Beach/River/Lake	42.4	1.71	36.2%	7.60
Power Boating	13.5	1.84	12.4%	6.50
Sailing	7.0	1.81	6.3%	11.30
Canoeing	7.0	2.00	7.0%	9.80
Kayaking	4.4	1.50	3.3%	5.50
Water Skiing	1.7	2.00	1.7%	5.50
Other Water Sports	2.6	1.17	1.5%	1.40
Sail Boarding	0.0	0.00	0.0%	0.00
Rafting	0.0	0.00	0.0%	0.00
<b>Fishing and Hunting</b>				
Fishing from Boat	17.0	1.64	13.9%	9.10
Fishing from shore/Bank	14.0	1.81	12.6%	6.80
Fishing from Pier	5.7	1.62	4.6%	10.80
Hunting	7.9	1.17	4.6%	8.40
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	64.6	1.61	52.1%	25.90
Jogging	20.5	1.47	15.0%	23.80
Running	13.1	1.33	8.7%	32.50
Weight Training	7.9	1.39	5.4%	31.00
Aerobics/Fitness Classes	9.6	1.73	8.3%	17.30
Yoga	1.7	1.00	0.9%	51.80
Other Fitness Activities	2.6	1.17	1.5%	24.10

Table C-5. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Biking	14.8	1.47	10.9%	16.40
Mountain Biking	3.9	1.89	3.7%	9.20
Touring	1.3	1.67	1.1%	30.80
Competitive Cycling	1.3	1.33	0.9%	32.80
BMX	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	2.2	1.20	1.3%	7.30
Other Equestrian Sports	0.4	1.00	0.2%	5.00
Showing	0.0	0.00	0.0%	0.00
Jumping	0.0	0.00	0.0%	0.00
Hunting	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	6.6	1.67	5.4%	6.60
Cross Country Skiing	1.3	1.67	1.1%	20.40
Snow Boarding	2.6	2.50	3.3%	4.40
Snowmobiling	0.9	2.00	0.9%	2.00
Other Winter Sports	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Skeet or Trap Shooting	3.1	1.71	2.6%	14.60
Target Shooting	7.0	1.38	4.8%	6.40
Archery	0.4	1.00	0.2%	1.00
Other Shooting Sports	0.4	1.00	0.2%	1.00
<b>Outdoor Activities</b>				
Hiking	36.2	1.65	29.8%	8.20
Bird Watching	7.0	1.88	6.5%	11.80
Nature Walks	5.2	1.83	4.8%	9.10
Tent Camping	7.4	1.65	6.1%	5.70
Other Outdoor Activities	1.3	2.33	1.5%	11.70
RV Camping	2.6	2.83	3.7%	4.50
Off-roan Vehicles	1.3	1.67	1.1%	2.80
Cabin Camping	1.3	3.00	2.0%	1.40
Backpacking	0.9	1.50	0.7%	4.00
Other Camping	0.9	1.00	0.4%	1.00
Rock or Wall Climbing	0.0	0.00	0.0%	0.00
<b>Family or Group Activities</b>				
Visiting playgrounds	21.4	1.53	16.3%	9.90
Picnicking	33.2	1.92	31.8%	5.00
Attending Fairs or Festivals	47.6	1.80	42.7%	2.80
Attending Outdoor Concerts	27.9	1.66	23.1%	4.50
<b>Special Facility Activities</b>				
Dog Exercising	20.5	1.81	18.5%	21.60
Nature/Gardening Programs	21.8	1.54	16.8%	16.40
Golf	21.0	1.29	13.5%	13.50

**Table C-6. Suburban Baltimore Park and Recreation Activities in Descending Order of Total Number of Participations—Households with Children Under 18 Years Old**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Soccer	41.5	1.66	17.3%	20.45
Lacrosse	25.7	1.50	9.7%	23.67
Baseball	25.1	1.42	8.9%	20.21
Softball	17.0	1.48	6.3%	23.00
Football	19.9	1.47	7.3%	15.26
Field Hockey	7.6	1.31	2.5%	29.41
Other field Sport	2.3	1.50	0.9%	9.50
T-Ball	0.6	1.00	0.1%	25.00
<b>Court Sports</b>				
Basketball	38.6	1.45	14.1%	19.10
Tennis	21.6	2.19	11.9%	10.16
Volleyball	10.5	2.17	5.7%	17.33
Horseshoes	12.3	1.43	4.4%	4.17
Racquetball	4.7	1.38	1.6%	10.45
Handball	0.6	2.00	0.3%	3.50
Squash	0.0	0.00	0.0%	0.00
Other Court Sport	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	24.6	1.67	10.2%	22.63
In-Line Skating	25.1	1.84	11.6%	16.77
Ice Skating	26.9	2.11	14.2%	4.22
Ice Hockey	2.3	3.50	2.0%	12.79
Roller skating	5.8	2.20	3.2%	3.59
In-Line Hockey	0.6	1.00	0.1%	0.00
Other Skating sport	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	70.2	3.17	55.6%	10.25
Swimming at Beach/River/Lake	71.9	3.25	58.6%	4.74
Power Boating	23.4	2.73	16.0%	7.39
Sailing	5.8	2.50	3.7%	8.48
Kayaking	5.8	2.70	4.0%	7.00
Canoeing	7.6	2.69	5.1%	4.09
Water Skiing	9.4	2.13	5.0%	3.62
Other Water Sports	4.1	2.00	2.0%	7.14
Sail Boarding	0.6	1.00	0.1%	15.00
Rafting	1.2	2.00	0.6%	2.75
<b>Fishing and Hunting</b>				
Fishing from Shore/Bank	23.4	2.15	12.6%	5.66
Fishing from Boat	23.4	1.95	11.4%	5.44
Fishing from Pier	10.5	2.00	5.3%	8.14
Hunting	12.9	1.55	5.0%	7.97
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	66.7	2.39	40.0%	19.17
Jogging	27.5	1.53	10.5%	32.33
Running	25.7	1.48	9.5%	32.23
Aerobics/ Fitness class	12.3	1.14	3.5%	51.33
Weight Training	17.5	1.87	8.2%	21.13
Other Fitness Activities	4.1	1.86	1.9%	14.54
Yoga	2.9	1.00	0.7%	16.40

Table C-6. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Biking	29.2	2.84	20.8%	9.42
Mountain Biking	10.5	1.83	4.8%	13.33
Competitive Cycling	0.6	1.00	0.1%	50.00
Touring	1.8	2.33	1.0%	5.29
Other Cycling Sports	1.2	3.00	0.9%	2.50
BMX	0.6	1.00	0.1%	0.00
<b>Equestrian Sports</b>				
Trail riding	8.2	1.71	3.5%	8.13
Showing	1.2	1.00	0.3%	10.00
Jumping	0.6	1.00	0.1%	0.00
Hunting	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	13.5	3.00	10.1%	3.12
Snow Boarding	8.2	1.86	3.8%	5.04
Other Winter Sports	5.3	2.56	3.4%	3.39
Cross Country Skiing	1.2	1.50	0.4%	6.67
Snowmobiling	1.2	2.50	0.7%	1.00
<b>Shooting Sports</b>				
Target Shooting	14	1.58	5.6%	9.58
Skeet or Trap Shooting	6.4	1.82	2.9%	8.00
Archery	4.1	1.29	1.3%	8.22
Other Shooting Sport	0.0	0.00	0.0%	0.00
<b>Outdoor Activities</b>				
Hiking	40.9	2.81	28.8%	5.53
Tent Camping	24.6	3.29	20.2%	2.55
Bird Watching	3.5	2.50	2.2%	13.8
Nature Walks	4.7	2.05	2.9%	7.95
RV Camping	2.3	4.00	2.3%	1.63
Cabin Camping	1.2	4.00	1.2%	1.50
Rock or Wall Climbing	1.8	2.00	0.9%	1.83
Other Outdoor Activities	1.2	1.00	0.3%	4.50
Backpacking	1.2	1.50	0.4%	2.33
Off-road Vehicles	1.2	1.00	0.3%	1.00
Other Camping	0.0	0.00	0.0%	0.00
<b>Family or Group Activities</b>				
Visiting Playgrounds	50.3	3.02	38.1%	8.81
Attending Fairs or Festivals	69.6	3.38	58.9%	2.38
Picnicking	43.3	3.68	39.8%	3.05
Attending Outdoor Concerts	38.00	2.77	26.4%	2.59
<b>Special Facility Activities</b>				
Dog Exercising	26.3	2.47	16.3%	16.66
Golf	28.1	1.81	12.7%	11.36
Nature/Gardening Programs	17.5	2.07	9.1%	8.97

**Table C-7. Adequacy of Park and Recreation Facilities in Suburban Baltimore: Percent Responding to Question: “Please tell me if you think your county has more than enough, enough, or not enough. . . .”**

	All Households	Adult Households	Households with Children
<b>Natural Parks and Wildlife Areas</b>			
More than Enough	6.5	7.0	5.8
Enough	42.0	45.4	37.4
Not enough	45.3	39.3	53.2
Don't Know/No Opinion	6.3	8.3	3.5
<b>Parks for Recreation and Leisure</b>			
More than Enough	7.0	7.4	6.4
Enough	53.5	54.1	52.6
Not enough	33.8	30.1	38.6
Don't Know/No Opinion	5.8	8.3	2.3
<b>Indoor Recreation Facilities</b>			
More than Enough	5.8	7.0	4.1
Enough	36.8	37.1	36.3
Not enough	43.0	33.6	55.6
Don't Know/No Opinion	14.5	22.3	4.1
<b>Swimming Pools</b>			
More than Enough	5.8	7.0	4.1
Enough	37.0	33.6	41.5
Not enough	43.5	40.2	48.0
Don't Know/No Opinion	13.8	19.2	6.4
<b>Trails &amp; Pathways</b>			
More than Enough	6.5	7.9	4.7
Enough	49.3	48.5	50.3
Not enough	35.8	31.4	41.5
Don't Know/No Opinion	8.5	12.2	3.5
<b>Dog Parks</b>			
More than Enough	6.5	7.9	4.7
Enough	30.0	26.6	34.5
Not enough	31.8	28.4	36.3
Don't Know/No Opinion	31.8	37.1	24.6
<b>Golf Courses</b>			
More than Enough	13.8	14.0	13.5
Enough	58.0	55.0	62.0
Not enough	12.5	12.7	12.3
Don't Know/No Opinion	15.8	18.3	12.3
<b>Playgrounds</b>			
More than Enough	6.5	6.1	7.0
Enough	52.8	49.3	57.3
Not enough	28.3	25.3	32.2
Don't Know/No Opinion	12.5	19.2	3.5
<b>Picnic Facilities</b>			
More than Enough	5.0	4.8	5.3
Enough	53.8	49.8	59.1
Not enough	32.0	31.4	32.7
Don't Know/No Opinion	9.3	14.0	2.9
<b>Boating or Waterfront Activities</b>			
More than Enough	5.0	5.7	4.1
Enough	55.5	54.6	56.7
Not enough	24.8	22.7	27.5
Don't Know/No Opinion	14.8	17.0	11.7
<b>Bike Lanes Along Roads</b>			
More than Enough	4.8	6.1	2.9
Enough	26.8	27.5	25.7
Not enough	59.5	54.1	66.7
Don't Know/No Opinion	9.0	12.2	4.7



## BALTIMORE CITY

	Households Surveyed	Individual Household Members
<b>Total</b>	<b>399</b>	<b>1028</b>
<b>Adult Households</b>	<b>235</b>	<b>393</b>
<b>Households with Children</b>	<b>164</b>	<b>635</b>

### Highlights

- Basketball and jogging are among Baltimore households' top ten activities, with high rates of participation by members of households with children.
- There is a wide difference between adult households and those with children in both participation rates and rank in visiting playgrounds.
- Baseball and Football are the favorite field sports for City households, attracting players from almost a fourth of all households with children.
- Soccer and softball are next in popularity.
- High percentages of Baltimoreans say there are not enough natural parks and wildlife areas, indoor recreation facilities, swimming pools, playgrounds, picnic facilities, and bike lanes in the City.

**Table D-1. The Ten Most Popular Activities of Baltimore City Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Walking	67.4	1	70.2	1	63.4	2
Attending Fairs or Festivals	63.9	2	60.4	2	68.9	1
Swimming at Beach/River/Lake	41.4	3	38.3	3	45.7	5
Swimming at Pool	41.1	4	30.6	7	56.1	4
Visiting Playgrounds	38.3	5	22.1	9	61.6	3
Attending Outdoor Concerts	37.8	6	36.6	5	39.6	7
Picnicking	34.6	7	38.3	4	29.3	8
Hiking	26.3	8	31.9	6	18.3	15
Basketball	26.1	9	17.0	10	44.5	6
Jogging	17.5	10	13.2	15	23.2	12

**Table D-2. Other Activities Attracting Participants from More Than 10 Percent of Baltimore City Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Running	16.3	11	9.8	21	25.6	9
Pleasure/Recreational Cycling	15.8	12	18.7	9	18.3	14
Baseball	14.5	13	8.5	22	23.2	11
Football	14.5	14	8.1	24	23.8	10
Nature/Gardening Programs	14.3	15	17.0	12	10.4	25
Fishing from Shore or Bank	13.0	16	14.0	14	11.6	23
Dog Exercising	12.3	17	14.5	13	9.1	26
Ice Skating	11.0	18	6.8	30	18.3	16
Weight Training	11.0	19	10.2	19	12.2	20
Softball	10.5	20	6.8	29	15.9	17
Soccer	10.5	21	5.1	33	18.3	13
Aerobics or Fitness Classes	10.5	22	17.0	11	12.2	21
Tennis	10.3	23	11.1	17	12.2	18

**Table D-3. Participation in Activities Attracting Participants from 2-10 Percent of Baltimore Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Fishing from Boat	9.5	24	10.6	18	7.9	28
Golf	9.3	25	7.2	27	12.2	22
Horseshoes	8.8	26	7.7	26	10.4	24
Volleyball	7.8	27	7.7	25	7.9	27
In-Line Skating	7.8	28	4.7	35	12.2	19
Tent Camping	6.3	29	6.4	32	6.1	31
Power Boating	5.8	30	8.5	23	1.8	44
Sailing	5.8	31	6.8	30	4.3	36
Bird Watching	5.8	32	6.8	28	3.0	42
Downhill Skiing	5.5	33	11.9	16	3.0	41
Fishing from Pier	4.5	34	11.9	20	7.3	29
Hunting	4.5	35	5.1	34	3.7	38
Mountain Biking	4.3	36	4.3	36	5.5	32
Target Shooting	3.8	37	3.0	38	4.9	34
Roller Skating	3.3	38	3.0	40	6.1	30
Skate Boarding	3.0	39	2.1	42	4.3	35
Lacrosse	2.8	40	2.1	48	4.9	33
Kayaking	2.8	41	2.1	41	3.0	40
Nature Walks	2.8	42	3.0	39	2.4	43
Trail Riding	2.5	43	1.7	46	4.3	37
Canoeing	2.3	44	3.0	37	1.2	46

**Table D-4. Baltimore City Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category--All Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	14.5	1.67	8.7%	16.09
Football	14.5	1.48	9.4%	12.33
Soccer	10.5	1.64	6.0%	13.65
Softball	10.5	1.00	6.7%	11.19
Field Hockey	1.5	1.00	0.6%	39.83
Lacrosse	2.8	1.50	1.1%	21.27
Other Field Sports	0.5	1.00	0.3%	1.00
T-Ball	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	26.1	1.84	18.6%	23.58
Tennis	10.3	1.51	6.0%	16.35
Volleyball	7.8	1.61	4.9%	14.36
Horseshoes	8.8	2.31	7.9%	5.46
Racquetball	0.8	1.33	0.4%	27.50
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
In-Line Skating	7.8	1.81	5.4%	14.63
Skate Boarding	3.0	2.00	2.3%	18.33
Ice Skating	11.0	1.61	6.9%	6.08
Roller Skating	3.3	1.46	1.8%	13.58
Ice Hockey	0.8	1.00	0.3%	38.33
In-Line Hockey	0.5	0.50	0.1%	8.00
Other Skating Sports	0.5	0.50	0.1%	1.00
<b>Water Sports</b>				
Swimming at Pool	41.1	2.29	36.6%	10.15
Swimming at Beach/River/Lake	41.4	2.32	37.2%	5.28
Sailing	5.8	1.96	4.4%	7.31
Power Boating	5.8	1.74	3.9%	7.18
Kayaking	2.8	1.73	1.8%	5.00
Canoeing	2.3	1.89	1.7%	4.35
Other Water Sports	0.8	2.00	0.6%	2.50
Water Skiing	0.5	1.00	0.2%	3.00
Sail Boarding	0.0	0.00	0.0%	0.00
Rafting	0.0	0.00	0.0%	0.00
<b>Fishing and Hunting</b>				
Fishing from Shore or Bank	13.0	1.62	8.2%	7.33
Fishing from Boat	9.5	1.53	5.6%	5.29
Fishing from Pier	4.5	1.17	2.0%	6.19
Hunting	4.5	1.00	1.8%	5.39
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	67.4	2.03	53.2%	27.91
Jogging	17.5	1.57	10.7%	29.13
Running	16.3	1.55	9.8%	27.61
Weight Training	11.0	1.36	5.8%	36.68
Aerobics or Fitness Classes	10.5	1.76	7.2%	29.51
Yoga	1.8	1.71	1.2%	14.75
Other Fitness Activities	1.0	1.50	0.6%	14.67

