

1999 Missouri State Parks Visitor Surveys

Project Completion Report

Submitted to

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Prepared by

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Introduction

NEED FOR RECREATION RESEARCH

In 1939, 15 years after Missouri obtained its first state park, 70,000 visitors were recorded visiting Missouri's state parks (Masek, 1974). Today, the increase in demand for outdoor recreation experiences has given rise to over 16 million visitors who, each year, visit the 80 parks and historic sites in Missouri's state park system (Holst & Simms, 1996). Along with this increase in demand for outdoor recreation experiences are other highly significant changes in outdoor recreation. Some of these changes include a change in the nature of vacations with a trend toward shorter, more frequent excursions; an increasing diversity of participation patterns across groups; an increase in more passive activities appropriate for an aging population; an increased concern for the health of the environment; and a realization of the positive contributions the physical environment has on the quality of one's life (Driver, Dustin, Baltic, Elsner, & Peterson, 1996; Tarrant, Bright, Smith, & Cordell, 1999).

Societal factors responsible for these changes in the way Americans recreate in the outdoors include an aging population; a perceived decline in leisure time and a faster pace of life; geographically uneven population growth; increasing immigration; changes in family structures, particularly an increase in single-parent families; increasing levels of education; a growth in minority populations; and an increasing focus on quality "lifestyle management" (Driver et al., 1996;

Tarrant et al, 1999). These factors and their subsequent changes in outdoor recreation participation have important implications for recreation resource managers, who are now faced with recreation resource concerns that are "...people issues and not resource issues alone (McLellan & Siehl, 1988)." This growing social complexity combined with the changes it has created in outdoor recreation participation have given rise to the need for research exploring why and how people recreate in the outdoors as well as how these individuals evaluate the various aspects of their outdoor recreation experiences.

STUDY PURPOSE

Visitor satisfaction tends to be a primary goal of natural resource recreation managers (Peine, Jones, English, & Wallace, 1999) and has been defined as the principal measure of quality in outdoor recreation (Manning, 1986). Visitor satisfaction, however, can be difficult to define because individual visitors are unique. Each visitor may have different characteristics, cultural values, preferences, attitudes, and experiences that influence their perceptions of quality and satisfaction (Manning, 1986).

Because of these differences in visitors, a general "overall satisfaction" question alone could not adequately evaluate the quality of visitors' experiences when they visit Missouri's state parks and historic sites. For this reason, it is necessary to gather additional information about visitor satisfaction through questions regarding: a) visitors'

socio-demographic characteristics; b) visitors' satisfaction with programs, services and facilities; c) visitors' perceptions of safety; and d) visitors' perceptions of crowding. Thus, the purpose of this study is to gain information, through these and other questions, about the use patterns, sociodemographic characteristics, and satisfaction with park programs, facilities, and services of visitors to ten of Missouri's state parks. This report compares the results of the visitor surveys conducted at Babler Memorial State Park, Big Lake State Park, Finger Lakes State Park, Lake of the Ozarks State Park, Long Branch State Park, Pershing State Park, Table Rock State Park, Trail of Tears State Park, Harry S Truman State Park, and Wakonda State Park.

STUDY AREAS

Babler Memorial State Park

Located in St. Louis County, Babler Memorial State Park (BMSP) provides an oasis of greenspace in a growing suburban area of the St. Louis metropolitan region. Nearly 2,500 acres of a heavily wooded landscape with a campground and a riding stable, Babler also provides amenities more typical of urban parks: a swimming pool, picnic areas, a tennis court, and biking and hiking trails. Babler is also unique in its providing a camp for campers with special needs, the Jacob L. Babler Outdoor Education Center.

Big Lake State Park

Located in Holt County in the extreme northwest corner of Missouri, Big Lake State Park (BLSP) lies along side the oxbow Big Lake, providing a wonderful recreational opportunity for fishermen. In the path of a major migratory flyway and near Squaw Creek National Wildlife Refuge, Big Lake is also a paradise for birdwatchers. The park also provides many other amenities for recreationists, including a campground, picnic areas and playground, a swimming pool, rental cabins, a motel, and a restaurant and park store.

Finger Lakes State Park

Once an area strip-mined for coal, Finger Lakes State Park (FLSP) provides a successful example of the reclamation of lands for recreation. Ten miles north of Columbia in Boone County, Finger Lakes offers many outdoor recreational opportunities including fishing, canoeing, boating, and swimming in the several finger lakes. As with most state parks, a campground and picnic areas are also to be found in the park, but Finger Lakes' most unique recreational opportunity is not one associated with the majority of Missouri's state parks. The park's once ravaged landscape has become one of the most popular places in which to ride all-terrain-vehicles (ATVs) and off-road-vehicles (ORVs). To accommodate this popularity, the park has many miles of trails specifically designated for ATV and ORV use, as well as a motocross track for races.

Lake of the Ozarks State Park

Located in the middle of perhaps one of the most intensively developed and most commercial of Missouri's tourism landscapes, Lake of the Ozarks State Park (LOSP) remains true to its natural setting and provides an alternative to the visitor seeking to escape the surrounding tourist attractions. The largest park in the state park system with over 17,000 acres surrounding Lake of the Ozarks, LOSP offers many recreational facilities: picnic areas, swimming beaches, campgrounds, camp store, marina, boat launches, horseback riding stables, hiking and riding trails, and camper cabins. Nearby Ozark Caverns offers guided tours of the cave, a visitor center, and a self-guided nature trail through Coakley Hollow Natural Area.

Long Branch State Park

Set amongst woodland and restored prairie, Long Branch State Park borders the 2,450-acre Long Branch Lake well known for its great fishing opportunities. Besides fishing, Long Branch also offers access for boating, a swim beach, camping, picnicking, and an exercise trail along the lake. At one time, a marina was also located on the lake in the park, but has since been closed. Park managers concerned with providing enjoyable recreational experiences to visitors are interested in determining how important a marina is to Long Branch's visitors. For this reason, a question regarding the importance of the marina was included on the questionnaire for the 1999 Long Branch State Park Visitor Survey.

Pershing State Park

Pershing State Park (PSP), located in Linn County near Laclede, is perhaps one of the most unique parks in the Missouri state park system. Locust Creek runs through Pershing State Park and contributes to its uniqueness by being one of the few remaining unchannelized larger streams in Missouri. Also located in the park are wetlands consisting of swamps, marshes, and a wet prairie. Pershing offers camping, picnicking, swimming, and

fishing as well as an archery range and a 1.5 mile interpretive boardwalk accessing the wetland area.

Table Rock State Park

Just north of the Arkansas border, Table Rock State Park (TRSP) is located on Table Rock Lake. The park's proximity to Branson, Missouri makes it a popular spot for visitors both from Missouri and from other states. Because of this popularity, TRSP offers many unique amenities, among them a full-service marina with a dive shop, boat rentals, and parasailing equipment. Use of the marina has increased to such an extent that a proposal for marina expansion is currently being considered. This proposal was brought to the attention of TRSP visitors, who were asked to voice their opinion of the proposal during the 1999 Table Rock State Park Visitor Survey.

Trail of Tears State Park

Located along the Mississippi River in Cape Girardeau County, Trail of Tears State Park (TTSP) contains many beautiful hardwood species typical of the Ozarks but also contains a type of forest more characteristic of the forests found in the Appalachian Mountains. This forest diversity, along with its location along the Mississippi River, makes Trail of Tears a prime recreational area with its campground, boating and fishing accesses to the river and Lake Boutin, swimming beach, picnic areas, trails, and overlooks. The park also offers a visitor center with exhibits interpreting the rich natural and cultural history of the park, particularly exhibits displaying the history of the infamous Trail of Tears march by the Cherokee Indians.

Harry S Truman State Park

Home to several unique prairie grasses and flowers, the landscape at Harry S Truman State Park (TSP) also provides open woodland and savanna. Combining these diverse landscape types with the vast Truman Lake has created an exceptional recreational area where visitors can camp, picnic, swim, boat, fish, watch wildlife, and enjoy the beautiful natural surroundings. A campground, swimming beaches, boat ramps, picnic areas, and a full-service marina are all offered in the park.

Wakonda State Park

Located in northeast Lewis County, Wakonda State Park (WSP) lies along side the Mississippi River just west of the Illinois border. The park offers many different recreational opportunities, with its several lakes, sand prairies, and large sandy beach.
Recreationists are able to fish, bird watch, boat, camp, picnic, swim, and participate in a variety of beach sports.
Wakonda also offers some unique amenities not typical of most other state parks, including boat and canoe rentals, a food concession, and RV rentals.

SCOPE OF STUDY

The population of the visitor study at the ten state parks consisted of all visitors who were 18 years of age or older (adults), and who visited these areas from June to October 1999. The results of this study only reflect visitors during the study period.

Methodology

The following is a brief description of the methodology used during the 1999 Missouri State Parks Visitor Survey. For a more complete explanation of the methodology used at each state park, please refer to their individual reports (Fredrickson & Vessell, 1999a, 1999b, 2000a, 2000b, 2000c, 2000d, 2000e, 2000f, 2000g, 2000h).

SAMPLING PROCEDURES

A 95% confidence interval was chosen for each park. Margins of error ranged from plus or minus 5% to plus or minus 9% based on the sample sizes from each park survey. The study period for the 1999 Missouri State Parks Visitor Survey was from June 1 to October 31, 1999. A random sample of adult visitors (18 years of age and older) who visited the ten state parks during the study period were the respondents for this study.

Three time slots were chosen for surveying: Time Slot 1 = 8 a.m. -12p.m., Time Slot 2 = 12 p.m. -4 p.m., and Time Slot 3 = 4 p.m. - 8 p.m. A time slot was randomly chosen for each of the ten parks and assigned to the first of the scheduled survey dates for those parks. Thereafter, time slots were assigned in ranking order based on the first time slot. This method was chosen to allow each of the three time slots to be surveyed approximately the same number of times during the study period. This method was also chosen to allow visitors leaving the parks at various times of the day an equal opportunity for being sampled.

QUESTIONNAIRE

The questionnaires used in this study were based on the questionnaire developed by Fink (1997) for the Meramec State Park Visitor Survey. Copies of the questionnaires for this study are provided in Appendix A.

SELECTION OF SUBJECTS

The surveys of visitors during the 1999 Missouri State Parks Visitor Survey were administered on-site, to eliminate the non-response bias of a mail-back survey. Where possible, exit surveys were conducted of visitors leaving the various parks. At these parks, a systematic sampling of all adults in every *n*th vehicle (pre-determined by past years' visitation data) was conducted as the vehicles exited. Exit surveys were conducted at the following state parks: Babler, Big Lake, Finger Lakes, Long Branch, Table Rock, Trail of Tears, and Wakonda.

Because an exit survey was not always feasible at every park due to dangerous traffic, lack of areas for pulling over vehicles, multiple exits, etc., on-site surveys of identified recreation areas within these parks were conducted. Onsite, roving surveys were conducted at Lake of the Ozarks State Park, Pershing State Park, and Truman State Park. Exit surveys, however, provide the most robust sampling strategy to precisely define the visitor population (Peine, et al., 1999). It is recommended, therefore, that exit surveys be conducted at other state parks and historic sites if at all possible.

DATA COLLECTION

The surveyors wore state park T-shirts or state park identification and were either stationed at the entrances into the various parks or recreation areas or walked roving routes between the recreation areas at the parks. During the selected time slot, the surveyors asked every visitor who was 18 years of age and older and in the exiting vehicles or at the various recreation areas to voluntarily complete the questionnaire, unless he or she had previously filled one out.

To increase participation rates, respondents were given the opportunity to enter their name and address into a drawing for a prize package and were assured that their responses to the survey questions were anonymous and would not be attached to their prize entry form. Willing participants were then given a pencil and a clipboard with the questionnaire and prize entry form attached. Once respondents were finished, the surveyors collected the completed forms, clipboards, and pencils. Survey protocol is given in Appendix B and a copy of the prize entry form is provided in Appendix C.

Observation surveys were also conducted to obtain additional information about: date, day, time slot, and weather conditions of the survey day; the number of adults and children in each group of survey participants; and the number of individuals asked to fill out the questionnaire, whether they were respondents, non-respondents, or had already participated in the survey. This number was used to calculate response rate, by dividing the number of useable surveys collected by the number of adult visitors asked to complete a

questionnaire. A copy of the observation survey form is provided in Appendix D.

DATA ANALYSIS

The data obtained for the 1999 Missouri State Parks Visitor Survey was analyzed with the Statistical Packages for the Social Sciences (SPSS) (SPSS, 1996). Frequency distributions and percentages of responses to the survey questions were determined. The number of surveys completed by weekday versus weekend, by time slot, and by park was also determined.

Comparisons using independent sample t-tests for each group were also made to determine any statistically significant differences (p<.05) in the following selected groups' satisfaction with park features, ratings of park attributes, overall satisfaction, and perceptions of crowding. The selected groups include:

- 1. First time visitors versus repeat visitors.
- 2. Overnight visitors versus dayusers. Day-users include both day-users and the overnight visitors who did not stay overnight in the ten parks. Overnight visitors include those visitors who stayed overnight in the parks, whether they were camping or staying in other facilities within the parks.
- 3. Weekend visitors versus weekday visitors. Weekend visitors were surveyed on Saturday and Sunday, weekday visitors were surveyed Monday through Friday.

Other comparisons were made using independent sample t-tests to determine

in any statistically significant differences in visitors who rated the parks as excellent on being safe versus visitors who rated the parks good, fair, or poor on being safe, for the following categories:

- 1. First time versus repeat visitors.
- 2. Overnight visitors versus dayusers.
- 3. Weekend versus weekday visitors.

Differences between visitors who rated the parks as excellent on being safe versus those who did not were also compared on the following questions: differences in socio-demographic characteristics, differences in perceptions of crowding, measures of satisfaction with park features, measures of performance of park attributes, and overall satisfaction. Chi-square tests were conducted comparing responses between select groups regarding support for a reservation system and support for a "carry in and carry out" trash system. The selected groups include:

- 1. First time versus repeat visitors.
- 2. Overnight visitors versus dayusers.
- 3. Weekend versus weekday visitors.

An additional independent sample t-test compared overall satisfaction between visitors who felt some degree of crowding and visitors who were not at all crowded.

Results and Discussion

This section describes the results of the 1999 Missouri State Parks Visitor Survey. For a more in-depth examination of the results from the ten state park surveys, see the individual reports of each survey (Fredrickson & Vessell, 1999a, 1999b, 2000a, 2000b, 2000c, 2000d, 2000e, 2000f, 2000g, 2000h). This section also provides relevant management implications and future research suggestions.

