

South Carolina Recreation Participation and Preference Study, 2005

Summary

As part of its continuing efforts to meet the recreational needs of the South Carolina public, the South Carolina Department of Parks, Recreation and Tourism periodically conducts surveys of the general public in order to determine the extent to which the state's residents participate in a variety of recreational activities as well as their preferences for such activities. Data for the most recent survey were collected between September 13 and November 18, 2005. The report provides a summary of the major findings from this survey.

- South Carolinians' participation in recreational activities has been relatively stable over the past 15 years. During this period, there have been only minor variations in the percentage of the South Carolina population age 12 or older that participates in these various activities. Those activities in which a relatively large proportion of the public participated in 1990 also tend to be those in which large numbers of people participated in 2005, and those in which a relatively small percentage of the people participated in 1990 are also those in which fewer people reported participating in the current survey (see Table 1).
- Walking for pleasure or exercise remains the activity in which the largest percentage of people (83.2%) participates. In previous surveys, the percentage that reported walking for pleasure or exercise in the previous twelve months was 82.8% in 1999, 80.2% in 1994, and 80.5% in 1990.
- Following walking for pleasure or exercise, the recreational activities participated in by the largest percentage of South Carolina residents include attending outdoor sporting events, beach swimming or sunbathing, driving for pleasure, working out with weights or exercise machines, picnicking, pool swimming, and visiting historical sites. Each of these activities was participated in at least once during the past twelve months by more than half of the state's population age 12 or older.
- While the general pattern of recreational participation has been one of general stability, there are several activities for which there have been either increases or decreases in the percentage of the population participating over time. For example, the percentage of respondents who reported working out with weights or exercise machines has shown a consistent increase, rising from 43.2% in 1990 to 48.9% in 1994, 52.5% in 1999, and 57.1% in 2005. The percentage who reported visiting historical sites has also increased, moving from 46.8% in 1990 to 52.1% in 2005. The largest decline in participation over the last 15 years was found for volleyball, which went from 32.7% in 1990 to 27.9% in 1994, 22.1% in 1999, and 17.2% in the current survey. The percentage of people who played baseball or softball declined during this period, from 33.5% in 1990 to 23.4% in the current survey, as did the percentage who reported playing tennis (from

24.3% in 1990 to 14.3% in 2005). The percentage who reported waterskiing declined from 14.5% in 1990 to 6.1% in 2005, but during this period the percentage that reported jetskiing increased by a similar amount, from 3.9% in 1990 to 11.8% in 2005. The percentage that reported picnicking declined from 60.5% in 1990 to 53.4% in 2005.

- When the amount of participation is considered, a somewhat different profile of recreation participation in South Carolina emerges, for the relative ease of doing some activities means that those who participate in them tend to do so fairly frequently. Using this measure, walking for pleasure or exercise remains the activity with the highest level of participation, followed by working out with weights or exercise machines, driving for pleasure, jogging or running, bird watching, bicycling, and watching wildlife. Activities in which a comparatively large percentage of the population participates but for which overall demand is less when the frequency of participation is taken into account include visiting a zoo, visiting an unusual natural feature, and visiting a museum (see Tables 2 and 3).
- In addition to the general stability in levels of recreational participation, the effect of background characteristics on taking part in these activities is similar to that identified in previous surveys. Age, sex, family income, and race each had a significant effect on participation in recreational activities.
- As in previous years, the largest differences in recreation participation are across age groups. Although the most frequent differences result from greater participation among the young, other distinctions are a product of lower levels of participation among those age 65 or older, and in several cases it is the middle age groups that show the highest level of participation. Younger people are generally more likely to participate in a variety of activities, particularly group sports and other strenuous physical activities (see Table 4).
- Men and women demonstrate different patterns of recreational participation, with men exhibiting higher overall participation levels than women. Men were particularly more likely than women to participate in activities such as hunting, other shooting sports, hunting dog field trials, fresh water and salt water fishing, shellfishing or shrimping, camping, motorboating, waterskiing, jetskiing, and lake or river swimming. The activities for which women were more likely to participate than men tended to be more passive recreational activities, and included picnicking, visiting a museum, visiting a zoo, walking for pleasure or exercise, bird watching, visiting historical sites, and walking on a guided nature trail (see Table 5).
- Family income has a significant effect on participation in a number of recreational activities, with the general tendency being for those from higher income families to show higher participation rates than those with lower incomes. Activities for which differences were particularly large across income groups included going to the beach to swim or sunbathe, visiting historical sites, and golf. Those activities for which the highest income group had the lowest participation rate or for which the differences across income groups were not statistically significant tended to be either team sports in which participation is relatively inexpensive (such as basketball, volleyball, football, baseball, softball, or soccer) or fairly standard, almost day-to-day activities (such as walking for pleasure or exercise, jogging or running, bird watching, or driving a motorcycle for pleasure) (see Table 6).