Table D-4. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Cycling	15.8	1.97	12.1%	15.90
Mountain Biking	4.3	2.00	3.3%	18.44
BMX	0.5	2.00	0.4%	9.25
Touring	0.3	1.00	0.1%	20.00
Competitive Cycling	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	2.5	2.40	2.3%	7.79
Jumping	0.3	1.00	0.1%	25.00
Other Equestrian Sports	0.3	1.00	0.1%	25.00
Showing	0.3	1.00	0.1%	10.00
Hunting	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	5.5	1.73	3.7%	3.66
Snow Boarding	0.8	3.00	0.9%	4.22
Cross Country Skiing	0.5	1.50	0.3%	1.67
Other Winter Sports	0.5	1.50	0.3%	1.67
Snowmobiling	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	3.8	1.33	1.9%	7.20
Archery	0.8	2.00	0.6%	9.50
Skeet or Trap Shooting	0.5	1.00	0.2%	7.50
Other Shooting Sports	0.0	0.00	0.0%	0.00
<b>Outdoor/Nature Activities</b>				
Hiking	26.3	1.73	17.7%	5.36
Bird Watching	5.8	1.70	3.8%	11.72
Tent Camping	6.3	2.36	5.7%	3.86
Nature Walks	2.8	2.18	2.3%	9.00
Other Camping	0.3	1.00	0.1%	50.00
Off-Road Vehicles	0.3	1.00	0.1%	30.00
Cabin Camping	1.00	1.25	0.5%	2.00
RV Camping	0.5	1.50	0.3%	2.67
Backpacking	0.3	2.00	0.2%	2.00
Other Outdoor activities	0.3	2.00	0.2%	1.00
Rock or Wall Climbing	0.0	0.00	0.0%	0.00
<b>Family or Group Activities</b>				
Visiting Playgrounds	38.3	2.34	34.8%	10.01
Attending Fairs or Festivals	63.9	2.44	60.4%	2.79
Attending Outdoor Concerts	37.8	2.25	33.0%	4.14
Picnicking	34.6	2.22	29.9%	3.41
<b>Special Facility Activities</b>				
Dog Exercising	12.3	1.90	9.0%	30.95
Nature/Gardening Programs	14.3	1.72	9.5%	16.96
Golf	9.3	1.43	5.2%	12.89

**Table D-5. Baltimore City Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category--Adult Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	8.5	1.05	5.3%	23.9
Football	8.1	1.16	5.6%	16.00
Softball	6.8	1.19	4.8%	15.38
Soccer	5.1	1.08	3.3%	9.76
Field Hockey	0.4	1.00	0.3%	4.71
Lacrosse	1.3	1.00	0.8%	1.57
T-Ball	0.0	0.00	0.0%	0.00
Other field Sports	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	17.0	1.00	10.2%	39.19
Volleyball	7.7	1.44	6.6%	21.19
Horseshoes	7.7	1.94	8.9%	8.71
Racquetball	1.3	1.33	1.0%	5.24
Tennis	11.1	1.00	6.6%	1.24
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
In-Line Skating	4.7	1.45	4.1%	13.05
Skate Boarding	2.1	1.00	1.3%	10.81
Ice Skating	6.8	1.50	6.1%	8.33
Ice Hockey	1.3	1.00	0.8%	5.48
Roller Skating	1.3	1.67	1.3%	4.90
In-Line Hockey	0.4	1.00	0.3%	0.38
Other Skating Sports	0.4	1.00	0.3%	0.05
<b>Water Sports</b>				
Swimming at Pool	30.6	1.63	29.8%	72.67
Swimming at Beach/River/Lake	38.3	1.50	34.4%	40.29
Power Boating	8.5	1.60	8.1%	12.43
Canoeing	3.0	1.86	3.3%	2.38
Kayaking	2.6	1.67	2.5%	1.29
Sailing	6.8	1.50	6.1%	1.14
Other Water Sports	0.9	2.50	1.3%	2.80
Water Skiing	0.9	1.00	0.5%	0.29
Sail Boarding	0.0	0.00	0.0%	0.00
Rafting	0.0	0.00	0.0%	0.00
<b>Fishing and Hunting</b>				
Fishing from Shore or Bank	14	1.24	10.4%	16.05
Fishing from Boat	10.6	1.48	9.4%	9.57
Hunting	5.1	1.00	3.1%	3.10
Fishing from Pier	2.6	1.00	1.5%	1.05
Other Water Sports	0.9	0.00	1.3%	0.67
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	70.2	1.52	63.6%	37.64
Jogging	13.2	1.32	10.4%	66.33
Weight Training	10.2	1.25	7.6%	55.76
Aerobics or Fitness Classes	17.0	1.00	10.2%	55.33
Running	9.8	1.22	7.1%	38.95
Yoga	2.1	1.00	1.3%	8.14
Other Fitness Activities	1.7	1.50	1.5%	4.19

Table D-5. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Cycling	18.7	1.00	11.2%	34.81
Mountain Biking	4.3	1.00	2.5%	10.57
BMX	1.7	1.00	1.0%	1.76
Touring	0.4	1.00	0.3%	0.95
Competitive Cycling	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	1.7	1.00	1.0%	0.29
Showing	0.0	0.00	0.0%	0.00
Jumping	0.0	0.00	0.0%	0.00
Hunting	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	11.9	1.00	7.1%	4.24
Snow Boarding	0.4	1.00	0.3%	0.29
Cross Country Skiing	0.9	1.50	0.8%	0.24
Other Winter Sports	0.4	1.00	0.3%	0.10
Snowmobiling	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	3.0	1.43	2.5%	3.90
Archery	0.0	0.00	0.0%	0.00
Skeet or Trap Shooting	0.0	0.00	0.0%	0.00
Other Shooting Sports	0.0	0.00	0.0%	0.00
<b>Outdoor Sports</b>				
Hiking	31.9	1.45	27.7%	35.90
Bird Watching	7.7	1.61	7.4%	15.76
Nature Walks	3.0	2.00	3.6%	6.05
Tent Camping	6.4	1.53	5.9%	4.43
Other Camping	0.4	1.00	0.3%	2.38
Off-Road Vehicles	0.4	1.00	0.3%	1.43
Cabin Camping	1.7	1.25	1.3%	0.48
RV Camping	0.9	1.50	0.8%	0.38
Backpacking	0.4	1.00	0.3%	0.10
Rock or Wall Climbing	0.0	0.00	0.0%	0.00
Other Outdoor activities	0.0	0.00	0.0%	0.00
<b>Family or Group Activities</b>				
Visiting Playgrounds	22.1	1.44	19.1%	47.90
Attending Fairs or Festivals	60.4	1.65	59.8%	38.48
Attending Outdoor Concerts	36.6	1.63	35.6%	28.38
Picnicking	38.3	1.64	37.7%	21.19
<b>Special Facility Activities</b>				
Dog Exercising	14.5	1.50	13.0%	97.24
Nature/Gardening Programs	17.0	1.28	13.0%	60.76
Golf	7.2	1.29	5.6%	17.43

**Table D-6. Baltimore City Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category--Households with Children Under 18 Years Old**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	23.2	1.79	10.7%	13.68
Football	23.8	1.92	11.8%	11.47
Soccer	18.3	1.63	7.7%	13.08
Softball	15.9	1.92	7.9%	8.98
Lacrosse	4.9	1.00	1.3%	25.13
Field Hockey	3.0	1.00	0.8%	28.00
Other field Sports	0.6	3.00	0.5%	1.00
T-Ball	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	44.5	2.07	23.8%	24.37
Tennis	12.2	1.08	5.7%	9.44
Volleyball	7.9	1.85	3.8%	11.38
Horseshoes	10.4	2.71	7.2%	5.63
Racquetball	0.0	0.00	0.0%	0.00
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
In-Line Skating	12.2	2.00	6.3%	13.63
Ice Skating	17.1	1.68	7.4%	5.47
Skate Boarding	4.3	2.71	3.0%	11.21
Roller Skating	6.1	1.40	2.2%	11.07
Ice Hockey	0.0	0.00	0.0%	0.00
In-Line Hockey	0.0	0.00	0.0%	0.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	56.1	2.82	40.8%	8.84
Swimming at Beach/River/Lake	45.7	3.29	38.9%	4.74
Sailing	4.3	3.00	3.3%	7.86
kayaking	3.0	1.80	1.4%	7.56
Power Boating	1.8	2.67	1.3%	3.25
Canoeing	1.2	2.00	0.6%	6.00
Other Water Sports	0.6	1.00	0.2%	1.00
Water Skiing	0.0	0.00	0.0%	0.00
Sail Boarding	0.0	0.00	0.0%	0.00
Rafting	0.0	0.00	0.0%	0.00
<b>Fishing and Hunting</b>				
Fishing from Shore or Bank	11.6	2.26	6.8%	6.49
Fishing from Pier	7.3	1.25	2.4%	7.02
Fishing from Boat	7.9	1.62	3.3%	5.05
Hunting	3.7	1.00	0.9%	5.33
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	63.4	2.86	46.8%	19.72
Jogging	23.2	1.82	10.9%	26.25
Training	12.2	1.50	4.7%	34.33
Aerobics or Fitness Classes	12.2	1.70	5.4%	30.06
Running	25.6	1.74	11.5%	1.00
Yoga	1.2	3.50	1.1%	0.86
Other Fitness Activities	0.0	0.00	0.0%	0.00

Table D-6. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Cycling	18.3	2.67	2.9%	15.50
Mountain Biking	5.5	2.67	0.9%	16.88
Competitive Cycling	0.0	0.00	0.0%	0.00
Touring	0.0	0.00	0.0%	0.00
BMX	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	4.3	2.86	0.7%	9.05
Jumping	0.6	1.00	0.1%	25.00
Other Equestrian Sports	0.6	1.00	0.1%	25.00
Showing	0.6	1.00	0.1%	10.00
Hunting	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	3.0	2.00	0.5%	5.00
Snow Boarding	1.2	4.00	0.2%	4.00
Other Winter Sports	0.6	2.00	0.1%	1.50
Cross Country Skiing	0.0	0.00	0.0%	0.00
Snowmobiling	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	4.9	1.25	0.8%	6.20
Archery	1.8	2.00	0.3%	9.50
Skeet or Trap Shooting	1.2	1.00	0.2%	7.50
Other Shooting Sports	0	0.00	0.0%	0.00
<b>Outdoor Activities</b>				
Tent Camping	6.1	3.60	1.0%	3.75
Bird Watching	30	2.00	0.5%	12.60
Nature Walks	2.4	2.50	0.4%	8.90
Hiking	18.3	2.43	2.9%	1.00
Backpacking	0.6	1.00	0.1%	2.00
Other Outdoor activities	0.6	2.00	0.1%	1.00
RV Camping	0.0	0.00	0.0%	0.00
Cabin Camping	0.0	0.00	0.0%	0.00
Other Camping	0.0	0.00	0.0%	0.00
Rock or Wall Climbing	0.0	0.00	0.0%	0.00
Off-Road Vehicles	0.0	0.00	0.0%	0.00
<b>Family of Group Activities</b>				
Visiting Playgrounds	61.6	2.80	9.7%	9.11
Attending Fairs or Festivals	68.9	3.42	10.9%	2.40
Attending Outdoor Concerts	39.6	3.06	6.2%	4.05
Picnicking	29.3	3.31	4.6%	3.78
<b>Special Facility Activities</b>				
Dog Exercising	9.1	2.80	1.4%	19.90
Nature/Gardening Programs	10.4	2.76	1.6%	8.21
Golf	12.2	1.55	1.9%	10.23



**Table D-7. Adequacy of Park and Recreation Facilities in Baltimore City:  
Percent Responding to Question: “For each of the facilities . . . , please tell  
me if you think your county has more than enough, enough, or not  
enough.”**

	All Households	Households with Children	Adult Households	Seniors- Only Households
<b>Natural Parks and Wildlife Areas</b>				
More than Enough	5.8	5.5	6.0	10.0
Enough	47.6	52.4	44.3	43.3
Not Enough	40.9	40.2	41.3	26.7
Don't Know/No Opinion	5.8	1.8	8.5	20.0
<b>Parks for Recreation and Leisure</b>				
More than Enough	3.5	3.0	3.8	6.7
Enough	56.1	54.3	57.4	50.0
Not Enough	36.6	41.7	33.2	26.7
Don't Know/No Opinion	3.8	1.2	5.5	16.7
<b>Indoor Recreation Facilities</b>				
More than Enough	4.3	4.9	3.8	3.3
Enough	41.6	37.2	44.7	26.7
Not Enough	46.1	56.1	39.1	30.0
Don't Know/No Opinion	8.0	1.8	12.3	40.0
<b>Swimming Pools</b>				
More than Enough	4.3	4.9	3.8	0.0
Enough	42.1	41.5	42.6	23.3
Not Enough	46.1	51.2	42.6	50.0
Don't Know/No Opinion	7.5	2.4	11.1	26.7
<b>Trails and Pathways</b>				
More than Enough	2.5	2.4	2.6	3.3
Enough	52.1	62.2	45.1	43.3
Not Enough	38.6	34.1	41.7	30.0
Don't Know/No Opinion	6.8	1.2	10.6	23.3
<b>Dog Parks</b>				
More than Enough	3.0	4.9	1.7	0.0
Enough	47.1	51.8	43.8	26.7
Not Enough	35.6	36.6	34.9	30.0
Don't Know/No Opinion	14.3	6.7	19.6	43.3
<b>Golf Courses</b>				
More than Enough	10.0	12.2	8.5	3.3
Enough	64.4	68.9	61.3	36.7
Not Enough	15.8	14	17.0	26.7
Don't Know/No Opinion	6.3	4.9	7.2	33.3
<b>Playgrounds</b>				
More than Enough	5.0	4.9	5.1	6.7
Enough	43.6	41.5	45.1	20.0
Not Enough	45.1	52.4	40.0	43.3
Don't Know/No Opinion	6.3	1.2	9.8	30.0
<b>Picnic Facilities</b>				
More than Enough	2.0	3.7	0.9	3.3
Enough	48.6	39.6	54.9	43.3
Not Enough	43.9	54.9	36.2	36.7
Don't Know/No Opinion	5.5	1.8	8.1	16.7
<b>Boating or Waterfront Facilities</b>				
More than Enough	3.0	4.9	1.7	3.3
Enough	56.9	59.8	54.9	43.3
Not Enough	31.8	32.9	31.1	23.3
Don't Know/No Opinion	8.3	2.4	12.3	30.0
<b>Bike Lanes Along Roads</b>				
More than Enough	4.5	6.1	3.4	3.3
Enough	34.1	39.6	30.2	26.7
Not Enough	53.9	52.4	54.9	43.3
Don't Know/No Opinion	7.5	1.8	11.5	26.7

**SUBURBAN WASHINGTON  
(Montgomery and Prince George's Counties)**

	<b>Households Surveyed</b>	<b>Individual Household Members</b>
<b>Total</b>	<b>400</b>	<b>1123</b>
<b>Adult Households</b>	<b>207</b>	<b>382</b>
<b>Households with Children</b>	<b>193</b>	<b>741</b>

**Highlights**

- Walking is the favorite activity for all households and adult households, but swimming is the favorite activity of households with children.
- Basketball and jogging are among the top ten activities in Suburban Washington.
- Ice Skating ranks eighth in popularity among households with children and eleventh overall.
- Pleasure biking, soccer, golf, tennis, and football attract participants from more than one in five households with children, but with the exception of tennis, these activities do not draw high levels of participation from adult households.
- In addition to saying there are not enough bike lanes; more than a third of Suburban Washington households say there are not enough natural parks and wildlife areas, indoor recreation facilities, and trails and pathways.

Forty-two percent of households with children say there are not enough indoor recreation facilities, and three of ten households say there are not enough dog parks, playgrounds, and boating or waterfront facilities.

