

Chapter 5 - Outdoor Recreation Demand and Need

There is no consensus in the field of recreation planning as to the most appropriate methods for measuring current and future demand for outdoor recreation resources and facilities. Since outdoor recreation resources and facilities are generally felt to be “free” goods and services, “demand,” as an economic concept, does not lend itself to practical application. No commonly accepted methods exist for determining, on a statewide or broad regional basis, the amount of outdoor recreation a person would “consume” under certain conditions of cost and availability. As a result, the use of the term “demand” is common as a means of expressing the actual participation in recreation activity by some defined group or population over a fixed period of time. Such measurements can provide reasonably sound estimates of recreation demand and are vital to long-range statewide outdoor recreation planning.

conducts periodic surveys of resident and tourist participation in outdoor recreation activities. The Florida Statewide Outdoor Recreation Participation Study was completed by the University of Florida, Department of Recreation, Parks and Tourism in 2002. To obtain the resident data, random telephone surveys of 3,610 residents were conducted regarding their participation in 29 different outdoor recreation activities. Participants were asked to identify each activity they participated in during the preceding 12 months. The tourist participation data was obtained in cooperation with VISIT FLORIDA from mail-out surveys completed by permanent United States residents who had visited Florida during the prior 12 months. As in the resident participation survey, participants were asked to identify the activities they participated in during their most recent trip to Florida. A total sample of 2,659 visitors was collected. The methodologies used to conduct the resident and tourist surveys are described in Appendix F.

Outdoor Recreation Demand

To estimate outdoor recreation demand in Florida, the Division of Recreation and Parks

Based on the results of the surveys, the percentages of Florida residents and tourists

Emerging Activities

Adventure Racing

Also known as Eco-Challenge, adventure racing is a resource-based competitive race utilizing a wide range of disciplines. Usually a race includes a combination of two or more outdoor based activities such as trail running, orienteering, paddling, biking, climbing and other rope elements. Races are offered in a variety of formats and lengths. Two to four person teams can compete in coed and single sex teams. The lengths of races vary from a couple of hours to a few days. Races also include checkpoints and occasionally include puzzles and brain teasers to solve for bonus points during the race.



Table 5.1
Statewide Resident and Tourist Participation, 2007

	Residents		Tourists	
	Percent of Residents Participating ¹	Number of Participants ²	Percent of Tourists Participating ¹	Number of Participants ²
Resource-Based				
Saltwater Beach Activities	57.2	11,277,724	54.4	46,285,304
Visiting Archaeological and Historic Sites	48.7	9,101,667	21.6	20,433,540
Picnicking	44.3	8,248,470	13.0	11,920,746
Bicycle Riding - Paved Trails	43.5	8,927,743	8.0	6,612,431
Nature Study	37.1	7,286,902	21.6	20,173,810
Freshwater Beach Activities	26.8	4,316,737	7.1	5,823,381
Saltwater Boat Fishing	25.7	5,193,711	7.3	4,545,695
Hiking	22.6	3,968,756	5.0	4,654,262
Bicycle Riding - Unpaved Trails	21.4	3,965,018	1.0	1,072,568
Freshwater Boat Fishing	21.4	2,983,859	1.0	866,580
Saltwater Non-Boat Fishing	20.6	4,249,090	3.8	2,981,088
Freshwater Boat Ramp Use	20.1	2,787,543	1.0	999,842
Freshwater Non-Boat Fishing	20.0	3,048,681	0.7	915,182
Saltwater Boat Ramp Use	18.1	3,492,812	1.2	1,419,774
Tent Camping	15.9	2,877,159	1.2	653,236
Off Highway Vehicles	15.9	2,531,871	1.0	762,192
Canoeing and Kayaking	14.2	2,647,260	1.2	973,511
Hunting	11.5	1,534,565	0.4	114,565
RV/Trailer Camping	9.6	1,587,936	2.5	2,687,683
Horseback Riding	9.1	1,476,428	0.4	547,535
User-Oriented				
Outdoor Swimming Pool Use	50.7	10,151,384	56.8	47,257,791
Baseball or Softball	20.1	3,677,399	3.5	3,119,266
Golf	19.3	3,850,919	9.6	8,804,329
Outdoor Basketball	16.9	3,422,509	2.6	999,532
Football	13.4	2,527,850	1.6	879,240
Outdoor Tennis	11.0	2,424,225	2.3	2,559,688
Soccer or Rugby	7.7	1,519,705	0.3	272,905
Outdoor Handball/Racquetball	4.8	989,628	0.3	264,000
Outdoor Shuffleboard	3.3	640,297	2.9	2,650,806

¹ Percentage rates are based on the statewide resident and tourist samples.

² Statewide totals are calculated by adding regional resident and tourist participants.

who participated in each of the activities were calculated. The percentages indicate the number of residents and tourists in each region who actually took part in an activity at least one time during the preceding year. By applying these percentages to estimates of resident and tourist populations for 2007, the number of people who participated in each activity was calculated for the state as a whole and for each planning region. These methods were repeated using resident and tourist population projections for 2010, 2015 and 2020. Table 5.1 shows the statewide recreation participation by residents and visitors for 2007.

Saltwater beach activities remain the one activity in which the largest percentage of residents participated. Swimming in outdoor pools, visiting archaeological and historical sites, picnicking, bicycle riding on paved trails and nature study had the next highest percentages of participation. Approximately one-quarter of the residents participated in freshwater beach activities, hiking and saltwater and freshwater fishing. Resident participation rates for other activities ranged from 20.7 percent for saltwater shoreline fishing to 3.4 percent for outdoor shuffleboard.

Among tourists, swimming in outdoor pools had the highest level of participation at 56.8 percent. This was followed closely by saltwater beach activities at 54.4 percent. Visiting archaeological and historic sites, nature study, picnicking, bicycle riding on paved trails and golfing had the next highest levels of participation. Participation rates for the other activities ranged from 7.1 percent for freshwater beach use to 0.3 percent for soccer and rugby.

Table 5.5 through Table 5.33 depict the number of residents and tourists within the 11 planning regions who participated in each activity during 2007. The results are reported separately for water-related activities, land-related activities and user-oriented activities. Tables showing the projected future participants for the years 2010, 2015 and 2020 are contained in Appendix J.

Outdoor Recreation Preferences

While the percentage of the population that participated in an activity provides one measure of outdoor recreation demand, a fuller picture emerges by examining how often those who participated took part in the activity. Survey respondents were asked to list the recreation activities they participated in most often during the preceding 12 months. Table 5.2 shows the activities that had the most frequent participation by residents and tourists.

Residents reported frequent participation across many activities, but five activities - saltwater beach activities, outdoor swimming pool use, saltwater boat fishing, bicycle riding on paved trails and golf - were participated in the most frequently. Only handball/racquetball and shuffleboard were reported by less than one percent of residents as being among their top three. Tourist preferences, on the other hand, were concentrated in a much smaller group of activities. Five activities accounted for two-thirds of the tourist responses for the activity they participated in most frequently. Saltwater beach activities, outdoor swimming pool use and golf ranked the highest in frequency of participation among both residents and tourists.

Outdoor Recreation in Florida, 2008

Table 5.2
Frequency of Participation Among Residents and Tourists

Activities	Percentage of Respondents					
	Most Frequent Activity		Second Most Frequent Activity		Third Most Frequent Activity	
	Residents	Tourists	Residents	Tourists	Residents	Tourists
Saltwater Beach Activities	14.3	27.2	7.4	15.4	11.2	5.9
Outdoor Swimming Pool Use	10.1	26.5	7.5	15.4	5.6	5.6
Saltwater Boat Fishing	9.0	1.9	7.7	1.4	5.1	2.0
Bicycle Riding - Paved Trails	8.3	0.5	8.3	1.7	7.8	2.0
Golf	7.7	3.5	2.9	2.3	1.3	2.1
Nature Study	6.5	4.7	5.5	5.5	5.6	6.7
Freshwater Boat Fishing	5.1	0.3	7.5	0.2	6.9	0.1
Visiting Archaeological and Historical Sites	3.5	3.9	2.4	6.5	5.4	5.9
Hunting	3.4	0.0	2.4	0.2	2.0	0.0
Baseball or Softball	3.1	0.4	2.7	0.6	2.0	0.9
Hiking	3.1	0.7	3.8	1.0	5.1	0.9
Picnicking	2.7	0.6	2.9	3.5	4.0	3.7
Outdoor Basketball	2.3	0.0	2.5	0.8	1.6	0.5
Freshwater Non-Boat Fishing	2.2	0.2	5.0	0.1	4.0	0.1
Saltwater Non-Boat Fishing	2.2	0.9	4.4	0.8	4.7	0.8
Off-Highway Vehicle Riding	2.1	0.1	1.0	0.4	2.7	0.2
RV/Trailer Camping	2.0	1.5	2.1	0.2	0.9	0.2
Horseback Riding	1.7	0.1	0.6	0.1	0.9	0.0
Outdoor Tennis	1.7	0.6	1.5	0.4	2.0	0.9
Tent Camping	1.7	0.3	2.3	0.7	2.0	0.1
Freshwater Beach Activities	1.4	1.8	3.4	1.4	3.4	1.4
Football	1.3	0.2	1.2	0.1	1.8	0.3
Soccer or Rugby	1.1	0.2	1.3	0.0	1.1	0.1
Bicycle Riding - Unpaved Trails	1.0	0.0	4.6	0.2	4.0	0.2
Canoeing and Kayaking	0.8	0.0	2.2	0.1	1.8	0.3
Freshwater Boat Ramp Use	0.7	0.0	1.0	0.2	1.1	0.1
Saltwater Boat Ramp Use	0.5	0.3	0.8	0.2	3.1	0.5
Outdoor Handball/Racquetball	0.2	0.0	0.5	0.0	0.9	0.2
Outdoor Shuffleboard	0.1	0.0	0.2	0.5	0.4	0.7

Measures to Encourage Participation

Another aspect of outdoor recreation demand that was examined in the Florida Statewide Outdoor Recreation Participation Study was the factors that influence a person's participation in outdoor recreation activities. The residents and tourists who were surveyed were asked to identify measures that would encourage them to increase their

level of participation in outdoor recreation. Residents cited increased accessibility to parks and public lands, more information about facilities and more facilities as their three top measures to encourage participation. Tourists listed more information about facilities, lower or no user fees and increased accessibility to parks and public lands as their primary factors. Tables 5.3 and 5.4 show the responses by residents and tourists.

