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1998 Katy Trail State Park Visitor Survey

Project Completion Report

Submitted to

**Missouri Department of Natural Resources
Division of State Parks**

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Executive Summary

The purpose of this study was to describe visitors' socio-demographic characteristics, patterns of use, and satisfaction with park facilities, programs and services at Katy Trail State Park (KTSP).

An on-site survey of adult visitors to KTSP was conducted from July to October 1998. Over 1,130 surveys were collected, with an overall response rate of 97%. Overall results of the survey have a margin of error of plus or minus 3%. The following information summarizes the results of the study.

Socio-demographic Characteristics

- KTSP visitors were comprised of nearly equal numbers of males and females, and the average age of the adult visitors to KTSP was 43.
- The highest percentage had completed a four-year college degree or a post-graduate degree and had an annual household income of between \$25,000 and \$50,000.
- The majority of visitors (94%) were Caucasian, 1.5% were African American, 1% were Native American, 1% were Hispanic, and 1% were Asian.
- Almost 2% of the visitors reported having a disability.
- Over two-thirds of the visitors (82%) were from Missouri, and 3% were from Illinois.

- Most visitors came from the St. Louis area with the remainder from communities along the Katy Trail.

Use-Patterns

- About four out of five of KTSP visitors had visited the park before.
- KTSP visitors had visited the park an average of 24.34 times in the past year.
- The average group size was 2.23.
- About 82% of the visitors were day-users.
- Of the visitors staying overnight, almost half stayed in a nearby bed and breakfast, and another 23% stayed in a nearby campground. The average number of nights visitors stayed was 2.7.
- The majority of KTSP visitors visited the park with family (34.5%) and friends (22.5%). Almost one-third (30%) visited the park alone.
- The most frequent recreation activities in which visitors participated were biking, walking, viewing wildlife, and picnicking.

Satisfaction and Other Measures

- Ninety-nine percent (99%) of the visitors were either very or somewhat satisfied overall.

- Visitors were most satisfied with the parking and trail and least satisfied with the availability of drinking water.
- The majority of visitors gave high ratings on being free of litter and trash and being safe.
- Clean restrooms were the area identified as needing the most attention.
- Almost one-quarter (23%) of visitors with safety concerns listed lack of law enforcement and 36% noted unsafe facilities as major safety concerns.
- Almost 32% of visitors to KTSP felt crowded during their visit. More than 30% felt crowded while on the trail.
- Visitors who felt the park was safe also were more satisfied overall and felt less crowded.
- More drinking water availability was the most common additional facility need and was most noted in the Graham Cave section of the trail.

Acknowledgements

Conducting and successfully completing a study of this magnitude and complexity could not have been accomplished without the cooperation of many individuals. About 3,800 visitors to Missouri State Parks participated in the 1998 Missouri State Parks Visitor Survey. Over 1,100 visitors to the Katy Trail voluntarily agreed to provide the information upon which this report is based. In many cases these individuals graciously extended their stay at particular recreation sites so that they could complete the questionnaire. It is clear from their input that these visitors care very much for the recreation resources within the Katy Trail corridor. Their efforts will provide invaluable input into the planning process and providing for more effective and responsive management of these resources.

Many thanks also go to the numerous surveyors who are part of the Katy Trail Volunteer group. These volunteers put in countless hours over the summer administering questionnaires to the 1,100 Katy Trail visitors. Their efforts were tireless and indispensable – indeed, this study and the important information contained within, would not have been possible without them. This group truly embodies the passion and caring for the Katy Trail that was voiced by so many of the visitors to the Katy Trail.

Many thanks also go to the numerous research assistants and students at the University of Missouri who collected the survey data and assisted in the coding and computer data entry of the questionnaires. They are Li-chen Lin, Carrie Robinett, Chris Thoele, and Casey Thornton.