**Table E-1. The Ten Most Popular Park and Recreation Activities of Suburban Washington Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Walking	74.5	1	74.9	1	74.1	2
Attending Fairs or Festivals	60.0	2	51.2	2	69.4	3
Swimming at Pool	59.5	3	42.0	4	78.2	1
Swimming at Beach/River/Lake	47.3	4	34.3	6	61.1	5
Visiting Playgrounds	47.0	5	27.5	8	67.9	4
Picnicking	41.5	6	36.7	4	46.6	6
Attending Outdoor Concerts	37.5	7	36.7	5	38.3	9
Hiking	32.5	8	33.3	7	31.6	11
Basketball	31.8	9	20.8	1	43.5	7
Jogging	28.5	10	26.1	9	31.1	12

**Table E-2. Other Activities Attracting Participants from More Than 10 Percent of Suburban Washington Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Ice Skating	25.3	11	12.6	18	38.9	8
Pleasure/Recreational Biking	24.8	12	17.9	14	32.1	10
Tennis	23.5	13	23.2	10	23.8	16
Running	22.3	14	21.3	12	23.3	17
Aerobics/Fitness Classes	21.0	15	21.7	11	20.2	22
Golf	20.3	16	15.9	15	24.9	15
Nature/Gardening Programs	18.8	17	15.9	16	21.8	21
Weight Training	18.3	18	14.0	17	22.8	19
In-Line Skating	17.0	19	11.6	19	22.8	18
Baseball	16.5	20	7.7	28	25.9	14
Soccer	16.3	21	5.8	32	27.5	13
Football	15.3	22	5.8	25	22.3	20
Softball	14.0	23	10.6	21	17.6	23
Dog Exercising	12.5	24	10.6	22	14.5	26
Fishing from Shore/Bank	12.3	25	9.2	24	15.5	25
Downhill Skiing	12.3	26	11.1	20	13.5	29
Tent Camping	12.0	27	8.2	27	16.1	24
Volleyball	10.3	28	9.2	23	11.4	31
Power Boating	10.0	29	7.7	29	12.4	30
Fishing from Boat	10.0	30	6.3	31	14.0	28

**Table E-3. Activities Attracting Participants from 2 to 10 Percent of Suburban Washington Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Horseshoes	8.5	31	7.2	30	9.8	34
Nature Walks	7.8	32	8.7	26	6.7	37
Skate Boarding	7.3	33	1.0	48	14.0	27
Roller Skating	7.3	34	3.4	37	11.4	32
Fishing from Pier	7.0	35	3.4	38	10.9	33
Canoeing	5.3	36	2.9	39	7.8	35
Sailing	5.0	37	4.8	34	5.2	39
Kayaking	4.5	38	1.9	41	7.3	36
Bird Watching	4.3	39	5.8	33	2.6	46
Target Shooting	4.0	40	4.3	35	3.6	42
Trail Riding	3.5	41	1.4	47	5.7	38
Mountain Biking	3.3	42	3.9	36	2.6	45
Lacrosse	3.0	43	1.4	43	4.7	40
Hunting	2.8	44	1.4	46	4.1	41
Water Skiing	2.3	45	2.4	40	2.1	48
Cabin Camping	2.3	46	1.0	55	3.6	44
Yoga	2.0	47	1.9	42	2.1	49
RV Camping	2.0	48	0.5	62	3.6	43

**Table E-4. Suburban Washington Park and Recreation Activities in Descending Order of Total Number of Participations—All Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Soccer	16.3	1.44	8.5%	20.57
Football	15.3	1.32	7.7%	24.64
Baseball	16.5	1.46	7.9%	22.71
Softball	14.0	1.43	7.1%	14.26
Lacrosse	3.0	1.25	1.3%	9.73
Other Field sport	0.3	1.25	0.4%	7.60
T-Ball	0.8	2.00	0.5%	6.67
Field Hockey	1.0	2.00	0.2%	49.50
<b>Court Sports</b>				
Basketball	31.8	1.59	18.0%	19.63
Tennis	23.5	1.45	12.1%	11.90
Volleyball	10.3	1.54	5.6%	12.87
Horseshoes	8.5	1.68	5.1%	8.81
Racquetball	1.3	1.40	0.6%	17.43
Handball	0.3	3.00	0.3%	1.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sport	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
In-Line Skating	17.0	1.60	14.4%	4.14
Skate Boarding	7.3	1.66	10.1%	8.43
Ice Skating	25.3	1.24	3.2%	24.69
Roller Skating	7.3	1.76	4.5%	8.41
Ice Hockey	1.8	1.43	0.9%	7.00
In-line Hockey	0.8	1.67	0.4%	9.80
Other Skating Sport	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at pool	59.5	2.42	51.4%	10.44
Swimming at Beach/River/Lake	47.3	2.54	42.8%	5.09
Power Boating	10.0	2.13	7.6%	3.46
Canoeing	5.3	2.62	4.9%	3.35
Kayaking	4.5	2.55	4.5%	2.47
Water Skiing	2.3	2.61	4.2%	3.60
Sailing	5.0	1.89	1.5%	7.94
Rafting	0.8	3.00	0.8%	1.00
Other Water Sports	0.5	2.00	0.4%	0.00
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing and Hunting</b>				
Fishing from Shore/Bank	12.3	1.80	7.8%	4.90
Fishing from Pier	7.0	1.98	7.0%	3.95
Fishing from Boat	10.0	1.93	4.8%	6.31
Hunting	2.8	1.09	1.1%	16.42
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	74.5	2.05	54.4%	21.46
Aerobics/ Fitness Class	21.0	1.65	16.7%	22.96
Jogging	28.5	1.66	13.2%	23.43
Weight Training	18.3	1.45	10.9%	36.61
Running	22.3	1.51	9.8%	33.63
Other Fitness Activities	1.0	1.50	1.1%	15.42
Yoga	2.0	2.00	0.7%	27.63

Table E-4. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	24.8	2.05	18.1%	9.59
Mountain Biking	3.3	2.00	2.3%	17.54
Touring	0.5	1.00	0.3%	10.67
BMX	0.5	2.50	0.4%	25.80
Other Cycling Sports	0.8	1.00	0.2%	64.50
Competitive Cycling	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	3.5	1.86	2.3%	3.81
Showing	0.5	3.00	0.5%	*1.00
Jumping	0.0	0.00	0.0%	0.00
Hunting	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	12.3	1.84	8.0%	2.19
Snowmobiling	0.5	1.20	0.5%	4.00
Cross Country Skiing	1.0	2.00	0.7%	3.63
Snow Boarding	1.3	1.00	0.2%	34.00
Other Winter Sport	0.5	3.00	0.5%	3.50
<b>Shooting Sports</b>				
Target Shooting	4.0	2.06	2.9%	3.64
Archery	1.0	1.75	0.6%	3.71
Skeet or Trap Shooting	0.8	1.00	0.3%	2.33
Other Shooting Sport	0.3	1.00	0.1%	2.00
<b>Outdoor Activities</b>				
Hiking	32.5	2.12	24.5%	8.57
Tent Camping	12.0	2.31	9.9%	3.20
Nature Walks	7.8	1.94	5.3%	5.12
Bird Watching	4.3	1.71	2.6%	9.14
RV Camping	2.0	2.89	2.3%	1.92
Off-Road Vehicles	1.0	3.88	2.8%	2.65
Other camping	0.5	2.25	0.8%	1.44
Cabin Camping	2.3	2.50	0.9%	6.50
Backpacking	1.0	2.67	0.7%	0.75
Other Outdoor Activities	0.8	1.00	0.2%	30.50
Rock Or Wall Climbing	0.3	2.00	0.2%	1.00
<b>Family or Group Activities</b>				
Visiting Playgrounds	47.0	2.59	55.4%	2.19
Picnicking	41.5	2.41	40.4%	9.18
Attending Fairs or Festivals	6.00	2.69	39.7%	4.06
Attending Outdoor Concerts	37.5	2.23	29.7%	3.08
<b>Special Facility Activities</b>				
Dog Exercising	12.5	1.47	10.6%	14.48
Golf	20.3	1.67	11.1%	11.28
Nature/Gardening Programs	18.8	2.42	10.8%	20.17

\*Respondents did not estimate number of times

**Table E-5. Suburban Washington Park and Recreation Activities in Descending Order of Total Number of Participations—Adult Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Softball	10.6	1.23	7.1%	22.11
Baseball	7.7	1.25	5.2%	25.00
Football	8.7	1.28	6.0%	16.83
Soccer	5.8	1.25	3.9%	15.00
Lacrosse	1.4	1.00	0.8%	17.00
Field Hockey	0.5	1.00	0.3%	1.00
T-Ball	0.0	0.00	0.0%	0.00
Other Field Sports	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	20.8	1.40	15.7%	14.18
Tennis	23.2	1.27	16.0%	11.20
Horseshoes	7.2	1.60	6.3%	9.04
Volleyball	9.2	1.37	6.8%	6.46
Racquetball	1.4	1.33	1.0%	16.75
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
In-Line Skating	11.6	1.33	8.4%	8.88
Ice Skating	12.6	1.15	7.9%	5.97
Roller Skating	3.4	1.29	2.4%	12.33
Skate Boarding	1.0	1.00	0.5%	50.00
Ice Hockey	1.4	1.33	1.0%	8.25
In-Line Hockey	0.0	0.00	0.0%	0.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming Pool	42.0	1.71	39.0%	12.19
Swimming at Beach/River/Lake	34.3	1.65	30.6%	7.19
Power Boating	7.7	1.56	6.5%	4.96
Sailing	4.8	1.30	3.4%	3.08
Canoeing	2.9	1.33	2.1%	3.75
Kayaking	1.9	1.25	1.3%	2.20
Water Skiing	2.4	1.40	1.8%	1.29
Rafting	1.0	2.00	1.0%	1.00
Sail Boarding	0.0	0.00	0.0%	0.00
Other Water Sports	0.0	0.00	0.0%	0.00
<b>Fishing and Hunting</b>				
Fishing from Shore/Bank	9.2	1.26	6.3%	6.50
Fishing from Boat	6.3	1.46	5.0%	3.79
Fishing from Pier	3.4	1.43	2.6%	4.30
Hunting	1.4	1.00	0.8%	13.67
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	74.9	1.50	61.0%	28.73
Jogging	26.1	1.39	19.6%	29.48
Aerobics/ Fitness Classes	21.7	1.22	14.4%	39.93
Running	21.3	1.48	17.0%	25.18
Weight Training	14.0	1.38	10.5%	31.70
Yoga	1.9	1.25	1.3%	31.60
Other Fitness Activities	1.0	1.00	0.5%	55.00

Table E-5. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	17.9	1.43	13.9%	8.62
Mountain Biking	3.9	1.88	3.9%	20.93
Touring	0.5	1.00	0.3%	99.00
Competitive Cycling	0.0	0.00	0.0%	0.00
BMX	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	1.4	1.33	1.0%	1.50
Showing	1.0	3.00	1.6%	0.00
Jumping	0.0	0.00	0.0%	0.00
Hunting	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	11.1	1.70	10.2%	2.26
Snowmobiling	0.5	1.00	0.3%	45.00
Cross Country Skiing	1.0	2.00	1.0%	3.75
Snow Boarding	0.5	2.00	0.5%	2.00
Other Winter Sports	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	4.3	1.67	3.9%	4.73
Skeet Or Trap Shooting	1.0	1.00	0.5%	2.00
Archery	0.5	1.00	0.3%	1.00
Other Shooting Sports	0.0	0.00	0.0%	0.00
<b>Outdoor Activities</b>				
Hiking	33.3	1.57	28.3%	12.56
Bird Watching	5.8	1.67	5.2%	8.90
Tent Camping	8.2	1.41	6.3%	2.75
Nature Walks	8.7	1.28	6.0%	2.70
Other Camping	1.0	1.00	0.5%	30.50
Off-Road Vehicles	0.5	1.00	0.3%	36.00
Cabin Camping	1.0	2.00	1.0%	2.50
Backpacking	1.0	1.50	0.8%	1.33
RV Camping	0.5	1.00	0.3%	3.00
Other Outdoor Activities	0.5	2.00	0.5%	1.50
Rock Or Wall Climbing	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	27.5	1.51	22.5%	11.40
Picnicking	36.7	1.70	33.8%	4.75
Attending Outdoor Concerts	36.7	1.66	33.0%	3.71
Attending Fairs Or Festivals	51.2	1.71	47.4%	2.17
<b>Special Facility Activities</b>				
Dog Exercising	10.6	1.73	9.9%	26.08
Nature/Gardening Programs	15.9	1.27	11.0%	17.86
Golf	15.9	1.30	11.3%	13.09

**Table E-6. Suburban Washington Park and Recreation Activities in Descending Order of Total Number of Participations—Households with Children Under 18**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Soccer	27.5	1.34	9.6%	26.68
Football	22.3	1.53	8.9%	24.76
Baseball	25.9	1.50	10.1%	19.39
Softball	17.6	1.56	7.2%	10.26
Other Field Sports	0.5	2.00	0.3%	49.5
Lacrosse	4.7	1.33	1.6%	7.92
T-Ball	1.6	200	0.8%	6.67
Field Hockey	1.6	1.33	0.5%	9.25
<b>Court Sports</b>				
Basketball	43.5	1.69	19.2%	21.93
Tennis	23.8	1.63	10.1%	12.48
Volleyball	11.4	1.68	5.0%	17.38
Horseshoes	9.8	1.74	4.5%	8.64
Racquetball	1.0	1.50	0.4%	18.33
Handball	0.5	3.00	0.4%	1.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	14.0	1.26	4.6%	23.21
In-Line Skating	22.8	1.84	10.9%	8.26
Ice Skating	38.9	1.76	17.8%	3.72
Roller Skating	11.4	1.91	5.7%	7.57
In-Line Hockey	1.6	1.67	0.7%	9.80
Ice Hockey	2.1	1.50	0.8%	6.17
Other Skating Sport	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming Pool	78.2	2.83	57.8%	9.83
Swimming Beach/River/Lake	61.1	3.08	49.1%	4.41
Power Boating	12.4	2.50	8.1%	2.83
Kayaking	7.3	3.00	5.7%	3.76
Canoeing	7.8	3.13	6.3%	3.28
Water Skiing	2.1	2.50	1.3%	12.60
Sailing	5.2	3.80	5.1%	2.26
Rafting	0.5	5.00	0.7%	1.00
Other Water Sports	1.0	2.00	0.5%	0.00
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Pier	10.9	2.10	5.9%	6.77
Fishing from Shore/Bank	15.5	2.13	8.6%	4.30
Fishing from Boat	14.0	2.22	8.1%	4.00
Hunting	4.1	1.13	1.2%	17.33
Other Fishing	0.00	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	74.1	2.64	51.0%	16.99
Weight Training	22.8	1.59	9.4%	34.73
Aerobics/ Fitness Classes	20.2	1.72	9.0%	33.88
Jogging	31.1	1.88	15.2%	18.64
Running	23.3	1.84	11.2%	22.06
Other Fitness Activities	1.0	3.00	0.8%	18.50
Yoga	2.1	1.75	0.9%	3.86



Table E-6. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	32.1	2.42	20.2%	9.93
Mountain Biking	2.6	2.20	1.5%	12.91
BMX	1.0	1.00	0.3%	64.50
Other Cycling Sports	1.6	1.00	0.4%	10.67
Touring	0.5	4.00	0.5%	7.50
Competitive Cycling	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	5.7	2.00	3.0%	4.23
Showing	0.0	0.00	0.0%	0.00
Jumping	0.0	0.00	0.0%	0.00
Hunting	0.0	0.00	0.0%	0.00
Other Equestrian sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	13.5	1.96	6.9%	2.14
Snowmobiling	0.5	1.00	0.1%	23.00
Other Winter Sport	1.0	3.00	0.8%	3.50
Snow Boarding	2.1	1.00	0.5%	5.00
Cross Country Skiing	1.0	2.00	0.5%	3.50
<b>Shooting Sports</b>				
Target Shooting	3.6	2.57	2.4%	2.72
Archery	1.6	2.00	0.8%	4.17
Skeet Or Trap Shooting	0.5	1.00	0.1%	3.00
Other Shooting Sports	0.5	1.00	0.1%	2.00
<b>Outdoor Activities</b>				
Hiking	31.6	2.74	22.5%	5.99
Tent Camping	16.1	2.81	11.7%	3.32
Nature Walks	6.7	2.85	5.0%	6.62
Bird Watching	2.6	1.80	1.2%	9.67
RV Camping	3.6	4.29	4.0%	2.63
Cabin Camping	3.6	3.14	3.0%	1.82
Off-Road Vehicles	1.6	3.00	1.2%	3.22
Backpacking	1.0	3.00	0.8%	1.50
Other Outdoor Activities	1.0	3.00	0.8%	0.50
Rock Or Wall Climbing	0.5	2.00	0.3%	1.00
Other Camping	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	67.9	2.81	49.7%	8.66
Picnicking	46.6	3.52	42.8%	3.78
Attending Fairs Or Festivals	69.4	3.29	59.5%	2.20
Attending Outdoor Concerts	38.3	2.81	28.1%	2.70
<b>Special Facility Activities</b>				
Dog Exercising	14.5	2.96	11.2%	17.47
Golf	24.9	1.58	10.3%	15.26
Nature/Gardening Programs	21.8	1.98	11.2%	7.95