Table 5.3
Measures That Would Encourage Greater Participation by Residents

Measures	Percentage of Respondents			
	Agree	Disagree	Uncertain	No Opinion
Increased Accessibility to Parks and Public Lands	68.1	20.8	8.4	2.7
More Information About Facilities	66.0	22.7	8.4	2.9
More Outdoor Facilities	61.1	23.9	11.2	3.8
No Fees Required to Participate	58.0	30.1	8.9	3.0
Better Repair of Facilities	57.9	25.4	12.1	4.6
Lower Fees Required to Participate	56.6	29.6	10.0	3.8
Better Security	53.6	30.4	12.0	4.0
More Organized Activities and Programs	49.1	35.8	11.9	3.2

Table 5.4
Measures That Would Encourage Greater Participation by Tourists

Measures	Percentage of Respondents			
	Agree	Disagree	Uncertain	No Opinion
More Information About Facilities	62.0	9.7	11.9	16.4
Lower Fees Required to Participate	51.1	12.5	19.7	16.8
No Fees Required to Participate	51.0	13.0	18.5	17.4
Increased Accessibility to Parks and Public Lands	40.7	14.8	23.6	20.8
More Outdoor Facilities	37.8	15.8	24.9	21.4
Better Security	31.4	18.6	27.2	22.9
More Organized Activities and Programs	26.2	26.1	25.7	22.0
Better Repair of Facilities	22.7	22.6	28.9	25.8

Comparing Demand and Supply

The resident and tourist demand figures derived from the participation study were compared to the supply data presented in Chapter 4. This produced estimates of the additional outdoor recreation resources and facilities that will be required to maintain current levels of services as resident and tourist populations increase in the future. An explanation of the process used to arrive at these estimates follows.

First, the level of service that is currently provided by each region's existing supply of resources and facilities was determined. "Level of service" as used in this plan means the amount of resources and facilities that are available to support an activity, expressed in terms of units of supply per 1,000 participants. For example, the level of service for hiking trails would be expressed as miles of trail per 1,000 participants. Levels of service were not calculated for certain outdoor recreation activities, such as saltwater and freshwater boating, since the resources that support them are so extensive that they can accommodate a virtually unlimited

amount of demand (for example, the open waters of the Atlantic Ocean, the Gulf of Mexico and the state's thousands of lakes and rivers).

Next, each region's future level of service was estimated. "Future level of service" represents the amount of outdoor recreation resources and facilities that will be available to support an activity in a future year, assuming there is no increase in supply from the 2007 levels. Each region's existing supply of resources and facilities was applied to projections of resident and tourist participation for 2010, 2015 and 2020. Future levels of service decline for each projected year as the number of expected participants increases and the amount of resources and facilities remains constant.

Finally, the amount of additional outdoor recreation resources and facilities that will be required in the future to maintain current levels of service was estimated. In mathematical terms, the method used to calculate these estimates is expressed in Figure 5.1.

Figure 5.1
Method for Calculating Level of Service

$$\text{Level of Service} = \frac{\text{Resources and Facilities for an Activity}}{\left(\frac{\text{Participants in the Activity}}{1,000} \right)}$$

The results of the assessment are presented in Table 5.5 through Table 5.33. As shown in the tables, levels of service vary widely from region to region, depending on the available supply of resources and facilities, resident and tourist demand and population. To provide a standard by which the regions could be compared, the statewide median level of service for each activity was calculated. Regions in which the level of service falls below the statewide median for an activity are identified in the tables.

The estimates produced by this analysis are only one measure of outdoor recreation resource and facility needs in Florida. They represent only that portion of the total need that will be generated as a direct result of the state's projected population growth. They do not represent the amount of additional resources and facilities that will be needed to bring regions with the lowest levels of service up to a higher level of service. Neither

do they represent the conditions that exist in counties and cities. Outdoor recreation levels of service vary tremendously from community to community and are determined by complex factors that cannot be addressed practicably at a statewide level. The estimates are intended to reflect conditions in the region as a whole and should not be applied to particular communities.

Despite these limitations, the estimates presented in the plan are useful for identifying regional and statewide patterns of outdoor recreation supply and demand and for making reasonably sound estimates of the additional resources and facilities that will be needed in the future if Florida is to keep pace with its rapid population growth. The following section presents the results of the plan's assessment on an activity-by-activity basis.

Emerging Activities

Culturally Diverse Activities

Sports that are common in other cultures are finding their way on to Florida sports fields. Sports like cricket and rugby have a large following around the world. Cricket is becoming more prevalent in some parts of the country and specifically in parts of Florida. Multi-purpose fields that support soccer and football can be used for this sport. League cricket has become so popular in southeast Florida that Broward County has built a special stadium that can host national and international competitions.

Increased international immigration from the Indian sub-continent and from Caribbean nations where cricket is a national past time have fueled the growth of this sport. Rugby has also increased in popularity and can be played on multi-purpose fields. The Florida Rugby Union provides league play for several youth age groups, colligate groups and adults. As a result of the increasing population and its diversity, Floridians are offered a wider choice of recreation activities.



Findings by Activity

Water-Based Activities

Saltwater Beach Activities

Saltwater beach activities continue as the most popular form of resource-based recreation in Florida. Overall, 57 percent of residents and 54 percent of tourists participated statewide. Residents of the South, Tampa Bay and Treasure Coast regions had the highest participation rates of all regions. Tourist participation rates were highest in the West, Southwest and Apalachee regions, where the availability of beach resources is relatively high and tourism is concentrated in coastal communities and resorts. Resident and tourist rates were lowest in the Central region, where traveling long distances is necessary to reach any beach area, and in the North Central region where the availability of sandy beaches is low due to the low-energy Gulf coastline. In actuality, residents and tourists in these re-

gions would probably participate as frequently as people in other regions if adequate beach resources were available.

Tremendous regional variations in levels of service exist for saltwater beach activities. The Apalachee Region, where a relatively small population is combined with the highest availability of beaches, stands out as having by far the highest level of service of any region. In contrast, the North Central and Withlacoochee regions where few beach resources exist have the lowest levels of service. Statewide, more than 139 miles of beach will be required by 2020 if current levels of service are to be maintained. Unfortunately, providing this amount of additional beach resources will not be possible as the amount of remaining undeveloped beaches dwindles to zero. Increasing public access to the state's existing saltwater beaches will be required to accommodate future demands.

Table 5.5
Demand and Need Summary By Region
Saltwater Beach Activities
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	56.8	55.4	46.5	58.8	53.9	61.6	44.0	63.7	58.0	63.3	69.0	57.2
Tourists	78.1	70.8	33.3	62.4	42.6	34.1	25.5	61.2	71.5	58.4	60.1	54.4
Total Participants**												
2007	8,306,978	1,417,546	496,537	4,676,837	1,175,907	9,565,430	876,106	7,792,536	6,009,051	5,470,667	11,972,766	56,332,359
2010	8,621,023	1,470,110	513,925	4,858,663	1,224,975	9,939,754	907,985	8,072,173	6,251,275	5,678,822	12,381,294	58,446,689
2015	9,442,505	1,602,801	556,102	5,335,262	1,354,355	10,921,632	992,868	8,806,921	6,885,792	6,226,794	13,454,492	63,985,814
2020	10,337,204	1,744,694	598,596	5,842,023	1,487,347	11,962,762	1,079,961	9,589,612	7,561,998	6,808,145	14,602,336	69,898,013
Levels of Service												
(Linear Feet/1,000 Participants)												
2007	75	189	2	58	2	29	NA	35	59	39	30	54
2010	73	182	2	56	2	28	NA	34	57	38	29	52
2015	66	167	2	51	2	26	NA	31	52	34	27	48
2020	61	153	2	46	1	23	NA	28	47	31	24	44
Resource/Facility Requirements***												
(Linear Feet)												
2010	23,668	9,928	38	10,488	91	10,971	NA	9,799	14,319	8,115	12,191	114,805
2015	85,578	34,989	130	37,979	331	39,748	NA	35,544	51,827	29,476	44,218	415,571
2020	153,006	61,789	222	67,209	577	70,261	NA	62,970	91,800	52,139	78,473	736,594

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

NA represents resource or facilities that do not exist in the region.

BOLD type represents regions with levels of service below the statewide median.

Freshwater Beach Activities

Freshwater beach activities ranked third in statewide resident participation and fourth in tourist participation. This activity was considerably more popular among residents than visitors, with three times as many residents participating as tourists. Freshwater swimming areas are widely distributed in Florida and are often more convenient to residents than a long drive to a saltwater beach. Tourists are more likely to prefer a swim in an outdoor swimming pool over a visit to a freshwater lake or river. One exception is Florida's freshwater springs, which attract large numbers of residents and tourists alike. The North Central, Northeast, Apalachee and Withlacoochee regions had

the highest resident participation rates in this activity.

The Tampa Bay, Treasure Coast and Central regions had the highest levels of service in the state. Some of the state's highest concentrations of freshwater lakes and springs are found in these regions. Levels of service were lowest in the Northeast and South regions, where freshwater swimming resources are in relatively short supply. Significant projected needs for freshwater swimming areas exist for all regions in 2020. Statewide, nearly 12 miles of additional freshwater beach shoreline will be needed to maintain current levels of service through 2020.

Table 5.6
Demand and Need Summary By Region
Freshwater Beach Activities
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	28.9	32.2	32.6	32.5	32.0	26.3	26.2	24.1	18.9	17.3	17.2	26.8
Tourists	8.2	6.3	<0.1	7.9	16.2	7.8	3.9	7.6	5.0	4.7	5.8	7.1
Total Participants**												
2007	1,082,379	252,863	161,807	970,302	533,661	2,569,879	286,581	1,433,061	650,007	666,397	1,615,268	10,965,929
2010	1,121,234	261,451	166,830	1,008,696	556,467	2,671,468	296,520	1,480,580	678,620	691,411	1,664,404	11,363,200
2015	1,222,615	281,078	177,637	1,109,536	616,722	2,938,243	323,391	1,605,996	753,655	757,726	1,793,963	12,405,079
2020	1,330,549	300,480	186,843	1,211,301	677,513	3,215,511	349,278	1,734,752	829,515	825,065	1,928,731	13,471,140
Levels of Service												
(Linear Feet/1,000 Participants)												
2007	11	28	45	8	16	20	68	88	16	78	9	25
2010	10	27	43	7	15	19	65	85	15	75	8	24
2015	10	25	41	7	14	17	60	79	14	68	8	31
2020	9	23	39	6	12	16	55	73	13	63	7	20
Resource/Facility Requirements***												
(Linear Feet)												
2010	420	238	224	295	358	1,993	671	4,195	456	1,942	424	9,928
2015	1,515	783	707	1,069	1,303	7,227	2,486	15,267	1,654	7,091	1,540	35,964
2020	2,682	1,322	1,119	1,850	2,256	12,667	4,234	26,633	2,864	12,320	2,702	62,605

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and to tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Saltwater Boat Fishing

Florida's coastline has tremendous potential for saltwater boating and boat fishing. Nearly 11 million residents and tourists participated in saltwater boat fishing in 2007. It is predominantly a resident activity, both statewide and in the regions, with nearly 26 percent of statewide residents, but only 7.3 percent of visitors participating. A notable exception was seen in the Apalachee Region with a 16.7 percent tourist participation rate. In this region, high quality saltwater fishing areas are easily accessible to visitors who trailer their boats from nearby southeastern states.