Special Thanks to the Volunteers Who Surveyed Visitors on the Katy Trail, 1998

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Introduction

Background

In 1939, 15 years after Missouri obtained its first state park, 70,000 visitors were recorded visiting Missouri's state parks (Masek, 1974). Today, more than 16 million people visit the 80 state parks and historic parks Missouri offers (Holst & Simms, 1996). The increase in visits to Missouri State parks and historic sites may be due in part to the diversity of sites, resources, and recreational opportunities provided by the state park system. Visitors to state parks have different characteristics and preferences (Donnelly, Vaske, De Ruiter, & King, 1996), and may be attracted to Missouri's state parks and historic sites because of the diversity of resources and recreational opportunities (Holst, 1991).

The DSP recognizes the importance of this diversity, as is evidenced by the mission of the state park system: "To preserve and interpret the finest examples of Missouri's natural landscapes; to preserve and interpret Missouri's cultural landmarks; and to provide healthy and enjoyable outdoor recreation opportunities for all Missourians and visitors to the state" (Holst, 1990, p. 7).

In order to fulfill its mission, state park managers are challenged to determine what recreational opportunities are most sought after by visitors to state parks and to determine how satisfied those visitors are with state park facilities, services, and programs. In order to ensure continued citizen support for the Parks and Soils sales tax, a tax funding state

parks, managers are further challenged to determine whether all demographic populations are benefiting from the recreational opportunities provided at state parks.

To aid in meeting these challenges and to aid in the planning and management processes at recreation sites, surveys of visitors to the various state parks and historic sites should be conducted (TRRU, 1983). Specific information provided by the surveys should include use patterns of visitors to state parks, socio-demographic characteristics of those visitors, and visitor satisfaction of facilities, services, and programs (Lucas, 1985).

Need for Recreation Research

Recreation research has been identified as an important component in planning for recreational needs of visitors, particularly research that examines preferences and behaviors of visitors (Manning, 1986; Yoesting, 1981). In the past, it has been assumed that administrators of recreation sites were omniscient, knowing intuitively what the public wanted and should have in the way of recreational opportunities (Manning, 1986; Reid, 1963; Yoesting, 1981). Managers regarded visitors to recreation sites as static, and did not take into consideration that visitor preferences and desires can change. Because site administrators are not omniscient and visitor preferences do change (Cordell & Hartmann, 1983; Ditton, Fedler, Holland, & Graefe, 1982; Donnelly et al., 1996), studies examining the use patterns, socio-demographic

characteristics, and satisfaction of visitors are necessary for planning, implementing, and improving recreational opportunities.

Little site-specific information is available for state parks and historic sites in Missouri. Much of the survey work done for state parks and historic sites has focused on the state park system as a whole. A need exists for site-specific data to compare visitor information between parks, or to measure changing trends in these parks. Also, a need exists for consistent methodology in visitor surveys, in order that such comparisons and measurements can be made. Manning (1986) reported that many surveys, even when conducted by the same agency, were methodologically inconsistent in recreational activity definitions, data collection techniques, sample sizes and response rates, age of respondents, and question wording and sequence. Any comparison of data would be difficult because of the inconsistent methodologies.

Study Purpose

The purpose of this study is to gain information about visitor use patterns, socio-demographic characteristics, and satisfaction with park programs, facilities, and services.

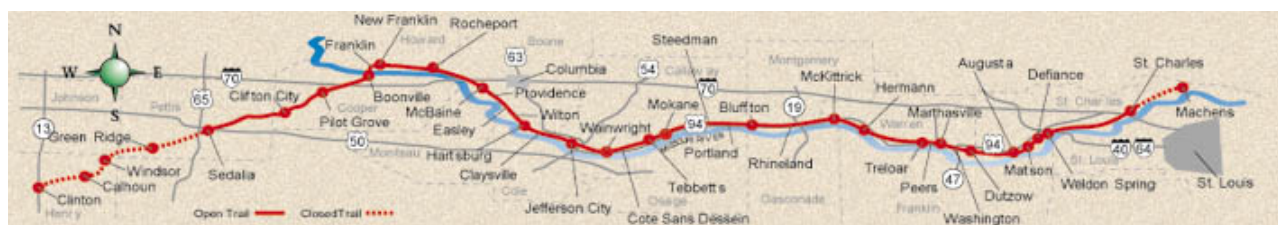
This report examines the results of the visitor survey conducted on the Katy Trail State Park (KTSP), one of the eight parks and sites included in the study. Objectives specific to this report include:

1. Describing the use patterns of visitors to KTSP during the period between July and September 1998.
2. Describing the socio-demographic characteristics of visitors to KTSP.
3. Determining if there are differences in select groups' ratings of park attributes, satisfaction with park features, overall satisfaction, and perceptions of crowding.
4. Determining any differences in select characteristics of visitors who highly rate park safety and those who did not.
5. Determining if perceptions of crowding, safety and satisfaction with facilities influence visitors' overall satisfaction with their visit to KTSP.

Study Area

KTSP is a 200 mile long hiking and biking trail that runs across the state from Sedalia in the West to St. Charles in the East (Figure 1). The KTSP is built on the former railroad corridor of the Missouri-Kansas-Texas Railroad and the first section was converted to a recreation trail and named the Katy Trail

Figure 1. Katy Trail State Park (KTSP) and trailheads.



State Park in 1991.

Much of the gravel trail follows the Missouri River through the state providing opportunities for hiking, biking, nature study and wildlife watching.

Reporting Format

The results from this study are reported by each of the three management regions – Knob Knoster, Rock Bridge, and Graham Cave. Results for each trailhead

and management region are shown in Appendix K. Table 1 lists the three management regions and 21 trailheads surveyed in each region.

Scope of Study

The population under study consisted of all visitors who were 18 years of age or older (adults), and who visited KTSP from July to September 1998. These results reflect only those visitors.

Table 1. Katy Trail management regions and trailheads surveyed.

Graham Cave	Rock Bridge	Knob Knoster
St. Charles	Mokane	Boonville
Greens Bottom Road	Tebbetts	Pilot Grove
Weldon Spring	N. Jefferson	Clifton City
Matson	Hartsburg	Griessen Rd.
Augusta	McBaine	
Dutzow	Rocheport	
Marthasville	New Franklin	
Treloar		
McKittrick		
Portland		

Methodology

Sampling Procedures

A sample of 400 surveys for each of the three management regions would result in a 95% confidence interval (Folz, 1996). A random sample of adult visitors (18 years of age and older) who visited KTSP during the study period were the respondents for this study.

Sampling was conducted by the Katy Trail Volunteer Organization with over 45 volunteers involved in the data collection. Appendix E shows the survey schedule along with the time slots used for each of the management districts and trailheads. Three time slots were chosen for surveying and only one time slot was surveyed per day. The three time slots were as follows: Time Slot 1 = 8:00 a.m. - 12:00 p.m., Time Slot 2 = 12:00 p.m. - 4:00 p.m., and Time Slot 3 = 4:00 p.m. - 8 p.m. A time slot was randomly chosen and assigned to the first of the originally scheduled survey dates. Thereafter, time slots were assigned in ranking order based on the first time slot. For example, the second survey date would be surveyed during Time Slot 3, the third during Time Slot 1, the fourth during Time Slot 2, and so on. This method was also chosen to allow visitors leaving the park at various times of the day an equal opportunity for being sampled.

Questionnaire

The questionnaire used in this study was based on the questionnaire developed by Fink (1997) for the Meramec State Park Visitor Survey. A copy of the questionnaire for this study is provided in Appendix A.

Selection of Subjects

The survey of visitors at KTSP was administered on-site, to eliminate the non-response bias of a mail-back survey. It was determined that survey locations at the trailheads to the Katy Trail would be used to provide consistent sampling procedures. All adults (18 years of age and older) exiting at that particular trailhead were asked to participate in the survey.

Data Collection

During the selected time slot, the surveyor asked every visitor who was 18 years of age and older and exiting the trailhead 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 surveyor 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.

An observation survey was 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 form is provided in Appendix D.

Data Analysis

The data obtained for the KTSP study was analyzed with the Statistical Packages for the Social Sciences (SPSS) (SPSS, 1996).