**Table E-7. Adequacy of Park and Recreation Facilities in Suburban Washington: Percent Responding to Question: “For each of the facilities . . ., please tell me if you think your county has more than enough, enough, or not enough.”**

	All Households	Adult Households	Households with Children
<b>Natural Parks and Wildlife Areas</b>			
More Than Enough	8.0	5.8	10.4
Enough	53.5	55.1	51.8
Not Enough	33.5	31.9	35.2
Don't Know/No Opinion	5.0	7.2	2.6
<b>Parks for Recreation and Leisure</b>			
More Than Enough	7.8	6.8	8.8
Enough	65.5	68.6	62.2
Not Enough	24.5	21.3	28
Don't Know/No Opinion	2.3	3.4	1.0
<b>Indoor Recreation Facilities</b>			
More Than Enough	7.0	6.3	7.8
Enough	47.8	48.3	47.2
Not Enough	38.0	34.3	42.0
Don't Know/No Opinion	7.3	11.1	3.1
<b>Swimming Pools</b>			
More Than Enough	7.3	5.8	8.8
Enough	56.0	50.7	54.9
Not Enough	30.0	26.6	33.7
Don't Know/No Opinion	6.8	10.6	2.6
<b>Trails and Pathways</b>			
More Than Enough	5.5	4.3	6.7
Enough	55.8	53.1	58.5
Not Enough	34.3	35.3	33.2
Don't Know/No Opinion	4.5	7.2	1.6
<b>Dog Parks</b>			
More Than Enough	2.8	3.4	2.1
Enough	44.8	44.0	45.6
Not Enough	22.3	15.9	29.0
Don't Know/No Opinion	30.3	36.7	23.3
<b>Golf Courses</b>			
More Than Enough	12.3	12.1	12.4
Enough	58.3	56.5	60.1
Not Enough	14.5	14.5	14.5
Don't Know/No Opinion	15.0	16.9	13.0
<b>Playgrounds</b>			
More Than Enough	7.3	4.8	9.8
Enough	58.8	58.9	58.5
Not Enough	27.8	25.1	30.6
Don't Know/No Opinion	6.3	11.1	1.0
<b>Picnic Facilities</b>			
More Than Enough	6.5	2.9	10.4
Enough	58.0	63.8	51.8
Not Enough	30.8	26.6	35.2
Don't Know/No Opinion	4.8	6.8	2.6
<b>Boating or Waterfront Facilities</b>			
More Than Enough	5.0	3.4	6.7
Enough	49.5	46.9	52.3
Not Enough	30.5	30.0	31.1
Don't Know/No Opinion	15.0	19.8	9.8
<b>Bike Lanes Along Roads</b>			
More Than Enough	6.0	4.8	7.3
Enough	37.5	37.2	37.8
Not Enough	49.5	46.9	52.3
Don't Know/No Opinion	7.0	11.1	2.6

**SOUTHERN MARYLAND  
(Charles, Calvert and St. Mary's Counties)**

	<b>Households Surveyed</b>	<b>Individual Household Members</b>
<b>Total</b>	<b>400</b>	<b>1135</b>
<b>Adult Households</b>	<b>226</b>	<b>445</b>
<b>Households with Children</b>	<b>174</b>	<b>690</b>

**Highlights**

- Fishing from a boat, power boating, and pleasure biking are among the top ten activities for Southern Maryland households.
- The favorite activity for households with children in attending fairs or festivals.
- More households with children have members that play golf than play basketball.
- Basketball is the highest ranked court sport, at 16<sup>th</sup> for all households, 22<sup>nd</sup> for adult households and 12<sup>th</sup> for households with children.
- Baseball, ranked 20<sup>th</sup> for all households, is the highest ranked field sport. It ranks 15<sup>th</sup> among households with children, just below soccer.
- Fewer people play soccer than baseball, but they play it more frequently.
- Almost as many respondents (61.8%) said there were not enough swimming pools as said there were not enough bike lanes (62.8%). More than seven of every ten from households with children said there were not enough swimming pools.
- More than half of all respondents and 69 percent of those from households with children said there are not enough indoor recreation facilities.
- Half of those living in households with children said their counties did not have enough trails and pathways.

**Table F-1. The Ten Most Popular Park and Recreation Activities of Southern Maryland Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Walking	64.8	1	61.1	1	69.5	2
Attending Fairs or Festivals	61.8	2	53.1	2	73.0	1
Swimming Pool	50.5	3	41.2	3	62.6	4
Swimming Beach/River/Lake	48.0	4	39.8	4	58.6	5
Visiting Playgrounds	40.8	5	23.0	10	63.8	3
Picnicking	37.3	6	30.1	5	46.6	6
Fishing from Boat	32.0	7	28.8	6	36.2	7
Attending Outdoor Concerts	30.0	8	28.8	7	31.6	11
Power Boating	26.5	9	23.9	9	29.9	13
Pleasure/ Recreational Biking	25.5	10	18.1	13	35.1	8

**Table F-2. Other Park and Recreation Activities Attracting Participants from More Than 10 Percent of Southern Maryland Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Hiking	23.8	11	24.3	8	23.0	19
Golf	23.5	12	15.0	14	34.5	9
Fishing from Shore/Bank	22.3	13	13.3	15	33.9	10
Dog Exercising	22.3	14	23.0	12	21.3	21
Nature/Gardening Programs	21.8	15	23.0	11	20.1	22
Basketball	18.3	16	9.3	22	29.9	12
Hunting	17.8	17	12.8	16	24.1	17
Jogging	16.0	18	10.2	20	23.6	18
Weight Training	15.8	19	12.8	17	19.5	23
Baseball	15.3	20	6.6	27	26.4	15
Soccer	14.0	21	3.1	37	28.2	14
Running	13.0	22	6.2	29	28.2	14
Horseshoes	12.5	23	12.4	18	12.6	30
In-Line Skating	12.5	24	2.2	41	25.9	16
Fishing from Pier	12.5	25	8.0	25	18.4	24
Softball	12.3	26	9.3	21	16.1	27
Tent Camping	11.0	27	5.8	31	17.8	25
Nature Walks	10.0	28	8.8	23	11.5	33

**Table F- 3. Park and Recreation Activities Attracting Participants from 2 to 10 Percent of Southern Maryland Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Tennis	9.8	29	8.4	24	11.5	31
Aerobics/ Fitness Classes	9.5	30	8.0	26	11.5	32
Football	8.5	31	4.4	32	13.8	28
Bird Watching	8.5	32	10.6	19	5.7	47
Target Shooting	8.0	33	5.8	30	10.9	35
Skate Boarding	7.5	34	0.4	58	16.7	26
Downhill Skiing	7.0	35	1.8	44	13.8	29
Ice Skating	6.8	36	3.5	35	10.9	34
Volleyball	6.3	37	4.0	34	9.2	36
Sailing	6.3	38	6.6	28	5.7	46
Canoeing	6.3	39	4.4	33	8.6	40
Skeet Or Trap Shooting	5.5	40	2.7	39	9.2	39
Trail Riding	5.3	41	2.2	42	9.2	38
RV Camping	5.0	42	2.7	40	8.0	41
Mountain Biking	4.8	43	3.5	36	6.3	43
Roller Skating	4.3	44	0.4	59	9.2	37
Water Skiing	4.3	45	1.8	43	7.5	42
Kayaking	3.5	46	2.7	38	4.6	48
Lacrosse	3.3	47	1.3	45	5.7	45
Archery	3.0	48	0.4	65	6.3	44
Racquetball	2.3	49	1.3	46	3.4	51
Snow Boarding	2.3	50	0.4	63	4.6	49
Field Hockey	2.0	51	0.4	54	4.0	50

**Table F- 4. Southern Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—All Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	15.3	1.57	8.5%	19.40
Soccer	14.0	1.46	7.2%	21.74
Softball	12.3	1.31	5.6%	16.98
Football	8.5	1.53	4.6%	15.56
Lacrosse	3.3	1.46	1.7%	10.26
Field Hockey	2.0	1.13	0.8%	20.33
Other Field Sports	0.8	1.33	0.4%	35.00
T-Ball	0.5	1.50	0.3%	33.33
<b>Court Sports</b>				
Basketball	18.3	1.63	10.5%	17.54
Tennis	9.8	2.03	7.0%	8.89
Volleyball	6.3	1.72	3.8%	16.30
Horseshoes	12.5	1.68	7.4%	5.21
Racquetball	2.3	1.11	0.9%	13.50
Other Court Sports	0.3	1.00	0.1%	7.00
Handball	0.3	1.00	0.1%	1.00
Squash	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	7.5	1.50	4.0%	23.67
In-Line Skating	12.5	1.72	7.6%	10.72
Ice Skating	6.8	2.07	4.9%	5.32
In-Line Hockey	0.5	1.00	0.2%	99.00
Roller Skating	4.3	2.12	3.2%	5.19
Ice Hockey	1.0	1.50	0.5%	13.83
Other Skating Sports	0.3	2.00	0.2%	0.00
<b>Water Sports</b>				
Swimming at Pool	50.5	2.57	45.7%	11.48
Swimming at Beach/River/Lake	48.0	2.73	46.3%	6.62
Power Boating	26.5	2.47	23.1%	8.82
Sailing	6.3	1.72	3.8%	10.26
Water Skiing	4.3	2.18	3.3%	6.92
Canoeing	6.3	2.12	4.7%	4.47
Kayaking	3.5	2.00	2.5%	5.89
Other Water Sports	1.5	2.83	1.5%	6.12
Rafting	0.3	1.00	0.1%	2.00
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Boat	32.0	1.98	22.3%	9.73
Fishing from Shore/Bank	22.3	2.34	18.3%	8.22
Hunting	17.8	1.32	8.3%	13.66
Fishing from Pier	12.5	2.44	10.7%	6.01
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	64.8	1.91	43.6%	24.96
Weight Training	15.8	1.54	8.5%	38.00
Jogging	16.0	1.66	9.3%	24.12
Running	13.0	1.54	7.0%	26.26
Aerobics/ Fitness Classes	9.5	1.45	4.8%	36.09
Other Fitness Classes	1.8	1.57	1.0%	25.73
Yoga	1.3	1.00	0.4%	24.20

Table F-4. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	25.5	2.10	18.9%	13.01
Mountain Biking	4.8	1.84	3.1%	18.40
BMX	0.5	2.00	0.4%	22.50
Other Cycling Sports	0.3	1.00	0.1%	30.00
Competitive Cycling	0.3	1.00	0.1%	3.00
Touring	0.5	1.00	0.2%	1.50
<b>Equestrian Sports</b>				
Trail Riding	5.3	1.62	3.0%	14.29
Jumping	0.5	2.00	0.4%	15.00
Hunting	0.3	3.00	0.3%	20.00
Showing	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	7.0	2.79	6.9%	2.90
Snow Boarding	2.3	1.78	1.4%	3.44
Cross Country Skiing	0.8	1.67	0.4%	3.40
Other Winter Sport	1.0	3.00	1.1%	1.25
Snowmobiling	0.3	1.00	0.1%	10.00
<b>Shooting Sports</b>				
Target Shooting	8.0	1.56	4.4%	12.14
Skeet Or Trap Shooting	5.5	1.77	3.4%	10.44
Archery	3.0	1.58	1.7%	17.26
Other Shooting Sports	0.5	2.00	0.4%	14.00
<b>Outdoor Activities</b>				
Hiking	23.8	2.34	19.6%	7.17
Bird Watching	8.5	1.65	4.9%	13.27
Tent Camping	11.0	2.84	11.0%	3.47
Nature Walks	10.0	2.35	8.3%	4.07
RV Camping	5.0	3.10	5.5%	3.65
Other Outdoor Activities	0.8	2.33	0.6%	16.29
Cabin Camping	1.8	2.71	1.7%	3.47
Backpacking	0.8	1.67	0.4%	7.40
Off-Road Vehicles	1.3	1.80	0.8%	3.89
Other Camping	0.3	2.00	0.2%	2.00
Rock Or Wall Climbing	0.3	2.00	0.2%	1.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	40.8	2.70	38.8%	7.12
Picnicking	37.3	2.93	38.5%	4.54
Attending Fairs Or Festivals	61.8	2.59	56.4%	2.50
Attending Outdoor Activities	30.0	2.38	25.1%	2.72
<b>Special Facility Activities</b>				
Dog Exercising	22.3	2.04	16.0%	25.76
Golf	23.5	1.64	13.6%	16.57
Nature/Gardening Programs	21.8	1.75	13.4%	13.74

**Table F-5. Southern Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Adult Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	6.7	1.47	4.9%	22.77
Softball	9.3	1.43	6.7%	14.53
Football	4.4	1.90	4.3%	7.89
Soccer	3.1	1.29	2.0%	15.00
Other Field Sports	9.0	1.50	0.7%	41.67
Lacrosse	1.3	1.33	0.9%	15.25
Field Hockey	0.4	1.00	0.2%	25.00
T-Ball	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	9.3	1.19	5.6%	13.44
Tennis	8.4	1.47	6.3%	8.79
Horseshoes	12.4	1.43	9.0%	4.78
Racquetball	1.3	1.00	0.7%	22.00
Volleyball	3.9	1.33	2.7%	3.33
Other Court Sports	0.4	1.00	0.2%	7.00
Handball	0.4	1.00	0.2%	1.00
Squash	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	0.4	2.00	0.4%	30.00
In-Line Skating	2.2	1.00	1.1%	7.20
Ice Skating	3.5	1.25	2.2%	3.00
Roller Skating	0.4	1.00	0.2%	4.00
Ice Hockey	0.4	1.00	0.2%	1.00
In-Line Hockey	0.0	0.00	0.0%	0.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	41.2	1.87	39.1%	15.33
Power Boating	23.9	1.98	24.0%	13.21
Swimming at Beach/River/Lake	39.9	1.89	38.2%	7.39
Sailing	6.6	1.47	4.9%	13.36
Canoeing	4.4	1.70	3.8%	9.18
Kayaking	2.7	1.50	2.0%	8.89
Other Water Sports	0.9	1.50	0.7%	24.00
Water Skiing	1.8	1.75	1.6%	4.57
Sail Boarding	0.0	0.00	0.0%	0.00
Rafting	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Boat	28.8	1.51	22.0%	12.20
Hunting	12.8	1.03	6.7%	12.03
Fishing from Shore/Bank	13.3	1.80	12.1%	5.48
Fishing from Pier	8.0	1.67	6.7%	5.43
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	61.1	1.65	51.2%	30.53
Weight Training	12.8	1.66	10.8%	34.79
Aerobics/ Fitness Classes	8.0	1.33	5.4%	44.17
Jogging	10.2	1.61	8.3%	27.68
Running	6.2	1.64	5.2%	27.48
Other Fitness Classes	1.3	1.67	1.1%	39.60
Yoga	1.3	1.00	0.7%	37.33



Table F-5. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/Recreational Biking	18.1	1.63	15.1%	15.15
Mountain Biking	3.5	1.25	2.2%	19.20
BMX	0.4	3.00	0.7%	20.00
Other Cycling Sports	0.4	1.00	0.2%	30.00
Touring	0.4	1.00	0.2%	1.00
Competitive Cycling	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	2.2	1.20	1.3%	15.33
Showing	0.0	0.00	0.0%	0.00
Jumping	0.0	0.00	0.0%	0.00
Hunting	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Cross Country Skiing	1.3	1.67	1.1%	3.40
Downhill Skiing	1.8	2.50	2.2%	1.30
Snow Boarding	0.4	2.00	0.4%	5.00
Snowmobiling	0.4	1.00	0.2%	10.00
Other Winter Sports	0.9	3.00	1.3%	1.00
<b>Shooting Sports</b>				
Target Shooting	5.8	1.15	3.4%	12.80
Skeet Or Trap Shooting	2.7	1.17	1.6%	12.86
Other Shooting Sports	0.4	1.00	0.2%	36.00
Archery	0.4	1.00	0.2%	10.00
<b>Outdoor Activities</b>				
Hiking	24.3	1.76	21.8%	8.34
Bird Watching	10.6	1.46	7.9%	17.00
Nature Walks	8.9	1.85	8.3%	4.08
Other Outdoor Activities	0.4	1.00	0.2%	99.00
Tent Camping	5.8	1.46	4.3%	3.89
RV Camping	2.7	1.83	2.5%	6.64
Off-Road Vehicles	0.4	1.00	0.2%	15.00
Cabin Camping	1.3	1.67	1.1%	1.60
Other Camping	0.4	2.00	0.4%	2.00
Backpacking	0.4	2.00	0.4%	1.00
Rock Or Wall Climbing	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	23.0	1.71	20.0%	8.58
Picnicking	30.1	2.01	30.8%	4.78
Attending Fairs Or Festivals	53.1	1.88	50.8%	2.70
Attending Outdoor Concerts	28.8	1.86	27.2%	3.10
<b>Special Facility Activities</b>				
Dog Exercising	23.0	1.52	17.8%	36.62
Nature/Gardening Programs	23.0	1.44	16.9%	17.37
Golf	15.0	1.53	11.7%	23.54