The South region had the highest rate of resident participation at 40.4 percent. The proximity of prime fishing areas in the Atlantic Ocean, Florida Bay and the Florida Keys undoubtedly contribute to the popularity of saltwater boating and boat fishing there. The Southwest and North Central regions also had high resident participation rates at 29 percent and 27.8 percent, respectively. Because the resources involved in this activity are virtually unlimited, levels of service and future needs were not calculated.

Table 5.7
Demand and Need Summary By Region
Saltwater Boat Fishing
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	27.4	22.9	27.8	23.2	27.1	22.2	14.7	25.2	29.0	26.9	40.4	25.8
Tourists	7.7	16.7	<0.1	3.4	4.4	2.5	2.0	4.7	8.8	4.0	8.3	7.3
Total Participants**												
2007	1,013,701	379,729	137,599	557,334	284,783	1,262,090	155,429	1,180,688	1,082,066	793,517	2,979,898	10,937,094
2010	1,050,063	393,524	141,871	579,539	297,668	1,312,947	160,801	1,218,160	1,129,238	823,081	3,064,077	11,334,216
2015	1,144,936	427,608	151,061	637,904	331,866	1,446,780	175,341	1,317,320	1,252,927	901,764	3,286,616	12,375,637
2020	1,245,907	463,482	158,890	695,595	364,886	1,580,637	189,283	1,416,879	1,378,692	979,691	3,513,507	13,444,210
* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.												
** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.												

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

Saltwater Non-Boat Fishing

More than 450 fishing piers and 60 miles of jetties and catwalks offer saltwater fishing opportunities to shoreline fishermen along Florida's coastline. Unlike boat fishing, the cost of equipment required to participate in non-boat fishing is low and affordable to most people. The level of experience and physical effort required to participate are low as well. Statewide, 20.7 percent of residents participated, but only 3.8 percent of tourists. Resident participation rates were highest in the South, Northeast and Treasure Coast regions (30.5 percent, 24.3 percent and 21.9 percent, respectively), where some of the most popular and productive fishing piers and jetties in the state are located. The Apalachee Region displayed the highest rate of tourist participation with 14.6 percent, mirror-

ing the popularity of saltwater boat fishing among tourists in that region.

Regional levels of service were highest in the West and South regions. Many communities in these regions have at least one county or city-operated pier or other type of shoreline fishing facility. Levels of service were lowest in the North Central, Apalachee and Withlacoochee regions, where much of the coastline is of a shallow, low-energy nature. Seven regions are projected to have significant needs for non-boat fishing facilities by 2020. Statewide, more than 21 miles of additional shoreline fishing facilities will be needed to maintain current levels of service by 2020.

Table 5.8
Demand and Need Summary By Region
Saltwater Non-Boat Fishing
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	20.9	15.2	16.2	24.3	20.3	21.4	17.3	20.5	21.7	21.9	30.5	20.7
Tourists	6.0	14.6	4.8	3.9	1.5	1.8	<0.1	4.4	5.8	2.7	2.8	3.8
Total Participants**												
2007	791,055	309,445	118,256	607,451	179,881	1,064,304	135,255	1,017,314	748,663	603,118	1,728,811	7,053,639
2010	819,473	320,811	122,210	631,619	188,243	1,107,467	139,741	1,049,977	781,610	625,535	1,772,294	7,306,030
2015	893,625	349,221	131,395	695,132	210,480	1,221,133	152,048	1,136,349	868,009	685,271	1,887,766	7,968,202
2020	972,598	379,382	140,159	758,183	231,518	1,333,352	163,176	1,223,592	955,372	743,958	2,001,410	8,635,282
Levels of Service (Feet of Pier, Jetty, Catwalk/1,000 Participants)												
2007	91	18	11	50	27	47	NA	76	71	49	83	66
2010	88	17	11	48	26	45	NA	74	68	48	81	64
2015	80	16	10	44	23	41	NA	68	61	43	76	59
2020	74	14	9	40	21	38	NA	63	55	40	71	54
Resource/Facility Requirements*** (Feet of Pier, Jetty, Catwalk)												
2010	2,583	201	43	1,204	227	2,040	NA	2,478	2,331	1,107	3,592	18,211
2015	9,321	703	143	4,368	831	7,412	NA	9,030	8,445	4,058	13,129	65,988
2020	16,498	1,236	238	7,510	1,402	12,716	NA	15,649	14,627	6,956	22,516	114,111

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

NA represents resource or facilities that do not exist in the region.

BOLD type represents regions with levels of service below the statewide median.

Saltwater Boat Ramp Use

Recreational boating access to Florida's coastal waters is highly valued by boaters, fishermen, hunters and other sportsmen. This activity was considerably more popular among residents than tourists. Statewide, 18.2 percent of residents participated in saltwater boat ramp use but, only 1.2 percent of tourists. Resident participation was highest in the South and North Central regions. The highest tourist participation (4.2 percent) was in the Apalachee Region, further reflecting the popularity of the region among boaters from other southern states.

The West and Apalachee regions had the highest levels of service in the state. Level of service was lowest in the Withlacoochee Region. The South and Southwest regions displayed the largest future requirements for additional boat ramp lanes (44 and 40 lanes, respectively) by 2020, a reflection of their projected rapid population growth. A total of 271 additional boat ramp lanes will be required across the state by 2020 to maintain current levels of service.

Table 5.9
Demand and Need Summary By Region
Saltwater Boat Ramp Use
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	16.0	17.0	22.9	21.1	21.2	15.8	12.9	18.7	15.8	14.5	25.1	18.2
Tourists	1.6	4.2	<0.1	1.1	2.9	1.2	<0.1	1.2	2.3	2.7	2.1	1.2
Total Participants**												
2007	310,448	147,810	113,392	388,944	213,774	765,547	100,574	653,497	409,660	465,803	1,403,566	4,401,349
2010	320,852	152,894	116,913	404,603	223,509	796,635	103,910	672,734	428,436	483,203	1,438,622	4,554,032
2015	347,902	164,692	124,486	445,808	249,359	878,515	113,061	723,883	477,697	529,448	1,531,742	4,955,003
2020	375,762	176,508	130,938	485,252	274,197	959,134	121,336	773,147	526,342	575,654	1,623,178	5,342,779
Levels of Service												
(Ramp Lanes/1,000 Participants)												
2007	0.6	0.4	0.2	0.2	0.1	0.2	NA	0.3	0.3	0.3	0.2	0.3
2010	0.6	0.4	0.2	0.2	0.1	0.2	NA	0.3	0.3	0.3	0.2	0.3
2015	0.5	0.4	0.2	0.2	0.1	0.2	NA	0.3	0.3	0.2	0.2	0.3
2020	0.5	0.3	0.2	0.1	0.1	0.2	NA	0.3	0.3	0.2	0.2	0.2
Resource/Facility Requirements***												
(Ramp Lanes)												
2010	6	2	1	3	1	6	NA	6	6	5	7	44
2015	21	7	3	10	4	23	NA	23	23	17	26	160
2020	37	11	4	17	7	39	NA	39	40	29	44	271

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

NA represents resource or facilities that do not exist in the region.

BOLD type represents regions with levels of service below the statewide median.

Freshwater Boat Fishing

Florida is dotted with thousands of lakes and rivers that provided freshwater boat fishing opportunities for an estimated 4.8 million participants in 2007. Even more than salt-water boat fishing, it is almost exclusively a resident pastime, with only one percent of tourists participating statewide. Significant tourist participation rates were found in the Northeast and Central regions, where the St. Johns River, Lake Okeechobee, Lake Tohopekaliga and many other waters are nationally known for their excellent trophy (10 pounds or more) largemouth bass fishing and major fishing tournaments. Freshwater fishing is a major theme of nature-based tourism marketing efforts in these regions as well. Significant tourist rates were also

found in the Apalachee Region, where visitors from other states can easily trailer their boats.

Among residents, six regions had participation rates exceeding 20 percent. The highest rates were in the Apalachee and North Central regions. The large rivers and smaller creeks in those parts of the state provide convenient fishing opportunities to residents throughout the regions. High resident participation rates also occurred in the Central region where dozens of large lakes and hundreds of smaller ones are widely distributed. Because of the vast supply of open water area that is available for freshwater boat fishing, levels of service and estimates of future needs were not calculated.

Table 5.10
Demand and Need Summary By Region
Freshwater Boat Fishing
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	24.8	36.8	30.1	23.7	22.2	19.1	24.9	15.1	13.0	12.7	6.9	21.5
Tourists	<0.1	2.1	<0.1	3.4	1.5	1.4	2.0	1.2	1.2	<0.1	0.3	1.0
Total Participants**												
2007	227,812	206,462	149,066	565,354	194,727	918,969	235,194	549,635	283,541	235,398	342,964	4,854,503
2010	234,195	213,102	153,694	587,885	203,799	956,304	243,212	566,011	296,927	243,999	350,959	5,021,579
2015	250,617	227,216	163,650	647,108	227,931	1,054,642	265,010	609,520	332,058	267,125	372,260	5,460,459
2020	265,823	240,263	172,131	705,597	250,722	1,151,378	285,515	651,719	366,167	288,522	392,685	5,880,294

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

Freshwater Non-Boat Fishing

Freshwater shoreline fishing is a very popular activity and is enjoyed by a wide range of people. It is a traditional activity that is common along waterways in rural communities. Like its saltwater counterpart, neither elaborate equipment nor special skills are required to enjoy a day of this type of fishing. It is also essentially a resident activity, with less than one percent of tourists taking part statewide. Resident participation rates were highest in the Apalachee, Northeast and North Central regions, where the Apalachicola, Suwannee and St. Johns Rivers and their many tributaries provide ample shoreline and excellent fishing. Among tourists, the Apalachee Region showed the highest tourist participation rate at 2.1 percent, followed closely by the Central region with 2.0 percent.

The Central and Southwest regions had the highest levels of service compared with the other regions. In addition to the high concentrations of freshwater resources in these regions, many local governments have constructed piers and catwalks that facilitate this activity. Levels of service were lowest in the Treasure Coast, South and Northeast regions. A considerable amount of additional facilities will be required to maintain current levels of service, particularly in the East Central region. Statewide, over 12 miles of freshwater shoreline fishing facilities will be required by 2020 to maintain current service levels as population and demand increase.