Frequency distributions and percentages of responses to the survey questions and the observation data were determined. The responses to five open-ended questions, questions 12, 14, 15, 19 and 27, were listed as well as grouped into categories for frequency and percentage calculations.

Comparisons using ANOVA or 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 included:

1. Visitors for each management region.
2. First-time visitors versus repeat visitors (question 1).

Other comparisons were made using t-tests to determine any statistically significant differences in visitors who rated the park as excellent on being safe versus visitors who rated the park as good, fair, or poor on being safe, for the following categories:

1. First-time versus repeat visitors.
2. Management regions.

Additional comparisons include overall satisfaction between visitors who felt some degree of crowding and those who were not at all crowded on their visit.

Results

This section describes the results of the Katy Trail State Park Visitor Survey. Appendix K contains the responses by management area and trailhead. The number of individuals responding to each question is represented as "n=."

Surveys Collected & Response Rates

A total of 1,411 visitors were contacted and 1,371 surveys were collected at KTSP during July and September. Tables 2, 3, and 4 show visitors contacted by day of week, by time slot, and by date, respectively. Of the 1,371 surveys collected, 648 (45.9%) were collected on weekends (Saturday and Sunday) and 723 (54.1%) were collected on weekdays (Monday through Friday). The overall response rate was 97.1%.

Sampling Error

With a sample size of 1,371, a confidence interval of 95%, and a margin of error of plus or minus 3%, there is a 95% certainty that the true results of this study are within plus or minus 3% of the study findings. For example, from the results that 43.5% of the visitors to KTSP during the study period were female, it can be stated that between 42.2% and 44.8% of the KTSP visitors were female.

The sampling error differed at each management area due to the sample sizes collected at each. Graham Cave has a sample error of plus or minus 3.7%, Rock Bridge plus or minus 5%, and Knob Knoster plus or minus 7.2%.

Table 2. Surveys handed out by Day of Week

Day	Frequency	Percent
Sunday	306	21.7%
Monday	165	11.7%
Tuesday	134	9.5%
Wednesday	154	10.9%
Thursday	180	12.8%
Friday	123	8.7%
Saturday	<u>342</u>	<u>24.2%</u>
Total	1411	100.0%

Table 3. Surveys handed out by Time Slot

Time Slot	Frequency	Percent
1. 8 a.m. - 12:00 p.m.	507	35.9%
2. 12:00 p.m. -- 4 p.m.	399	28.3%
3. 4:00 p.m. - 8 p.m.	<u>505</u>	<u>35.8%</u>
Total	1411	100.0%

Table 4. Surveys handed out by date.

Date	Frequency	Percent	Date	Frequency	Percent	Date	Frequency	Percent
23-Jul	47	3.3	1-Aug	39	2.8	1-Sep	14	1
24-Jul	31	2.2	2-Aug	25	1.8	2-Sep	12	0.9
25-Jul	68	4.8	3-Aug	16	1.1	3-Sep	22	1.6
26-Jul	2	0.1	5-Aug	39	2.8	4-Sep	6	0.4
27-Jul	39	2.8	6-Aug	10	0.7	5-Sep	7	0.5
28-Jul	50	3.5	7-Aug	6	0.4	6-Sep	11	0.8
29-Jul	13	0.9	8-Aug	10	0.7	7-Sep	1	0.1
31-Jul	6	0.4	9-Aug	62	4.4	8-Sep	1	0.1
			10-Aug	33	2.3	9-Sep	17	1.2
			11-Aug	10	0.7	10-Sep	26	1.8
			12-Aug	21	1.5	11-Sep	12	0.9
			13-Aug	11	0.8	12-Sep	91	6.4
			14-Aug	1	0.1	14-Sep	2	0.1
			15-Aug	21	1.5	15-Sep	2	0.1
			16-Aug	32	2.3	16-Sep	8	0.6
			17-Aug	22	1.6	17-Sep	33	2.3
			18-Aug	5	0.4	18-Sep	6	0.4
			19-Aug	14	1	19-Sep	32	2.3
			20-Aug	6	0.4	20-Sep	78	5.5
			21-Aug	27	1.9	22-Sep	42	3
			22-Aug	47	3.3	24-Sep	8	0.6
			23-Aug	47	3.3	25-Sep	20	1.4
			24-Aug	36	2.6	26-Sep	18	1.3
			25-Aug	2	0.1	27-Sep	66	4.7
			27-Aug	1	0.1	29-Sep	9	0.6
			28-Aug	9	0.6	30-Sep	21	1.5
			29-Aug	6	0.4	1-Oct	17	1.2
			31-Aug	13	0.9	5-Oct	2	0.1