**Table F-6. Southern Maryland Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Households with Children Under 18 Years Old**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	15.3	1.49	10.6%	19.40
Soccer	14.0	1.61	10.7%	21.74
Softball	12.3	1.21	4.9%	16.98
Football	8.5	1.38	4.8%	15.56
Lacrosse	3.3	1.50	2.2%	10.26
Field Hockey	2.0	1.14	1.2%	20.33
Other Field Sports	0.8	1.50	0.4%	35.00
T-Ball	0.5	1.00	0.1%	33.33
<b>Court Sports</b>				
Basketball	18.3	1.81	13.6%	17.54
Tennis	9.8	2.00	6.4%	8.89
Volleyball	6.3	2.55	7.4%	16.30
Horseshoes	12.5	1.94	4.5%	5.21
Racquetball	2.3	1.17	1.0%	13.50
Other Court Sports	0.3	0.00	0.0%	7.00
Handball	0.3	0.00	0.0%	1.00
Squash	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	7.5	1.80	11.7%	23.67
In-Line Skating	12.5	1.48	6.2%	10.72
Ice Skating	6.8	2.42	6.7%	5.32
In-Line Hockey	0.5	2.19	5.1%	99.00
Roller Skating	4.3	1.67	0.7%	5.19
Ice Hockey	1.0	1.00	0.3%	13.83
Other Skating Sports	0.3	2.00	0.3%	0.00
<b>Water Sports</b>				
Swimming at Pool	50.5	3.17	50.0%	11.48
Swimming at Beach/River/Lake	48.0	3.48	51.4%	6.62
Power Boating	26.5	2.98	22.5%	8.82
Sailing	6.3	2.40	5.2%	10.26
Water Skiing	4.3	2.31	4.3%	6.92
Canoeing	6.3	2.10	3.0%	4.47
Kayaking	3.5	2.38	2.8%	5.89
Other Water Sports	1.5	3.50	2.0%	6.12
Rafting	0.3	1.00	0.1%	2.00
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Boat	32.0	2.46	22.5%	9.73
Fishing from Shore/Bank	22.3	2.61	22.3%	8.22
Hunting	17.8	1.52	9.3%	13.66
Fishing from Pier	12.5	2.88	13.3%	6.01
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	64.8	2.21	38.7%	24.96
Weight Training	15.8	1.68	10.0%	38.00
Jogging	16.0	1.50	8.3%	24.12
Running	13.0	1.44	7.1%	26.26
Aerobics/ Fitness Classes	9.5	1.55	4.5%	36.09
Other Fitness Activities	1.8	1.50	0.9%	25.73
Yoga	1.3	1.00	0.3%	24.20

Table F-6. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	25.5	2.41	21.3%	13.01
Mountain Biking	4.8	2.27	3.6%	18.40
BMX	0.5	1.00	0.1%	22.50
Other Cycling Sports	0.3	1.00	0.1%	30.00
Competitive Cycling	0.3	1.00	0.1%	3.00
Touring	0.5	0.00	0.0%	1.50
<b>Equestrian Sports</b>				
Trail Riding	5.3	1.75	4.1%	14.29
Jumping	0.5	2.00	0.6%	15.00
Hunting	0.3	3.00	0.4%	20.00
Showing	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	7.0	2.83	9.9%	2.90
Snow Boarding	2.3	1.75	2.0%	3.44
Cross Country Skiing	0.8	3.00	0.9%	3.40
Other Winter Sports	1.0	0.00	0.0%	1.25
Snowmobiling	0.3	0.00	0.0%	10.00
<b>Shooting Sports</b>				
Target Shooting	8.0	1.84	5.1%	12.14
Skeet Or Trap Shooting	5.5	2.00	4.6%	10.44
Archery	3.0	1.64	2.6%	17.26
Other Shooting Sports	0.5	3.00	0.4%	14.00
<b>Outdoor Activities</b>				
Hiking	23.8	3.13	18.1%	7.17
Bird Watching	8.5	3.42	15.4%	13.27
Tent Camping	11.0	2.85	8.3%	3.47
Nature Walks	10.0	3.64	7.4%	4.07
RV Camping	5.0	2.10	3.0%	3.65
Other Outdoor Activities	0.8	3.50	2.0%	16.29
Cabin Camping	1.8	2.00	1.2%	3.47
Backpacking	0.8	1.50	0.4%	7.40
Off-Road Vehicles	1.3	3.00	0.9%	3.89
Other Camping	0.3	2.00	0.3%	2.00
Rock Or Wall Climbing	0.3	0.00	0.0%	1.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	40.8	3.26	60.0%	7.12
Picnicking	37.3	3.16	50.9%	4.54
Attending Fairs or Festivals	61.8	3.70	43.5%	2.50
Attending Outdoor Concerts	30.0	2.98	23.8%	2.72
<b>Special Facility Activities</b>				
Dog Exercising	22.3	1.70	14.8%	25.76
Golf	23.5	2.78	14.9%	16.57
Nature/Gardening Programs	21.8	2.20	11.2%	13.74

**Table F-7. Adequacy of Park and Recreation Facilities in Southern Maryland: Percent Responding to Question: “Please tell me if you think your county has more than enough, enough, or not enough . . .”**

	All Households	Adult Households	Households with Children
<b>Natural Parks or Wildlife Areas</b>			
More Than Enough	5.8	5.8	5.7
Enough	56.3	55.8	56.9
Not Enough	34.5	33.2	36.2
Don't Know/No Opinion	3.5	5.3	1.1
<b>Parks for Recreation &amp; Leisure</b>			
More Than Enough	6.3	7.1	5.2
Enough	58.0	60.2	55.2
Not Enough	32.8	27.4	39.7
Don't Know/No Opinion	3.0	5.3	0.0
<b>Indoor Recreation Facilities</b>			
More Than Enough	4.5	4.4	4.6
Enough	35.5	42.9	25.9
Not Enough	53.3	41.2	69.0
Don't Know/No Opinion	6.8	11.5	0.6
<b>Swimming Pools</b>			
More Than Enough	3.8	3.5	4.0
Enough	28.5	34.1	21.3
Not Enough	61.8	54.0	71.8
Don't Know/No Opinion	6.0	8.4	2.9
<b>Trails &amp; Pathways</b>			
More Than Enough	4.8	5.8	3.4
Enough	51.3	56.2	44.8
Not Enough	38.0	28.8	50.0
Don't Know/No Opinion	6.0	9.3	1.7
<b>Dog Parks</b>			
More Than Enough	1.8	0.4	3.4
Enough	41.8	44.7	37.9
Not Enough	35.5	33.6	37.9
Don't Know/No Opinion	21.0	21.2	20.7
<b>Golf Courses</b>			
More Than Enough	17.5	19.9	14.4
Enough	59.0	59.7	58.0
Not Enough	16.0	11.1	22.4
Don't Know/No Opinion	7.5	9.3	5.2
<b>Playgrounds</b>			
More Than Enough	6.0	4.9	7.5
Enough	56.0	56.6	55.2
Not Enough	30.0	25.2	36.2
Don't Know/No Opinion	8.0	13.3	1.1
<b>Picnic Facilities</b>			
More Than Enough	5.5	3.5	8.0
Enough	55.3	59.7	49.4
Not Enough	33.3	28.3	39.7
Don't Know/No Opinion	6.0	8.4	2.9
<b>Boating or Water Front Activities</b>			
More Than Enough	10.0	9.7	10.3
Enough	67.5	65.9	69.5
Not Enough	17.3	16.8	17.8
Don't Know/No Opinion	5.3	7.5	2.3
<b>Bike Lanes Along Roads</b>			
More Than Enough	6.3	5.3	7.5
Enough	26.5	29.6	22.4
Not Enough	62.8	57.5	69.5
Don't Know/No Opinion	4.5	7.5	0.6

**UPPER EASTERN SHORE**  
**(Cecil, Talbot, Caroline, Kent, and Queen Anne's Counties)**

	<b>Households Sampled</b>	<b>Individual Household Members</b>
<b>Total</b>	<b>400</b>	<b>1093</b>
<b>Adult Households</b>	<b>231</b>	<b>428</b>
<b>Households with Children</b>	<b>169</b>	<b>665</b>

**Highlights**

- Fishing from boat, fishing from shore or bank, and power boating are among the top ten activities on the Upper Eastern Shore.
- Hunting is the 12<sup>th</sup> ranked activity, ahead of pleasure/recreational biking.
- Horseshoes is more popular than soccer with Upper Shore households, and attracts more participants from households with children than from adult households.
- Baseball, soccer and football are the favorite field sports, and all have high rates of participation.
- Horseshoes attracts participants from 18 percent of households, compared with basketball's 20 percent, but the frequency of participation is little more than a third that of basketball.
- Over two-thirds of households with children say there are not enough indoor recreation facilities and 63.3 percent say there are not enough swimming pools. More than half of all households agree.

**Table G-1. Ten Most Popular Park and Recreation Activities for Upper Eastern Shore Households**

	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Attending Fairs or Festivals	68.0	1	62.8	2	75.1	1
Walking	67.0	2	69.7	1	63.3	3
Swimming at Beach/River/Lake	52.3	3	42.9	3	65.1	2
Swimming at Pool	44.3	4	34.2	5	58.0	4
Visiting Playgrounds	39.5	5	28.6	9	54.4	5
Picnicking	36.5	6	32.0	6	42.6	6
Attending Outdoor Concerts	33.8	7	39.0	4	26.6	16
Fishing from Boat	31.5	8	29.9	7	33.7	10
Power Boating	29.8	9	29.0	8	30.8	13
Fishing from Shore/Bank	27.8	10	20.8	13	37.3	7

**Table G-2. Other Park and Recreation Activities Attracting More Than 10 Percent of Upper Eastern Shore Households**

	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Hiking	25.5	11	24.2	11	27.2	15
Hunting	24.5	12	18.6	14	32.5	12
Pleasure/Recreational Biking	23.3	13	18.2	15	30.2	14
Dog Exercising	23.3	14	25.1	10	20.7	22
Nature/Gardening Programs	20.8	15	23.8	12	16.6	29
Basketball	20.0	16	10.8	21	32.5	11
Baseball	19.3	17	6.9	29	36.1	8
Golf	19.3	18	14.7	17	25.4	18
Horseshoes	18.0	19	17.7	16	18.3	25
Soccer	16.8	20	3.5	42	34.9	9
Fishing from Pier	16.0	21	13.4	19	19.5	24
Jogging	15.5	22	14.3	18	17.2	27
Softball	14.8	23	6.9	30	25.4	17
Tent Camping	14.3	24	7.8	27	23.1	20
Ice Skating	12.5	25	5.2	34	22.5	21
Weight Training	12.5	26	8.7	24	17.8	26
Running	11.8	27	8.2	26	16.6	28
Aerobics/ Fitness Classes	11.8	28	9.1	23	15.4	30
Tennis	11.3	29	10.0	22	13.0	32
In-Line Skating	11.0	30	1.7	46	23.7	19

**Table G-3. Other Park and Recreation Activities Attracting More Than 10 Percent of Upper Eastern Shore Households**

	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	Percent	Rank	Percent	Rank	Percent	Rank
Football	9.8%	31	7.4	28	13.0%	31
Skate Boarding	9.0%	32	1.3	52	19.5%	23
Bird Watching	8.5%	33	11.3	20	4.7%	49
Nature Walks	7.8%	34	6.5	32	9.5%	35
Volleyball	7.3%	35	6.5	31	8.3%	37
Downhill Skiing	7.3%	36	3.9	41	11.8%	33
Sailing	6.8%	37	8.2	25	4.7%	45
Trail Riding	6.5%	38	5.6	33	7.7%	39
Canoeing	5.8%	39	5.2	35	6.5%	40
Skeet Or Trap Shooting	5.5%	40	5.2	37	5.9%	42
Roller Skating	5.3%	41	2.6	44	8.9%	36
Water Skiing	5.3%	42	4.3	39	6.5%	41
Target Shooting	5.3%	43	5.2	36	5.3%	44
Lacrosse	4.8%	44	1.3	51	9.5%	34
Kayaking	4.8%	45	4.8	38	4.7%	46
RV Camping	4.5%	46	4.3	40	4.7%	48
Field Hockey	3.8%	47	0.9	57	7.7%	38
Mountain Biking	3.5%	48	3.0	43	4.1%	50
Archery	3.0%	49	1.7	48	4.7%	47
Ice Hockey	2.5%	50	0.4	63	5.3%	43
Snow Boarding	2.5%	51	1.3	56	4.1%	51
Cabin Camping	2.5%	52	1.7	49	3.6%	52
Racquetball	2.0%	53	2.2	45	1.8%	53

**Table G-4. Upper Eastern Shore Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—All Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	19.3	1.47	10.3%	19.85
Soccer	16.8	1.34	8.2%	24.27
Softball	14.8	1.41	7.6%	22.34
Football	9.8	1.18	4.2%	26.65
Lacrosse	4.8	1.21	2.1%	30.61
Field Hockey	3.8	1.33	1.8%	26.35
Other Field Sports	0.8	1.33	0.4%	32.25
T-Ball	0.5	1.50	0.3%	29.00
<b>Court Sports</b>				
Basketball	20.0	1.40	10.2%	21.52
Horseshoes	18.0	1.76	11.6%	7.98
Tennis	11.3	1.69	7.0%	13.21
Volleyball	7.3	1.76	4.7%	10.06
Racquetball	2.0	1.38	1.0%	27.45
Other Court Sports	0.8	1.67	0.5%	20.20
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	9.0	1.39	4.6%	23.32
In-Line Skating	11.0	1.89	7.6%	12.07
Ice Skating	12.5	1.96	9.0%	4.23
Ice Hockey	2.5	1.30	1.2%	19.54
Roller Skating	5.3	2.00	3.8%	3.86
In-Line Hockey	0.3	1.00	0.1%	10.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Beach/River/Lake	52.3	2.60	49.7%	7.90
Swimming at Pool	44.3	2.58	41.7%	13.06
Power Boating	29.8	2.39	26.1%	8.51
Sailing	6.8	2.00	4.9%	11.61
Canoeing	5.8	2.43	5.1%	7.55
Kayaking	4.8	2.21	3.8%	7.76
Water Skiing	5.3	2.24	4.3%	5.60
Other Water Sports	1.3	2.00	0.9%	12.2
Rafting	0.3	3.00	0.3%	1.00
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Boat	31.5	1.98	22.9%	10.33
Hunting	24.5	1.53	13.7%	15.31
Fishing from Shore/Bank	27.8	2.04	20.7%	9.08
Fishing from Pier	16.0	1.84	10.8%	6.14
Other Fishing	0.3	2.00	0.2%	1.00
<b>Fitness Activities</b>				
Walking	67.0	1.89	46.3%	24.13
Jogging	15.5	1.60	9.1%	25.81
Aerobics/ Fitness Classes	11.8	1.49	6.4%	35.21
Weight Training	12.5	1.54	7.0%	31.27
Running	11.8	1.55	6.7%	29.89
Yoga	1.8	1.43	0.9%	32.50
Other Fitness Activities	1.3	3.00	1.4%	8.60



Table G-4. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	23.3	2.20	18.8%	13.16
Mountain Biking	3.5	2.00	2.6%	9.50
BMX	0.3	1.00	0.1%	99.00
Competitive Cycling	0.3	1.00	0.1%	13.00
Touring	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	6.5	1.85	4.4%	15.92
Hunting	0.8	1.00	0.3%	24.33
Other Equestrian Sports	0.3	2.00	0.2%	25.00
Showing	1.3	1.60	0.7%	4.75
Jumping	0.3	1.00	0.1%	4.00
<b>Winter Sports</b>				
Downhill Skiing	7.3	2.10	5.6%	3.25
Snow Boarding	2.5	1.60	1.5%	5.38
Other Winter Sports	0.8	2.00	0.5%	4.33
Cross Country Skiing	0.5	3.00	0.5%	1.83
Snowmobiling	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	5.3	1.38	2.7%	12.79
Skeet Or Trap Shooting	5.5	1.95	3.9%	8.02
Archery	3.0	1.25	1.4%	15.47
Other Shooting Sports	0.5	1.50	0.3%	5.33
<b>Outdoor Activities</b>				
Hiking	25.5	2.15	20.0%	7.35
Bird Watching	8.5	1.76	5.5%	9.78
Tent Camping	14.3	2.63	13.7%	3.13
Nature Walks	7.8	2.39	6.8%	5.47
RV Camping	4.5	3.11	5.1%	3.79
Off-Road Vehicles	1.3	1.80	0.8%	13.11
Cabin Camping	2.5	2.70	2.5%	1.70
Rock Or Wall Climbing	0.8	1.00	0.3%	2.33
Backpacking	0.5	1.00	0.2%	3.00
Other Camping	0.3	4.00	0.4%	1.50
Other Outdoor Activities	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	39.5	2.44	35.2%	9.39
Attending Fairs or Festivals	68.0	2.58	64.2%	2.94
Picnicking	36.5	2.72	36.3%	4.20
Attending Outdoor Concerts	33.8	2.11	26.1%	3.24
<b>Special Facility Activities</b>				
Dog Exercising	23.3	1.96	16.7%	25.85
Nature/Gardening Programs	20.8	1.67	12.7%	16.69
Golf	19.3	1.62	11.4%	14.92