Table 5.11
Demand and Need Summary By Region
Freshwater Non-Boat Fishing
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	19.9	29.7	23.4	26.4	19.3	20.7	22.2	16.9	15.5	11.3	8.4	20.1
Tourists	0.5	2.1	<0.1	1.1	1.5	1.2	2.0	1.7	1.5	0.7	0.6	0.7
Total Participants**												
2007	237,164	173,142	115,940	469,141	172,458	922,097	214,386	658,273	350,360	258,670	452,545	4,333,723
2010	244,378	178,752	119,540	488,059	180,464	959,726	221,714	678,260	366,801	268,216	463,641	4,482,085
2015	263,031	190,801	127,283	537,851	201,755	1,058,883	241,618	731,299	409,948	293,750	493,140	4,871,872
2020	281,241	202,053	133,880	585,273	221,916	1,155,551	260,411	783,293	451,983	318,229	521,928	5,241,984
Levels of Service (Feet of Pier, Jetty, Catwalk/1,000 Participants)												
2007	71	60	86	35	77	85	199	79	117	13	34	69
2010	69	58	84	34	74	82	193	76	111	13	33	67
2015	64	55	79	31	66	74	177	71	100	12	31	61
2020	60	51	75	28	60	68	164	66	90	11	29	57
Resource/Facility Requirements*** (Feet of Jetty, Pier, Catwalk)												
2010	510	337	310	665	619	3,200	1,459	1,569	1,919	388	376	10,410
2015	1,830	1,061	978	2,416	2,266	11,634	5,421	5,734	6,954	1,425	1,376	37,761
2020	3,118	1,737	1,547	4,084	3,826	19,855	9,163	9,816	11,859	2,419	2,352	63,731

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Freshwater Boat Ramp Use

Just as for saltwater boat ramps, freshwater boat ramps provide vital access to Florida's public waters for millions of boaters who lack other means of access. A large disparity exists between resident and tourist participation, as is the case for other boating-related activities. Resident participation was highest in the Apalachee, North Central and Northeast regions (30 percent, 30.8 percent and 26.1 percent, respectively). The highest tourist participation was in the Apalachee Region, again, likely due to its proximity to

visitors trailering their boats from southeastern states.

Regional levels of service were highest in the Central, South and West regions. Levels of service were lowest in the Northeast and Withlacoochee regions where resident participation rates are some of the highest in the state. An additional 434 freshwater boat ramp lanes will be needed across the state by 2020 to keep pace with future population growth and demand.

Table 5.12
Demand and Need Summary By Region
Freshwater Boat Ramp Use
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
<u>Percent of Participation*</u>												
Residents	20.7	30.0	30.8	26.1	21.2	19.5	24.0	12.6	11.3	11.3	5.9	20.2
Tourists	0.5	4.2	<0.1	2.8	2.9	1.3	2.0	1.2	1.5	0.7	0.3	1.0
<u>Total Participants**</u>												
2007	244,283	208,656	152,888	567,365	213,774	907,487	228,258	476,931	284,768	258,670	300,531	4,606,121
2010	251,697	215,621	157,635	590,052	223,509	944,424	236,046	491,305	297,877	268,216	307,636	4,764,859
2015	270,863	231,190	167,846	649,708	249,359	1,041,732	257,213	529,466	332,273	293,750	326,555	5,181,817
2020	289,548	246,283	176,545	708,023	274,197	1,137,097	277,147	566,719	366,154	318,229	344,786	5,581,415
<u>Levels of Service</u>												
(Ramp Lanes/ 1,000 Participants)												
2007	0.7	0.3	0.2	0.1	0.1	0.2	1.2	0.4	0.5	0.5	0.9	0.3
2010	0.7	0.3	0.2	0.1	0.1	0.2	1.2	0.4	0.5	0.5	0.9	0.3
2015	0.7	0.3	0.2	0.1	0.1	0.1	1.1	0.4	0.4	0.4	0.9	0.2
2020	0.6	0.2	0.2	0.1	0.1	0.1	1.0	0.4	0.4	0.4	0.8	0.2
<u>Resource/Facility Requirements***</u>												
(Ramp Lanes)												
2010	7	7	6	7	8	14	10	3	5	4	3	71
2015	25	23	18	26	28	51	36	11	18	14	12	256
2020	43	38	28	44	47	87	61	19	30	24	21	434

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Canoeing/Kayaking

Canoeing and kayaking appear to have gained in popularity in recent years. The requirements of this activity in terms of equipment, time and physical ability are such that most people can participate, and the availability of canoe rentals and outfitting services is improving in much of the state. Although it had the fewest participants of any of the water-related activities (14.2 percent of residents and 1.2 percent of tourists participating), its popularity among residents is greatest in the West, Tampa Bay, North Central and South regions where miles of excellent paddling trails exist. Among tourists, participation rates were highest in the Apalachee Region, followed by the Withlacoochee and Central regions. These regional participation rates correspond generally with the availability of designated canoe

trails and commercial canoe rental and outfitting services.

Better trail mapping and increased public awareness efforts regarding canoeing and kayaking trails are occurring at all levels of supply and by many businesses and user groups. Resident and tourist participation in this activity can be expected to increase as these efforts continue. Due to the virtually unlimited canoeing and kayaking resources in Florida, levels of service and future needs were not calculated. Additional efforts are needed to identify suitable trails to support the nearly 4.5 million participants projected by 2020.

Table 5.13
Demand and Need Summary By Region
Canoeing/Kayaking
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	19.4	14.2	15.4	13.7	13.4	14.7	7.6	16.2	10.7	13.4	15.3	14.2
Tourists	1.1	4.2	<0.1	0.6	2.9	0.9	2.0	1.5	0.8	<0.1	1.8	1.2
Total Participants**												
2007	286,858	134,772	76,444	242,590	154,389	659,349	99,939	609,147	221,094	248,475	933,302	3,666,553
2010	296,033	139,452	78,817	252,375	161,282	686,245	103,471	627,472	231,647	257,554	957,693	3,794,568
2015	319,825	150,442	83,923	278,130	179,555	757,116	112,962	676,128	259,346	281,965	1,022,366	4,130,687
2020	343,731	161,556	88,272	302,639	197,381	826,265	122,339	723,577	286,072	304,551	1,086,798	4,458,595
* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.												
** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.												

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

Land-Based Activities

Visiting Archaeological and Historic Sites

Considering the richness of Florida's history and the wealth of archaeological sites that are protected under public ownership, it is not surprising that visiting these areas was the most popular land-based recreation activity among both residents and tourists. Nearly 49 percent of statewide residents and 22 percent of tourists participated. Much attention has been given to educating Florida residents about their state's cultural heritage and promoting these areas to out-of-state visitors has been a mainstay of heritage tourism efforts. Nearly every Florida community has one or more historic sites within a short drive's distance and these areas can make excellent day trip destinations for families. The Northeast, East Central, Apalachee and Tampa Bay regions had the

highest resident participation rates, with more than half of their residents participating. Among tourists, the Northeast, Withlacoochee and South regions had the highest rates at 46.6 percent, 32.4 percent and 27.9 percent, respectively.

Regional levels of service were highest in the Apalachee and North Central regions. Significantly higher numbers of inventoried sites occur in these regions. Level of service was lowest in the highly populated Tampa Bay Region. The Northeast and the East Central regions will have the most significant needs for additional historic sites by 2010. Statewide, 311 additional sites will be required by 2020 to maintain current service levels as population and demand increase.

Table 5.14
Demand and Need Summary By Region
Visiting Archeological and Historic Sites
2007-2020

	Regions												State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South		
<u>Percent of Participation*</u>													
Residents	49.9	50.8	44.2	58.3	47.7	52.9	34.2	50.4	43.7	47.3	50.2	48.7	
Tourists	24.0	27.1	19.0	46.6	32.4	17.7	19.6	23.9	25.0	18.8	27.9	21.6	
<u>Total Participants**</u>													
2007	2,853,353	680,440	371,100	3,714,638	943,603	5,612,308	676,862	3,779,036	2,462,928	2,260,181	6,343,801	27,224,551	
2010	2,958,315	704,818	383,748	3,859,440	983,293	5,833,682	701,482	3,908,505	2,566,014	2,345,424	6,549,936	28,227,132	
2015	3,232,514	764,132	413,684	4,239,105	1,088,019	6,414,875	767,044	4,249,566	2,836,181	2,570,856	7,092,279	30,855,188	
2020	3,527,654	825,841	442,937	4,639,678	1,194,994	7,021,554	834,279	4,605,266	3,117,619	2,803,360	7,665,779	33,598,431	
<u>Levels of Service</u>													
(Sites/1,000 Participants)													
2007	0.02	0.26	0.19	0.09	0.10	0.05	0.04	<0.01	0.04	0.02	0.02	0.05	
2010	0.02	0.25	0.18	0.09	0.09	0.05	0.03	<0.01	0.04	0.01	0.02	0.05	
2015	0.02	0.23	0.17	0.08	0.08	0.05	0.03	<0.01	0.04	0.01	0.02	0.04	
2020	0.02	0.21	0.16	0.07	0.08	0.04	0.03	<0.01	0.03	0.01	0.01	0.04	
<u>Resource/Facility Requirements***</u>													
(Sites)													
2010	2	6	2	13	4	12	1	1	4	1	4	49	
2015	9	22	8	48	14	42	3	2	16	5	13	177	
2020	16	38	14	85	24	74	6	4	27	8	23	311	

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Nature Study

The great diversity of Florida's wildlife and plant communities makes it a paradise for the study of nature. In 2007, an estimated 25 million residents and tourists participated in nature study, making it the second-most popular land-based activity surveyed. Anyone with sufficient interest can participate. Although no specialized facilities or equipment are required, trails that have been designed for educating visitors and interpreting the natural landscape can add tremendously to the enjoyment of the experience, particularly for those who are disabled or are less well-initiated in natural settings. The popularity of this activity is likely to increase even further as public education and nature-based tourism marketing efforts continue. Regional participation rates for residents were highest in the South, East Central and Tampa Bay regions, where extensive pro-

tected lands are convenient to highly populated urban areas. Tourist participation rates mirrored this with the highest rates occurring in the larger tourist markets where large, protected natural areas offer plentiful opportunities, often through organized nature study trips.

The less populated North Central, Withlacoochee and Apalachee regions, where there are many miles of trails and smaller resident and tourist populations, had the highest levels of service. The lowest levels of service were found in the densely populated coastal regions: Treasure Coast, South, Tampa Bay and to a lesser extent, the West. Additional nature study trails will be needed in all regions to maintain current levels of service, particularly in the rapidly growing East Central region.

Table 5.15
Demand and Need Summary By Region
Nature Study
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	39.3	36.8	29.8	39.6	34.0	42.1	30.2	40.3	32.7	38.5	44.8	37.1
Tourists	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
Total Participants**												
2007	2,538,299	819,641	299,752	2,305,370	707,328	5,101,423	686,632	3,941,873	2,924,054	2,887,554	5,375,525	25,056,387
2010	2,632,159	849,864	310,185	2,395,349	736,954	5,302,022	711,792	4,080,780	3,042,772	2,997,242	5,548,502	25,986,179
2015	2,877,419	925,719	335,356	2,631,304	815,094	5,828,492	778,640	4,446,125	3,353,788	3,286,243	6,003,747	28,422,876
2020	3,142,013	1,006,492	360,550	2,879,342	895,181	6,381,435	847,834	4,832,151	3,683,791	3,591,238	6,484,015	30,989,465
Levels of Service												
(Miles of Trail/1,000 Participants)												
2007	0.04	0.36	0.69	0.08	0.37	0.08	0.28	0.05	0.09	0.04	0.05	0.10
2010	0.04	0.35	0.67	0.08	0.35	0.08	0.27	0.05	0.08	0.04	0.05	0.10
2015	0.04	0.32	0.62	0.07	0.32	0.07	0.25	0.04	0.08	0.04	0.04	0.09
2020	0.03	0.30	0.57	0.06	0.29	0.06	0.23	0.04	0.07	0.03	0.04	0.08
Resource/Facility Requirements***												
(Miles of Trail)												
2010	4	11	7	7	11	16	7	7	10	4	8	92
2015	14	39	25	26	40	58	26	25	37	16	30	333
2020	25	68	42	46	69	102	46	44	65	28	52	586

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Picnicking

Because of its simplicity and its relationship to so many other recreational pursuits, picnicking is one of the most popular outdoor activities in the state. It is largely a family-type of activity, although in Florida, many large social groups also enjoy picnicking, and it requires only that the participant enjoy a meal outdoors. Participation among residents was relatively even across the regions, with the Tampa Bay, Apalachee and West Florida regions showing slightly higher rates than the others. Tourist participation rates in the North Central region (33.3 percent) were distinctly higher than other re-

gions, with the Withlacoochee and Tampa Bay regions following at 23.5 percent and 19 percent.