- The participation patterns of blacks and whites also differ significantly. As in previous years, some of the largest differences in participation were in water-related or traditional outdoor activities, with whites more likely to participate than blacks. These activities included motorboating, lake or river swimming, going to the beach to swim or sunbathe, camping, hiking, and hunting. The activities for which black participation was higher than that of whites generally involved physically active sports, and included playing basketball, football, volleyball, and softball, as well as bicycling, jogging or running, and working out with weights or exercise machines (see Table 7).
- Although differences in participation rates across regions in which the respondents live are not large, there are several areas in which a higher percentage of residents participate in a range of recreational and leisure-time activities and several others in which participation rates are generally lower. Areas in which participation was generally greater were Berkeley-Charleston-Dorchester and the Central Midlands, while residents of the Lower Savannah and Pee Dee planning districts tended to participate at slightly lower levels.
- The basic patterns of participation in outdoor recreational activities have been extremely stable across time, and demonstrate that individuals who participate in certain types of activities also engage in similar types of activities. For example, individuals who participate in physically active sports such as football or soccer also participate in other more strenuous activities such as running or jogging, while those who enjoy more passive forms of recreation, like visiting a museum, also participate in other less vigorous activities such as picnicking or visiting a zoo. The four basic patterns of participation can be characterized as (1) physically active; (2) less vigorous participation; (3) water sports; and (4) outdoor activities.
- When asked about their preferred outdoor recreational or leisure time activity, season makes a difference in the choices of South Carolinians. "Playing ball" was the preferred outdoor recreational activity in the spring or summer while "walking for pleasure" was the most frequently preferred fall or winter activity. Walking for pleasure, swimming, and fishing followed playing ball as preferred spring or summer activities while playing ball, hunting, and golf followed walking for pleasure in terms of preferred fall or winter activities.
- South Carolinians have been fairly consistent in their perceptions of the state's need for outdoor recreation and leisure-time facilities and activities for people living in the state. The percentage who felt the state has enough such facilities was 63.5% in 2005, compared to 60.4% in 1990, 59.8% in 1994, and 61.3% in 1999. Those who feel that the state does not have enough recreational facilities most frequently cite parks as a recreational need, followed by swimming facilities, activities for youth, basketball facilities, bicycle paths, and playgrounds. Those who feel that additional recreation or leisure-time facilities or activities are necessary in South Carolina believe that all levels of government as well as business and commercial organizations should bear some responsibility for providing them.