SURVEYS COLLECTED & RESPONSE RATES

A total of 2,054 surveys were collected during the 1999 Missouri State Parks Visitor Survey. Table 1 shows the number of surveys collected at each state park. The overall response rate was 66.6%. Overall response rates ranged from 46% to 97%.

Of the 2,054 surveys collected, 1,350 (65.8%) were collected on the weekends (Saturday and Sunday), and 703 (34.2%) were collected on the weekdays (Monday through Friday). Table 2

shows the frequency and percentage of surveys collected during each of the three time slots.

PROFILE OF VISITORS

Table 3 lists the socio-demographic characteristics of the visitors to the ten state parks.

When grouped into four categories, 27.6% of the adult visitors to the ten parks were between the ages of 18-34, 45.6% were between the ages of 35-54, 14.2% were between the ages of 55-64, and 12.6% were 65 years of age or older. The average age of all adult visitors to the ten parks was 44.7, with visitors to Finger Lakes State Park having the lowest average age (36.5) and visitors to Big Lake State Park having the highest average age (53.4). This difference in age may be due in part to the recreational resources at Finger Lakes State Park attracting younger visitors and the recreational resources at Big Lake State Park attracting older visitors and retirees.

Table 1. Surveys Collected by State Park

Park	Frequency	Percent
Babler	394	19.2%
Big Lake	123	6.0%
Finger Lakes	205	10.0%
Lake of the Ozarks	200	9.7%
Long Branch	301	14.7%
Pershing	130	6.3%
Table Rock	207	10.1%
Trail of Tears	144	7.0%
Truman	138	6.7%
Wakonda	212	10.3%
Total	2,054	100%

Visitors were more male than female, with males comprising 55.4% of all visitors and females comprising 44.6% of all visitors. Over one-third (36.1%) of all visitors indicated having completed vocational school (7.6%) or some college (28.5%) as the highest level of education completed. Another third (34.6%) indicated having completed grade school (2.7%) or high school (31.9%). Less than one-third (29.2%) of visitors indicated having completed a four-year college degree (15.4%) or post-graduate education (13.8%).

Visitors to Babler State Park had the highest level of education, with over half (55.5%) of the visitors to Babler reporting having completed a four-year degree or post-graduate education. Visitors to Wakonda State Park had the lowest level of education, with almost half (48%) reporting grade school or high school as the highest level of education completed.

Most visitors (40.2%) reported having an annual income of between \$25,000 and \$50,000. Twenty-three percent (22.6%) of visitors reported an annual income of between \$50,000 and \$75,000. About 19% (18.9%) of visitors reported an annual income of less than \$25,000, and 18.3% reported an income of over \$75,000.

Babler State Park visitors reported having higher annual incomes when compared to the other parks. Two-thirds (64.1%) of Babler State Park visitors indicated having a household income of over \$50,000. Babler's location within the St. Louis metropolitan area and the high percentage of its visitors with four-year degrees or post-graduate education

Table 2. Surveys Collected by Time Slot

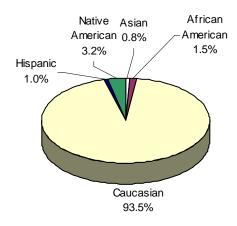
Time Slot	Frequency	Percent
1. 8 a.m12 p.m.	604	29.4%
2. 12 p.m4 p.m.	802	39.1%
3. 4 p.m8 p.m.	647	31.5%
Total	2,054	100%

combine to account for the higher level of household incomes of Babler visitors.

The vast majority (93.0%) of visitors to the parks was Caucasian in ethnic background, whereas 3.2% reported to be Native American, 1.5% were African American, 1.0% were Hispanic, and less than 1% (.8%) were Asian. Figure 1 depicts the ethnic origin of visitors during the 1999 Missouri State Parks Visitor Survey.

Six percent (6%) of all visitors indicated having some type of disability that substantially limited one or more life activities or that required special accommodations. Big Lake State Park had the highest percentage (10.3%) of

Figure 1. Ethnic Origin of 1999 Missouri State Park Visitors



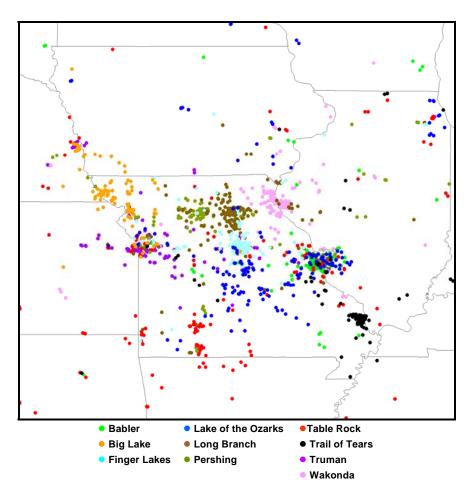


Figure 2. Residence of Visitors by Zip Code.

visitors who reported some type of disability. This higher percentage may be related to the older age of visitors to Big Lake.

The majority (74.9%) of visitors to the ten state parks was from Missouri, with 9.1% of the visitors from Illinois, 2.8% from Iowa, 2.4% from Kansas, and 2.2% from Nebraska. Figure 2 shows the residence of visitors by zip code. Over half (52%) of Wakonda's visitors were from out of state, almost half (46%) of Table Rock's visitors were from out of state, and over one-third (38%) of Big Lake's visitors were from out of state. Truman and Lake of the Ozarks also had

one-third (36% and 33% respectively) of their visitors from other states.

DSP has expressed an interest in classifying visitors by their residence in Metropolitan Statistical Areas (MSA). The first attempt to classify state park visitors by their MSA was made with the 1999 Missouri State Parks Visitor data. While knowledge of visitor residence is potentially valuable, the profile of cumulative state park visitation is more relevant. It is recommended that visitor data from the 1997, 1998, and future visitor survey data also be profiled for MSA residence.

Missouri has an overall population of approximately 5,468,000 residents, over two-thirds (68%) of whom live within a MSA (U.S. Census Bureau, 1999). St. Louis and Kansas City MSA residents account for almost 60% (59%) of Missouri residents (this includes Missouri residents only, and not the Kansas residents who live within the Kansas City MSA and the Illinois residents who live within the St. Louis MSA). Over one-third (35.8%) of Missouri residents alone live within the St. Louis MSA, and 23% live within the Kansas City MSA (Missouri State Census Data Center [MSCDC], 1998).

While about half (49.4%) of the 1999 Missouri State Park visitors were from non-metropolitan areas, 30.8% were from the St. Louis Metropolitan Statistical Area, 9.5% were from the Columbia MSA, and 6.9% were from the Kansas City MSA. One percent (1.3%) of the visitors were from the St. Joseph MSA, and 1.3% were from the

Springfield MSA. Less than 1% (0.6%) of the visitors were from the Joplin MSA. Thirteen percent (13.4%) of the Illinois visitors were from the St. Louis MSA, and over half (54.3%) of the Kansas visitors were from the Kansas City MSA. Figure 3 shows the percentage of visitor residence in MSAs.

The high percentage of 1999 visitors from the St. Louis MSA may be accounted for by the visitors from Babler State Park (located within the St. Louis MSA). Of the 1999 parks surveyed, Babler State Park visitors accounted for 72.3% and Lake of the Ozarks visitors accounted for 12% of visitors from the St. Louis MSA. Visitors from Truman State Park accounted for 44.7%, Table Rock visitors accounted for 13%, and Big Lake visitors accounted for 11.4% of the visitors from the Kansas City MSA.

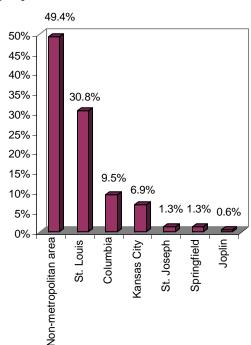


Figure 3. Percentage of 1999 Missouri State Park Visitor Residence in MSAs

Table 3. Socio-demographic Characteristics of the 1999 Missouri State Parks Adult Visitor by Park

	Mean					Disabled	
	Age	Gender	Education	Annual Income	Ethnic Origin	Visitors	Residence
Babler	43	52.2% male	14.7% high school or less	8.7% <\$25,000	92.2% Caucasian	3.9%	89.4% MO
		47.8% female	29.8% voc. school/some college	27.2% \$25-50,000	2.6% Hispanic		2.3% IL
			55.5% 4-yr. degree/post-graduate	26.7% \$50-75,000	1.8% African American		
				37.4% >\$75,000	1.3% Native American*		
					1.0% Asian		
Big Lake	53.4	51.3% female	42.0% high school or less	17.5% <\$25,000	91.5% Caucasian	10.3%	61.1% MO
		48.7% male	43.0% voc. school/some college	46.5% \$25-50,000	6.8% Native American*		20.4% NE
			15.0% 4-yr. degree/post-graduate	15.8% \$50-75,000	0.9% African American		8.0% IA
				20.2% >\$75,000			7.1% KS
Finger Lakes	36.5	68.4% male	33.0% high school or less	27.5% <\$25,000	88.8% Caucasian	5.8%	88.8% MO
C		31.6% female	40.3% voc. school/some college	48.0% \$25-50,000	5.9% Native American*		2.8% IL
			26.7% 4-yr. degree/post-graduate	15.5% \$50-75,000	3.2% African American		2.8% TX
			,	8.8% >\$75,000	1.1% Asian		
				, , , , , , , , , , , , , , , , , , , ,	1.1% Hispanic		
Lake of the	45.2	59.8% male	29.9% high school or less	16.1% <\$25,000	95.9% Caucasian	6.8%	66.8% MO
Ozarks		40.2% female	43.7% voc. school/some college	33.9% \$25-50,000	2.1% Asian	0.070	12.4% IL
OZUIKS		40.270 Telliare	26.4% 4-yr. degree/post-graduate	32.2% \$50-75,000	1.0% Native American*		6.7% IA
			20.470 4 yr. degree/post graduate	17.8% >\$75,000	0.5% Hispanic		0.770 111
Long Branch	47	53.6% male	47.4% high school or less	25.9% <\$25,000	89.5% Caucasian	8.2%	87.9% MO
Long Branch	47	46.4% female	31.7% voc. school/some college	39.1% \$25-50,000	7.3% Native American*	0.270	5.3% IL
		40.470 Telliale	21.0% 4-yr. degree/post-graduate	17.7% \$50-75,000	1.5% African American		2.7% IA
			21.0% 4-yr. degree/post-graduate	17.3% >\$75,000	1.5% African American 1.1% Asian		2.7% IA
				17.3% >\$73,000	0.7% Hispanic		
Pershing	43.9	56.3% female	43.7% high school or less	29.1% <\$25,000	95.2% Caucasian	5.6%	83.5% MO
reisiilig	43.9	43.7% male	32.8% voc. school/some college	39.3% \$25-50,000	2.4% Native American*	3.0%	8.3% IL
		43.7% Illale	23.5% 4-yr. degree/post-graduate	22.2% \$50-75,000			2.5% NE
			25.5% 4-yr. degree/post-graduate	9.4% >\$75,000	1.6% African American 0.8% Hispanic		2.3% NE
Table Rock	48.1	60.3% male	28.3% high school or less	15.0% <\$25.000	95.0% Caucasian	4.6%	53.5% MO
Table Rock	46.1	39.7% female	41.4% voc. school/some college		1.5% African American	4.0%	8.0% AR
		39.7% Temale		36.7% \$25-50,000			
			30.3% 4-yr. degree/post-graduate	28.9% \$50-75,000	1.5% Native American*		7.5% IL
				19.4% >\$75,000	1.0% Asian		4.8% OK
m 11 6m	40.5	70.00 / 1	20.5% 1:1 1 1 1	24.40/ #25.000	0.5% Hispanic	2.50/	55.00/ 3.50
Trail of Tears	40.5	58.2% male	38.5% high school or less	24.4% <\$25,000	91.2% Caucasian	3.7%	75.2% MO
		41.8% female	35.6% voc. school/some college	44.1% \$25-50,000	3.6% Native American*		7.0% IL
			25.9% 4-yr. degree/post-graduate	23.6% \$50-75,000	2.9% African American		3.1% FL
				7.9% >\$75,000	0.7% Hispanic		
Truman	50.9	52.4% male	44.3% high school or less	10.3% <\$25,000	97.0% Caucasian	8.3%	64.0% MO
		47.6% female	38.4% voc. school/some college	52.1% \$25-50,000	3.0% Native American*		16.0% KS
			17.3% 4-yr. degree/post-graduate	21.4% \$50-75,000			5.6% NE
				16.2% >\$75,000			
Wakonda	43.2	52.8% male	48.0% high school or less	23.9% <\$25,000	97.0% Caucasian	5.1%	48.0% MO
		47.2% female	35.3% voc. school/some college	55.4% \$25-50,000	1.0% African American		43.0% IL
			16.7% 4-yr. degree/post-graduate	16.3% \$50-75,000	1.0% Native American*		4.5% IA
				4.3% >\$75,000	0.5% Hispanic		

^{*} The percentage of visitors reporting to be of Native American descent does not reflect the actual population of Native Americans in Missouri and, except in the case of Trail of Tears State Park, may be due in part to the confusion of visitors regarding the phrase "Native American Indian" on the questionnaire. Visitors also may not understand the phrase "Caucasian/White". It is recommended that the question be reworded to read "White" and "American Indian".

USE PATTERNS

Trip Characteristics

The majority (76.1%) of visitors to the ten state parks traveled less than a day's drive to visit the parks (a day's drive is defined as 150 miles or less, not exceeding 300 miles round trip). Of those traveling less than a day's drive, 71.9% lived within 50 miles of the parks they were visiting. In fact, over half (54%) of the visitors traveling less than a day's drive lived within 25 miles of the parks they were visiting. The average number of miles visitors traveled was 138.2 miles; however, the median number of miles visitors traveled was 39, indicating that half of the visitors traveled less than 39 miles and half traveled more than 39 miles.

Visit Characteristics

Three-fourths (76%) of visitors were repeat visitors. Long Branch State Park had the highest percentage of repeat visitors (85%) and Lake of the Ozarks had the lowest percentage of repeat visitors (62%). The average number of times visitors reported visiting the various parks within the past year was 14.3 times, with a low of 3.5 times (Lake of the Ozarks State Park) and a high of 38.5 times (Long Branch State Park). These differences are due to the fact that Lake of the Ozarks State Park may be viewed by visitors primarily as a destination park for vacationing, whereas Long Branch State Park visitors may visit the park on a daily or weekly basis, particularly to use the exercise trail.

The majority (78.9%) of visitors to the ten state parks visited with family and/or friends, and average group size was

about 1.9 adults and 2.0 children per group.

Across the parks, almost two-thirds (63.1%) of the visitors were day-users while 36.9% of visitors stayed overnight during their visits. Of those visitors staying overnight, 89.1% of overnight visitors stayed in the campgrounds or other facilities within the parks. Average overnight stays were 3.2 nights, but ranged from Table Rock overnight visitors staying an average of 4.1 nights to Wakonda overnight visitors staying an average of 2.5 nights.