**Table G-5. Upper Eastern Shore Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Adult Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Softball	6.9	1.13	4.2%	38.72
Baseball	6.9	1.13	4.2%	31.06
Football	7.4	1.06	4.2%	24.00
Soccer	3.5	1.13	2.1%	40.89
Lacrosse	1.3	1.67	1.2%	29.80
T-Ball	0.4	2.00	0.5%	40.00
Field Hockey	0.9	1.00	0.5%	25.50
Other Field Sports	0.9	1.00	0.5%	15.00
<b>Court Sports</b>				
Basketball	10.8	1.24	7.2%	21.39
Horseshoes	17.7	1.46	14.0%	8.57
Tennis	10.0	1.35	7.2%	13.35
Racquetball	2.2	1.00	1.2%	47.20
Volleyball	6.5	1.67	5.8%	7.32
Other Court Sports	0.9	1.00	0.5%	50.50
Handball	0.	0.00	0.0%	0.00
Squash	0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	1.3	1.33	0.9%	41.00
Ice Skating	5.2	1.25	3.5%	5.53
In-Line Skating	1.7	1.00	0.9%	14.00
Roller Skating	2.6	1.33	1.9%	6.75
Ice Hockey	0.4	1.00	0.2%	8.00
In-Line Hockey	0.0	0.00	0.0%	0.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	34.2	1.68	31.1%	16.59
Swimming at Beach/River/Lake	42.9	1.70	39.3%	10.23
Power Boating	29.0	1.69	26.4%	13.29
Sailing	8.2	1.63	7.2%	14.10
Canoeing	5.2	1.58	4.4%	12.26
Water Skiing	4.3	1.60	3.7%	10.75
Kayaking	4.8	1.45	3.7%	8.19
Other Water Sports	1.3	1.33	0.9%	23.00
Sail Boarding	0.0	0.00	0.0%	0.00
Rafting	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Boat	29.9	1.55	25.0%	12.68
Hunting	18.6	1.28	12.9%	18.18
Fishing from Shore/Bank	20.8	1.58	17.8%	12.66
Fishing from Pier	13.4	1.58	11.4%	5.78
Other Fishing	0.4	2.00	0.5%	1.00
<b>Fitness Activities</b>				
Walking	69.7	1.52	57.0%	27.85
Jogging	14.3	1.30	10.0%	27.35
Aerobics/ Fitness Classes	9.1	1.71	8.4%	27.86
Weight Training	8.7	1.60	7.5%	27.00
Running	8.2	1.26	5.6%	26.50
Yoga	1.7	1.25	1.2%	32.20
Other Fitness Activities	1.3	3.67	2.6%	11.73

Table G-5. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	18.2	1.45	14.3%	14.70
Mountain Biking	3.0	1.71	2.8%	11.50
Competitive Cycling	0.4	1.00	0.2%	13.00
Touring	0.0	0.00	0.0%	0.00
BMX	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	5.6	1.38	4.2%	27.67
Showing	1.3	1.33	0.9%	4.00
Jumping	0.4	1.00	0.2%	4.00
Hunting	0.4	1.00	0.2%	3.00
Other Equestrian	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Snow Boarding	1.3	1.33	0.9%	7.00
Downhill Skiing	3.9	1.44	3.0%	1.46
Other Winter Sports	0.9	2.00	0.9%	1.50
Cross Country Skiing	0.4	2.00	0.5%	3.00
Snowmobiling	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	5.2	1.42	4.0%	12.12
Skeet Or Trap Shooting	5.2	1.42	4.0%	7.65
Archery	1.7	1.50	1.4%	9.50
Other Shooting Sports	0.0	0.00	0.0%	0.00
<b>Outdoor Activities</b>				
Hiking	24.2	1.50	19.6%	10.24
Bird Watching	11.3	1.50	9.1%	10.77
Nature Walks	6.5	1.73	6.1%	7.31
Tent Camping	7.8	1.50	6.3%	4.59
RV Camping	4.3	2.04	5.6%	4.96
Off-Road Vehicles	1.7	1.25	1.2%	20.60
Cabin Camping	1.7	1.75	1.6%	1.86
Rock Or Wall Climbing	0.9	1.00	0.5%	1.50
Backpacking	0.4	1.00	0.2%	3.00
Other Camping	0.0	0.00	0.0%	0.00
Other Outdoor Activities	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	28.6	1.59	24.5%	12.73
Attending Fairs Or Festivals	62.8	1.79	60.5%	3.49
Picnicking	32.0	1.77	30.6%	6.28
Attending Outdoor Concerts	39.0	1.69	35.5%	4.20
<b>Special Facility Activities</b>				
Dog Exercising	25.1	1.52	20.6%	32.74
Nature/Gardening Programs	23.8	1.53	19.6%	19.00
Golf	14.7	1.56	12.4%	13.64

**Table G-6. Upper Eastern Shore Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Households with Children Under 18 Years Old**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Soccer	34.9	1.37	12.2%	22.42
Baseball	36.1	1.56	14.3%	17.73
Softball	25.4	1.51	9.8%	17.80
Football	13.0	1.27	4.2%	28.36
Lacrosse	9.5	1.13	2.7%	30.83
Field Hockey	7.7	1.38	2.7%	26.44
Other Field Sports	0.6	2.00	0.3%	49.50
T-Ball	0.6	1.00	0.2%	7.00
<b>Court Sports</b>				
Basketball	32.5	1.47	12.2%	21.57
Tennis	13.0	2.05	6.8%	13.11
Horseshoes	18.3	2.16	10.1%	7.45
Volleyball	8.3	1.86	3.9%	12.69
Racquetball	1.8	2.00	0.9%	11.00
Other Court Sports	0.6	3.00	0.5%	0.00
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Skate Boarding	19.5	1.39	6.9%	21.78
In-Line Skating	23.7	1.98	11.9%	11.97
Ice Skating	22.5	2.18	12.5%	4.00
Ice Hockey	5.3	1.33	1.8%	20.50
Roller Skating	8.9	2.27	5.1%	3.18
In-Line Hockey	0.6	1.00	0.2%	10.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Pool	58.0	3.30	48.6%	11.6
Swimming at Beach/River/Lake	65.1	3.41	56.4%	6.85
Power Boating	30.8	3.31	25.9%	5.37
Kayaking	4.7	3.25	3.9%	7.50
Canoeing	6.5	3.36	5.6%	5.14
Sailing	4.7	2.88	3.5%	8.26
Water Skiing	6.5	2.82	4.7%	2.94
Other Water Sports	1.2	3.00	0.9%	5.00
Rafting	0.6	3.00	0.5%	1.00
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Hunting	32.5	1.73	14.3%	13.65
Fishing from Boat	33.7	2.51	21.5%	8.57
Fishing from Shore/Bank	37.3	2.38	22.6%	7.27
Fishing from Pier	19.5	2.09	10.4%	6.39
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	63.3	2.45	39.4%	20.66
Running	16.6	1.75	7.4%	31.55
Weight Training	17.8	1.50	6.8%	34.31
Aerobics/ Fitness Classes	15.4	1.31	5.1%	43.00
Jogging	17.2	1.93	8.4%	24.63
Yoga	1.8	1.67	0.8%	32.80
Other Fitness Activities	1.2	2.00	0.6%	0.00

Table G-6. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	30.2	2.82	21.7%	12.51
Mountain Biking	4.1	2.29	2.4%	8.00
BMX	0.6	1.00	0.2%	99.00
Competitive Cycling	0.0	0.00	0.0%	0.00
Touring	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	7.7	2.31	4.5%	8.87
Hunting	1.2	1.00	0.3%	35.00
Other Equestrian Sports	0.6	2.00	0.3%	25.00
Showing	0.	2.00	0.6%	5.50
Jumping	0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	11.8	2.40	7.2%	3.73
Snow Boarding	4.1	1.71	1.8%	4.83
Other Winter Sport	0.6	2.00	0.3%	10.00
Cross Country Skiing	0.6	4.00	0.6%	1.25
Snowmobiling	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Skeet Or Trap Shooting	5.9	2.60	3.9%	8.27
Archery	4.7	1.13	1.4%	19.44
Target Shooting	5.3	1.33	1.8%	13.75
Other Shooting Sports	1.2	1.50	0.5%	5.33
<b>Outdoor Activities</b>				
Hiking	27.2	2.93	20.3%	5.56
Tent Camping	23.1	3.15	18.5%	2.81
Nature Walks	9.5	3.00	7.2%	4.48
Bird Watching	4.7	2.63	3.2%	7.95
RV Camping	4.7	4.00	4.8%	2.91
Cabin Camping	3.6	3.33	3.0%	1.65
Off-Road Vehicles	0.6	4.00	0.6%	3.75
Other Camping	0.6	4.00	0.6%	1.50
Rock Or Wall Climbing	0.6	1.00	0.2%	4.00
Backpacking	0.6	1.00	0.2%	3.00
Other Outdoor Activities	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Visiting Playgrounds	54.4	3.04	42.1%	8.13
Attending Fairs or Festivals	75.1	3.49	66.6%	2.62
Picnicking	42.6	3.69	40.0%	3.17
Attending Outdoor Concerts	26.6	2.96	20.0%	2.14
<b>Special Facility Activities</b>				
Dog Exercising	20.7	2.69	14.1%	19.39
Golf	25.4	1.67	10.8%	15.86
Nature/Gardening Programs	16.6	1.96	8.3%	13.16

**Table G-7. Adequacy of Park and Recreation Facilities in the Upper Eastern Shore: Percent Responding to Question: “Please tell me if you think your county has more than enough, enough, or not enough . . .”**

	All Households	Adult Households	Households with Children
<b>Natural Parks or Wildlife Areas</b>			
More Than Enough	6.3	6.5	5.9
Enough	55.0	51.5	59.8
Not enough	35.5	37.7	32.5
Don't Know/No Opinion	3.3	4.3	1.8
<b>Parks for Recreation &amp; Leisure</b>			
More Than Enough	7.0	8.7	4.7
Enough	61.8	63.6	59.2
Not enough	28.0	22.9	34.9
Don't Know/No Opinion	3.3	4.8	1.2
<b>Indoor Recreation Facilities</b>			
More Than Enough	5.0	5.6	4.1
Enough	32.0	36.8	25.4
Not enough	53.5	43.3	67.5
Don't Know/No Opinion	9.5	14.3	3.0
<b>Swimming Pools</b>			
More Than Enough	4.3	5.2	3.0
Enough	38.0	42.0	32.5
Not enough	51.3	42.4	63.3
Don't Know/No Opinion	6.5	10.4	1.2
<b>Trails &amp; Pathways</b>			
More Than Enough	6.8	6.1	7.7
Enough	55.0	56.3	53.3
Not enough	33.8	31.6	36.7
Don't Know/No Opinion	4.5	6.1	2.4
<b>Dog Parks</b>			
More Than Enough	2.3	3.0	1.2
Enough	44.8	39.4	52.1
Not enough	32.3	31.6	33.1
Don't Know/No Opinion	20.8	26.0	13.6
<b>Golf Courses</b>			
More Than Enough	22.3	25.5	17.8
Enough	58.3	56.3	60.9
Not enough	14.3	11.3	18.3
Don't Know/No Opinion	5.3	6.9	3.0
<b>Playgrounds</b>			
More Than Enough	7.8	6.9	8.9
Enough	58.3	59.3	56.8
Not enough	29.5	26.0	34.3
Don't Know/No Opinion	4.5	7.8	0.0
<b>Picnic Facilities</b>			
More Than Enough	5.5	5.6	5.3
Enough	60.5	61.5	59.2
Not enough	30.5	27.7	34.3
Don't Know/No Opinion	3.5	5.2	1.2
<b>Boating or Water Front Activities</b>			
More Than Enough	12.3	12.1	12.4
Enough	65.8	67.1	63.9
Not enough	18.8	15.2	23.7
Don't Know/No Opinion	3.3	5.6	0.0
<b>Bike Lanes Along Roads</b>			
More Than Enough	6.0	6.5	5.3
Enough	35.0	39.0	29.6
Not enough	54.5	49.4	61.5
Don't Know/No Opinion	4.5	5.2	3.6

**LOWER EASTERN SHORE**  
**(Dorchester, Wicomico, Worcester, and Somerset Counties)**

	<b>Households Surveyed</b>	<b>Individual Household Members</b>
<b>Total</b>	<b>400</b>	<b>1090</b>
<b>Adult Households</b>	<b>230</b>	<b>421</b>
<b>Households with Children</b>	<b>170</b>	<b>669</b>

**Highlights**

- Power boating, fishing from boat, and pleasure biking are among the top ten activities of Lower Eastern Shore households.
- Dog exercising ranks eleventh, followed by fishing from shore or bank and nature or gardening programs.
- Horseshoes outranks all field sports, but its participants come primarily from adult households, where it ranks 14<sup>th</sup>, but only 29<sup>th</sup> among households with children.
- In contrast, soccer ranks 10<sup>th</sup> among households with children, but 34<sup>th</sup> among adult households.
- Soccer and baseball attract participants from three of every 10 households with children, and both enjoy high participation rates.
- More than six in ten households with children say there are not enough indoor recreation facilities or swimming pools in their counties.

**Table H-1. The Ten Most Popular Park and Recreation Activities of Lower Eastern Shore Households**

<b>Activity</b>	<b>All Households</b>		<b>Adult Households</b>		<b>Households with Children</b>	
	Percent	Rank	Percent	Rank	Percent	Rank
Walking	69.5	1	72.2	1	65.9	2
Attending Fairs or Festivals	62.5	2	55.7	2	71.8	1
Swimming at Beach/River/Lake	55.8	3	48.7	3	65.3	3
Swimming at Pool	47.0	4	38.3	4	58.8	4
Visiting Playgrounds	38.8	5	26.1	10	55.9	5
Picnicking	34.8	6	29.1	8	42.4	6
Power Boating	30.8	7	30.0	6	31.8	9
Attending Outdoor Concerts	29.5	8	30.4	5	28.2	14
Fishing from Boat	29.3	9	29.6	7	28.8	13
Pleasure/ Recreational Biking	24.5	10	18.7	13	32.4	8

**Table H-2. Other Park and Recreation Activities Attracting Participants from More Than 10 Percent of Lower Eastern Shore Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Dog Exercising	24.5	11	23.0	11	26.5	15
Fishing Shore/Bank	23.5	12	17.8	15	31.2	11
Nature/Gardening Programs	22.5	13	26.5	9	17.1	28
Hiking	21.5	14	19.6	12	24.1	17
Basketball	19.5	15	7.4	24	35.9	7
Golf	18.8	16	16.1	16	22.4	19
Weight Training	17.8	17	15.7	17	20.6	23
Horseshoes	17.5	18	18.3	14	16.5	29
Baseball	16.5	19	7.0	236	29.4	12
Jogging	16.3	20	9.6	20	25.3	16
Soccer	15.8	21	4.3	34	31.2	10
Hunting	14.5	22	12.6	18	17.1	27
Tent Camping	13.5	23	8.7	22	20.0	25
Softball	13.0	24	7.0	27	21.2	20
Fishing Pier	11.8	25	5.7	30	20.0	24
Running	11.8	26	4.8	33	21.2	22
In-Line Skating	11.0	27	1.7	43	23.5	18
Football	10.0	28	3.0	35	19.4	26



**Table H-3. Park and Recreation Activities Attracting Participants from 2 to 10 Percent of Lower Eastern Shore Households**