The Central and Withlacoochee regions had the highest levels of service in the state. Levels of service were lowest in the Northeast and West regions. Significant projected needs for picnic tables exist for all regions in 2020. Statewide, nearly 27,000 picnic tables will be needed to maintain current service levels.

Table 5.16
Demand and Need Summary By Region
Picnicking
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	48.3	49.2	44.0	44.9	41.5	47.7	33.3	50.4	39.2	39.6	45.3	44.4
Tourists	16.4	18.8	33.3	15.7	23.5	9.3	17.6	19.0	17.3	9.4	14.1	13.0
Total Participants**												
2007	2,076,956	536,935	483,796	1,635,855	737,768	3,585,128	628,944	3,297,032	1,843,689	1,424,337	4,064,750	19,196,736
2010	2,152,205	555,847	500,788	1,700,258	769,100	3,727,993	651,757	3,407,962	1,922,095	1,477,710	4,186,941	19,894,532
2015	2,348,637	600,993	542,115	1,869,312	851,836	4,103,495	712,562	3,700,491	2,127,622	1,619,334	4,509,261	21,724,378
2020	2,558,646	647,261	583,884	2,042,522	935,719	4,487,564	774,700	4,002,954	2,339,694	1,762,332	4,843,507	23,604,481
Levels of Service												
(Tables/1,000 Participants)												
2007	3	6	9	3	10	7	16	6	8	4	4	6
2010	3	6	8	3	9	7	15	5	8	4	3	6
2015	3	6	8	3	9	6	14	5	7	4	3	5
2020	3	5	7	2	8	6	13	5	7	3	3	5
Resource/Facility Requirements***												
(Tables)												
2010	238	117	148	198	308	1,034	361	612	657	221	429	4,220
2015	859	395	508	717	1,121	3,751	1,325	2,227	2,380	807	1,559	15,285
2020	1,523	681	873	1,248	1,946	6,530	2,309	3,897	4,157	1,399	2,732	26,654

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Bicycle Riding - Paved Trails

In theory, one could ride a bicycle for recreation almost anywhere in Florida due to the easy availability of public roadways. In reality, however, paved trails that are specifically designed for bicycling are actually quite limited and are vital for full and safe public enjoyment of this activity. The participation rates identified in the University of Florida's resident and tourist surveys reflected both types of bicycling. Bicycling on paved surfaces was the fourth most-popular land-based activity overall, accounting for more than 14.8 million participants. Statewide, 43.5 percent of residents and eight percent of visitors participated. Resident participation rates were highest in the South and East Central regions at 57.6 percent and 52.5 percent, respectively, with the Southwest, Tampa Bay, Northeast and Treasure

Coast regions following closely. Among tourists, the South (57.6 percent), East Central (52.5 percent) and Southwest (48.5 percent) regions had the highest participation rates.

The North Central, Apalachee and Withlacoochee regions had the three highest levels of service in the state. While large numbers of trails were inventoried in the more populated regions, those regions also had the highest demand. Levels of service were lowest in the West and Treasure Coast regions. Significant projected needs for paved trails exist for all regions through 2020. Statewide, more than 300 miles of additional paved trails will be needed just to maintain current levels of service as population and demand increase.

Table 5.17
Demand and Need Summary By Region
Bicycle Riding - Paved Trails
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	35.7	34.1	35.5	47.2	38.9	52.5	35.1	47.8	48.5	47.0	57.6	43.5
Tourists	6.0	4.2	4.8	8.4	7.4	5.3	15.7	9.3	16.5	12.1	5.2	8.0
Total Participants**												
2007	926,319	227,489	213,812	1,228,932	426,801	2,827,629	601,834	2,288,672	1,933,064	1,759,364	3,263,175	14,841,323
2010	958,527	235,036	220,731	1,277,763	445,986	2,941,858	623,532	2,361,614	2,016,688	1,825,358	3,345,259	15,372,389
2015	1,042,429	251,772	236,299	1,406,074	496,879	3,242,540	681,472	2,554,585	2,235,936	2,000,380	3,563,241	16,765,691
2020	1,130,431	267,880	250,499	1,533,944	546,264	3,541,752	740,225	2,748,758	2,459,882	2,177,696	3,777,780	18,169,382
Levels of Service												
(Miles of Trail/1,000 Participants)												
2007	0.03	0.21	0.32	0.06	0.23	0.08	0.09	0.06	0.10	0.04	0.12	0.10
2010	0.03	0.20	0.31	0.06	0.22	0.08	0.09	0.06	0.09	0.04	0.12	0.09
2015	0.03	0.19	0.29	0.05	0.20	0.07	0.08	0.05	0.09	0.04	0.11	0.08
2020	0.03	0.18	0.28	0.05	0.18	0.07	0.08	0.05	0.08	0.04	0.11	0.08
Resource/Facility Requirements***												
(Miles of Trail)												
2010	1	2	2	3	4	10	2	4	8	3	10	51
2015	4	5	7	10	16	35	8	16	30	11	37	185
2020	7	8	12	18	28	60	13	27	52	19	64	320

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Hiking

Like other recreational trail activities, hiking's popularity has increased in recent years as a result of increased public education and promotion and the volunteer efforts of the Florida Trail Association. Florida has nearly 4,600 miles of hiking trails, most of which are located on the state's public lands. They provide a diverse range of hiking experiences, from a day's hike to a long-distance trek, from one end of the state to the other. More than 8.3 million people participated in hiking during 2007, with the number of participants divided evenly between residents and tourists. However, far more residents participated than tourists on a percentage basis (22.6 percent compared to five percent). Among residents, the highest partici-

pation rates were in the northern regions (North Central, Apalachee and Northeast). For tourists, most of the higher rates were in central and southwest Florida (Tampa Bay, Southwest and Central regions).

The Apalachee, North Central and Withlacoochee regions had the highest levels of service. Levels of service were lowest in the Tampa Bay and South regions, where hiking trails are in short supply. Significant needs for additional hiking trails are projected in all regions. Nearly 1,140 miles of additional hiking trails will be needed to maintain current levels of service through 2020.

Table 5.18
Demand and Need Summary By Region
Hiking
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	24.0	25.7	26.2	25.1	23.9	24.3	14.7	24.1	16.9	19.8	18.7	22.6
Tourists	5.5	4.2	4.8	8.4	4.4	4.7	5.9	7.6	6.5	4.0	4.9	5.0
Total Participants**												
2007	765,092	188,374	167,945	892,104	260,039	1,817,874	237,393	1,433,061	729,252	662,741	1,541,126	8,422,662
2010	792,214	194,712	173,441	927,246	271,740	1,890,323	245,917	1,480,580	760,536	687,526	1,586,297	8,725,936
2015	862,937	209,024	185,945	1,019,497	302,781	2,080,748	268,710	1,605,996	842,548	753,362	1,705,555	9,521,450
2020	937,798	223,024	197,536	1,113,855	332,879	2,275,475	291,705	1,734,752	926,736	819,401	1,828,394	10,329,245
Levels of Service												
(Miles of Trail/1,000 Participants)												
2007	0.39	2.95	2.90	0.51	2.17	0.29	1.81	0.27	0.70	0.59	0.27	0.60
2010	0.38	2.85	2.80	0.49	2.08	0.28	1.74	0.27	0.67	0.57	0.26	0.58
2015	0.35	2.65	2.62	0.44	1.86	0.25	1.60	0.24	0.60	0.52	0.25	0.53
2020	0.32	2.49	2.46	0.41	1.70	0.23	1.47	0.23	0.55	0.48	0.23	0.49
Resource/Facility Requirements***												
(Miles of Trail)												
2010	11	19	16	18	25	21	15	13	22	15	12	181
2015	38	61	52	65	93	77	57	47	79	54	45	656
2020	68	102	86	113	158	133	98	83	138	93	78	1,138

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Bicycle Riding - Unpaved Trails

Unpaved trails are the preferred surfaces for “mountain biking,” a more rugged and athletic style of bicycle riding than its paved surface counterpart. Despite the physical requirements and somewhat specialized equipment that are needed to participate in the activity, biking on unpaved trails ranked fifth in popularity among the land-based activities and was enjoyed by more than five million participants. It is almost entirely a resident activity, with only one percent of tourists participating, although this could change as more national biking competitions are held in the state. Resident participation was distributed fairly evenly across regions, with the Northeast, South and East Central

regions leading the others. Among tourists, the Withlacoochee region stood out with the highest participation rate (2.9 percent), reflecting the popularity of the trails available there.

Similar to bicycle riding on paved trails, levels of service were highest in the North Central, Withlacoochee and Apalachee regions. These regions had some of the highest supply levels of all the regions. Level of service was lowest in the South region. Statewide, more than 500 miles of trails will be needed to maintain current levels of service in light of expected increases in population.

Table 5.19
Demand and Need Summary By Region
Bicycle Riding - Unpaved Trails
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	20.4	22.9	23.9	28.5	21.6	23.4	16.4	19.8	14.6	16.3	24.6	21.4
Tourists	1.6	2.1	<.1	2.2	2.9	0.9	2.0	1.7	1.9	0.7	0.6	1.0
Total Participants**												
2007	350,790	141,270	118,488	569,376	216,249	933,311	169,301	741,362	364,705	350,214	1,152,696	4,838,979
2010	362,324	145,895	122,167	592,219	226,102	971,653	175,133	763,639	381,536	363,105	1,178,473	5,005,534
2015	392,283	155,969	130,080	652,307	252,268	1,072,761	190,935	822,789	425,698	397,632	1,247,279	5,443,043
2020	422,835	165,504	136,822	710,449	277,398	1,169,994	206,019	880,435	469,136	430,431	1,312,253	5,861,614
Levels of Service												
(Miles of Trail/1,000 Participants)												
2007	0.24	1.13	1.95	0.40	1.45	0.50	1.04	0.42	0.46	0.49	0.06	0.49
2010	0.23	1.10	1.89	0.38	1.39	0.48	1.01	0.41	0.44	0.48	0.06	0.48
2015	0.22	1.03	1.77	0.35	1.25	0.43	0.93	0.38	0.39	0.43	0.06	0.44
2020	0.20	0.97	1.69	0.32	1.13	0.40	0.86	0.36	0.36	0.40	0.06	0.41
Resource/Facility Requirements***												
(Miles of Trail)												
2010	3	5	7	9	14	19	6	9	8	6	2	82
2015	10	17	23	33	52	69	23	34	28	23	6	298
2020	17	27	36	56	89	117	38	59	48	40	10	504

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

RV/Trailer Camping

RV camping in Florida is changing and changes can be expected in the way that residents and tourists participate in this activity. Many private campgrounds have been sold for development in recent years increasing the relative importance of public areas to maintaining the overall supply of RV sites. Full-time RV camping is a reality for many retirees who are searching for an active lifestyle and affordable housing costs. Rising gasoline prices will dampen demand for this activity, but the long-term effects on participation are not certain. In 2007, Florida hosted an estimated 3.9 million resident and tourist RV/trailer campers. Ten percent of residents participated, with the highest rates clustered in the Northeast, Apalachee, North

Central and Withlacoochee regions. State-wide, 2.5 percent of tourists participated. It is worth noting that tourist participation in the North Central region was nearly twice the rate of any other region.