An interesting use pattern of visitors to the ten parks is that the majority (65.6%) of campers staying in the campgrounds in the parks reported staying in RVs compared to 34.4% of visitors staying in tents. Research has shown that RV campers tend to be older, between 50-65 years of age (Fruchter & Schau, 1997). Not surprisingly, RV campers from the 1999 Missouri State Parks Visitor Survey were significantly (p<.001) older than tent campers, with an average age of 51.9 compared to 35.9 for tent campers.

This age difference, as well as the higher percentage of campers who camp in RVs, suggest certain management implications for future management of state park campgrounds. This is especially true when considering that Baby Boomers (people 40-55 years of age – one-third of the visitors from the 1999 Missouri State Parks Visitor Survey fall within this age category) already comprise 40% of the RV market (Fruchter & Schau, 1997). And as they age, Baby Boomers are expected to contribute significantly to the anticipated 40% growth in the RV market within the

next ten years (Fruchter & Schau, 1997). As Missouri's population ages, managers can expect to see an increase in the number of RV campers in their state park campgrounds.

Park Classifications

Based on visitor use patterns and zip code distribution, the ten state parks included in the 1999 Missouri State Parks Visitor Survey can be classified into three distinct types of parks. For instance, six of the ten parks were parks whose visitors were primarily day-users who traveled 50 miles or less to visit these parks (Figure 4). Babler, Finger Lakes, Long Branch, Pershing, Trail of Tears, and Wakonda are all included in this category. Most of these parks, with the exception of Pershing, are located near larger towns or cities whose residents may view the parks as virtually local parks and not destination parks.

A second classification of parks includes those parks whose visitors were primarily overnight visitors, the majority of whom traveled less than a day's drive to visit the parks (Figure 5). Parks within this category include Big Lake and Truman. And finally, a third type of parks include those parks whose visitors were primarily overnight visitors but who more frequently traveled greater than 150 miles to reach their destinations (Figure 6). Parks included in this category are both Lake of the Ozarks and Table Rock, parks whose vicinities to other recreational opportunities and attractions bring visitors from farther away, thus increasing the number of those visitors staying overnight.

Figure 4. Local, Day-Use Parks

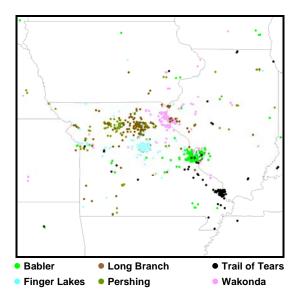


Figure 5. Regional, Destination Parks

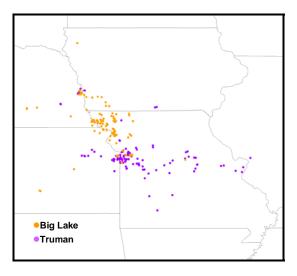
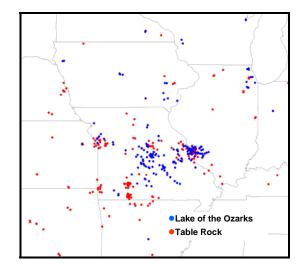


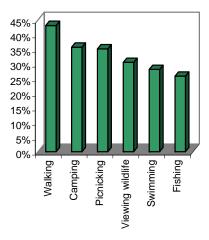
Figure 6. Long-Distance, Destination Parks



Recreation Activity Participation

Although recreation activities differed across the ten state parks, several activities were common to many of the parks. For example, 43.1% of all visitors surveyed indicated that they walked during their visits, 35.7% said they camped, and 35.1% said they picnicked. Thirty percent (30.5%) of visitors reported viewing wildlife during their visits, 28.1% went swimming, and 25.8% participated in fishing. Other activities in which visitors participated were hiking (18.3%), boating (15.7%), studying nature (15.3%), attending a special event (4.4%), and attending an interpretive program (3%). Figure 7 shows the percentage of participation in the six highest recreational activities.

Figure 7. Participation in Recreational Activities



Of note is the small number of visitors who reported attending an interpretive program. When asked how satisfied they were with the interpretive programs or interpretive information provided at the parks, a majority (67.7%) of visitors didn't know how to rate how satisfied they were. A high percentage (42.3%) of visitors also didn't how to rate the

performance of parks providing interpretive programs or interpretive information. These results combined with the low number of visitors attending interpretive programs suggest that visitors are not aware of the interpretive programs and thus do not attend them, or do not associate the word "interpretive" with the information received at the parks.

Visitors may also be confused as to the meaning of the word "interpretive".

Visitors often "interpret" the phrase "interpretive programs/information" to mean programs and services offered to visitors who speak foreign languages, and some visitors also simply do not know the meaning of the word "interpretive" (Beck & Cable, 1998). It is recommended that the wording on the questionnaire be changed to clarify the meaning of "interpretive programs/ information".

SATISFACTION MEASURES

Overall Satisfaction

When asked about their overall satisfaction with their visit, 1% of visitors reported being dissatisfied or very dissatisfied with their visit, whereas 30.7% of visitors were satisfied and 68.3% were very satisfied. Visitors' mean score for overall satisfaction was 3.67, based on a 4.0 scale with 4 being very satisfied and 1 being very dissatisfied. The mean scores for overall satisfaction between the ten parks ranged from 3.83 to 3.44.

Overall, there was no significant difference in satisfaction between first time and repeat visitors, with mean overall satisfaction scores of 3.70 and 3.66. Nor was there a significant

difference in overall satisfaction between weekend (3.66) and weekday (3.70) visitors. Although there was a significant difference (p<.05) in overall satisfaction between overnight visitors and day-users, there was no practical difference in their overall satisfaction scores (3.70 and 3.65 respectively).

Management should be commended that almost 99% of visitors reported being satisfied or very satisfied with their visits. Williams (1989) states that visitor satisfaction with previous visits is a key component of repeat visitation. The high percentage of repeat visitation (76%) combined with their positive comments provide evidence that Missouri State Park visitors are indeed satisfied with their park experiences.

Satisfaction with Park Features

Visitors to each of the state parks were asked to express their satisfaction with various park features. Although these features differed at each of the parks, several features were common to most of the areas: campgrounds, picnic areas,

park signs, trails, swimming areas, boat ramps, and interpretive programs/information. Table 4 lists the mean satisfaction scores of these features for each park. Figure 8 represents the satisfaction scores for each park. Overall, campgrounds were given the highest satisfaction score (3.58) and swimming areas were given the lowest (3.38).

There were no significant differences between weekend and weekday visitors and their satisfaction ratings of the various park features. There was a significant difference (p<.05), however, between first time and repeat visitors. First time visitors were significantly more satisfied (3.48) than repeat visitors (3.36) regarding the swimming areas at the ten state parks.

There were also significant differences between overnight visitors and dayusers. Overnight visitors were significantly (p<.001) more satisfied with the campgrounds than day-users, with satisfaction scores of 3.63 and 3.53 respectively. Overnight visitors were

Picnic Swimming Boat Interpretive Trails Prog./Info. **Campgrounds** Areas Signs Areas Ramps Babler 3.33 3.44 3.54 3.46 3.36* 3.45 3.71* Big Lake 3.67 3.64 3.60 2.98 3.50 Finger Lakes 3.39 3.12** 3.29 3.42 3.42 Lake of the Ozarks 3.51 3.41 3.46 3.42** 3.29 3.61 3.53 Long Branch 3.59 3.59 3.52 3.48 3.50** 3.47 Pershing 3.77 3.64 3.60 3.23** 3.53 Table Rock 3.52 3.45 3.18** 3.43 3.51 3.43 Trail of Tears 3.63 3.60 3.55 3.59 3.34** 3.33 3.61 3.44** Truman 3.72 3.65 3.66 3.53 3.58 3.56 Wakonda 3.53 3.59 3.51** 3.30 3.44 3.58 **Overall** 3.58 3.55 3.48 3.48 3.39 3.47 3.38

Table 4. Satisfaction of Features for Each Park

^{*} Denotes swimming pool.

^{**} Denotes swimming beach or other swimming area.

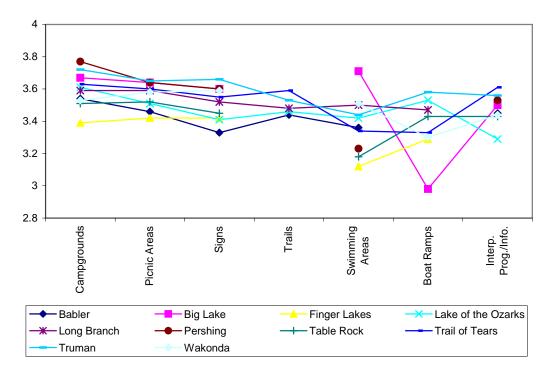


Figure 8. Satisfaction With Park Features (By Park)

also significantly (p<.01) more satisfied with the picnic areas than day-users (3.60 and 3.52 respectively). And finally, overnight visitors were significantly (p<.05) more satisfied with the swimming areas (3.45) than day-users (3.35).

PERFORMANCE RATING

3.53

3.68

3.56

3.63

3.52

3.80

3.60

3.68

Visitors to the ten parks were asked to rate the performance of each regarding certain attributes: being free of litter and trash, having clean restrooms, upkeep of facilities, having helpful and friendly staff, accessibility for disabled visitors,

					_						
	Babler	Big Lake	Finger Lakes	Lake of the Ozarks	Long Branch	Pershing	Table Rock	Trail of Tears	Truman	Wakonda	Overall
E £1:44/	Dablei	Lake	Lakes	tile Ozai KS	Dianch	1 ci siiiig	NUCK	1 cars	11 uman	vv akuliua	Overan
Free of litter/	2.66	2.70	2.20	0.77	2.56	2.00	2.61	2.62	2.00	2.72	2.62
trash	3.66	3.70	3.30	3.77	3.56	3.80	3.61	3.63	3.80	3.72	3.63
Clean											
restrooms	3.11	3.46	2.89	3.43	3.46	3.71	3.30	3.27	3.79	3.49	3.36
Upkeep of											
facilities	3.46	3.55	3.26	3.46	3.61	3.73	3.52	3.56	3.77	3.26	3.53
Helpful/											
friendly staff	3.65	3.52	3.42	3.49	3.59	3.71	3.53	3.64	3.76	3.60	3.60
Disabled											
access	3.44	3.62	3.33	3.48	3.55	3.61	3.59	3.51	3.81	3.58	3.54
Care of											
natural											
resources	3.57	3.59	3.28	3.51	3.55	3.62	3.48	3.55	3.68	3.64	3.54
Interpretive											

3.60

Table 5. Performance Scores of Specific Park Attributes

3.15

3.38

3.27

3.46

programs/

information

Being safe

3.48

3.63

3.58

3.65

3.57

3.45

3.59

caring for the natural resources, providing interpretive programs or interpretive information, and being safe. Table 5 lists the mean performance scores of the attributes for each park, and Figure 9 illustrates these scores by park. Overall, being free of litter and trash was given the highest performance rating while having clean restrooms was given the lowest rating.

There were significant differences between first time and repeat visitors and their performance ratings of the eight park attributes. First time visitors gave significantly higher (p<.01) performance ratings to the parks being free of litter and trash (3.70) than repeat visitors (3.61), as well as significantly higher (p<.05) ratings to the parks having helpful and friendly staff (3.65 and 3.60 respectively).

There were also significant differences in performance ratings between overnight visitors and day-users. Overnight visitors gave significantly higher (p<.05) performance ratings regarding the parks being free of litter and trash (3.66) than day-users (3.61), as well as significantly higher (p<.05) performance ratings regarding the parks having clean restrooms (3.40 and 3.32 respectively). Overnight visitors also gave significantly higher (p<.01) performance ratings regarding the parks having helpful and friendly staff (3.65), disabled accessibility (3.60), care of natural resources (3.58), and being safe (3.65) than day-users (helpful and friendly staff = 3.56, disabled access = 3.50, care of natural resources = 3.51, and being safe = 3.55).

A significant difference was also found between weekend and weekday visitors. Weekend visitors a had significantly higher (p<.05) performance rating regarding the care of natural resources (3.56) at the ten state parks when compared to the performance rating of weekday visitors (3.50).

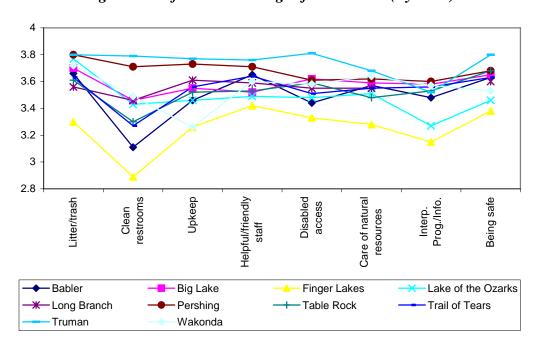


Figure 9. Performance Ratings of All Visitors (By Park)

IMPORTANCE-PERFORMANCE MEASURES

The Importance-Performance (I-P) Analysis was used to analyze the performance and importance ratings given by visitors to the eight park attributes. Mean scores were calculated for the responses of the two questions regarding visitors' ratings of the performance and importance of the parks being free of litter and trash, having clean restrooms, upkeep of park facilities, having helpful and friendly staff, providing disabled access, care of the natural resources, providing interpretive programs or information, and being safe. Table 6 lists the scores of these attributes, which were based on a 4.0 scale of 4 being excellent and 1 being poor, and 4 being very important and 1 being very unimportant.

Figure 10 shows the Importance-Performance (I-P) Matrix. The mean scores were plotted on the I-P Matrix to illustrate the relative performance and importance ratings of the attributes by park visitors.

The I-P Matrix is divided into four quadrants to provide a guide to aid in possible management decisions. For example, the upper right quadrant is labeled "high importance, high performance" and indicates the attributes in which visitors feel the parks are doing a good job. The upper left quadrant indicates the characteristics on which management may need to focus attention, because these are attributes that are important to visitors but were given lower performance ratings. The lower left and right quadrants are less of a concern for managers because they exhibit attributes that are not as important to visitors.

Overall, the ten parks were given high importance and performance ratings for being free of litter and trash and being safe. Disabled visitors also gave high importance and performance ratings to the parks providing disabled accessibility. Visitors gave the parks higher importance but marginal performance ratings regarding the care of the natural resources, and gave higher importance but lower performance ratings regarding clean restrooms and upkeep of park facilities.