<i>Activity</i>	<i>All Households</i>		<i>Adult Households</i>		<i>Households with Children</i>	
	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>	<i>Percent</i>	<i>Rank</i>
Skate Boarding	9.5	29	0.9	52	21.2	21
Tennis	9.3	30	7.8	23	11.2	31
Aerobics/ Fitness Class	9.0	31	9.1	21	8.8	35
Nature Walks	8.0	32	7.4	25	8.8	36
Bird Watching	7.3	33	10.0	19	3.5	52
Canoeing	6.8	34	6.5	29	7.1	38
Sailing	6.0	35	7.0	28	4.7	44
Downhill Skiing	6.0	36	2.6	38	10.6	33
Volleyball	5.8	37	2.2	40	10.6	32
Ice Skating	5.5	38	0.9	51	11.8	30
Roller Skating	5.3	39	2.6	36	8.8	34
Water Skiing	5.0	40	4.8	32	5.3	42
Kayaking	4.8	41	5.2	31	4.1	48
Target Shooting	4.5	42	2.6	39	7.1	39
RV Camping	4.0	43	1.3	48	7.6	37
Lacrosse	3.0	44	1.3	45	5.3	41
Skeet Or Trap Shooting	3.0	45	2.2	42	4.1	49
Trail Riding	2.8	46	0.4	59	5.9	40
Field Hockey	2.5	47	0.4	56	5.3	42
Mountain Biking	2.5	48	2.2	41	2.9	53
Racquetball	2.3	49	0.9	50	4.1	46
Yoga	2.0	50	2.6	37	1.2	58
Archery	2.0	51	0.0	81	4.7	45
Cabin Camping	2.0	52	0.9	54	3.5	51

**Table H-4. Lower Eastern Shore Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—All Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	16.5	1.49	8.7%	23.12
Soccer	15.8	1.47	9.0%	20.57
Softball	13.0	1.50	5.6%	23.15
Football	10.0	1.37	6.6%	15.20
Lacrosse	3.0	1.17	1.3%	34.21
Field Hockey	2.5	1.20	1.1%	33.33
T-Ball	0.8	1.00	0.3%	39.00
Other Field Sports	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	19.5	1.64	11.9%	22.09
Horseshoes	17.5	1.49	9.6%	8.26
Tennis	9.3	1.70	5.8%	12.97
Volleyball	5.8	1.43	3.1%	14.91
Racquetball	2.3	1.22	1.0%	28.73
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
In-Line Skating	11.0	1.29	4.5%	26.53
Skate Boarding	9.5	1.89	7.7%	7.78
Ice Skating	5.5	1.14	0.7%	40.75
Roller Skating	5.3	2.14	4.4%	4.89
Ice Hockey	1.8	2.14	4.2%	5.04
In-Line Hockey	0.3	1.00	0.1%	1.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Beach/River/Lake	55.8	2.45	42.7%	11.7
Swimming at Pool	47.0	2.51	51.8%	8.03
Power Boating	30.8	2.40	27.3%	9.14
Canoeing	6.8	2.21	4.9%	9.55
Sailing	6.0	2.48	6.2%	6.40
Water Skiing	5.0	2.16	3.8%	7.15
Kayaking	4.8	2.20	4.1%	4.52
Rafting	1.3	1.60	0.7%	16.63
Other Water Sports	0.8	2.00	0.6%	2.33
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Boat	29.3	1.75	19.0%	12.16
Fishing from Shore/Bank	23.5	1.91	16.7%	8.04
Hunting	14.5	1.22	6.6%	14.99
Fishing from Pier	11.8	2.09	9.1%	7.45
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	69.5	1.92	49.4%	26.27
Weight Training	17.8	1.69	11.1%	30.95
Jogging	16.3	1.86	11.2%	25.18
Running	11.8	1.74	7.6%	27.80
Aerobics/ Fitness Classes	9.0	1.64	5.5%	23.32
Yoga	2.0	2.00	1.5%	21.31
Other Fitness Activities	1.3	1.80	0.8%	11.67

Table H-4. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	24.5	2.16	19.6%	12.60
Mountain Biking	2.5	1.90	1.8%	15.84
BMX	0.5	2.00	0.2%	26.00
Competitive Cycling	0.3	1.00	0.1%	15.00
Touring	0.3	2.00	0.2%	5.00
Other Cycling Sports	0.3	1.05	0.3%	2.00
<b>Equestrian Sports</b>				
Trail Riding	2.8	2.09	2.1%	11.43
Showing	0.8	1.33	0.4%	21.50
Jumping	0.8	1.33	0.4%	21.50
Hunting	0.3	2.00	0.2%	3.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	6.0	2.50	5.6%	3.47
Snow Boarding	1.5	2.00	1.1%	3.00
Cross Country Skiing	1.0	2.50	0.9%	2.30
Other Winter Sport	0.8	3.33	0.9%	2.10
Snowmobiling	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	4.5	1.33	2.2%	12.46
Skeet Or Trap Shooting	3.0	1.33	1.5%	12.75
Archery	2.0	1.25	0.9%	16.70
Other Shooting Sports	0.3	4.00	0.4%	5.00
<b>Outdoor Activities</b>				
Hiking	21.5	2.31	18.4%	9.53
Tent Camping	13.5	1.83	4.9%	11.96
Nature Walks	8.0	2.39	11.9%	3.53
Bird Watching	7.3	2.50	7.4%	4.19
RV Camping	4.0	3.25	4.8%	4.50
Cabin Camping	2.0	3.00	1.1%	15.17
Off-Road Vehicles	1.5	2.67	1.5%	2.75
Other Outdoor Activities	1.0	3.13	2.3%	1.68
Other Camping	0.5	1.00	0.2%	10.50
Backpacking	0.5	2.50	0.5%	2.40
Rock Or Wall Climbing	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Attending Fairs Or Festivals	62.5	2.35	33.7%	9.57
Visiting Playgrounds	38.8	2.62	60.6%	2.92
Picnicking	34.8	2.80	36.0%	4.19
Attending Outdoor Concerts	29.5	2.20	24.1%	2.74
<b>Special Facility Activities</b>				
Dog Exercising	24.5	2.00	18.1%	26.48
Nature/Gardening Programs	22.5	1.53	12.8%	18.04
Golf	18.8	1.52	10.6%	16.98

**Table H-5. Lower Eastern Shore Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Adult Households**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Baseball	7.0	1.25	4.8%	19.05
Softball	7.0	1.19	4.5%	20.42
Soccer	4.3	1.20	2.9%	19.00
Football	3.0	1.29	2.1%	41.22
Lacrosse	1.3	1.00	0.7%	16.00
Field Hockey	0.4	1.00	0.2%	0.00
T-Ball	0.0	0.00	0.0%	0.00
Other Field Sports	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Horseshoes	18.3	1.38	13.8%	7.62
Tennis	7.8	1.72	7.4%	9.06
Basketball	7.4	1.47	5.9%	21.92
Volleyball	2.2	2.00	2.4%	2.30
Racquetball	0.9	1.00	0.5%	51.00
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
Roller Skating	2.6	1.00	1.4%	4.67
In-Line Skating	1.7	1.25	1.2%	7.20
Ice Skating	0.9	2.00	1.0%	1.75
Skate Boarding	0.9	1.00	0.5%	40.00
In-Line Hockey	0.4	1.00	0.2%	1.00
Ice Hockey	0.0	0.00	0.0%	0.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Beach/River/Lake	48.7	1.74	46.3%	9.26
Swimming at Pool	38.3	1.69	35.4%	11.31
Power Boating	30.0	1.71	28.0%	13.13
Sailing	7.0	1.63	6.2%	13.12
Canoeing	6.5	1.93	6.9%	6.10
Kayaking	5.2	1.33	3.8%	4.94
Water Skiing	4.8	1.55	4.0%	6.29
Rafting	1.7	1.50	1.4%	20.83
Other Water Sports	1.3	2.00	1.4%	2.33
Sail Boarding	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Boat	29.6	1.54	24.9%	14.26
Fishing from Shore/Bank	17.8	1.51	14.7%	10.31
Hunting	12.6	1.03	7.1%	16.77
Fishing from Pier	5.7	1.38	4.3%	11.50
Other Fishing	0.0	0.00	0.0%	0.00
<b>Fitness Activities</b>				
Walking	72.2	1.63	64.4%	31.55
Weight Training	15.7	1.39	11.9%	30.28
Jogging	9.6	1.68	8.8%	24.70
Aerobics/ Fitness Classes	9.1	1.71	8.6%	20.19
Running	4.8	1.64	4.3%	13.39
Yoga	2.6	1.50	2.1%	21.33
Other Fitness Activities	1.3	1.67	1.2%	1.00

Table H-5. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	18.7	1.53	15.7%	14.71
Mountain Biking	2.2	1.40	1.7%	21.71
BMX	0.9	1.50	0.7%	2.00
Other Cycling Sports	0.4	2.00	0.5%	26.00
Competitive Cycling	0.0	0.00	0.0%	0.00
Touring	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	0.4	2.00	0.5%	15.00
Showing	0.4	1.00	0.2%	30.00
Jumping	0.4	1.00	0.2%	30.00
Hunting	0.0	0.00	0.0%	0.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	2.6	1.50	2.1%	2.11
Cross Country Skiing	0.0	0.00	0.0%	0.00
Snow Boarding	0.0	0.00	0.0%	0.00
Snowmobiling	0.0	0.00	0.0%	0.00
Other Winter Sports	0.0	0.00	0.0%	0.00
<b>Shooting Sports</b>				
Target Shooting	2.6	1.17	1.7%	11.14
Skeet Or Trap Shooting	2.2	1.20	1.4%	18.33
Archery	0.0	0.00	0.0%	0.00
Other Shooting Sports	0.0	0.00	0.0%	0.00
<b>Outdoor Activities</b>				
Hiking	19.6	1.69	18.1%	14.66
Bird Watching	10.0	1.61	8.8%	13.11
Tent Camping	8.7	1.55	7.4%	5.10
Nature Walks	7.4	1.88	7.6%	5.19
RV Camping	1.3	2.00	1.4%	0.83
Off-Road Vehicles	1.3	2.00	1.4%	3.67
Cabin Camping	0.9	1.50	0.7%	5.67
Other Outdoor Activities	0.9	2.50	1.2%	12.6
Other Camping	0.4	2.00	0.5%	0.00
Backpacking	0.4	1.00	0.2%	20.00
Rock or Wall Climbing	0.0	0.00	0.0%	0.00
<b>Family Or Group Activities</b>				
Attending Fairs Or Festivals	55.7	1.80	54.6%	3.44
Attending Outdoor Concerts	30.4	1.71	28.5%	2.94
Picnicking	29.1	1.82	29.0%	5.01
Visiting Playgrounds	26.1	1.58	22.6%	12.64
<b>Special Facility Activities</b>				
Nature/Gardening Programs	26.5	1.39	20.2%	22.26
Dog Exercising	23.0	1.60	20.2%	31.91
Golf	16.1	1.32	11.6%	18.35

**Table H-6. Lower Eastern Shore Park and Recreation Activities in Descending Order of User-Occasions for Each Activity Category—Households with Children under 18 Years Old**

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Field Sports</b>				
Soccer	31.2	1.55	11.5%	23.72
Baseball	29.4	1.54	7.8%	20.96
Softball	21.2	1.44	7.6%	13.29
Football	19.4	1.55	12.3%	19.96
Lacrosse	5.3	1.22	1.6%	39.18
Field Hockey	5.3	1.22	1.6%	36.36
T-Ball	1.8	0.00	0.4%	39.00
Other Field Sports	0.0	0.00	0.0%	0.00
<b>Court Sports</b>				
Basketball	35.9	1.69	15.4%	22.13
Horseshoes	16.5	1.64	4.8%	9.07
Tennis	11.2	1.68	3.4%	16.75
Volleyball	10.6	1.28	6.9%	20.39
Racquetball	4.1	1.29	1.3%	23.78
Handball	0.0	0.00	0.0%	0.00
Squash	0.0	0.00	0.0%	0.00
Other Court Sports	0.0	0.00	0.0%	0.00
<b>Skating Sports</b>				
In-Line Skating	23.5	1.95	6.4%	7.82
Skate Boarding	21.2	1.31	1.2%	25.96
Ice Skating	11.8	2.15	11.7%	5.19
Roller Skating	8.8	2.60	7.0%	5.10
Ice Hockey	4.1	1.14	5.8%	40.75
In-Line Hockey	0.0	0.00	0.0%	0.00
Other Skating Sports	0.0	0.00	0.0%	0.00
<b>Water Sports</b>				
Swimming at Beach/River/Lake	65.3	3.28	46.6%	7.37
Swimming at Pool	58.8	3.12	54.4%	11.89
Power Boating	31.8	3.28	26.5%	6.49
Canoeing	7.1	3.17	4.0%	6.63
Water Skiing	5.3	3.00	5.7%	3.41
Sailing	4.7	3.38	3.7%	6.11
Kayaking	4.1	3.57	4.0%	8.56
Rafting	0.6	2.00	0.0%	4.00
Sail Boarding	0.0	0.00	0.3%	0.00
Other Water Sports	0.0	0.00	0.0%	0.00
<b>Fishing And Hunting</b>				
Fishing from Shore/Bank	31.2	2.23	17.6%	6.85
Fishing from Boat	28.8	2.04	12.0%	9.95
Fishing from Pier	20.0	2.35	14.9%	6.54
Hunting	17.1	1.41	0.0%	13.68
Other Fishing	0.0	0.00	6.1%	0.00
<b>Fitness Activities</b>				
Walking	65.9	2.34	39.2%	20.81
Jogging	25.3	1.95	12.6%	25.39
Running	21.2	1.78	9.6%	31.86
Weight Training	20.6	2.00	3.4%	31.43
Aerobics/ Fitness Classes	8.8	1.53	10.5%	28.22
Yoga	1.2	3.50	1.0%	21.29
Other Fitness Activities	1.2	2.00	0.6%	26.25

Table H-6. Continued

<i>Activity</i>	<i>Percent of Participating Households</i>	<i>Average Number of Participants per Household</i>	<i>Individual Participation Rate</i>	<i>Frequency of Participation per Person</i>
<b>Cycling Sports</b>				
Pleasure/ Recreational Biking	32.4	2.65	21.8%	11.64
Mountain Biking	2.9	2.40	1.8%	12.42
Competitive Cycling	0.6	1.00	0.1%	15.00
Touring	0.6	2.00	0.3%	5.00
BMX	0.0	0.00	0.0%	0.00
Other Cycling Sports	0.0	0.00	0.0%	0.00
<b>Equestrian Sports</b>				
Trail Riding	5.9	2.10	3.1%	11.10
Showing	1.2	1.50	0.4%	18.67
Jumping	1.2	1.50	0.4%	18.67
Hunting	0.6	2.00	0.3%	3.00
Other Equestrian Sports	0.0	0.00	0.0%	0.00
<b>Winter Sports</b>				
Downhill Skiing	10.6	2.83	7.6%	3.71
Snow Boarding	3.5	2.00	1.5%	3.00
Cross Country Skiing	2.4	2.50	1.8%	2.30
Other Winter Sports	1.8	3.33	0.0%	2.10
Snowmobiling	0.0	0.00	1.5%	0.00
<b>Shooting Sports</b>				
Target Shooting	7.1	1.42	1.5%	13.00
Archery	4.7	1.25	2.5%	16.70
Skeet Or Trap Shooting	4.1	1.43	1.5%	9.40
Other Shooting Sports	0.6	4.00	0.6%	5.00
<b>Outdoor Activities</b>				
Hiking	24.1	3.00	18.4%	6.37
Tent Camping	20.0	2.88	14.6%	3.03
Nature Walks	8.8	3.20	6.9%	3.52
RV Camping	7.6	3.54	3.3%	4.98
Cabin Camping	3.5	3.67	0.4%	1.14
Bird Watching	3.5	2.67	0.1%	9.31
Off-Road Vehicles	1.8	3.33	2.4%	2.20
Other Outdoor Activities	1.2	3.50	7.2%	17.00
Other Camping	0.6	3.00	0.0%	4.00
Backpacking	0.6	1.00	1.5%	1.00
Rock Or Wall Climbing	0.0	0.00	1.0%	0.00
<b>Family Or Group Activities</b>				
Attending Fairs Or Festivals	71.8	3.48	40.2%	2.63
Visiting Playgrounds	55.9	2.83	39.9%	8.49
Picnicking	42.4	3.71	20.9%	3.82
Attending Outdoor Concerts	28.2	2.92	63.5%	2.57
<b>Special Facility Activities</b>				
Dog Exercising	26.5	2.47	7.9%	22.32
Golf	22.4	1.71	16.6%	15.95
Nature/Gardening Programs	17.1	1.83	9.7%	11.26

**Table H-7. Adequacy of Park and Recreation Facilities in the Lower Eastern Shore: Percent Responding to Question: “Please tell me if you think your county has more than enough, enough, or not enough . . .”**