Significant regional differences in levels of service were found. The Central region stood out as having the highest level of service of any region, followed by the Southwest. The Northeast region, where fewer sites exist and demand is high, had the lowest level of service. Statewide, nearly 37,000 additional RV/trailer campsites will be needed by 2020 to maintain current levels of service.

Table 5.20
Demand and Need Summary By Region
RV/Trailer Camping
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	8.5	12.1	10.8	13.2	10.8	9.3	9.3	6.1	7.6	10.2	6.9	9.7
Tourists	3.8	<0.1	19.0	6.2	7.4	3.1	9.8	3.2	2.3	0.7	1.5	2.5
Total Participants**												
2007	459,390	56,500	205,471	575,349	214,005	980,308	277,740	488,451	282,848	239,054	526,687	3,908,616
2010	476,241	58,246	212,977	597,915	223,004	1,018,985	288,036	505,310	295,183	247,883	541,749	4,050,090
2015	520,256	61,748	231,852	657,123	246,748	1,120,532	315,295	549,701	327,526	271,490	581,548	4,421,130
2020	567,574	64,791	251,680	718,473	271,008	1,226,477	343,920	596,160	360,405	294,185	622,265	4,800,364
Levels of Service												
(Sites/1,000 Participants)												
2007	11	43	22	8	50	36	92	61	89	30	23	41
2010	11	42	21	8	48	34	88	59	85	29	23	40
2015	10	40	20	7	43	31	81	54	77	26	21	37
2020	9	38	18	6	39	29	74	50	70	24	20	34
Resource/Facility Requirements***												
(Sites)												
2010	192	75	166	183	447	1,385	943	1,020	1,097	261	349	5,865
2015	693	227	582	663	1,627	5,021	3,439	3,707	3,974	959	1,272	21,248
2020	1,232	358	1,020	1,160	2,832	8,815	6,060	6,518	6,899	1,631	2,215	36,970

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Tent Camping

To most participants, tent camping is a distinctly different recreational experience than RV/trailer camping. While many tent campers enjoy having the same amenities as their counterparts in recreational vehicles, most prefer to camp in areas that have been designated specifically for tent camping. Tent campers have the added advantage of being able to take their equipment with them to more remote sites that offer the solitude not found in most RV campground settings. Tent camping is far more popular among residents than tourists (15.9 percent of residents participated compared to 1.2 percent of tourists), while the opposite is true for RV/trailer camping (9.7 percent participation for tourists versus 2.5 percent for residents).

Statewide, nearly four million people went tent camping in 2007. The Northeast, West and East Central regions showed the highest participation rates among residents. Among tourists, the North Central, West and South regions had the highest rates.

The highest levels of service were found in the Withlacoochee and Apalachee regions. Levels of service were lowest in the South, Tampa Bay and Northeast where populations are much higher and fewer state and federal lands provide tent camping. In the East Central region alone, more than 1,150 tent campsites will be needed by 2020. Statewide, more than 4,300 sites will be needed by 2020 to accommodate the projected increases in participation.

Table 5.21
Demand and Need Summary By Region
Tent Camping
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	19.4	18.3	17.5	19.8	13.7	18.9	12.9	12.6	9.6	11.0	17.7	15.9
Tourists	1.6	<0.1	4.8	1.1	<0.1	0.8	<0.1	0.3	<0.1	<0.1	1.2	1.2
Total Participants**												
2007	341,298	85,474	124,627	368,895	103,923	765,280	100,574	391,872	148,676	202,704	947,524	3,982,205
2010	352,566	88,116	128,778	383,739	108,898	796,682	103,910	402,974	156,228	210,110	970,606	4,120,817
2015	381,840	93,414	138,389	422,798	122,157	879,482	113,061	432,570	176,063	230,024	1,031,986	4,484,794
2020	411,759	98,017	147,515	460,247	134,427	959,295	121,336	460,428	194,547	248,449	1,091,754	4,838,420
Levels of Service (Sites/1,000 Participants)												
2007	6	20	14	4	32	6	10	3	8	4	1	5
2010	6	19	13	3	31	6	10	3	8	4	1	5
2015	5	18	12	3	27	5	9	3	7	3	1	4
2020	5	17	11	3	25	5	8	3	6	3	1	4
Resource/Facility Requirements*** (Sites)												
2010	65	52	56	52	159	187	33	34	63	29	31	698
2015	234	156	187	190	583	678	125	124	228	108	115	2,530
2020	406	247	311	322	975	1,153	208	208	381	181	196	4,309

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Off-Highway Vehicle Riding

Riding off-highway vehicles (OHVs) is growing in popularity in Florida, especially among families, and participation is expected to increase as new areas for OHV riding are provided. However, it is not an activity that reaches a large segment of the public. Nevertheless, more than 3.8 million people were estimated to have participated in OHV riding in 2007, nearly all of them Florida residents. The South, East Central and Tampa Bay regions displayed the highest number of participants; the Apalachee, North Central and Northeast regions had the highest rates of resident participation. Tourist participation rates, while low in all regions, were highest in the North Central region (4.8 percent).

Regional levels of service were highest in the Withlacoochee, North Central and Apalachee regions. Levels of service and resource/facility requirements could not be calculated in five regions because no inventoried OHV trails existed in those regions. However, all of those regions displayed significant participation in OHV riding among residents and measurable levels of participation among tourists. OHV trails undoubtedly exist in these regions, but are located on lands that could not be practicably inventoried for this plan. Statewide, nearly 180 miles of additional trails will be needed by 2020 just to maintain current levels of service. All regions have considerable needs for additional miles of OHV trails.

Table 5.22
Demand and Need Summary By Region
Off-Highway Vehicle Riding
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	18.9	24.1	21.1	19.5	13.4	13.7	12.0	12.6	13.5	9.9	11.8	16.0
Tourists	0.5	<0.1	4.8	2.2	<0.1	0.9	2.0	0.9	0.4	<0.1	1.2	1.0
Total Participants**												
2007	227,672	113,000	142,464	433,041	101,449	626,734	134,620	448,578	237,359	183,087	692,923	3,819,579
2010	234,620	116,493	147,168	450,343	106,305	652,267	139,302	461,862	249,077	189,777	710,667	3,951,911
2015	252,589	123,496	157,971	495,835	119,248	719,539	151,949	497,167	279,844	207,764	757,753	4,299,450
2020	270,165	129,581	168,111	540,413	131,227	785,345	164,179	531,289	308,973	224,406	804,363	4,634,964
Levels of Service												
(Miles of Trail/1,000 Participants)												
2007	NC	1.33	1.67	0.44	1.84	0.03	NC	NC	0.21	NC	NC	0.22
2010	NC	1.29	1.62	0.43	1.76	0.02	NC	NC	0.20	NC	NC	0.21
2015	NC	1.21	1.51	0.39	1.57	0.02	NC	NC	0.18	NC	NC	0.19
2020	NC	1.16	1.42	0.36	1.43	0.02	NC	NC	0.16	NC	NC	0.18
Resource/Facility Requirements***												
(Miles of Trail)												
2010	NC	5	8	8	9	1	NC	NC	2	NC	NC	29
2015	NC	14	26	28	33	2	NC	NC	9	NC	NC	105
2020	NC	22	43	48	55	4	NC	NC	15	NC	NC	178

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

NC represents Levels of Service and Resource/Facility Requirements that could not be calculated.

BOLD type represents regions with levels of service below the statewide median.

Horseback Riding

More than two million people participated in horseback riding in 2007, nearly all of them Florida residents. Despite its growth in popularity in recent years, horseback riding is done by a relatively small portion of the population (9.1 percent of residents). The expense of owning a horse is relatively high and most people lack the necessary space to quarter horses. This can be alleviated to some extent in areas where horses are available for rent. Resident participation rates were highest in some of the north Florida regions (Northeast, North Central and Withlacoochee). In terms of participants, however, more riders lived in the urbanized regions centered on Miami, Fort Lauderdale, Tampa and Orlando (the South, Tampa Bay and East Central regions). Future participa-

tion in horseback riding will be influenced by the continued availability of trails on private land and whether the loss of opportunities on those areas is compensated by new opportunities on public lands.

The highest levels of service were found in the Withlacoochee, North Central and Central regions. These regions have some of the largest supplies of horseback riding trails in the state. Levels of service were lowest in the West and South regions where trails are in shorter supply. Significant projected needs for horseback riding trails exist in all regions in 2020, with the East Central region displaying the highest need. Statewide, nearly 480 additional miles of horseback riding trails will be needed to maintain current levels of service.

Table 5.23
Demand and Need Summary By Region
Horseback Riding
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	9.6	8.7	12.9	13.5	10.1	6.6	8.4	7.2	6.2	9.5	6.4	9.1
Tourists	1.1	2.1	<0.1	1.7	<0.1	0.9	<0.1	0.6	<0.1	0.7	<0.1	0.4
Total Participants**												
2007	196,682	74,629	63,703	306,736	76,705	404,955	65,894	264,431	96,202	225,976	275,817	2,043,224
2010	220,622	83,138	69,936	351,167	90,163	464,017	74,075	293,324	113,923	256,649	297,085	2,297,962
2015	220,622	83,138	69,936	351,167	90,163	464,017	74,075	293,324	113,923	256,649	297,085	2,297,962
2020	238,509	89,085	73,560	382,805	99,220	507,088	79,496	313,716	125,883	278,156	311,340	2,474,160
Levels of Service												
(Miles of Trail/1,000 Participants)												
2007	0.37	1.76	3.86	0.68	4.02	1.31	3.30	0.95	0.99	0.72	0.50	1.16
2010	0.36	1.70	3.75	0.65	3.83	1.26	3.19	0.92	0.94	0.70	0.49	1.12
2015	0.33	1.58	3.52	0.59	3.42	1.14	2.94	0.86	0.84	0.64	0.47	1.03
2020	0.31	1.47	3.34	0.54	3.11	1.04	2.74	0.80	0.76	0.59	0.45	0.95
Resource/Facility Requirements***												
(Miles of Trail)												
2010	2	5	8	8	10	21	7	8	5	6	3	78
2015	9	15	24	30	36	77	27	27	18	22	11	282
2020	16	25	38	51	60	134	45	47	29	38	18	477

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Hunting

Hunting ranked 24th in resident participation among the 29 recreation activities surveyed. As with horseback riding, the development of agricultural lands and loss of public access to large private landholdings have combined to reduce the amount of land available for public hunting. These reductions, together with the loss of wildlife habitat that has occurred throughout the state as a result of urban development, have combined to increase the pressure for hunting on public land. An estimated 2.4 million people hunted in Florida during 2007, nearly all of them residents. Only the Central and East Central regions reported a measurable amount of hunting by tourists. While the largest numbers of hunters lived in the heavily populated East Central, South and

Tampa Bay regions, the highest participation rates were found among residents of the state's northern regions (Apalachee, North Central and Withlacoochee) where the supply of available hunting lands is generally greatest.