TABLE 1
STATEWIDE RECREATION PARTICIPATION 2005, 1999, 1994 AND 1990
AGE 12 AND OLDER

	2005	1999	1994	1990
	<u>Percentage</u> <u>Participating</u>	<u>Percentage</u> <u>Participating</u>	<u>Percentage</u> <u>Participating</u>	<u>Percentage</u> <u>Participating</u>
1. Walking for pleasure or exercise	83.2	82.8	80.2	80.5
2. Attending outdoor sporting events.....	63.4	62.1	60.6	64.2
3. Beach swimming/sunbathing	62.5	63.1	59.5	59.3
4. Driving for pleasure.....	58.2	61.9	59.6	63.9
5. Weights or exercise machines	57.1	52.5	48.9	43.2
6. Picnicking	53.4	55.7	57.7	60.5
7. Pool swimming	53.2	56.4	53.6	57.5
8. Visiting historical sites	52.1	51.4	48.7	46.8
9. Bicycling	42.8	38.8	40.1	43.3
10. Visiting a museum.....	38.4	40.2	36.7	37.7
11. Fresh water fishing	37.2	38.0	40.0	38.6
12. Visiting an unusual natural feature	34.7	28.5	28.4	31.1
13. Playing basketball	34.5	36.5	39.4	38.9
14. Visiting a zoo	34.1	38.3	39.4	36.1
15. Motorboating.....	34.1	33.0	32.8	29.8
16. Jogging/running.....	33.9	25.2	30.8	31.5
17. Watching wildlife	33.4	36.5	---	---
18. Lake/river swimming	28.0	30.5	30.9	29.2
19. Playing football or soccer.....	26.1 ¹	22.8 ¹	16.9	26.9
20. Off-road vehicle riding.....	23.5	19.1	13.5	18.5
21. Playing baseball or softball	23.4 ¹	26.9 ¹	33.5	33.5
22. Camping	23.1	24.7	20.6	21.2
23. Golf	21.1	19.3	17.3	15.9
24. Guided nature trail/study.....	20.3	24.5	19.2	20.1
25. Bird watching	20.2	35.2	16.5	18.0
26. Salt water fishing	19.0 ¹	18.1 ¹	17.1	17.2
27. Hiking	18.2	18.9	16.8	13.5
28. Playing volleyball	17.2	22.1	27.9	32.7
29. Playing tennis	14.3	14.6	18.8	24.3
30. Hunting	13.6	14.4	14.4	16.0
31. Other shooting sports	12.0	10.4	12.1	12.0
32. Jetskiing	11.8	11.1	6.1	3.9
33. Attending an auto race	11.1	17.9	13.7	---
34. Driving a motorcycle for pleasure	11.1	---	---	---
35. Canoeing, kayaking, rafting	10.7	8.1	7.5	6.9

TABLE 1

- cont. -

36. Skateboarding, in-line skating, roller skating	10.0	13.1	13.0	---
37. Horseback riding	9.1	8.0	10.0	9.6
38. Waterskiing	6.1	8.4	14.1	14.5
39. Rock climbing, rappelling	6.1	3.9	3.9	---
40. Sailing	2.7	3.4	7.6	5.3
41. Geocaching or orienteering	2.5	---	---	---
42. Hunting dog field trials	2.2	2.5	1.5	2.1
43. In-line hockey	1.2	0.9	---	---

¹In these surveys separate questions were asked for baseball, softball, football, soccer, salt water fishing, and shrimping or shellfishing. For comparability with previous surveys, baseball and softball, football and soccer, and salt water fishing and shrimping or shellfishing were combined in this table. The percentage of respondents who reported participating in these specific activities in the past twelve months were as follows: football, 22.4% (2005), 18.4% (1999); salt water fishing, 16.2% (2005), 14.4% (1999); baseball, 15.9% (2005), 16.6% (1999); softball, 13.5% (2005), 16.9% (1999); soccer, 7.6% (2005), 8.2% (1999); and shellfishing or shrimping, 7.1% (2005), 8.7% (1999). Percentages for these specific activities are used in tables presented later in this report.