	All Households	Adult Households	Households with Children
<b>Natural Parks or Wildlife Areas</b>			
More Than Enough	7.0	6.6	7.6
Enough	57.0	57.8	55.9
Not Enough	32.5	33.0	31.8
Don't Know/No Opinion	3.5	2.6	4.7
<b>Parks for Recreation &amp; Leisure</b>			
More Than Enough	6.3	5.2	7.6
Enough	58.8	62.6	53.5
Not Enough	32.3	29.1	36.5
Don't Know/No Opinion	2.8	3.0	2.4
<b>Indoor Recreation Facilities</b>			
More Than Enough	4.3	3.5	5.3
Enough	40.3	50.4	26.5
Not Enough	50.3	39.1	65.3
Don't Know/No Opinion	5.3	7.0	2.9
<b>Swimming Pools</b>			
More Than Enough	5.0	5.7	4.1
Enough	36.8	41.3	30.6
Not Enough	54.5	48.3	62.9
Don't Know/No Opinion	3.8	4.8	2.4
<b>Trails &amp; Pathways</b>			
More Than Enough	5.0	4.8	5.3
Enough	53.8	60.0	45.3
Not Enough	35.8	30.0	43.5
Don't Know/No Opinion	5.5	5.2	5.9
<b>Dog Parks</b>			
More Than Enough	2.8	2.6	2.9
Enough	43.0	42.2	44.1
Not Enough	36.8	33.5	41.2
Don't Know/No Opinion	17.5	21.7	11.8
<b>Golf Courses</b>			
More Than Enough	25.0	29.1	19.4
Enough	61.3	59.6	63.5
Not Enough	10.0	7.4	13.5
Don't Know/No Opinion	3.8	3.9	3.5
<b>Playgrounds</b>			
More Than Enough	6.8	7.0	6.5
Enough	58.3	60.0	55.9
Not Enough	30.5	27.0	35.3
Don't Know/No Opinion	4.5	6.1	2.4
<b>Picnic Facilities</b>			
More Than Enough	4.0	4.3	3.5
Enough	61.3	61.3	61.2
Not Enough	30.3	28.7	32.4
Don't Know/No Opinion	4.5	5.7	2.9
<b>Boating or Waterfront Facilities</b>			
More Than Enough	11.3	10.4	12.4
Enough	68.0	70.0	65.3
Not Enough	16.0	14.8	17.6
Don't Know/No Opinion	4.8	4.8	4.7
<b>Bike Lanes Along Roads</b>			
More Than Enough	6.3	5.7	7.1
Enough	36.0	42.2	27.6
Not Enough	53.8	47.8	61.8
Don't Know/No Opinion	4.0	4.3	3.5



## APPENDIX I. SURVEY INSTRUMENT

**Maryland Institute for Policy Analysis and Research and  
Center for Urban Environmental Research and Education  
University of Maryland, Baltimore County  
Open Space and Recreation Survey  
for the  
Maryland Departments of Planning and Natural Resources**

### Final Questionnaire

(Version B, Monday, January 13, 2003- Mason-Dixon Numbering)

#### Introduction:

Good (morning, evening), I'm \_\_\_\_\_ and I'm calling on behalf of the University of Maryland, Baltimore County.

We're conducting a survey for local parks and recreation departments in Maryland to help them plan for the leisure and recreational needs of their residents.

We would like to talk to adult Maryland residents about their and other household member's leisure and recreational interests and attitudes towards their county's park and recreation department.

Would you have a few minutes to participate? Your participation is voluntary and your answers will be kept confidential.

S1. Are somewhat familiar with the recreational and leisure interests of the members of your household?

YES-PROCEED

NO-TERMINATE \*\*

[\*\*If not, ask for another adult member of the household who is familiar with the recreational interests of the household. If no one is available, terminate.]

#### Household size

1. Including yourself, how many persons live in your household: [verbatim # of person \_\_\_\_\_.]
  - If only one person, go to [Intro for single household];
  - If more than one person in the household go to Intro for households with two or more individuals.

Q's 2-4. How many persons are there...:

		Number
2.	Under 18	Verbatim # ___
3.	Between 18 and 65	Verbatim # ___
4.	Over 65	Verbatim # ___

Q's 5-172

Activities:

General interviewer instructions:

**Interviewer reads ONLY:**

- **The activities in boldface and,**
- **The “Any other \_\_\_\_\_ sports?” question.**

**Note to: code as yes/no for activity only. Record # persons and frequencies as numbers.**

**Interviewer: Before introducing each new category (e.g., Court Sports, Skating sports, etc) say: Now, what about... and then go thru the list. Then ask “Any other \_\_\_\_\_ sports. Then begin again with Now, how about \_\_\_\_\_, etc.”**

[Intro for single household]

Now I'm going to read you a list of activities that occur in local parks and recreation facilities. For each activity please tell me if you participated in any of these activities during the past year? That is, which activities you engage in outside of your home somewhere in Maryland.

[Intro for households with two or more individuals]

Now I'm going to read you a list of activities that occur in local parks and recreation facilities. Thinking of your entire household, could you tell me if you and or other members of your household engaged in any of these activities during the past year? That is, which activities they engaged in outside of your home somewhere in Maryland.

**A.**  
**RECORD THE RESPONSE IN THE COLUMN TITLED "A. NUMBER OF PERSONS".]**

The first set of activities is field sports. How about Baseball. How many persons in your household participated in baseball [or other the activity] during the past year? \_\_\_\_\_

**B.**  
**[RECORD RESPONSE IN COLUMN TITLED "B. FREQUENCY".]**

**For each activity participated in, ask part B.**

Now, please estimate the total number of times, including practice sessions, that *all household members* participated during the past year in baseball [or name of activity] \_\_\_\_\_

**SCALE FOR COLUMN B: Capture exact response (up to 99)**

	<b>Activity</b>	<b>A. Number of Persons (0-9)</b>	<b>B. Frequency (01-99)</b>
	<b>First, how about field sports?</b>		
5-6	<b>Baseball</b>		
7-8	<b>Softball</b>		
9-10	<b>Football</b>		
11-12.	<b>Soccer</b>		
13-14	<b>Lacrosse</b>		
15-16	<b>Field Hockey</b>		
	Any other field sports?		
17-18	T-Ball [not bold, do not read]		
19-20	Other:		
	<b>How about court sports... like</b>		
21-22	<b>Basketball</b>		
23-24	<b>Tennis</b>		
25-26	<b>Volleyball</b>		
27-28	<i>Horseshoes</i>		
	Any other court sports?		
29-30	Racquetball		
31-32	Handball		
33-34	Squash		
35-36	Other:		
	<b>How about skating sports... like</b>		
37-38	<b>Ice Skating</b>		
39-40	<i>Ice Hockey</i>		
41-42	<i>In-Line skating</i>		
43-44	<b>Skate Boarding</b>		
	<i>Other Skating Sports?</i>		
45-46	Roller skating		
47-48	In-Line Hockey		
49-50	Other:		
	<b>How about water sports... like</b>		
51-52	<b>Swimming at pool</b>		
53-54	<b>Swimming at beach/river/lake</b>		
	<b>Boating [if yes] "What kind?" Do not read list initially, only read to give example :</b>		

55-56	Power boating		
57-58	Sailing		
59-60	Canoeing		
61-62	Kayaking		
	<b><i>Any other water sports?</i></b>		
63-64	Water Skiing		
65-66	Sail boarding		
67-68	Rafting		
69-70	Other:		
	<b>Fishing (if yes, did you fish from:)</b>		
71-72	Shore or bank		
73-74	Pier		
75-76	Boat		
77-78	Other:		
	<b>How about these ...</b>		
79-80	<b>Hunting</b>		
81-82	<b>Hiking</b>		
83-84	<b>Picnicking</b>		
85-86	<b>Golf</b>		
	<b>How about fitness activities... like</b>		
87-88	<b>Walking</b>		
89-90	<b>Jogging</b>		
91-92	<b>Running</b>		
	<b><i>Any other fitness Activities?</i></b>		
93-94	Aerobics or fitness classes		
95-96	Weight training		
97-98	Yoga		
99-100	Other:		
	<b>How about cycling Sports ...[if yes] "What type?":</b> <b>Do not read list initially, only read to give example :</b>		
101-102	Pleasure/recreational cycling		
103-104	Mountain biking		
105-106	Competitive Cycling		
107-108	Touring		
109-110	BMX		
111-112	Others:		
	<b>Equestrian Sports ...[if yes] "What type?":</b> <b>Do not read list initially, only read to give example :</b>		
113-114	Trail riding		
115-116	Showing		
117-118	Jumping		
119-120	Hunting		
121-122	Other:		
	<b>Winter Sports ...[if yes] "What type?":</b> <b>Do not read list initially, only read to give example :</b>		
123-124	Downhill skiing		
125-126	<b><i>Cross country skiing</i></b>		
127-128	Snow boarding		
129-130	Snowmobiling		

131-132	Other:		
	<b>Shooting Sports ...[if yes] "What type?": Do not read list initially, only read to give example :</b>		
133-134	Archery		
135-136	Target Shooting		
137-138	Skeet or Trap Shooting		
139-140	Other:		
	<b>...[if yes] "What type?": Do not read list initially, only read to give example :</b>		
141-142	<b><i>Tent</i></b>		
143-144	RV		
145-146	Cabin		
147-148	Other:		
	<b><i>Any other outdoor activities:</i></b>		
149-150	Backpacking		
151-152	Bird watching		
153-154	Nature walks		
155-156	Rock or wall climbing		
157-158	Off-Road vehicles		
159-160	Other		
161-162	<b>Visiting playgrounds</b>		
163-164	<b>Nature/Gardening Programs</b>		
165-166	<b>Dog exercising</b>		
167-168	<b>Attending Outdoor Concerts</b>		
169-170	<b>Attending Fairs or festivals</b>		

**Q's 171-174. Were there any other recreation or leisure activities I have not mentioned that you or members of your household participated in outside your home somewhere in Maryland during the past year?**

**Interviewer: List the activities mentioned below then ask the number of participants and total number of times, as above. Probe for up to two activities**

	<b>Activity</b>	<b>A. # of Persons</b>	<b>B. Frequency</b>
171-172	Verbatim_____		
173-174	Verbatim_____		

Q's 175. – 178

**Are there any recreational or leisure activities that we have or have not mentioned that you or other members of your household would like to participate in, but for some reason cannot? [If yes, record activity verbatim]**

**What is the primary reason you or other members of your household do not participate in the activity? [Record verbatim]**

**[IF NO ACTIVITIES ARE NAMED, GO TO Q181]**

	Activity		Primary Reason for not participating
175	Verbatim_____	176	Verbatim_____
177	Verbatim_____	178	Verbatim_____

Q's 179 – 189

[Latent Demand:]

**I am going to ask your opinion about the adequacy parks and recreation facilities *in your county*.**

**By that I mean for each of the facilities that I name, please tell me if you think that your county has more than enough, enough, or not enough.**

		1= More	2= Enough	3= Not Enough	4= DK/No Opinion
179	Parks or wildlife areas left in their natural state	1	2	3	4
180	Parks for recreation and leisure activities	1	2	3	4
181	Indoor Recreation Facilities	1	2	3	4
182	Swimming Pools	1	2	3	4
183	Trails & Pathways	1	2	3	4
184	Dog Parks	1	2	3	4
185	Golf Courses	1	2	3	4
186	Playgrounds	1	2	3	4
187	Picnic facilities	1	2	3	4
188	Boating or Waterfront Facilities	1	2	3	4
189	Bike Lanes along Roads	1	2	3	4

Now, I'd like to ask you a few questions about you and your household.

190. What is your current age? \_\_

191. What is your highest level of education?

1	Did not complete high school
2	High school graduate/GED
3	Some college
4	College graduate
5	Some graduate or professional courses
6	Graduate or professional education or degree
7	Refused (Do not read)

192. NOTE SEX:

1	Male
2	Female

193. In what county do you live? *(Do not read county names; however if respondent says Baltimore, probe for City or County.)*

01	Allegany	13	Harford
02	Anne Arundel	14	Howard
03	Baltimore City	15	Kent
04	Baltimore County	16	Montgomery
05	Calvert	17	Prince George's
06	Caroline	18	Queen Anne's
07	Carroll	19	St. Mary's
08	Cecil	20	Somerset
09	Charles	21	Talbot
10	Dorchester	22	Washington
11	Frederick	23	Wicomico
12	Garrett	24	Worcester

194. What is your zip code? \_\_\_\_\_

195. What is your race or ethnicity?

1	White/Caucasian
2	Black/African American
3	Hispanic or Latino
4	Asian or Pacific Islander
5	Native American or Alaskan Native
6	Other
7	Don't know (Do not read)
8	Refused (Do not read)



196. I'm now going to read you some income categories. Please stop me when I get to the category that includes your *total* household income.

1	Less than \$25,000
2	\$25,000 to \$49,999
3	\$50,000-\$74,999
4	\$75,000-\$99,999
5	\$100,000 or more
6	Don't know (do not read)
7	Refused (do not read)

197. Are you:

1	Single
2	Married
3	In a domestic relationship
4	Separated/Divorced
5	Widowed
6	Other

198. Is there anyone with a disability living in your household? (IF YES, How many?)

No, none	0
Yes, 1	1
Yes, 2	2
Yes, 3+	3
Refused	4

199. NOTE REGION

Western Maryland	1
Baltimore Suburbs	2
Baltimore City	3
Washington Suburbs	4
Southern Maryland	5
Upper Eastern Shore	6
Lower Eastern Shore	7

**This concludes our interview. Thank you for participating.**

## APPENDIX II. METHODOLOGY

Mason-Dixon uses a Computer Assisted Telephone Interviewing (CATI) system that randomly selects telephone numbers to ensure that a sample is representative of the state. In this survey the sample size was 400 households from each of the seven regions, to produce a total of 2800 completed interviews. Once the 2800 complete interviews had been conducted, a second random sample of 1105 was drawn from them to represent the entire State. Regional samples of this size enables researchers to be confident that if the survey were conducted again with a randomly drawn sample, the results obtained for each region would have a margin of error of plus or minus five percent, which means that 95 times out of 100, the results would be within plus or minus five percent of those observed here. For the larger statewide sample, the margin of error is plus or minus four percent.

In statistical terms, a random sample means that every household in a region had an equal opportunity to appear in the sample. In both the regional and statewide samples, the distribution on households across counties was also approximated. The table below shows the distribution of the sample in each region and compares it with the distribution of households and population among Maryland counties. It is clear that the sample is reasonably representative of both households and population.

Readers who are unfamiliar with survey research may be concerned that samples this size cannot possibly be used to represent the views of Marylanders as a whole. Their concern may be that researchers cannot extrapolate from the sample population to the population at large. This is an understandable concern, but one with little or no foundation.

If properly conducted (that is, following known scientific principles), a survey is a widely accepted and reliable way to gather information and estimate public opinion. It is also far more efficient and less costly than alternatives such as personal interviews with an entire population. Moreover, because of the random nature of the sampling, size is of little consequence. To quote one expert source: "The size of the [overall] population has little bearing on sample size whenever the sample size is less than 5 percent of the population." Charles H. Backstrom and Gerald D. Hursh, Survey Research. (Chicago: Northwestern University Press. 1963), p. 28. See also Don A. Dillman, Mail and Internet Surveys: The Tailored Design Method. 2d Ed. (New York: Wiley, 2000, esp. pp. 204-211). Thus, readers should have a high level of confidence that the results presented here represent the experiences and views of the sample respondents, and, by extrapolation, of those living in each region, and Marylanders as a whole.

## Distribution of Regional Survey Samples, Households and Populations

	Percent of Survey Sample	Percent of Households (2000)	Percent of Population
<b>Western Maryland</b>			
Allegany	20.3%	18.3%	17.3%
Frederick	39.3%	43.6%	45.2%
Garrett	11.3%	7.1%	6.9%
Washington	29.3%	31.0%	30.5%
<b>Suburban Baltimore</b>			
Anne Arundel	17.0%	25.5%	26.3%
Baltimore	47.0%	42.8%	40.5%
Carroll	9.3%	7.5%	8.1%
Harford	14.0%	11.4%	11.7%
Howard	12.8%	12.8%	13.3%
<b>Baltimore City</b>			
	100.0%	100.0%	
<b>Suburban Washington</b>			
Montgomery	52.0%	53.1%	52.1%
Pr. George's	48.0%	46.9%	47.9%
<b>Southern Maryland</b>			
Calvert	30.5%	26.0%	26.5%
Charles	33.3%	42.6%	42.9%
St. Mary's	36.3%	31.3%	30.6%
<b>Upper Eastern Shore</b>			
Caroline	10.5%	13.9%	14.2%
Cecil	41.0%	39.2%	41.1%
Kent	13.8%	9.6%	9.2%
Queen Anne's	21.3%	19.2%	19.4%
Talbot	13.5%	18.0%	16.2%
<b>Lower Eastern Shore</b>			
Dorchester	10.8%	17.4%	16.4%
Somerset	11.0%	11.5%	13.3%
Wicomico	53.0%	44.1%	45.4%
Worcester	25.3%	27.0%	24.9%