Regional levels of service for hunting vary widely. The Apalachee region, with its relatively small population and large supply of public hunting land, stood out as having the highest level of service. In contrast, the Tampa Bay and Central regions, where fewer public hunting lands exist, had the lowest levels of service. Statewide, more than one million acres of additional land for hunting will be needed by 2020 to maintain current levels of service.

Table 5.24
Demand and Need Summary By Region
Hunting
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	14.0	22.6	19.3	12.7	14.1	6.2	9.3	7.9	7.3	4.9	5.4	11.6
Tourists	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	2.0	<0.1	<0.1	<0.1	<0.1	0.4
Total Participants**												
2007	128,144	105,756	95,555	192,473	106,398	269,271	113,812	228,497	113,693	91,544	233,383	2,493,415
2010	131,735	109,025	98,522	200,296	111,491	280,276	117,804	234,791	119,468	94,888	238,277	2,578,764
2015	140,972	115,580	104,904	220,901	125,065	309,283	128,557	251,599	134,636	103,882	251,380	2,803,001
2020	149,526	121,275	110,341	240,051	137,628	337,470	139,075	267,142	148,771	112,203	263,442	3,015,878
Levels of Service												
(Acres/1,000 Participants)												
2007	5,139	8,949	3,581	1,795	5,314	1,595	446	255	6,785	3,751	2,993	2,089
2010	4,999	8,681	3,473	1,724	5,071	1,532	431	248	6,457	3,619	2,931	2,020
2015	4,671	8,188	3,262	1,564	4,521	1,388	395	232	5,729	3,305	2,778	1,859
2020	4,404	7,804	3,101	1,439	4,108	1,273	365	218	5,185	3,060	2,651	1,727
Resource/Facility Requirements***												
(Acres)												
2010	18,453	29,258	10,623	14,037	27,064	17,552	1,781	1,606	39,182	12,546	14,646	178,324
2015	65,922	87,912	33,474	51,015	99,197	63,811	6,577	5,896	142,093	46,279	53,858	646,831
2020	109,878	138,881	52,942	85,378	165,954	108,764	11,269	9,863	237,997	77,490	89,956	1,091,604

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

User-Oriented Activities

User-oriented recreation activities are considered separately from resource-based activities in this plan because they do not depend on the availability or distribution of natural resources and require only that man-made facilities be available for the purpose. All user-oriented activities can be enjoyed year-round in Florida because of the state's mild climate. Team activities such as baseball, football and basketball, however, are subject to seasonal considerations that affect participation patterns throughout the year.

Participation in user-oriented activities was far greater among the state's residents than visitors. Participation percentages were highest in the urban areas where the greatest concentrations of Floridians live, and they increased in proportion to increasing population. Resident participation rates were consistently lower in the state's rural regions, which probably reflects a lack of available facilities in those regions rather than a lower relative level of interest in user-oriented activities. The favorite activities of residents, in the order of their statewide participation rates, were outdoor swimming pool use, baseball/softball, golf, basketball and football.

Tourists participated in user-oriented activities far less often than residents. Only one activity (outdoor swimming pool use), showed a greater percentage of tourist participation than resident participation. This

reflects tourists' general preference for resource-based types of recreation and other leisure activities and the limited amount of time they have to spend in the state. Generally, the highest tourist participation rates in user-oriented activities were seen in the regions with the largest tourist populations (East Central, Tampa Bay, Southwest, Treasure Coast and South). Outdoor swimming pool use, golf, baseball/softball, shuffleboard, basketball and tennis had significant percentages of tourist participation.

When considering levels of service for user-oriented activities, regions that had lower resident and tourist populations generally had the highest levels of service. These regions include the Apalachee, North Central and Withlacoochee regions. The regions with lower levels of service were among the most highly populated, the East Central, Northeast, South, Tampa Bay, Treasure Coast and West regions. The sheer number of people who live in these densely populated areas, combined with the tourists who visit, dramatically impact levels of service.

Significant needs for additional user-oriented facilities are identified in Table 5.25 through Table 5.33. In order to maintain current levels of service as population and demand increase through 2020, an additional 1,223 baseball/softball fields, 1,765 outdoor basketball goals, 778 football fields, 500 outdoor swimming pools, 2,095 tennis courts and 367 soccer fields will need to be provided.

Outdoor Recreation in Florida, 2008

Table 5.25
Demand and Need Summary By Region
Baseball/Softball
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	22.0	21.1	23.9	22.2	16.0	21.8	16.9	24.5	16.1	15.5	18.7	20.2
Tourists	2.7	<0.1	4.8	3.9	1.5	1.4	7.8	7.6	5.4	4.0	4.3	3.5
Total Participants**												
2007	473,908	98,512	156,479	575,373	147,714	1,003,767	295,715	1,443,448	633,743	584,275	1,449,265	6,708,796
2010	490,029	101,558	161,618	598,237	154,536	1,044,645	306,391	1,491,253	661,191	606,193	1,490,902	6,948,379
2015	531,977	107,663	173,357	658,316	172,670	1,152,342	334,888	1,617,432	733,157	664,320	1,600,911	7,576,987
2020	575,505	112,968	184,295	718,174	189,909	1,257,771	363,837	1,746,895	806,614	723,227	1,713,603	8,208,678
Levels of Service												
(Fields /1,000 Participants)												
2007	1.0	2.6	1.3	1.0	2.1	0.8	1.3	0.5	0.5	1.0	0.5	0.8
2010	1.0	2.5	1.3	1.0	2.0	0.8	1.2	0.5	0.5	1.0	0.5	0.8
2015	0.9	2.4	1.2	0.9	1.8	0.7	1.1	0.5	0.4	0.9	0.5	0.7
2020	0.8	2.3	1.1	0.8	1.6	0.7	1.0	0.4	0.4	0.8	0.4	0.7
Resource/Facility Requirements***												
(Fields)												
2010	17	8	7	23	14	33	14	25	14	22	22	195
2015	60	24	23	85	52	121	50	92	49	81	79	708
2020	104	38	37	146	88	208	87	161	86	140	138	1,223

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.
 ** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.
 *** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.
BOLD type represents regions with levels of service below the statewide median.

Table 5.26
Demand and Need Summary By Region
Outdoor Basketball
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	14.5	14.9	18.0	20.8	13.7	19.7	16.0	17.3	13.5	13.8	24.6	16.9
Tourists	1.6	2.1	<0.1	<0.1	<0.1	1.6	<0.1	1.7	0.4	1.3	0.9	2.6
Total Participants**												
2007	296,210	103,604	89,185	316,779	103,923	987,593	124,851	668,659	237,359	353,870	1,198,626	5,343,091
2010	359,148	122,311	102,985	395,083	134,427	1,237,230	150,624	795,436	308,973	436,095	1,369,648	6,530,360
2015	332,239	114,803	97,910	363,567	122,157	1,133,070	140,352	742,735	279,844	401,997	1,299,601	6,031,821
2020	359,148	122,311	102,985	395,083	134,427	1,237,230	150,624	795,436	308,973	436,095	1,369,648	6,530,360
Levels of Service												
(Goals/1,000 Participants)												
2007	1.1	2.4	5.6	2.1	4.6	1.4	3.6	1.6	1.6	2.6	1.3	1.5
2010	1.1	2.3	5.4	2.1	4.4	1.3	3.5	1.5	1.5	2.5	1.3	1.4
2015	1.0	2.1	5.1	1.9	3.9	1.2	3.2	1.4	1.3	2.3	1.2	1.3
2020	0.9	2.0	4.9	1.7	3.6	1.1	3.0	1.3	1.2	2.1	1.1	1.2
Resource/Facility Requirements***												
(Goals)												
2010	11	8	16	28	23	55	15	32	18	35	35	283
2015	41	26	49	100	85	202	56	116	67	127	130	1,024
2020	71	44	78	167	141	346	93	198	113	216	220	1,765

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.
 ** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.
 *** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.
BOLD type represents regions with levels of service below the statewide median.

Outdoor Recreation in Florida, 2008

Table 5.27
Demand and Need Summary By Region
Football
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
<u>Percent of Participation*</u>												
Residents	12.9	12.4	18.0	18.7	9.2	11.0	15.6	15.5	10.4	9.5	16.3	13.5
Tourists	1.6	<0.1	4.8	<0.1	<0.1	0.7	<0.1	2.6	<0.1	<0.1	1.8	1.6
<u>Total Participants**</u>												
2007	281,972	57,948	127,175	284,700	69,282	492,881	121,383	701,787	161,794	176,548	975,735	3,862,438
2010	291,578	59,740	131,405	296,270	72,599	512,985	125,409	723,902	170,012	182,999	1,001,016	3,998,671
2015	316,575	63,331	141,186	326,750	81,438	565,958	136,453	782,449	191,597	200,344	1,068,071	4,356,249
2020	342,534	66,452	150,457	355,075	89,618	617,652	146,440	841,012	211,713	216,391	1,134,696	4,709,841
<u>Levels of Service</u> (Fields/1,000 Participants)												
2007	1.0	2.2	2.0	1.1	3.1	1.2	1.3	0.7	1.1	3.1	0.7	1.0
2010	0.9	2.1	1.9	1.0	3.0	1.2	1.2	0.7	1.1	3.0	0.7	1.0
2015	0.9	2.0	1.8	0.9	2.7	1.1	1.1	0.6	1.0	2.8	0.6	0.9
2020	0.8	1.9	1.6	0.9	2.4	1.0	1.1	0.6	0.9	2.5	0.6	0.8
<u>Resource/Facility Requirements***</u> (Fields)												
2010	9	4	8	12	10	25	5	15	9	20	17	125
2015	34	12	27	45	38	90	19	56	34	74	63	453
2020	59	19	45	75	64	153	32	97	57	124	108	778