Table 6. Mean Performance and Importance Scores for Park Attributes

	Mean Performance	Mean Importance
Attribute	Score*	Score*
A. Being free of litter/trash	3.63	3.83
B. Having clean restrooms	3.35	3.85
C. Upkeep of park facilities	3.53	3.79
D. Having helpful & friendly staff	3.60	3.68
E ₁ . Access for persons with disabilities	3.54	3.55
E ₂ . Access for persons with disabilities	3.67	3.80
F. Care of natural resources	3.54	3.79
G ₁ . Providing interpretive programs/information	3.45	3.44
G ₂ . Providing interpretive programs/information	3.42	3.58
H. Being safe	3.59	3.84

 $E_1 = All visitors$

 $G_1 = All visitors$

 E_2 = Disabled visitors only

 G_2 = Visitors attending interpretive programs

^{* 1 =} poor performance or low importance rating, 4 = excellent performance or high importance rating

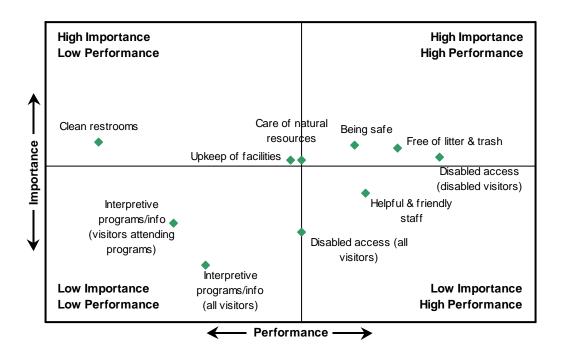


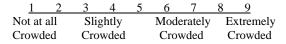
Figure 10. Importance-Performance Matrix of Park Attributes

Restroom cleanliness and facility upkeep are often given lower ratings by visitors to state parks (Fredrickson & Moisey, 1999), and could be a result of the large number of visitors to Missouri state parks each year. Overnight visitors, however, gave significantly higher performance ratings than day-users regarding the parks having clean restrooms, suggesting that restrooms in the day-use areas may require different management considerations (e.g., flush toilets in favor of pit toilets).

The marginal performance rating given by visitors regarding care of the natural resources could be a result of visitors' perceptions of resource degradation in relation to their perceptions of crowding. Studies have shown that perceptions of crowding and adverse resource impacts influence evaluations of quality in recreation experiences (Peine et al., 1999). Visitors who gave care of natural resources an excellent rating were significantly (p<.001) less crowded (with a mean crowded score of 1.9) than visitors who gave a good (2.5), fair (2.7), or poor (3.1) rating to care of natural resources.

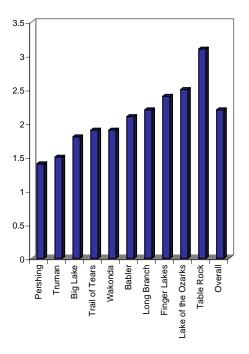
CROWDING

Visitors to each of the ten state parks were asked how crowded they felt during their visit. The following ninepoint scale was used to determine visitors' perceptions of crowding:



Visitors' overall mean response to this question was 2.2. Scores ranged from 1.4 (Pershing State Park) to 4.1 (Table Rock State Park). Figure 11 shows the mean crowded score for each park.

Figure 11. Mean Crowded Scores of Each Park

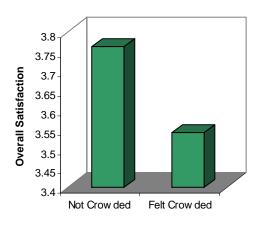


While crowding was not a concern at all ten of the state parks, overall it was an issue identified by many visitors as 40.7% reported feeling some degree of crowding. Crowding is a perceptual construct not always explained by the number or density of other visitors. Expectations of visitor numbers, the behavior of other visitors, and visitors' perceptions of resource degradation all play a significant role in crowding perceptions (Armistead & Ramthun, 1995; Peine et al., 1999). There were no significant differences in perceptions of crowding between first time visitors and repeat visitors. Overnight visitors, however, were significantly (p<.001) more crowded (2.4) than day-users (2.0). Weekend visitors were also significantly (p<.001) more crowded (2.3) than weekday visitors (1.8).

Particularly because visitors' perceptions of crowding can influence their overall satisfaction (Armistead & Ramthun, 1995), comparisons were made to determine if there were significant differences in overall satisfaction between visitors who felt some degree of crowding and those visitors who were not at all crowded (Figure 12). Visitors who felt crowded had a significantly lower (p<.001) overall satisfaction rating (3.54) than visitors who were not crowded (3.76).

As perceptions of crowding are inversely related to overall satisfaction, park and site managers should address the issue of crowding. One option is to review comments from the individual parks relating to crowding and consider options that would reduce crowding perceptions. Further study could also determine if crowding perceptions at the parks are due to the number of people or perhaps the behavior of the visitors in the parks.

Figure 12. Overall Satisfaction is Lower for Those Who Felt Crowded

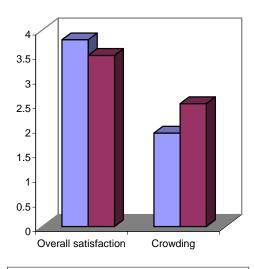


SAFETY CONCERNS OF VISITORS

Almost two-thirds (64.4%) of visitors across the ten state parks rated park safety excellent. Park managers should be commended for providing an atmosphere in which visitors feel safe. Although safety was given a high rating overall, however, managers should not dismiss safety concerns of visitors. One-third (35.6%) of visitors did not give the parks they visited an excellent rating regarding safety.

This is especially important as visitors with safety concerns had significantly lower overall satisfaction ratings, lower satisfaction ratings of park features, and lower performance ratings than visitors who felt safety to be excellent. Visitors who did not rate the parks as excellent on being safe were also significantly more crowded than those visitors who did give excellent safety ratings. Figure 13 shows the differences in overall satisfaction and perceptions of crowding between visitors who felt safety was

Figure 13. Levels of Satisfaction and Perceptions of Crowding by Safety Concern

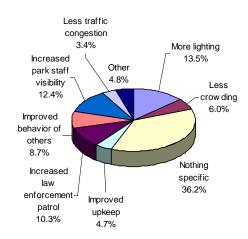


■ Felt safety was excellent ■ Had safety concerns

excellent and visitors who had safety concerns.

Visitors were also given a list of nine attributes and were asked to indicate which of the nine would most increase their feeling of safety at the ten state parks. Although instructed to select only one attribute, many visitors selected more than one; consequently, 1,775 responses were given by 1,467 respondents. Figure 14 shows the percentage of responses given by visitors. Although most (36.2%) felt that nothing specific would increase their feeling of safety, 13.5% felt that more lighting in the parks and 12.4% felt that increased visibility of park staff were two attributes that would most increase their feeling of safety.

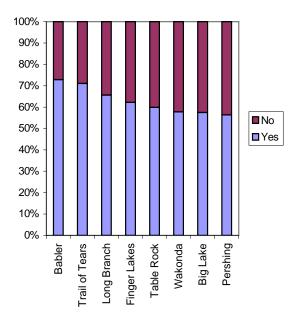
Figure 14. Percentage of Safety Attributes Chosen by Visitors



SUPPORT OF RESERVATION SYSTEM

Visitors to the state parks (excluding Lake of the Ozarks and Truman, where a reservation system is already in place) were asked to indicate their support for a reservation system. This reservation system would set aside at least 50% of all campsites in a reservation system, and would charge a reservation fee not to exceed \$7.00. About two-thirds (64.4%) of the visitors reported that they would support such a reservation system. There were differences, however, between the percentages of visitors at each park that would or would not support a reservation system. Babler visitors, for instance, were overwhelmingly in support (72.9%) of a reservation system, whereas only 56.4% of Pershing's visitors who were in support of it. Figure 15 shows the support of each park.

Figure 15. Comparison of Support for Reservation System Between Parks



There were no significant differences between first time and repeat visitors and the percentage of each in support of or opposed to a reservation system. Both were more likely (63.5% and 64.7% respectively) to support a reservation system. And although there was a significant difference (p<.05) between

the percentage of weekend and weekday visitors in support of or opposed to the reservation system, no practical difference existed. Both were more likely to support (66.5% and 60.6% respectively) such a system. There was, however, a significant difference (p<.001) between overnight visitors and day-users. Overnight visitors were slightly more likely to oppose (52.8%) the reservation system than support it (47.2%). Day-users were much more likely to support (72.6%) the reservation system than oppose (27.4%) it.

An additional comparison of weekend and weekday campers indicated that weekend campers were slightly more likely to support (53.1%) the reservation system, while weekday campers were more likely to oppose (62.8%) it. And finally, RV campers (those campers who might be expected to use the reservation system more) were more likely to oppose (62.5%) such a system, while tent campers were slightly more likely to support (56.6%) it. Figure 16 shows a comparison of support for the reservation system between user groups. Consideration should be given as to whether implementation of a park-wide reservation system is necessary, particularly as a majority of visitors were not campers and those visitors who were campers were not as likely to support the idea of a reservation system.

SUPPORT OF "CARRY IN/CARRY OUT" TRASH SYSTEM

Visitors to the ten state parks were also asked to indicate whether they supported establishing a "carry in and carry out" trash removal system, thereby promoting recycling and reducing the burden of handling trash in the parks. The majority (56.7%) of visitors reported that

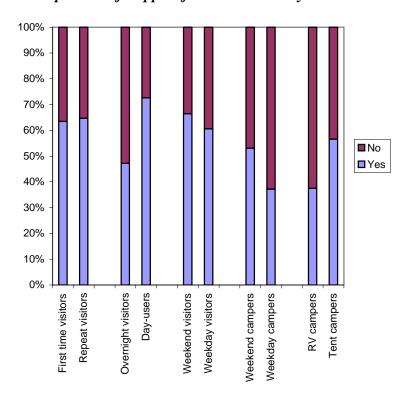


Figure 16. Comparison of Support for Reservation System Between Groups

they would support a carry in/carry out trash removal system. There were differences, however, between parks and the percentages of visitors that would or would not support this type of trash removal system. Figure 17 shows the differences in support between each park.

There were also differences between user groups and the percentage of each that would or would not support a carry in and carry out trash removal system. For instance, overnight visitors were significantly (p<.001) more likely to oppose this type of system, while dayusers were two-thirds (68.6%) more likely to support it. Picnickers (a user group that might be most affected by this type of trash removal system) were only slightly more likely to support (53.3%) a carry in and carry out trash system than

oppose (46.7%) it. Figure 18 shows the differences in support between user groups.

Figure 17. Comparison of Support for "Carry In/Carry Out" Trash Removal System Between Parks

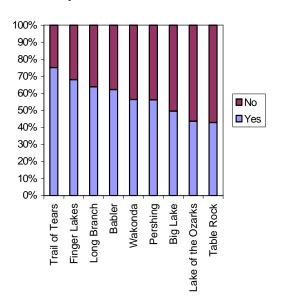
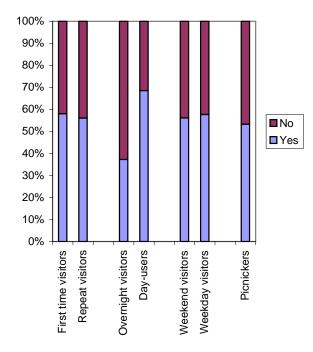


Figure 18. Comparison of Support for "Carry In/Carry Out" Trash Removal System Between Groups



RESEARCH RECOMMENDATIONS

The results of the present study serve as baseline visitor information for Babler State Park, Big Lake State Park, Finger Lakes State Park, Lake of the Ozarks State Park, Long Branch State Park, Pershing State Park, Table Rock State Park, Trail of Tears State Park, Truman State Park, and Wakonda State Park. The frequency and percentage calculations of survey responses from each of the ten state parks provide useful information concerning sociodemographic characteristics, use patterns, and satisfaction of Missouri State Park visitors. In addition, the "sub-analysis" of data is important in identifying implications for management at each of these parks. (The sub-analysis conducted for each survey included comparisons using t-tests, Chi-square,

and ANOVA between selected groups and the Importance-Performance Analysis.)

Additional relevant information may be determined from further sub-analysis of existing data. Therefore, it is recommended additional sub-analysis be conducted to provide even greater insight to management at each of the ten parks.

Additional visitor surveys at the ten state parks should also be conducted on a regular basis (e.g., every three, four, or five years). Future studies can identify changes and trends in sociodemographic characteristics, use patterns, and visitors' satisfaction. User studies at these parks might also be conducted during other seasons of the year for comparison between seasonal visitors.

The methodology used in this study serves as a standard survey procedure that the DSP can use in the future. Other Missouri State Parks and Historic Sites should be surveyed similarly to provide valid results for comparisons of visitor information between parks and sites, or to measure change over time in other parks and sites.

References

Armistead, J., & Ramthun, R. (1995). Influences on perceived crowding and satisfaction on the Blue Ridge Parkway. In Proceedings of the 1995 Northeastern Recreation Research Symposium (Forest Service General Technical Report NE-128, pp. 93-95). Saratoga Springs, NY: Department of Agriculture, Forest Service, Northeastern Forest Experiment Station.

Beck, L., & Cable, T. T. (1998).

Interpretation for the 21st Century:

Fifteen guiding principles for
interpreting nature and culture.

Champaign, IL: Sagamore Publishing.

Driver, B. L., Dustin, D., Baltic, T., Eisner, G., & Peterson, G. (1996). Nature and the human spirit: Overview. In B. L. Diver, D. Dustin, T. Baltic, G. Elsner, & G. Peterson (Eds.), Nature and the human spirit: Toward an expanded land management ethic (pp. 3-8). State College, PA: Venture Publishing, Inc.

Fink, D. A. (1997). Meramec State Park user survey. Unpublished master's research project, University of Missouri, Columbia.

Fredrickson, D. K., & Moisey, R. N. (1999). 1998 Missouri state parks visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (1999a). 1999 Table Rock State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (1999b). 1999 Lake of the Ozarks State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (2000a). 1999 Dr. Edmund A. Babler State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (2000b). 1999 Big Lake State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (2000c). 1999 Finger Lakes State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (2000d). 1999 Wakonda State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (2000e). 1999 Long Branch State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (2000f). 1999 Pershing State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (2000g). 1999 Trail of Tears State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fredrickson, D. K., & Vessell, C. R. (2000h). 1999 Harry S Truman State Park visitor survey. Report submitted to the Missouri Department of Natural Resources.

Fruchter, J., & Schau, M. (1997). At our leisure. New York, NY: EPM Communications, Inc.

Holst, S., & Simms, L. (1996). Park & soils: A decade of success for camps and crops. <u>Missouri Resources</u>, 13(2), 8-15.

Manning, R. E. (1986). <u>Studies in outdoor recreation</u>. Corvallis, OR: Oregon State University Press.