TABLE 2
 AVERAGE NUMBER OF TIMES SOUTH CAROLINA RESIDENTS AGE TWELVE OR
 OLDER PARTICIPATE IN VARIOUS ACTIVITIES ANNUALLY

1. Walking for pleasure or exercise	83.20
2. Weights or exercise machines	44.40
3. Driving for pleasure	36.90
4. Jogging/running	23.03
5. Bird watching	16.49
6. Bicycling	13.39
7. Watching wildlife	13.05
8. Attending outdoor sporting events	9.56
9. Pool swimming	8.88
10. Playing basketball	8.78
11. Beach swimming/sunbathing.....	6.95
12. Motorboating	5.62
13. Driving a motorcycle for pleasure	5.06
14. Fresh water fishing	4.60
15. Off-road vehicle riding	4.02
16. Golf	3.77
17. Lake/river swimming	3.32
18. Playing football.....	3.21
19. Visiting historical sites	2.59
20. Playing volleyball	2.17
21. Picnicking	2.00
22. Playing baseball	1.79
23. Hunting	1.69
24. Playing softball	1.61
25. Playing tennis	1.55
26. Skateboarding, in-line skating, roller skating	1.53
27. Salt water fishing	1.34
28. Visiting a museum	1.29
29. Camping	1.25
30. Other shooting sports	1.25
31. Visiting an unusual natural feature	1.23
32. Horseback riding	1.14
33. Hiking	1.10
34. Jetskiing	1.07
35. Visiting a zoo	0.79
36. Playing soccer	0.73
37. Waterskiing	0.70
38. Guided nature trail/study	0.69
39. Canoeing, kayaking, rafting	0.64
40. Attending an auto race	0.47
41. Geocaching or orienteering	0.41
42. Rock climbing, rappelling	0.40
43. Shellfishing/shrimping.....	0.39
44. In-line hockey	0.36
45. Hunting dog field trials	0.19
46. Sailing	0.15

TABLE 3

NUMBER OF TIMES OUTDOOR RECREATIONAL ACTIVITIES PARTICIPATED IN BY SOUTH CAROLINIANS AGE 12 AND OLDER – POPULATION ESTIMATES 2005, 1999, 1994 AND 1990

	<u>2005</u>	<u>1999</u>	<u>1994</u>	<u>1990</u>
1. Walking for pleasure or exercise.....	293,867,059	341,418, 525	205,991,010	217,763,289
2. Weights or exercise machines	156,823,286	136,810,800	92,688,274	73,827,840
3. Driving for pleasure	130,332,866	143,023,650	79,877,200	54,274,998
4. Jogging/running	81,343,250	63,889,875	45,161,340	45,421,425
5. Bird watching	58,243,603	202,622,175	35,729,686	53,121,438
6. Bicycling	47,294,230	62,448,750	48,325,706	39,768,981
7. Watching wildlife.....	46,093,331	72,824,850	-----	-----
8. Attending outdoor sporting events	33,766,455	35,932,050	31,274,996	31,117,281
9. Pool swimming	31,364,657	23,922,675	29,216,622	35,270,097
10. Playing basketball	31,011,452	39,935,175	39,784,990	36,423,657
11. Beach swimming/sunbathing.....	24,547,789	21,584,850	18,095,258	16,813,137
12. Motorboating	19,850,155	18,894,750	21,443,956	18,082,053
13. Driving a motorcycle for pleasure	17,872,203	-----	-----	-----
14. Fresh water fishing	16,247,458	19,215,000	23,225,832	15,573,060
15. Off-road vehicle riding	14,198,865	10,023,825	9,216,600	12,660,321
16. Playing football or soccer	13,951,621	9,959,775	7,342,558	16,207,518
17. Golf	13,315,851	11,144,700	13,579,124	12,025,863
18. Playing baseball or softball	11,973,670	11,753,175	17,357,930	12,314,253
19. Lake/river swimming	11,726,426	9,927,750	11,582,194	11,449,083
20. Visiting historical sites	9,148,025	9,415,350	8,509,994	7,296,267
21. Playing volleyball	7,664,562	6,629,175	12,258,078	12,544,965
22. Picnicking.....	7,064,112	8,006,250	7,987,720	9,920,616
23. Hunting	5,969,175	7,557,900	9,738,874	5,883,156
24. Playing tennis	5,474,687	5,156,025	8,110,608	12,602,643
25. Skateboarding, in-line skating, roller skating	5,404,046	4,963,875	5,499,238	-----
26. Salt water fishing	4,732,955	3,266,550	4,761,910	4,412,367
27. Visiting a museum	4,556,352	3,458,700	3,225,810	3,604,875
28. Camping	4,415,070	4,003,125	3,748,084	2,797,383
29. Other shooting sports	4,415,070	3,394,650	5,253,462	3,085,773
30. Visiting an unusual natural feature	4,344,429	2,850,225	3,102,922	3,287,646
31. Horseback riding	4,026,544	3,010,350	4,792,632	4,498,884
32. Hiking	3,885,262	3,106,425	5,652,848	2,566,671
33. Jetskiing	3,779,300	3,202,500	1,505,378	1,557,306
34. Visiting a zoo	2,790,324	2,433,900	2,980,034	2,191,764
35. Waterskiing	2,472,439	2,017,575	5,099,852	5,191,020
36. Guided nature trail/study	2,437,119	3,971,100	2,857,146	1,672,662
37. Canoeing, kayaking, rafting	2,260,516	1,345,050	1,413,212	692,136
38. Attending an auto race.....	1,660,066	2,433,900	3,041,478	-----
39. Geocaching or orienteering	1,448,143	-----	-----	-----
40. Rock climbing, rappelling	1,412,822	864,675	1,720,432	-----
41. In-line hockey.....	1,271,540	384,300	-----	-----
42. Hunting dog field trials	671,091	704,550	245,776	576,780
43. Sailing	529,808	704,550	1,105,992	346,068