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Table 5.28
Demand and Need Summary By Region
Golf
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	15.2	11.5	13.4	21.9	21.6	20.1	16.4	24.5	23.7	27.2	19.2	19.4
Tourists	9.3	<0.1	9.5	10.1	11.8	7.1	15.7	10.2	18.1	20.8	8.3	9.6
Total Participants**												
2007	1,065,488	53,602	142,232	946,219	375,070	2,227,025	456,175	1,698,626	1,658,111	2,035,751	2,067,581	11,671,457
2010	1,105,006	55,259	147,211	983,337	391,032	2,314,778	473,041	1,756,246	1,726,414	2,113,079	2,132,629	12,102,669
2015	1,208,284	58,581	159,286	1,080,731	433,189	2,545,138	517,728	1,908,119	1,905,386	2,316,825	2,303,950	13,232,888
2020	1,319,849	61,468	171,448	1,181,594	475,861	2,786,091	564,497	2,065,767	2,093,623	2,531,829	2,483,689	14,417,208
Levels of Service												
(Holes/1,000 Participants)												
2007	0.9	5.0	1.5	1.3	1.9	0.9	2.3	1.2	1.4	1.6	1.1	1.4
2010	0.9	4.9	1.5	1.3	1.8	0.9	2.2	1.2	1.4	1.6	1.1	1.4
2015	0.8	4.6	1.4	1.1	1.6	0.8	2.0	1.1	1.2	1.4	1.0	1.3
2020	0.7	4.4	1.3	1.0	1.5	0.8	1.9	1.0	1.1	1.3	1.0	1.2
Resource/Facility Requirements***												
(Holes)												
2010	36	8	8	48	30	83	39	71	98	126	75	617
2015	128	25	26	176	109	301	142	259	353	459	271	2,234
2020	229	40	44	307	189	529	250	453	622	810	477	3,929

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Outdoor Recreation in Florida, 2008

Table 5.29
Demand and Need Summary By Region
Outdoor Handball/Racquetball
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
<u>Percent of Participation*</u>												
Residents	4.1	4.6	5.4	5.0	4.2	6.8	3.6	5.4	2.8	3.9	6.9	4.8
Tourists	<0.1	<0.1	<0.1	1.1	<0.1	0.2	<0.1	<0.1	0.8	<0.1	0.6	0.3
<u>Total Participants**</u>												
2007	37,969	21,731	26,755	144,343	32,167	264,312	27,745	155,794	98,656	71,927	388,895	1,157,258
2010	39,033	22,402	27,586	150,061	33,707	275,192	28,665	160,085	102,989	74,555	398,657	1,197,340
2015	41,770	23,749	29,373	165,080	37,810	303,888	31,189	171,545	114,354	81,622	424,582	1,302,606
2020	44,304	24,920	30,895	180,187	41,608	331,373	33,472	182,142	125,857	88,159	450,080	1,404,188
<u>Levels of Service</u>												
(Courts/1,000 Participants)												
2007	1.4	4.1	2.7	0.6	3.0	1.2	3.1	1.3	0.9	4.5	1.3	1.6
2010	1.3	4.0	2.6	0.5	2.9	1.1	3.0	1.3	0.8	4.3	1.3	1.6
2015	1.2	3.7	2.5	0.5	2.6	1.0	2.8	1.2	0.7	3.9	1.2	1.5
2020	1.2	3.6	2.4	0.4	2.4	0.9	2.6	1.1	0.7	3.6	1.1	1.4
<u>Resource/Facility Requirements***</u>												
(Courts)												
2010	1	3	2	3	5	13	3	6	4	12	13	66
2015	5	8	7	12	17	47	11	21	14	43	46	240
2020	9	13	11	20	29	80	18	34	23	72	79	407

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Table 5.30
Demand and Need Summary By Region
Outdoor Shuffleboard
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	1.3	1.5	1.5	0.3	6.2	5.0	6.2	2.9	6.2	4.6	2.5	3.4
Tourists	2.7	<0.1	4.8	2.8	2.9	2.4	5.9	4.7	6.2	2.0	2.8	2.9
Total Participants**												
2007	284,065	7,244	45,634	174,399	99,953	696,160	171,499	536,741	535,621	233,288	519,460	3,064,403
2010	294,866	7,467	47,333	181,115	104,240	723,454	177,838	556,477	557,408	242,097	537,584	3,179,177
2015	323,129	7,916	51,669	198,701	115,569	795,065	194,635	608,267	614,487	265,379	585,162	3,479,879
2020	353,986	8,307	56,300	217,919	126,967	870,714	212,209	664,025	674,982	289,483	636,302	3,800,054
Levels of Service												
(Courts/1,000 Participants)												
2007	0.4	1.9	1.1	0.6	2.3	1.4	3.8	2.2	1.1	1.9	1.0	1.6
2010	0.3	1.9	1.1	0.6	2.2	1.4	3.7	2.1	1.0	1.8	1.0	1.5
2015	0.3	1.8	1.0	0.5	2.0	1.2	3.4	1.9	0.9	1.6	0.9	1.4
2020	0.3	1.7	0.9	0.5	1.8	1.1	3.1	1.7	0.9	1.5	0.8	1.3
Resource/Facility Requirements***												
(Courts)												
2010	4	0	2	4	10	39	24	42	23	16	18	181
2015	14	1	7	14	37	141	88	154	85	60	66	656
2020	25	2	12	25	63	249	156	274	150	104	118	1,161

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Outdoor Recreation in Florida, 2008

Table 5.31
Demand and Need Summary By Region
Outdoor Swimming Pool Use
2007-2020

Regions												State Total
West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South		
Percent of Participation*												
Residents	41.3	36.2	42.4	46.7	53.6	60.8	39.1	60.8	60.3	60.1	56.7	50.7
Tourists	57.4	37.5	33.3	50.0	51.5	59.1	45.1	51.6	62.7	57.7	58.9	56.8
Total Participants**												
2007	6,095,879	782,678	476,152	3,742,672	1,332,254	15,107,133	1,247,777	6,773,791	5,412,368	5,362,389	11,258,626	57,135,098
2010	6,326,369	811,502	492,907	3,888,166	1,387,312	15,694,510	1,294,153	7,015,153	5,632,074	5,566,494	11,648,965	59,286,223
2015	6,929,292	883,746	533,723	4,269,531	1,532,368	17,234,121	1,416,829	7,649,579	6,207,658	6,103,707	12,673,886	64,921,226
2020	7,585,995	960,601	575,056	4,675,134	1,682,610	18,887,544	1,546,048	8,323,274	6,818,445	6,674,250	13,774,025	70,957,173
Levels of Service (Pools/1,000 Participants)												
2007	0.02	0.06	0.10	0.04	0.07	0.02	0.11	0.04	0.05	0.04	0.03	0.04
2010	0.02	0.06	0.10	0.04	0.06	0.02	0.11	0.04	0.05	0.04	0.03	0.03
2015	0.02	0.05	0.09	0.03	0.06	0.02	0.10	0.04	0.04	0.04	0.03	0.03
2020	0.02	0.05	0.08	0.03	0.05	0.02	0.09	0.03	0.04	0.03	0.03	0.03
Resource/Facility Requirements*** (Pools)												
2010	4	2	2	5	4	12	5	10	11	9	14	78
2015	16	6	6	19	13	45	19	37	39	32	50	282
2020	29	10	10	34	23	80	33	65	69	56	88	500

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Table 5.32
Demand and Need Summary By Region
Soccer/Rugby
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	10.3	5.9	5.7	12.1	5.2	8.3	4.4	8.3	5.9	8.8	8.9	7.8
Tourists	<0.1	2.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	0.4	<0.1	0.9	0.3
Total Participants**												
2007	94,922	61,591	28,030	184,453	39,590	334,500	34,681	238,884	119,293	163,471	519,693	1,700,593
2010	97,581	63,752	28,900	191,950	41,485	348,231	35,831	245,463	125,014	169,443	533,000	1,758,915
2015	104,424	68,888	30,772	211,697	46,536	384,436	38,987	263,036	140,030	185,504	568,315	1,912,136
2020	110,760	74,133	32,367	230,049	51,210	419,311	41,840	279,285	154,480	200,362	603,272	2,057,986
Levels of Service (Fields/1,000 Participants)												
2007	1.5	1.1	6.1	0.7	2.9	0.9	2.2	1.0	0.8	1.9	0.6	1.1
2010	1.5	1.1	5.9	0.7	2.8	0.9	2.2	0.9	0.7	1.8	0.5	1.1
2015	1.4	1.0	5.5	0.6	2.5	0.8	2.0	0.9	0.7	1.7	0.5	1.0
2020	1.3	0.9	5.3	0.6	2.3	0.7	1.9	0.8	0.6	1.5	0.5	0.9
Resource/Facility Requirements*** (Fields)												
2010	4	2	5	5	6	12	3	6	4	5	7	60
2015	14	8	17	20	20	44	10	23	16	18	27	217
2020	24	14	26	33	34	75	16	39	27	30	46	367

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

Outdoor Recreation in Florida, 2008

Table 5.33
Demand and Need Summary By Region
Outdoor Tennis
2007-2020

	Regions											State Total
	West	Apalachee	North Central	Northeast	Withlacoochee	East Central	Central	Tampa Bay	Southwest	Treasure Coast	South	
Percent of Participation*												
Residents	10.9	9.3	7.2	12.1	7.2	12.4	8.4	12.2	11.3	13.8	18.7	11.0
Tourists	2.2	<0.1	<0.1	0.6	1.5	2.1	2.0	2.9	5.0	6.0	4.6	2.3
Total Participants**												
2007	317,427	43,461	35,674	218,531	80,906	857,402	106,876	636,664	531,941	699,864	1,495,195	3,989,198
2010	328,595	44,805	36,781	227,338	84,530	891,677	110,637	657,295	554,557	726,291	1,538,600	4,132,557
2015	357,706	47,498	39,164	250,517	94,140	981,795	120,759	711,821	613,841	796,136	1,653,233	4,508,623
2020	388,410	49,839	41,194	272,632	103,492	1,073,389	130,707	767,157	675,022	868,450	1,770,998	4,889,560
Levels of Service												
(Courts/1,000 Participants)												
2007	1.5	5.1	5.5	2.8	2.8	1.5	3.5	2.1	1.7	2.1	1.4	2.3
2010	1.5	4.9	5.3	2.7	2.6	1.5	3.4	2.0	1.6	2.1	1.4	2.2
2015	1.4	4.6	5.0	2.5	2.4	1.3	3.1	1.9	1.5	1.9	1.3	2.1
2020	1.3	4.4	4.8	2.3	2.2	1.2	2.9	1.7	1.4	1.7	1.2	1.9
Resource/Facility Requirements***												
(Courts)												
2010	17	7	6	25	10	52	13	43	39	56	62	334
2015	62	20	19	90	37	188	49	157	141	205	225	1,208
2020	109	32	30	153	63	326	85	273	246	359	392	2,095

* Percent of participation represents the percentage of residents and tourists who participated in activity at least one time during the year.

** Total participants represents the combined number of residents and tourists who participated in activity at least one time during the year.

*** Resource/facility requirements represents the amount of additional resources and facilities that are needed to maintain 2007 levels of service through the projected years.

BOLD type represents regions with levels of service below the statewide median.