Masek, M. L. R. (1974). A park user fee survey for the Missouri state parks. Unpublished master's thesis, University of Missouri, Columbia.

McLellan, G., & Siehl, G. (1988). Trends in leisure and recreation: How we got where we are. <u>Trends</u>, <u>25</u> (4), 4-7.

Missouri State Census Data Center (MSCDC) (1998). Missouri census data [Online]. Available: http://www.oseda.missouri.edu.

Peine, J. D., Jones, R. E., English, M. R., & Wallace, S. E. (1999). Contributions of sociology to ecosystem management. In H. K. Cordell & J. C. Bergstrom (Eds.), <u>Integrating social sciences with ecosystem management: Human</u> dimensions in assessment, policy, and

management (pp. 74-99). Champaign, IL: Sagamore Publishing.

Tarrant, M. A., Bright, A. D., Smith, E., & Cordell, H. K. (1999). Motivations, attributes, preferences, and satisfactions among outdoor recreationists. In H. K. Cordell (Ed.), <u>Outdoor recreation in American life: A national assessment of demand and supply trends</u> (pp. 403-431). Champaign, IL: Sagamore Publishing.

U. S. Census Bureau (1999). United States and Missouri census data [Online]. Available: http://www.census.gov.

Williams, D. R. (1989). Great expectations and the limits to satisfaction: a review of recreation and consumer satisfaction research. Outdoor Recreation Benchmark 1988:

Proceedings of the National Outdoor Recreation Forum, Tampa, Florida, 422-438.

	1999 Missouri State Parks Visitor Surveys
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Appendix A. 1999 Missouri State Pa	ark Visitor Surveys



Dr. Edmund A. Babler **Memorial State Park**



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Babler Memorial State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

1.	ls this you ☐ yes	ır first visi □ no		State Park? (Check only one box.) nes have you visited this park in the
2.	During th	nis visit to	the park, are you stay	ring overnight? (Check only one
	□ yes	If yes, how		u staying at or near the park during
	□ no	(If no, skip	to question 4.)	
3.	□ campg	round in Ba tent L. Babler C	abler Memorial State Pa □ RV/trailer/camper	
		lodging fac	cilities	
		campgrou	nd	
	☐ friends	/relatives		
	□ other (Please spe	cify.)	
4.	With who	m are you	visiting the park? (0	theck only one box.)
				□ club or organized group
	☐ family			□ other (Please specify.)
5a		creational Il that apply		ngaged in during this park visit?
	□ picnick	king 🗆 j	ogging/running	□ attending interpretive program
			studying nature	☐ visiting visitor center
	□ campi		viewing wildlife	☐ attending special event
	□ tennis		horseback riding	□ other (Please specify.)
		ng □ l	horseback riding rental	to or seri
	□ walkin	g 🗆 :	swimming in pool	1-1

	Park? (Check one box		feature.)			Memori	Don't
		Very Satisfied	Satisfied	Dissatisfied		ery satisfied	Don't Know
1	campgrounds						
).	park signs	П					
	picnic areas	0		0	3800		
i.	trails						
	tennis court	0	0		2000	0	D
	swimming pool						
	horseback riding renta	0	0		C. E.		
١.	interpretive programs						
	How do you rate Bab (Check one box for ea			Park on eac	h of th	e follow	ing?
	CONSER ONE DOX FOR OUR	ar routure	Excelle	nt Good	Fair	Poor	Know
	being free of litter/trast		0				
	having clean restroom						
	upkeep of park facilitie						
i.	having a helpful & frier						
	access for persons wit		ies 🗆				
	care of natural resource						
	providing interpretive in	nformation	n 🗆				
١.	being safe						
3.	If you did not rate thi rating?	s park as	excellent	on being sa	ife, wh	at influe	nced y
9.	Which of the followin Babler Memorial Stat more lighting where?		Check only		behavi	or of oth	ers
	☐ less crowding ☐ nothing specific ☐ improved upkeep of	facilities		☐ less traffic ☐ other (Ple	conge	stion	



system in order to guarantee a site, and charging a reservation fee not to exceed \$7.00? (Check only one box.)								10.	one box.)				
	NATIONAL PROPERTY.								☐ grade sch	nool uocational s	school	□ graduate of 4-year college	
		ou support establishing a "carry in and carry out" system as a means omoting recycling and reducing the burden of handling trash in this							☐ high scho			□ post-graduate education	
	•	only one box.,	□ yes		□no		19.	What is your ethnic origin? (Check only one box.)					
		any state par ox for each feat		mportant a	are each o	f these item	ns to you?		☐ Asian ☐ Hispanic	☐ African American ☐ Caucasian/White		ive American/American Indian er (Please specify.)	
-			Very			Very	Don't				400000000	STATUTURA DE PARA UN ESTADO	
			Important	Important		nt Unimporta	CONTRACTOR OF THE PARTY OF THE						
a. being free of litter/trash					20.	20. Do you have a disability that substantially limits one or more life activities							
 b. having clean restrooms 									or might require special accommodations?				
	eep of park					D	D						
	eving a helpful & friendly staff □ □ □							□ yes	If yes, what disability or disabilities do you have?				
	ess for pers	ons with					THURSDAY		□ no				
	bilities	A STATE				0						- 5	
f. care of natural resources						21.	What is your 5-digit zip code (or country of residence, if you live outside the						
g. prov	riding interp	retive informati	on 🗆						U.S.)?				
h. being safe									0.0.,.				
	erall, how	satisfied are y	ou with	this visit to	Babler M	lemorial Sta	ite Park?	22.	What is you	r annual household i \$25.000		0,001 - \$75,000	
									□ \$25,000 -	(T. 40) (T. 10) (S. 4)		er \$75,000	
Very							Very		_ 420,000	400,000			
Satisfied		Satisfied	Satisfied		Dissatisfied			23.	Please write any additional comments about your park visit or suggestions on how the Missouri Department of Natural Resources can make your				
14. Du	ıring this v	isit, how crow	ded did	you feel?	(Circle one	number.)			experience	in Babler Memorial S	tate Par	k a better one.	
1	2	3 4	5	6	7	8	9						
Not at a	dl	Slightly		Mod	erately	Extre	emely						
Crowded		Crowded		Crowded			wded						
15. If y	ou felt cro	wded on this	visit, wh	ere did yo	u feel crov	vded?							
16. W	hat is you	age?	17.	Gender	? 🗆 fem	ale 🗆	male						

THANK YOU FOR YOUR HELP.
YOU ARE ALWAYS WELCOME IN MISSOURI STATE PARKS.



Big Lake State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Big Lake State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

1.	Is this yo □ yes	our first visit		te Park? (Check only one box.) ny times have you visited this park in the
2.	During to	this visit to	the park, are you	staying overnight? (Check only one
	□ yes	this visit?		re you staying at or near the park during
	□ no	(If no, skip	to question 4.)	
3.	camp motel cabin nearb	ground in Bi	g Lake State Park □ RV/trailer/ca State Park State Park cilities nd	
4.	With wh	om are you	visiting the parl	k? (Check only one box.)
	□ alone	□f	amily and friends	club or organized group
	☐ family	/ Df	riends	☐ other (Please specify.)
5.	Which r	ecreational	activities have y	ou engaged in during this park visit?
		all that apply	e.	
			oird watching	☐ swimming in pool
			tudying nature	
			riewing wildlife	□ attending interpretive program
	☐ walkir	ng □t	oating	□ other (Please specify.)

	Very Satisfied	Satisfied	Dissatisfied		ery satisfied	Don't Know
campgrounds						0
park signs						
picnic areas						
restaurant						
park store	0					
swimming pool						
boat launches				# 6		
cabins						
motel						
interpretive programs	s 🗆					
How do you rate Bi box for each feature.		te Park on Excelle		follow Fair	ring? (C	Theck on Don't Know
being free of litter/tra	sh	0	0	0	0	0
having clean restroo	ms					
upkeep of park facilit						
having a helpful & fri	endly staff					
access for persons w	rith disabilit	ies 🛘				
care of natural resou						
providing interpretive	informatio	0 0			0	0
being safe						
being sale						
If you did not rate to rating?	his park as	excellent	on being sa	fe, wh	at influe	nced yo
If you did not rate to rating? Which of the follow Lake State Park? (C	ing would	most incre		eling o	of being	
If you did not rate to rating? Which of the follow	ing would	most incre	ease your fe	eling o	of being	safe at I
If you did not rate to rating? Which of the follow Lake State Park? (C) more lighting	ing would	most incre	ease your fe	eling o	of being of others of park st	safe at I
Which of the follow Lake State Park? (Comore lighting where?	ing would	most incre	ease your fe	eling of avior of ibility of conge	of being of others of park strestion	safe at I
Which of the follow Lake State Park? (Commore lighting where?	ing would theck only o	most incre one box.)	ease your fe mproved beh ncreased vis	eling of avior of ibility of conge	of being of others of park strestion	safe at I

6 How satisfied are you with each of the following in Big Lake State Park?



PLEASE TURN SURVEY OVER.



10.	Do you support setting aside at least 50% of all campsites in a reservation system in order to guarantee a site, and charging a reservation fee not to exceed \$7.00? (Check only one box.) □ yes □ no							18.	What is the one box.)	highest level of	education y	ou have completed? (Check only
11.	Do you suppo	ort establishing recycling and	a "carr	y in and cam	y out" sys				☐ grade scho		onal school college	 □ graduate of 4-year college □ post-graduate education
		only one box.)		□ yes		no		19.	What is you	r ethnic origin?	(Check only	one box.)
12.		any state parl ox for each featu		nportant are	each of the	ese items t	o you?		☐ Asian ☐ Hispanic	☐ African Ameri ☐ Caucasian/W		ntive American/American Indian her (Please specify.)
			Very	Important I	Inimportant	Very	Don't		_			
2.5	being free of it	tertrash	Important		O de	Unimportan		20.		e a disability tha quire special acc		Ily limits one or more life activities ns?
b.	having clean re upkeep of part								AND THE RESERVE	• In 09:50:3• 01:50:00:00:00		
d.	having a helpfu	ul & friendly stal	7165 - ESH				0		□ yes □ no	ir yes, what dis	sability or di	isabilities do you have?
2.	access for per	sons with	Ð	В		0		24	What is you	r E digit zin ood	/or occuptor	of residence, if you live outside the
-	care of natural	The second secon						21.	U.S.)?	r 3-aigit zip coat	e for country	or residence, ir you live duiside the
_	being safe	pretive informati						22.	What is you	r annual househ	old income	,
13	Overall how	satisfied are yo	nı with t	his visit to Ri	n I ake Sta	te Park?	(Check					
	only one box.)		, with the	ino viole to Di	g Lane ou		Oncon		☐ less than: ☐ \$25,000 -	70000 February 11.	Nation 2007	0,001 - \$75,000 er \$75,000
	Very			~		/ery		23.				bout your park visit or suggestions
	Satisfied	Satisfied		Dissatisfied	Dis	satisfied				Missouri Depart in Big Lake State		ural Resources can make your ter one.
14.	During this vi	sit, how crowd	led did y	ou feel? (Cir	de one nu	mber.)						
22	1 2 at all wded	3 4 Slightly Crowded	5	6 Moderat Crowde	ely	B 9 Extreme Crowde						
15.	If you felt crow	wded on this v	isit, whe	re did you fe	el crowded	17						
16.	What is your	age?	17.	Gender?	☐ female	□ ma	le			THANK	VOLUEOD V	OUR UEL R

YOU ARE ALWAYS WELCOME IN MISSOURI STATE PARKS.



Finger Lakes State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Finger Lakes State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

	□ yes	□ no	If no, how man past year?	y times have you visited this park in the							
2.	During thi	is visit to	the park, are you	staying overnight? (Check only one							
			w many nights ar	re you staying at or near the park during							
			to question 4.)								
3.		ound in Fi lent lodging fac campgrou relatives	nger Lakes State ☐ RV/trailer/ca cilities nd								
4.	With who	With whom are you visiting the park? (Check only one box.)									
	☐ alone ☐ family		amily and friends riends	 ☐ club or organized group ☐ other (Please specify.) 							
5.	Which recreational activities have you engaged in during this park visit? (Check all that apply.)										
	☐ fishing ☐ campin ☐ swimmi	g G g	nountain biking	☐ riding ATVs ☐ participating in a motocross race ☐ using the motocross track ☐ watching races at the motocross ☐ attending a special event							

6.	How satisfied are you with each of the following in Finger Lakes State Park'
	(Check one box for each feature.)

		Very Satisfied	Satisfied	Dissatisfied		ery satisfied	Don't Know
a.	campground		0	0		0	
b.	park signs						
C.	picnic area		0	0	3 1		0
d.	swim beach						
e.	boat launches	0					
f.	ATV trails						
g.	motocross track			0	2000		
7.	How do you rate Fin one box for each feat	_	State Park	on each o	f the fo	llowing	? (Check
						_	Don't
	halos fore of the char	4	Exceller	THE RESERVE OF THE PERSON NAMED IN	Fair	Poor	Know
a.	being free of litter/tra		0				
b.	having clean restroor						
C.	upkeep of park faciliti		0	0		0	
d.	having a helpful & frie						
e.	access for persons w			0			
f.	care of natural resour	The state of the s					
Section 1		information	n 🛛				
g.	providing interpretive	BHOTHADO		-			
g. h.	providing interpretive being safe	BHOHHADO					
~							
h.	being safe If you did not rate th	is park as	excellent most incre	on being sa	ife, wha	at influe	nced you
h. 8.	being safe If you did not rate the rating? Which of the following	is park as	excellent most incre	on being sa	eling o	at influe	nced you
h. 8.	being safe If you did not rate the rating? Which of the following Finger Lakes State In more lighting	is park as	excellent most incre	on being sa	eling o	at influe	nced you
h. 8.	being safe If you did not rate the rating? Which of the following Finger Lakes State is more lighting where?	is park as	excellent most incre	ase your fe	eling o	f being :	nced you
h. 8.	being safe If you did not rate the rating? Which of the following Finger Lakes State is more lighting where? less crowding	ng would Park? (Che	excellent most incre	ase your fe	eling o	f being :	nced you





system in o	Do you support setting aside at least 50% of all campsites in a reservation system in order to guarantee a site, and charging a reservation fee not to exceed \$7.00? (Check only one box.) yes no						18.	What is the highest level of education you have completed? (Check one box.)			u have completed? (Check only
11. Do you sup	pport establishing recycling and	ng a "can	ry in and o	arry out" s				☐ grade sch			 □ graduate of 4-year college □ post-graduate education
10 10 10 10 10 10 10 10 10 10 10 10 10 1	eck only one box.		g tile buit □ yes		□ no	iuiis	19.	What is you	ur ethnic origin? (Che	eck only o	one box.)
	ing any state pa box for each feat		mportant	are each of	these items	s to you?		☐ Asian ☐ Hispanic	☐ African American ☐ Caucasian/White		ve American/American Indian er (Please specify.)
		Very			Very	Don't					
		Important	The second secon	Unimportant	Unimportant	Know	20.	Do you hav	e a disability that sub	stantiall	y limits one or more life activities
a. being free of		D						or might rea	quire special accomm	nodation	s?
 b. having clean 									i 12		
 upkeep of pa 	rk facilities							□ yes	If yes, what disabili	ity or dis	abilities do you have?
d. having a help	oful & friendly stat	ff 🗆						□ no			
e. access for pe	ersons with										-
disabilities		0					21.	What is you	r 5-digit zip code (or	country o	f residence, if you live outside the
f. care of natura	al resources									5-50-50 (195 -46) A-5	
g. providing inte	erpretive informati	ion 🛘	0	D							
h. being safe							22.	What is you	ır annual household i	ncome?	
	w satisfied are y	ou with t	his visit t	o Finger La	kes State P	ark?		☐ less than	\$25,000	□ \$50	,001 - \$75,000
(Check only	one box.)							\$25,000 -	\$50,000	□ ove	r \$75,000
Very				. 20	Very		23.				out your park visit or suggestions
Satisfied	Satisfied		Dissatisfi	ed	Dissatisfied				Missouri Department in Finger Lakes State		ral Resources can make your better one.
14. During this	visit, how crow	ded did	you feel?	(Circle one	number.)						
1 2	3 4	5	6	7	8 9	9					
Not at all	Slightly		Mod	derately	Extre						
Crowded	Crowded		1000 D	owded	Crow						
15. If you felt o	rowded on this	visit, wh	ere did yo	u feel crow	ded?						
22 52 52	724	020			. =						
16. What is yo	our age?	17.	Gender	? □ fema	ale 🗆 r	nale			TILL 11	F00.10	WID LIELD