TABLE 4
STATEWIDE RECREATION PARTICIPATION 2005
AGE 12 AND OLDER BY AGE GROUP

	<u>12-17</u>	<u>18-29</u>	<u>30-45</u>	<u>46-64</u>	<u>65+</u>	<u>sig¹</u>
1. Walking for pleasure or exercise	84.4	78.1	85.7	85.9	79.8	*
2. Attending outdoor sporting events	82.3	74.5	68.0	58.4	40.5	**
3. Beach swimming/sunbathing	72.0	76.0	68.1	60.6	35.5	**
4. Driving for pleasure.....	43.3	60.7	60.6	60.3	56.6	**
5. Weights or exercise machines	83.7	72.8	59.6	48.8	30.5	**
6. Picnicking	40.4	50.0	62.7	55.5	45.4	**
7. Pool swimming	82.9	69.7	60.6	43.7	20.9	**
8. Visiting historical sites	52.5	47.0	58.9	56.7	41.2	**
9. Bicycling	83.1	45.5	50.5	34.4	15.5	**
10. Visiting a museum.....	33.1	29.5	44.2	43.3	35.3	**
11. Fresh water fishing	41.0	45.2	38.3	41.1	21.3	**
12. Visiting an unusual natural feature	24.9	29.5	40.7	40.7	28.1	**
13. Playing basketball	83.7	46.8	39.1	20.0	6.4	**
14. Visiting a zoo	36.3	37.9	46.4	28.7	15.2	**
15. Motorboating	30.2	36.5	36.4	37.0	24.1	**
16. Jogging/running	84.3	62.1	31.4	15.4	4.4	**
17. Watching wildlife	26.2	24.5	36.4	42.6	28.0	**
18. Lake/river swimming.....	44.0	40.0	28.8	24.1	9.1	**
19. Off-road vehicle riding.....	42.9	41.0	20.4	16.3	7.5	**
20. Camping	29.7	30.0	26.1	21.9	8.1	**
21. Playing football.....	67.2	43.6	19.6	6.1	2.0	**
22. Golf	17.0	29.0	21.9	17.3	19.6	**
23. Guided nature trail/study	26.7	18.1	23.7	21.7	13.3	**
24. Bird watching	13.2	11.4	17.2	26.9	29.8	**
25. Hiking	13.3	18.6	22.8	20.2	11.2	**
26. Playing volleyball	45.9	23.6	17.5	11.0	1.7	**
27. Salt water fishing	17.6	19.8	16.8	17.2	9.8	**
28. Playing baseball.....	26.2	30.5	15.3	8.9	4.4	**
29. Playing tennis	23.5	23.1	13.7	10.2	4.1	**
30. Hunting	22.0	21.2	11.5	13.9	4.4	**
31. Playing softball	18.2	21.4	17.5	8.0	2.7	**
32. Other shooting sports	9.9	20.8	12.9	10.6	3.4	**
33. Jetskiing	20.9	20.0	12.3	8.1	0.7	**
34. Attending an auto race	9.4	22.0	10.5	8.3	4.0	**
35. Driving a motorcycle	7.7	23.8	11.7	8.3	0.3	**
36. Canoeing, kayaking, rafting	14.9	16.9	9.6	10.0	3.4	**
37. Skateboarding,in-line skating, roller skating	41.4	15.0	8.9	2.6	0.7	**
38. Horseback riding	10.5	17.4	10.1	6.3	0.7	**
39. Playing soccer.....	21.9	13.1	6.4	3.3	0.7	**
40. Shellfishing/Shrimping.....	9.8	8.3	7.7	7.4	3.7	---
41. Waterskiing	9.9	12.1	5.0	4.1	0.7	**