Lake of the Ozarks State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Lake of the Ozarks State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

	□ yes	□ no	If no, how many past year?	times have you visited this park in the
2.	During to	his visit t	o the park, are you s	taying overnight? (Check only one
	□ yes		ow many nights are t?	you staying at or near the park during
	□ no	(If no, sk	ip to question 6.)	
3.	□ camp □ nearb □ nearb □ friend	ground in tent	Lake of the Ozarks St RV/trailer/camp Lake of the Ozarks St facilities bund	per
4.				Park, were you aware of the lox.)
5.	system'	-	If no, why not? If yes, were you	Park, did you use the reservation satisfied with the system? Why were you dissatisfied?
			210	mily were you dissuisited:
6.	With wh	om are yo	ou visiting the park?	(Check only one box.)
	□ alone □ family		family and friends friends	 □ club or organized group □ other (Please specify.)

	(Check all that			,			13.550
	□ picnicking	□ wal	king		□ viewing	wildlife	
	☐ fishing	□ boa	-		□ studying		
	□ camping		iting rent	al		g interpretive	nmoram
	□ swimming		seback ri			ng special ever	
	☐ hiking			iding rental		Yease specify.	
	☐ bicycling			k Caverns	- out. (r	rouse opening.	
В.	How satisfied				llowing in L	ake of the Oza	arks Stat
	Park? (Check	one box		feature.)		Man	Dools
			Very Satisfied	Satisfied	Dissatisfied	Very Dissatisfied	Don't Know
1	campgrounds						
).	park signs						
2.	picnic areas				0		0
i.	swim beaches						
е.	boat launches		0		0	0	
_	trails						
	marina	TO THE	0		0		
١.	camp store						
1	horseback ridin	ig rental	0				
	camper cabins						
ę,	cave tours	1088			0		
	interpretive pro	grams					
9.	Within Lake of	f the Oz	arks Stat	te Park, the			
	group boat mo Lake of the Oz	ooring (I zarks St	Party Co	ve). Has th ? (Check on	is feature af		
10.	Lake of the Oz □ no How do you ra	ooring (i zarks Sta upes ate Lake	Party Co ate Park If yes,	ve). Has the control of the control	is feature at ly one box.)	fected your v	isit to
10.	Lake of the Oz □ no	ooring (i zarks Sta upes ate Lake	Party Co ate Park If yes,	ve). Has the ? (Check on how? Dzarks State	is feature at ly one box.) Park on ea	fected your v	isit to wing? Don't
10.	Lake of the Oz no How do you ra (Check one box	ooring (I zarks St upes te Lake x for eac	Party Co ate Park If yes, of the C h feature	ve). Has the ? (Check on how? Dzarks State	is feature at ly one box.) e Park on ea	fected your v	owing? Don't Know
2.	Lake of the Oz no How do you ra (Check one box being free of litt	coring (I carks Standard yes yes ate Lake x for eac	Party Co ate Park If yes, of the C	ve). Has the control of the control	is feature at ly one box.) Park on ea	ch of the follo	owing? Don't Know
1.).	Lake of the Oz no How do you ra (Check one box being free of litt having clean re	ooring (I zarks Sta yes ate Lake x for eac ler/trash	Party Co ate Park If yes, of the O h feature	ve). Has the control of the control	is feature at ly one box.) Park on ea	ch of the follo	wing? Don't Know
1.	Lake of the Oz no How do you ra (Check one box being free of litt having clean re upkeep of park	ooring (I zarks St. yes ate Lake x for eac teritrash estrooms facilities	Party Co ate Park If yes, of the O h feature	ve). Has the control of the control	e Park on ea	ch of the follo	owing? Don't Know
a. 3. 1.	Lake of the Oz no How do you ra (Check one box being free of litt having clean re upkeep of park having a helpfu	poring (I carks St: yes ate Lake x for eac ler/trash estrooms facilities il & friend	Party Co ate Park If yes, of the C th feature dly staff	ve). Has the second how?	e Park on ea	ch of the follo	owing? Don't Know
1.	Lake of the Oz no How do you ra (Check one box being free of litt having clean re upkeep of park having a helpfu access for pers	poring (I carks St. yes ate Lake x for eac teritrash estrooms facilities if & frience cons with	Party Co ate Park If yes, of the C th feature dly staff	ve). Has the state of the state	e Park on ea	ch of the follo	owing? Don't Know
).).	Lake of the Oz no How do you ra (Check one box being free of litt having clean re upkeep of park having a helpfu access for pers care of natural	poring (I carks Str yes ate Lake x for each ter/trash estrooms facilities at & friend cons with resource	Party Co ate Park If yes, of the C th feature dly staff	ve). Has the state of the state	e Park on ea	ch of the follo	wing? Don't Know
10. a. b. c. d.	Lake of the Oz no How do you ra (Check one box being free of litt having clean re upkeep of park having a helpfu access for pers	poring (I carks Str yes ate Lake x for each ter/trash estrooms facilities at & friend cons with resource	Party Co ate Park If yes, of the C th feature dly staff	ve). Has the state of the state	e Park on ea	ch of the follo	owing? Don't Know





11.	If you did not rate this p rating?	oark as ex	cellent or	being safe	, what influe	enced your	17.	If you felt cro	owded on this visit,	where did you	feel crowded	?
12	Which of the following	would me	et increas	e vour feeli	na of beina	safe at	18.	What is you	ır age?	19. Gender?	□ female	□ male
12.	Lake of the Ozarks State				ing or being	Suit at	20.	What is the	highest level of edu	cation you hav	e completed?	(Check only
	☐ more lighting where?			improved be increased vis				one box.) □ grade sch			graduate of 4-y	
	☐ less crowding			less traffic co	ongestion			☐ high scho	ol some colle	ge □;	post-graduate	education
	□ nothing specific			other (Please	e specify.)					ā	1 1754	
	☐ improved upkeep of fa	cilities					21.	What is you	r ethnic origin? (Ch	eck only one bo	ox.)	
	☐ increased law enforcer		ol					☐ Asian	☐ African American	□ Native Am	erican/American	Indian
			AVA					☐ Hispanic	☐ Caucasian/White	☐ Other (Plea	ase specify.)	
13.	Do you support establis	shing a "c	carry in an	d carry out	system as	a means		WEALTH DATES		7100 V 100 V		
	of promoting recycling											
	park? (Check only one b			yes	□ no		22.		e a disability that su quire special accom			
14.	When visiting any state (Check one box for each		w importa	nt are each	of these iter	ns to you?		□yes	If yes, what disabi	ility or disabilit	ies do you ha	ve?
	•	Very Important	Important	Unimportant	Very Unimportant	Don't Know		□no		1281		
a.	being free of litter/trash						23.	What is you	r 5-digit zip code (or	country of resid	dence, if you liv	e outside the
b.	having clean restrooms											
C.	upkeep of park facilities			0				0.0.,				
d.	having a helpful &						24	What is you	r annual household	income?		
	friendly staff						2.11	mac io you		moonie.		
e.	access for persons with							☐ less than :	\$25,000	\$50,001 -	\$75,000	
	disabilities	0	0	0				□ \$25,000 -		□ over \$75,	The state of the s	
f.	care of natural resources							L \$20,000	400,000	L 0101 \$10,		
q.	interpretive programs	0	0	0			25	Places write	any additional com	ments shout v	our nark visit	or suggestions
_	being safe						20.	on how the	Missouri Department in Lake of the Ozark	nt of Natural Re	sources can	
15.	Overall, how satisfied a Park? (Check only one b		th this vis	it to Lake of		State		experience	in Lane of the Ozark	o otato i ain a	better one.	
	Very				Very							
	Satisfied Satisf		0.00	tisfied	Dissatisfied	1						
]	1									
16.	During this visit, how cr	rowded d	id you fee	1? (Circle or	ne number.)							
	1 2 3	4	5 6	5 7	8	q						

Slightly

Crowded

Crowded

Moderately

Crowded

Extremely

Crowded



Long Branch State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Long Branch State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

	□ yes	□ no	If no, how man past year?	y times have you visited this park in the						
2.	During thi	s visit to	the park, are you	staying overnight? (Check only one						
	□ yes		w many nights ar	e you staying at or near the park during						
	□ no	(If no, skip	to question 4.)							
3.		ound in Louisian tent lodging fa campground relatives	ong Branch State i RV/trailer/car acilities und							
4.	With whom are you visiting the park? (Check only one box.)									
	□ alone □ family		family and friends friends	☐ club or organized group ☐ other (Please specify.)						
5.	Which red (Check all			ou engaged in during this park visit?						
	☐ picnick	ing 🗆		 □ viewing wildlife □ studying nature 						

6.	How satisfied are you with each of the following in Long Branch State Park?
	(Check one box for each feature.)

		Very Satisfied	Satisfied	Dissatisfied		/ery satisfied	Don't Know
	campgrounds	П					0
	park signs						
	picnic areas	D		0	100	0	0
	swim beach						
	boat launches	0			1000		0
	trail						
	How do you rate Long one box for each feature		State Parl	k on each o	of the fo	ollowing	? (Chec
			Excelle	nt Good	Fair	Poor	Know
ij.	being free of litter/trash	RULES				0	
	having clean restrooms						
	upkeep of park facilities				0		
	having a helpful & friend						
	access for persons with	disabilit	ies 🗆			0	
3			444				
	care of natural resource						
	care of natural resource being safe	S	0	0	0	D	0
3.	care of natural resource	park as	excellent	on being s	afe, wh	at influe	enced yo
1.	care of natural resource being safe If you did not rate this rating? Which of the following Long Branch State Par	park as	s excellent most incre	on being s	afe, wh	at influe	enced you
1.	care of natural resource being safe If you did not rate this rating? Which of the following	park as	most incre	on being s	afe, wh	at influe	enced your
1.	care of natural resource being safe If you did not rate this rating? Which of the following Long Branch State Par more lighting where?	park as	s excellent most incre	on being s ease your fee box.)	afe, wh	of being	enced your
3.	care of natural resource being safe If you did not rate this rating? Which of the following Long Branch State Pai more lighting where? less crowding	park as	most incre	on being s ease your fee box.)	afe, who	at influe	enced your
3.	care of natural resource being safe If you did not rate this rating? Which of the following Long Branch State Par more lighting where?	park as would	most incre	on being s ease your fi e box.) improved	afe, who	at influe	enced your



PLEASE TURN SURVEY OVER.



	Do you suppo system in ord					a reservation	16.	If you felt cro	owded on this visit, v	rhere did you	feel crowded	?
	exceed \$7.00			□ yes	□ no							
	Do you support of promoting					n as a means trash in this		What is you		8. Gender?		□ male
	park? (Check	only one bo	x.)	□ yes	□ nc)	19.	What is the one box.)	highest level of educ	ation you hav	e completed?	(Check only
		the past. H	low importar	nt is this ser		at Long Branch enjoyment of		☐ grade sch			graduate of 4-y post-graduate	
	Very Important	Important	t Unim	portant	Very Unimportant	Don't Know	20.	What is you	r ethnic origin? (Che	eck only one bo	ox.)	
		<u> </u>						☐ Asian ☐ Hispanic	☐ African American ☐ Caucasian/White	☐ Native Am ☐ Other (Ple	erican/Americar ase specify.)	Indian
	When visiting (Check one bo			portant are	each of these	e items to you?		- C.	and the rest of Control of the September 2	3		 /
			Very important imp	ortant Unimp	Very		21.		e a disability that sub quire special accomm		its one or mor	e life activities
a.	being free of I) 0			□ yes	If yes, what disabil	ity or disabilit	ies do you ha	ve?
	having clean r				the same of the sa			□ no	5.0			
	upkeep of par						1000	17202 340		0 97 8		1522302
	having a helpt friendly staff						22.	U.S.)?	r 5-digit zip code (or	country of resid	dence, if you lin	ve outside the
	access for per disabilities	rsons with	0 0				22	What is you	r annual bausahald i	noomo?		
_	care of natura	l resources					23.	what is you	r annual household i	ncomer		
g.	being safe	WATE !	0	STATE OF LEGISLES				☐ less than ☐ \$25,000 -		□ \$50,001 - □ over \$75,		
	Overall, how (Check only o		e you with ti	nis visit to L	ong Branch	State Park?	24.		e any additional come Missouri Department			
	Very Satisfied	Satisf		Dissatisfied		ry tisfied □			in Long Branch State			make your
15.	During this v											
		•		•		•						
Not a	1 2 atall	3 Slightly	4 5	6 Modera	7 8 tely	9 Extremely			THANK YOU	EUD AUTD H	IEI D	

Crowded

Crowded

Crowded

Crowded



Pershing State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Pershing State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

1.		□ no If no,		k? (Check only one box.) es have you visited this park in the
2.	During this v	visit to the park	, are you stayi	ng overnight? (Check only one
	□ yes If y	es, how many s visit?	nights are you	staying at or near the park during
	□ no (if	no, skip to ques	tion 4.)	
3.	campgrou nearby loc nearby ca friends/rela	nd in Pershing S I tent □ RV Iging facilities mpground	State Park /trailer/camper	g? (Check only one box.)
4.				neck only one box.) club or organized group other (Please specify.)
5.	Which rocro	ational activitie	e have vou en	gaged in during this park visit?
J.	(Check all that		S have you en	gaged in during this park visit:
	☐ fishing ☐ camping ☐ hiking ☐ swimming	☐ viewing wild ☐ studying na	☐ attending Ilife ☐ attending ture ☐ visiting F g ☐ visiting L	g interpretive program

6.	How satisfied are you with each of the following in Pershing State Park?	
	(Check one box for each feature.)	

		Very			Ve	*	Don't			
	THE RESERVE OF THE PARTY OF THE	Satisfied	Satisfied	Dissatisfied	Dist	satisfied	Know			
a.	campground				1000					
b.	park signs									
2	picnic areas				1000					
đ.	swimming area				_					
e.	archery range				-20					
	boardwalk trail									
9.	interpretive programs			0	350					
7.	How do you rate Per	shing Sta	te Park on	each of the	follow	ing? (C	Check on			
	box for each feature.)						Don't			
			Excelle	100000	Fair	Poor	Know			
3.	being free of litter/trasl									
b.	having clean restroom									
3.	upkeep of park facilitie			0						
j	having a helpful & frier									
2.	access for persons wit		ies 🗆							
	care of natural resource	es								
].	interpretive programs		0							
1.	being safe									
8.	If you did not rate thi rating?	s park as	excellent	on being sa	afe, who	at influe	nced yo			
9.	Which of the followin Pershing State Park?	-			eling o	f being	safe at			
	☐ more lighting where?			☐ improved behavior of others ☐ increased visibility of park staff						
	☐ less crowding		☐ less traffic congestion ☐ other (Please specify.) facilities							







10.	Do you suppo system in ord exceed \$7.007	er to guar	antee a s	ite, and c				18.	What is the one box.)	highest level of ed	ucation yo	ou have completed? (Check only
44		sommer charge		200 5 3	94.1 5 0300		2 maans		☐ grade sch			 □ graduate of 4-year college □ post-graduate education
11.	Do you suppo of promoting								☐ high scho	ool 🗆 some col	ege	iii post-graduate education
	park? (Check			The state of the s	yes	□ no	i iii uiis	19.	What is you	ır ethnic origin? (C	heck only	one box.)
12.	When visiting (Check one bo			w importa	ant are each	of these ite	ms to you?		☐ Asian ☐ Hispanic	☐ African American ☐ Caucasian/White		ive American/American Indian er (Please specify.)
			Very			Very	Don't	-	_			
-	being free of lit	tortrach	Important	Important	Unimportant	Unimportant	Know	20.				ly limits one or more life activities
b.	having clean re			0		0			or might rec	quire special accon	nmodation	57
C.	upkeep of park	THE RESIDENCE OF THE PERSON NAMED IN		0	200				□ yes	If you what disal	ility or dis	sabilities do you have?
d.	having a helpfu								□ no	ii yes, wilat uisai	mity of the	sabilities do you liave:
	friendly staff								- 110	-		_
e.	access for pers	sons with					\$50 PM	21.	What is you	r 5-digit zip code (or country o	of residence, if you live outside the
	disabilities					100 D 3 K			U.S.)?	•		
f	care of natural	NAME AND ADDRESS OF THE OWNER, WHEN PERSONS NAMED IN COLUMN 2 IN C	ALCOHOLD TO BE									
_	interpretive pro	grams	D	0		90		22.	What is you	ir annual househole	income?	0)
h.	being safe											2003. (CONTRACT)
13.	Overall, how s	satisfied a	re you w	ith this vis	sit to Pershir	ng State Pa	rk? (Check		☐ less than ☐ \$25,000 -			0,001 - \$75,000 or \$75,000
								23.		: [1] [1] [1] [1] [2] [2] [2] [2] [2] [3] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4		out your park visit or suggestions
	Very	Corr		D:	No.	Very	3			그 점점 마음을 잃어지면 사내를 보고 있다면 보다 가게 되었다.		ral Resources can make your
	Satisfied	Satis	330-05	100 00000	atisfied	Dissatisfie	a .		experience	in Pershing State F	ark a bette	er one.
	П	-	*		_	ш						
14.	During this vi	sit, how c	rowded d	lid you fee	el? (Circle or	e number.)						
	1 2	3	4	5	6 7	8	9					
Not	at all	Slight	у		Moderately	Ex	tremely					
Cro	wded	Crowd	ed		Crowded	Cr	rowded					
15.	If you felt crow	wded on t	his visit,	where did	you feel cro	wded?						
16.	What is your	age?		17. Gen	der? □ fer	male D] male			THANK YO	III EOD VO	NID HEI D
									YOU A			MISSOURI STATE PARKS.



Table Rock State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Table Rock State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

1.	ls this yo	ur first visit	to Table Rock	State Park? (Check only one box.)								
	□ yes	□ no	If no, how ma	any times have you visited this park in the								
2.	During to	his visit to	the park, are yo	ou staying overnight? (Check only one								
	yes If yes, how many nights are you staying at or near the park during this visit?											
	□ no		to question 4.)									
3.	□ camp	ground in Ta	able Rock State RV/trailer/c cilities nd									
4.	With wh	om are you	visiting the pa	rk? (Check only one box.)								
	□ alone			s 🗆 club or organized group								
	☐ family	□ fi	riends	□ other (Please specify.)								
5.	(Check a	ill that apply.)	you engaged in during this park visit?								
			wimming	☐ attending interpretive program								
	□ camai	j □b	oating oat rental	 □ viewing wildlife □ studying nature 								
			arasailing	☐ attending special event								
			cuba diving	☐ other (Please specify.)								
				(, 4),								

6.	How satisfied are you with each of the following in (Check one box for each feature.)	in Table Rock State F	Park?
	View	Mari D	

(Crieck dile box for ea	Very Satisfied	Satisfied	Dissatisfied		Very satisfied	Don't Know
campgrounds						
park signs						
picnic areas						
swimming area						
marina			0			
boat ramps						
marina store				1		
marina parking						
interpretive programs						
how do you rate Tab	ire.)	Excelle	nt Good	Fair	Poor	Don't Know
being free of litter/tras				0		0
having clean restroom				0	0	
upkeep of park facilities			-			0
having a helpful & frie		ies 🗆				
access for persons wit care of natural resource		les L	0			0
CONTRACTOR OF THE PROPERTY OF	Management of the last of the	0	0	0		0
providing interpretive p being safe	programs		0		0	
If you did not rate thi rating?	is park as	197 0	141 50		o Aroma	10401
Which of the followin	-			eling o	of being	safe at
more lighting where?			improved to increased	visibility	of park	
☐ less crowding			less traffic			
□ nothing specific	***		designated			ch
☐ improved upkeep or	f facilities	_	other (Plea		oifu l	



PLEASE TURN SURVEY OVER.



Do you support setting system in order to gua						15.	During	this	visit, h	ow cr	wded	did yo	ou feel? (Circle on	e num	ber.)
exceed \$7.00? (Check			arging a re □ yes	□ no	e not to		1	2	3		4	5	6	7	8	9
thotte triber forbar	only one be	<i></i> /	_ ,~~			Not	at all	-	·	Slightly		•	Mode	rately	•	Extremely
11. Do you support estable of promoting recycling						1,7,7,7,7	wded		(Crowde	i			wded		Crowded
park? (Check only one			⊐ yes □			16.	If you	felt cr	owdec	on th	s visit	, wher	e did you	feel cro	wded?	•
12a. A marina expansion temporarily reduce to support this proposal	he number	of lakesio	de basic ca			17.	What	is you	ır age'	?		18.	Gender?	□ fen	nale	□ male
□ yes If yes,	why?					19.	What	is the	highe	st leve	l of ed	ucatio	n you ha	ve comp	leted?	(Check only
□ no If no,	why?				*		one b	ox.)								
☐ no opinion								de sch			cationa me col			-		ear college education
12b. Do you believe marin	na growth s	hould co	ntinue? (C	heck only on	e box.)											
						20.	Wnat □ Asi			rican A			only one b Native An	Contract to the contract of		ladios.
□ no				2			☐ His	T	100	aucasia			Other (Ple			incian
□ yes If yes, should be a	na growin	iimits be i	established	r Li yes	LI NO		LITIS	pariic		autasia	III AAIIIE		Outer (Fie	asc spec	ny.,	
13. When visiting any state		importar	nt are each	of these ite	ms to you?			30.00								
(Check one box for each				110		21.							ntially lim ations?	its one o	or mon	e life activiti
	Very	Important	Unimportant	Very Unimportant	Don't Know		□ yes	_					r disabili	tine do u	ou has	?
a. being free of litter/trash							□ no		" y	3, WIII	it uisa	omity c	n uisabili	ues do y	ou mai	61
b. having clean restrooms									_							
c. upkeep of park facilities	0	0	0	0	0	22	What	is vou	r 5-die	nit zip	code (or cour	ntry of resi	dence if	vou liv	e outside the
d. having a helpful &										J P			, 0	201100, 11	,	o outoide pro
friendly staff							0.0.,	_								
e. access for persons with		2000			100000000	23.	What	is you	r anne	ual hou	sehol	d inco	me?			
disabilities	0	0	0	D	0			s than					\$50,001	- \$75.000)	
f. care of natural resources								5,000 -					over \$75			
g. providing interpretive prog	grams□	0	O		-0			10000		000		10				
h. being safe						24.										or suggestionake your
 Overall, how satisfied a (Check only one box.) 	are you wit	h this visi	it to Table R	Rock State F	Park?								a better o			you
Very Satisfied Sati	sfied	Dissat	fisfied	Very Dissatisfie	d											



Trail of Tears State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Trail of Tears State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

1.	Is this yes	our first vis		s State Park? (Check only one box.) by times have you visited this park in the								
2.		nil of Tears only one box	지근 시간하면 하는 것이 없는 것이 되었다. 그 바람이 되었다.	ary destination during your visit? ☐ no								
3.	During this visit to the park, are you staying overnight? (Check only one box.)											
	□ yes	this visit?										
	□ no	(If no, skip	to question 5.)									
4.	□ camp □ nearb □ nearb □ friend	ground in T	rail of Tears State RV/trailer/ca cilities									
5.	With wh	om are you	visiting the park	(? (Check only one box.)								
				□ club or organized group								
	☐ family		riends	☐ other (Please specify.)								
6.	Which recreational activities have you engaged in during this park visit? (Check all that apply.)											
	☐ picnic	king 🗆 :	studying nature	□ attending interpretive program								
			viewing wildlife	□ attending a special event								
	□ camping □ boating in lake □ visiting the visitor center □ swimming □ boating in river □ other (Please specify.)											
	□ swimi	ming 🗆 l	boating in river	□ other (Please specify.)								
	☐ hiking		horseback riding									
	□ walkir	ng 🗆	backpacking									

7.	How satisfied are you with each of the following in Trail of Tears State Park
	(Check one box for each feature.)

		Very Satisfied	Satisfied	Dissatisfied		ery satisfied	Don't Know
a.	campground				013		
b.	park signs						
C	picnic area	D	0		10-16-	0	0
d.	swimming area						
e.	boat launches	D	0	0	1	D	- 0
f.	trails	П					
g.	interpretive programs	0	0	0	COT.	0	0
8.	How do you rate Trai one box for each featu		State Park	on each o	f the fo	llowing	? (Check
			Excellen	Good	Fair	Poor	Know
a.	being free of litter/trast				0		
b.	having clean restroom						
C.	upkeep of park facilitie	*	0		D		0
d.	having a helpful & frier						
e.	access for persons wit	DISTRIBUTION OF THE PARTY OF TH	ies 🗆		0	0	0
2000	care of natural resource	the contract of the latest desired					
f.					10000		THE PERSON NAMED IN
BEET		nformation					
f. g. h.	providing interpretive in being safe	nformation		0	0	0	
g. h.	providing interpretive i	S 19770					
g. h. 9.	providing interpretive i being safe If you did not rate thi	s park as	excellent o	on being sa	ife, wha	at influe	nced you
g. h. 9.	providing interpretive is being safe. If you did not rate this rating? Which of the following.	s park as	excellent o	on being sa	afe, whateling o	at influe	nced your
g. h. 9.	providing interpretive is being safe If you did not rate this rating? Which of the following Trail of Tears State P	s park as	excellent o	ase your fe	eling o	f being vior of o	nced your
g. h. 9.	providing interpretive is being safe If you did not rate this rating? Which of the following Trail of Tears State Polymore lighting where? I less crowding nothing specific	s park as	excellent o	ese your fe	eling o	f being vior of o	nced your
g. h. 9.	providing interpretive is being safe If you did not rate this rating? Which of the following Trail of Tears State Part of Te	s park as	excellent o	ase your fe	eling o	f being vior of o	nced your





11. Do you support system in order exceed \$7.00?	r to guarante	e a site,	and char	ging a rese	ervation fee		19.	What is the one box.)	highest level o	of educatio	n you have completed? (Che	ok only
12. Do you support	t establishin	g a "carr	y in and o	arry out" s	system as a	means		☐ grade sch ☐ high scho		tional school e college	ol ☐ graduate of 4-year co ☐ post-graduate educati	
of promoting re park? (Check o			g the burd			i uns	20.	What is you	ır ethnic origin	? (Check o	only one box.)	
13. When visiting a (Check one box			mportant :	are each of	these items	s to you?		☐ Asian ☐ Hispanic	☐ African Ame ☐ Caucasian/		Native American/American Indian Other (Please specify.)	
	10	Very		Malanastast	Very	Don't		_				
a. being free of litter		Important	Important	Unimportant	Unimportant	Know	21.				ntially limits one or more life a	ctivities
Seminarior of the Contract of								or might red	quire special a	ccommoda	itions?	
b. having clean restr								_			F 1399 1 1 1	
c. upkeep of park fa		-						□ yes	If yes, what	disability o	r disabilities do you have?	
 d. having a helpful 8 			The same of		THE REAL PROPERTY.	THE REAL PROPERTY.		□ no	16			_
e. access for person	IS WILL					-				10. 4 - 110.40 - 270.20 10.10 10.10		
disabilities	The second						22.		ır 5-digit zip co	de (or cour	ntry of residence, if you live outs	de the
f. care of natural res	DAVING MICHIGANI LOS							U.S.)?				
 g. providing interpre 	tive informati		0	0					- 9-41-7-1007-246-7-8-1007		NAME OF THE RESERVE O	
h. being safe							23.	What is you	r annual house	ehold inco	me?	
14. Overall, how sa (Check only one	***	ou with t	his visit t	o Trail of T	ears State P	ark?		□ less than □ \$25,000 -	내 얼마나면 사이를 하시다.		\$50,001 - \$75,000 over \$75,000	
Very					Very		24.	Please write	any additiona	l comment	ts about your park visit or sug	nestions
Satisfied	Satisfied		Dissatisfi	ed	Dissatisfied		24.				Natural Resources can make y	
											rk a better one.	00.
15. During this visi	it, how crow	ded did y	you feel?	(Circle one	number.)							
1 2	3 4	5	6	7	8 9	9						
Not at all	Slightly		Mod	derately	Extre	mely						
Crowded	Crowded		Cr	owded	Crow	vided						
16. If you felt crow	ded on this	visit, who	ere did yo	u feel crow	vded?							
17. What is your a	ige?	18.	Gender	? 🗆 fema	ale □r	male						
									526353			