TABLE 4
 - cont. -

	<u>12-17</u>	<u>18-29</u>	<u>30-45</u>	<u>46-64</u>	<u>65+</u>	<u>sig</u> ¹
42. Rock climbing, rappelling	13.3	9.0	8.9	1.5	0.7	**
43. Sailing	1.7	3.6	2.2	3.1	2.4	---
44. Geocaching/Orienteering	0.6	3.3	3.3	2.2	1.4	---
45. Hunting dog field trials	3.9	5.0	1.2	1.5	1.0	**
46. In-line hockey	2.8	4.3	0.3	0.0	0.0	**

¹Significance: -- = not significant
 * = between .01 and .001
 ** = less than .001

TABLE 5
STATEWIDE RECREATION PARTICIPATION 2005
AGE 12 AND OLDER BY SEX

	<u>Men</u>	<u>Women</u>	<u>sig</u> ¹
1. Walking for pleasure or exercise	77.0	89.1	**
2. Attending outdoor sporting events	67.0	60.1	**
3. Beach swimming/sunbathing	61.2	63.7	---
4. Driving for pleasure.....	55.2	61.1	*
5. Weights or exercise machines	57.8	56.4	---
6. Picnicking	45.6	60.7	**
7. Pool swimming	51.5	54.8	---
8. Visiting historical sites	47.9	56.0	**
9. Bicycling	43.4	42.4	---
10. Visiting a museum.....	31.1	45.3	**
11. Fresh water fishing	51.8	23.4	**
12. Visiting an unusual natural feature	33.1	36.3	---
13. Playing basketball	41.0	28.4	**
14. Visiting a zoo	28.9	39.0	**
15. Motorboating	38.2	30.3	**
16. Jogging/running	40.6	27.7	**
17. Watching wildlife	31.6	35.1	---
18. Lake/river swimming.....	32.3	23.9	**
19. Off-road vehicle riding.....	29.8	17.6	**
20. Camping	27.1	19.2	**
21. Playing football.....	21.7	13.7	**
22. Golf	32.1	10.8	**
23. Guided nature trail/study	15.8	24.7	**
24. Bird watching	16.1	24.0	**
25. Hiking	20.0	16.5	---
26. Playing volleyball	14.6	19.7	*
27. Salt water fishing	22.1	10.7	**
28. Playing baseball.....	19.9	12.1	**
29. Playing tennis	12.4	16.1	---
30. Hunting	24.0	3.8	**
31. Playing softball	12.6	14.4	---
32. Other shooting sports	18.4	5.9	**
33. Jetskiing	13.8	9.9	*
34. Attending an auto race	14.4	7.9	**
35. Driving a motorcycle	14.1	8.3	**
36. Canoeing, kayaking, rafting	11.6	9.8	---
37. Skateboarding, in-line skating, roller skating	7.7	12.3	**
38. Horseback riding	7.0	11.0	*
39. Playing soccer.....	8.0	7.2	---
40. Shellfishing/shrimping	8.8	5.5	*
41. Waterskiing	8.0	4.3	**