Harry S Truman State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Truman State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

ab	out manag	ging this part	k. Thank you for your	time.
1.		our first visit		rk? (Check only one box.) mes have you visited this park in the
2.	During th ☐ yes	If yes, how this visit?	w many nights are y	ring overnight? (Check only one box, ou staying at or near the park during
	□ no	(If no, skip	to question 4.)	
3.	□ camp □ neart □ neart	ground in Tr	uman State Park RV/trailer/campe cilities	ng? (Check only one box.) er
	□ other	(Please spe	cify.)	-
4.	in compa one box.) ☐ no exp ☐ no diffe	perience to co erence in State Park	Army Corps of Engir	the Truman State Park campgrounds neers campgrounds? (Check only perior
		n State Park	campgrounds are inf	erior
5.	With who	om are you	visiting the park? (C	Check only one box.)
	☐ alone ☐ family		amily and friends riends	☐ club or organized group ☐ other (Please specify.) —

☐ picnicking ☐ fishing ☐ camping ☐ hiking ☐ walking How satisfied	□ swimm □ boating □ boat re □ viewing	-					rogram
☐ camping ☐ hiking	□ boat re	3		□ attendin			
☐ hiking ☐ walking				□ other (F	~ .		
□ walking						,	
. How satisfied	□ studyir						
(Check one bo	ox for each fea Ve	ature.) ry			v	ery	Don't
campground	THE RESERVE TO THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	sfied	Satisfied	Dissatisfied	DISS	satisfied	Know
			0		No. of Lot		
park signs picnic areas			0	0	1	0	
-					-		
swimming be marina	2000	3	0	0	-	0	0
				0			
hoat ramos	-1					_	
The second secon		-		D	150	П	П
park store	5	3	0		49		
park store trails interpretive p	programs C		0	0	llowing	0	0
park store trails interpretive p	orograms C		D Park on each	h of the fo]? (Che	ck one
park store trails interpretive p How do you r for each featur	orograms C rate Truman S		0	0	llowing Fair	0	ck one
park store trails interpretive p How do you r for each feature being free of	orograms C rate Truman S re.)		Park on each	h of the fo	Fair]? (Che	ck one Do Know
park store trails interpretive p How do you r for each feature being free of having clean	orograms C rate Truman S re.)		Park on each	h of the fo	Fair]? (Che	ck one Dor Know
park store trails interpretive p How do you r for each featur being free of having clean upkeep of pa having a help	rate Truman S re.) litter/trash restrooms ark facilities oful & friendly	State	Park on each	h of the fo	Fair	? (Che	ck one
park store trails interpretive p How do you r for each feature being free of having clean upkeep of pa having a help access for pe	rate Truman S re.) litter/trash restrooms ark facilities oful & friendly ersons with dis	State	Park on each	h of the fo	Fair	? (Che	ck one
park store trails interpretive p How do you r for each feature being free of having clean upkeep of pa having a help access for pe	rate Truman S re.) litter/trash restrooms ark facilities oful & friendly ersons with dis	State	Park on each	h of the fo	Fair	? (Che	ck one
park store trails interpretive p How do you r for each feature being free of having clean upkeep of pa having a help access for pe care of nature	rate Truman S re.) litter/trash restrooms ark facilities oful & friendly ersons with dis	State	Park on each	Good	Fair	Poor	ck one

6. Which recreational activities have you engaged in during this park visit?





Trur	thich of the following would most increase your feeling of being safe at numan State Park? (Check only one box.) I more lighting improved behavior of others						at	18.	one box.)	highest level of edu	ication yo	ou have completed? (Check only
	United States of the Control of the	ng .		and the second second second		of others of park staff			□ arada ech	nool 🗆 vocational	cebool	graduate of 4-year college
	where? _ ss crowdi	00			affic conges				□ grade sch □ high scho			post-graduate education
	othing spe				Please spec				Li nigni scho	O LI SOTTIE COIN	.gc	□ post-graduate ecucation
		pkeep of facili	ties	Li Other (r lease spec	my./		19	What is you	r ethnic origin? (C	heck only	one box I
	Carlotte Control of the Control of t	aw enforceme						13.	Wilat is you	i cumic origin: (or	roun unity	one box.)
	icreaseu ii	aw emorceme	nt patror						☐ Asian	☐ African American	□ Nat	ive American/American Indian
of p	romoting	ort establishi recycling an	d reducing t	the burder	n of handlin	g trash in t			☐ Hispanic	☐ Caucasian/White		er (Please specify.)
park	? (Check	only one box	.)		es	□ no						
		any state pa ox for each fea		portant are	e each of th	ese items to	you?	20.		e a disability that su quire special accom		ly limits one or more life activiti s?
			Very Important	Important	Unimportant	Very Unimportant	Don't Know		□ yes □ no	If yes, what disab	ility or dis	sabilities do you have?
-	free of litt			0								
	g clean re							21.	What is you	r 5-digit zip code (o	r country o	of residence, if you live outside the
	ep of park			0	0				U.S.)?	36 55 M	- 9	850
		8 friendly sta							5838			
		ons with disab		D	D			22.	What is you	r annual household	income?	1
11		resources										
		retive informa		D	0				□ less than	\$25,000	□ \$50	0,001 - \$75,000
h. being	safe								□ \$25,000 -	\$50,000	□ ove	er \$75,000
		satisfied are	you with thi	s visit to	Truman Sta	te Park? (C	heck	23.	Please write	any additional con	nments al	bout your park visit or suggesti
only	one box.)					Very			on how the	Missouri Departme	nt of Natu	ral Resources can make your
		Satisfied	Satisfie		atisfied	Dissatisfied			experience	in Harry S Truman S	State Park	a better one.
14. Duri	ing this v	isit, how crov	vded did yo	u feel? (C	ircle one nu	mber.)						
1	2	3 4	5	6	7	8 9						
Not at all Crowded		Slightly Crowded		Moder Crow		Extreme Crowde	*					
15. If yo	u felt cro	wded on this	visit, where	e did you	feel crowde	d?						
_												
16. Wh	at is you	r age?	17.	Gender?	☐ female	☐ mai	е			THANK YO	U FOR YO	OUR HELP.

YOU ARE ALWAYS WELCOME IN MISSOURI STATE PARKS.



Wakonda State Park



The Missouri Department of Natural Resources and the University of Missouri are seeking your evaluation of Wakonda State Park. This survey is voluntary and completely anonymous. Your cooperation is important in helping us make decisions about managing this park. Thank you for your time.

1.	Is this you	ur first visi	t to Wakonda State F	Park? (Check only one box.)						
	□ yes	□ no	If no, how many ti past year?	mes have you visited this park in the						
2.	_	his visit to	the park, are you sta	ying overnight? (Check only one						
	box.)	Second less than								
		this visit?	?	ou staying at or near the park during						
	□ no	(If no, skip	to question 4.)							
3.	□ campo □ nearby □ nearby □ friends	ground in W tent E y lodging fa y campgrou s/relatives	/akonda State Park □ personal RV/trailer/o cilities	ring? (Check only one box.) camper □ RV rental						
4.	With who	With whom are you visiting the park? (Check only one box.)								
				☐ club or organized group						
				☐ other (Please specify.)						
5.				engaged in during this park visit?						
	(Check a	ll that apply	/.)							
	□ picnicl	king	☐ innertube rental	□ birdwatching						
	☐ fishing	1	□ boating	□ viewing wildlife						
			□ boat rental	☐ studying nature						
	□ swimn	ning	□ canoeing	□ attending interpretive program						
	□ walkin		□ canoe rental	□ attending special event						

6.	How satisfied are you with each of the following in W	akonda State Pa	rk?
	(Check one box for each feature.)		

		Very				ery	Don't
		AND DESCRIPTION OF THE PERSON NAMED IN	Satisfied	Dissatisfied	Dist	satisfied	Know
3.	campground				0.03		
).	park signs				_		
2	picnic areas					0	
	swimming beach						
1	boat ramps	0		0			
	RV rental						
	food concession			D	1910		
L.	boat rental						
	interpretive programs			0			
	How do you rate Wal box for each feature.)		Excellent	Good	Fair	Poor	Don't Know
	being free of litter/trasl			0	0		
Ċ	having clean restroom	Arrive					
	upkeep of park facilities		0	0	0		
	having a helpful & frier	MEMORY STREET,					
-	access for persons wit			0			
	care of natural resource	ACCUSED NAMED IN COLUMN 2 IN C					
	providing interpretive i	ntormation		0	0		
*	being safe						
3.	If you did not rate thi rating?	s park as e	excellent o	n being sa	fe, wha	at influe	nced yo
).	Which of the followin Wakonda State Park		ily one box.)		F04074142744	
	more lighting where?		Di	mproved b ncreased v	isibility	of park	
	☐ improved upkeep o	f facilities		ess traffic (_		
	☐ less crowding			other (Plea	se spec	cify.)	
	□ nothing specific						
	□ increased law enfor	cement pat	rol				



PLEASE TURN SURVEY OVER.



10.	10. Do you support setting aside at least 50% of all campsites in a reservation system in order to guarantee a site, and charging a reservation fee not to exceed \$7.00? (Check only one box.) ☐ yes ☐ no						18.	What is the one box.)	highest	level of educ	ation yo	ou have completed? (Check only			
11.	Do yo	u supp	ort establi	shing a	"carry	in and car	ry out" sys	tem as a me			☐ grade sch		ocational some college		 □ graduate of 4-year college □ post-graduate education
			k only one		acomig	□ yes		no		19.	What is you	ur ethnic	origin? (Che	eck only o	one box.)
12.			g any state ox for each			portant are	each of th	ese items to	you?		☐ Asian ☐ Hispanic		can American casian/White		ive American/American Indian er (Please specify.)
					Very			Very	Don't					-	
			u-Ah	l l	mportant	Important	100	Unimportant	Know	20.					y limits one or more life activities
			ter/trash	-							or might red	quire spe	ecial accomn	nodation	s?
			estrooms facilities	No.	0	0		0	0		- <u></u>				
-		MCMINE CONTRACT	ul & friendly	etaff	0			0	0		□ yes	If yes,	what disabil	ity or dis	sabilities do you have?
			sons with di		The second name of the second	0	0	0			□ no	-			-
			resources	i Submitte					0	24	What is you	ur E dinit	zio codo (or	oounfo.c	of recidence, if you live outside the
-	ADDRESS OF THE PARTY OF THE PAR	NO PROPERTY AND PERSONS IN	pretive infor	mation	_	D	0	0		21.		ur ə-aigit	zip code (or	country c	of residence, if you live outside the
	eing sa										U.S.)?				
		II, how ne box.,		are you	with thi	s visit to V	Vakonda St	tate Park? (Check	22.	What is you ☐ less than ☐ \$25,000 -	\$25,000		□ \$50	,001 - \$75,000 r \$75,000
	Very							Very							
	Satisfie					Dissatisfied		ssatisfied		23.	on how the	Missour		of Natu	oout your park visit or suggestions ral Resources can make your er one.
14.	During	g this v	risit, now c	rowae	a aia yo	u teel? (C	ircle one nu	mber.)							
	1 at all wded	2	3 Slight Crowd	2.70.20	5	6 Modera Crowd	ately	8 9 Extremely Crowded							
15.	If you	felt cro	owded on t	this vis	it, where	e did you f	eel crowde	d?							
16.	What	is you	r age?		17.	Gender?	☐ female	□ mak							

1000 151	~	- 1		~
1999 Missouri	State	Parks	Visitor	Surveys

Appendix B. Survey Protocol

Protocol for 1999 Missouri State Parks Visitor Survey

Hi, my name is _	, and I am conducting a survey of park visitors
for Missouri state parks	. The information that I am collecting will be useful
for future management	of State Park.
minutes to complete. A and by completing the s in a drawing for a prize	e page, front and back side, and only takes about 3-5 anyone who is 18 or older may complete the survey, survey, you have the opportunity to enter your name package of \$100 worth of concession coupons. Iduntary, and your responses will be completely
Your input is ver	y important to the management of State Park. Would you be willing to help by
participating in the surv	·
[If no,] Than	k you for your time. Have a nice day.
[If yes,]	
Here is a pencil a	and clipboard with the survey attached (for each

Thank you for taking time to complete the survey. Your help is greatly appreciated. Have a nice day.

respondent). Please complete the survey on both sides. When finished, return the survey(s), clipboard(s), pencils, and prize entry form(s) to me.

	_			_
1999 Missouri	State	Parks	Visitor	Surveys

Appendix C. Prize Entry Form

WIN A PRIZE PACKAGE OF CONESSION COUPONS WORTH \$100

Enter a drawing to win \$100 worth of gift certificates! These certificates are good for any concessions at any state park or historic site. Concessions include cabin rentals, canoe rentals, boat rentals, restaurant dining, horseback riding, etc.

You many enter the drawing by simply filling out the back of this entry form and returning it to the surveyor. Your name, address, and telephone number will be used only for this drawing; thus, your survey responses will be anonymous. The drawing will be held November 1, 1999. Winners will be notified by telephone or mail. Redemption of gift certificates is based on dates of availability through August 31, 2000.

Name:				
Address:				
•				
Phone #:	()		

1000 151	~	- 1		~
1999 Missouri	State	Parks	Visitor	Surveys

Appendix D. Observation Survey

Date	Day of Week	Time Slot	
Weather	Temperature	Park	

	Survey #'s	# of Adults	# of Children	Type of Vehicle	Additional Axles	# of Visits Today	Exit/ Area
1	·					•	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Time Slot Codes:

Weather Codes (examples):

Time Slot $1 = 8:00$ a.m $12:00$ p.m.	Hot & Sunny	Windy
Time Slot $2 = 12:00 - 4:00 \text{ p.m.}$	Cold & Rainy	Sunny
Time Slot $3 = 4:00 - 8:00$ p.m.	Cloudy	Humid