TABLE 5
 - cont. -

	<u>Men</u>	<u>Women</u>	<u>sig</u> ¹
42. Rock climbing, rappelling	8.7	3.6	**
43. Sailing	2.3	3.2	--
44. Geocaching/orienteering	4.3	0.8	**
45. Hunting dog field trials	3.8	0.8	**
46. In-line hockey	2.0	0.6	*

¹Significance: -- = not significant
 * = between .01 and .001
 ** = less than .00

TABLE 6
STATEWIDE RECREATION PARTICIPATION 2005
AGE 12 AND OLDER BY FAMILY INCOME

	Under \$20,000	\$20,000 - 34,999	\$35,000 - 49,999	\$50,000 - 74,999	\$75,000 & Over	sig ¹
1. Walking for pleasure or exercise	80.7	84.1	86.8	87.0	85.2	---
2. Attending outdoor sporting events	57.5	61.8	62.1	74.2	73.9	**
3. Beach swimming/sunbathing	42.6	56.9	58.5	78.5	85.7	**
4. Driving for pleasure.....	53.6	60.0	68.9	62.3	57.3	**
5. Weights or exercise machines	47.3	57.5	60.8	60.1	67.6	**
6. Picnicking	45.3	52.3	50.0	59.7	63.4	**
7. Pool swimming	41.7	47.2	56.6	66.9	63.5	**
8. Visiting historical sites	25.7	44.4	58.5	60.9	73.6	**
9. Bicycling	36.4	39.7	46.6	44.2	48.7	*
10. Visiting a museum.....	21.5	35.0	45.7	44.9	53.0	**
11. Fresh water fishing	38.2	32.7	35.0	45.9	43.6	*
12. Visiting an unusual natural feature	19.8	30.1	41.6	39.1	47.7	**
13. Playing basketball	37.2	32.4	36.7	34.4	35.4	---
14. Visiting a zoo	25.7	32.0	33.8	39.9	43.2	**
15. Motorboating	19.8	25.9	27.1	46.4	51.0	**
16. Jogging/running	34.3	27.7	34.4	34.0	39.3	---
17. Watching wildlife	26.5	32.1	35.4	35.2	40.8	**
18. Lake/river swimming.....	18.0	24.2	25.1	38.1	37.8	**
19. Off-road vehicle riding.....	27.5	18.3	28.1	22.4	25.7	---
20. Camping	17.5	16.0	24.1	31.7	31.4	**
21. Playing football.....	26.0	21.6	23.8	27.5	16.7	*
22. Golf	11.8	13.1	18.0	29.4	35.4	**
23. Guided nature trail/study.....	15.7	20.9	19.9	22.9	26.6	*
24. Bird watching	16.3	22.6	24.4	15.6	21.7	---
25. Hiking	8.6	12.4	21.9	19.9	29.0	**
26. Playing volleyball	15.6	19.8	20.9	16.6	16.0	---
27. Salt water fishing	11.5	9.5	12.2	26.1	23.0	**
28. Playing baseball.....	20.1	14.8	16.1	21.8	12.1	*
29. Playing tennis	13.9	10.8	14.8	12.9	17.9	---
30. Hunting	11.8	8.5	12.2	13.9	23.2	**
31. Playing softball	11.3	15.7	18.7	16.9	12.1	---
32. Other shooting sports	6.5	11.8	13.2	16.2	15.3	**
33. Jetskiing	1.8	7.8	10.6	20.1	20.0	**
34. Attending an auto race	5.3	12.1	11.0	19.5	9.9	**
35. Driving a motorcycle.....	9.7	12.7	13.2	14.2	12.1	---

TABLE 6
- cont. -

	<u>Under</u> <u>\$20,000</u>	<u>\$20,000</u> <u>- 34,999</u>	<u>\$35,000</u> <u>- 49,999</u>	<u>\$50,000</u> <u>- 74,999</u>	<u>\$75,000</u> <u>& Over</u>	<u>sig¹</u>
36. Canoeing, kayaking, rafting	4.4	4.9	6.1	17.2	19.1	**
37. Skateboarding, in-line skating, roller skating	10.9	9.8	7.1	8.3	11.8	---
38. Horseback riding	9.8	9.2	9.6	10.6	10.2	---
39. Playing soccer	5.0	5.2	8.0	8.3	8.0	---
40. Shellfishing/shrimping	5.3	4.9	6.4	10.2	9.7	---
41. Waterskiing	1.5	3.9	5.1	10.6	9.7	**
42. Rock climbing, rappelling	3.2	2.3	8.0	4.3	13.3	**
43. Sailing	0.9	2.0	2.3	3.6	3.4	---
44. Geocaching/orienteering	2.4	0.7	3.2	1.3	5.8	**
45. Hunting dog field trials	0.9	1.0	3.5	3.6	2.2	---
46. In-line hockey	0.9	0.7	0.3	3.6	1.4	*

Significance: -- = not significant

* = between .01 and .001

** = less than .001

TABLE 7
STATEWIDE RECREATION PARTICIPATION 2005
AGE 12 AND OLDER BY RACE

	<u>Black</u>	<u>White</u>	<u>sig</u> ¹
1. Walking for pleasure or exercise	85.5	82.6	---
2. Attending outdoor sporting events	65.5	63.4	---
3. Beach swimming/sunbathing	54.0	66.7	**
4. Driving for pleasure.....	62.7	56.2	*
5. Weights or exercise machines	63.5	54.3	**
6. Picnicking	49.7	55.4	---
7. Pool swimming	39.1	60.0	**
8. Visiting historical sites	42.0	57.4	**
9. Bicycling	53.0	38.8	**
10. Visiting a museum.....	36.8	39.8	---
11. Fresh water fishing	33.2	39.7	*
12. Visiting an unusual natural feature	17.8	42.1	**
13. Playing basketball	52.7	27.0	**
14. Visiting a zoo	32.2	35.2	---
15. Motorboating	11.5	44.2	**
16. Jogging/running	43.4	30.2	**
17. Watching wildlife	18.7	39.7	**
18. Lake/river swimming.....	10.3	36.0	**
19. Off-road vehicle riding.....	18.7	25.5	**
20. Camping	7.0	30.4	**
21. Playing football.....	26.3	20.9	*
22. Golf	8.3	27.0	**
23. Guided nature trail/study	21.0	20.3	---
24. Bird watching	13.2	23.5	**
25. Hiking	4.7	24.4	**
26. Playing volleyball	21.8	14.9	**
27. Salt water fishing	9.2	19.6	**
28. Playing baseball.....	18.5	15.2	---
29. Playing tennis	11.7	15.1	---
30. Hunting	5.2	17.8	**
31. Playing softball	20.6	10.8	**
32. Other shooting sports	4.2	15.5	**
33. Jetskiing	4.5	14.8	**
34. Attending an auto race	7.8	13.0	**
35. Driving a motorcycle	9.0	12.0	---
36. Canoeing, kayaking, rafting	3.2	13.8	**
37. Skateboarding, in-line skating, roller skating	8.2	10.7	---

TABLE 7

-cont. -

	<u>Black</u>	<u>White</u>	<u>sig</u> ¹
38. Horseback riding	4.2	11.2	**
39. Playing soccer.....	7.5	7.3	---
40. Shellfishing/shrimping	3.5	8.7	**
41. Waterskiing	0.3	8.6	**
42. Rock climbing, rappelling	5.7	6.2	---
43. Sailing	2.2	2.8	---
44. Geocaching/orienteering	1.8	2.8	---
45. Hunting dog field trials	0.8	2.9	*
46. In-line hockey	0.7	1.5	---

¹Significance: -- = not significant

* = between .01 and .001

** = less than .001