Socio-demographic Characteristics

Age

The average age of adult visitors to KTSP was 43.05 (Table K1). The highest average age was at the Greens Bottom trailhead (46.2) and the lowest was at Pilot Grove (38.2).

Gender

Visitors to KTSP were almost equally divided between male and female (Table K1). Male visitors comprised 56.5% of

all visitors, and female visitors comprised 43.5% of all visitors.

Education

Over half (58%) of visitors to KTSP indicated they had a four-year college degree or a post-graduate degree (Table K2). Those who indicated they had some college or vocational school were 28.0%, and 14.5% indicated they had a high school education or less. Education levels tended to be higher within the Rock Bridge management region. This is probably due to the close proximity to the University of Missouri-Columbia.

Table 5. Surveys collected by management region and trailhead.

Trailhead	Management Area		
	Graham Cave	Rock Bridge	Knob Knoster
St Charles	122		
Greens Bottom Road	62		
Weldon Spring	122		
Matson	85		
Augusta	101		
Dutzow	84		
Marthasville	32		
Treloar	32		
McKittrick	19		
Portland	44		
Mokane		14	
Tebbetts		18	
N Jefferson		116	
Hartsburg		80	
McBaine		100	
Rocheport		144	
New Franklin		4	
Boonville			89
Pilot Grove			27
Clifton City			44
Griessen Rd			32
Total	703	476	192

Income

The largest percentage (35.0%) of visitors to KTSP reported they had an annual income of between \$25,000 and \$50,000 (Table K3). The second largest percentage (26.7%) of visitors had an income of over \$75,000 and 26.5% were between \$50,000-\$75,000. Visitors falling into the "less than \$25,000" category were 11.8%. Income levels were the highest in the Graham Cave region.

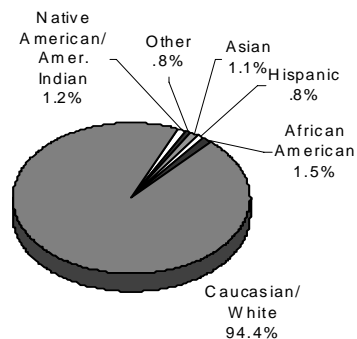
Ethnic Origin

Figure 2 indicates the ethnic origin of KTSP visitors. The vast majority (94.4%) of visitors was Caucasian (Table K1). Less than two percent (1.5%) were African American. Only 1.1% were Asian, 0.8% were Hispanic, and 1.2% were Native American.

Visitors with Disabilities

Only 1.8% of the visitors to KTSP reported having some type of disability that substantially limited one or more life activities or that required special accommodations (Table K4). The majority of disabilities reported were

Figure 2. Ethnic origin of KTSP visitors.



mobility-impairing disabilities, but ranged from asthma and hearing loss to arthritis, and bad knees.

Residence

The majority of visitors were from Missouri (82.3%), Illinois (3.0%), and Kansas (2.3%). Figure 3 shows the residence of visitors by zip code. Most visitors came from the St. Louis area (the Graham Cave region accounted for about 50% of the sample) and around Columbia with the remainder spread out in the communities along the Katy Trail.

Use Patterns

Visit Characteristics

About four out of five (81.0%) of the visitors to KTSP were repeat visitors (Table K5). First time visits were highest in the Rock Bridge region (22.5%). New Franklin and Tebbetts had the highest percent of new visitors - 50%

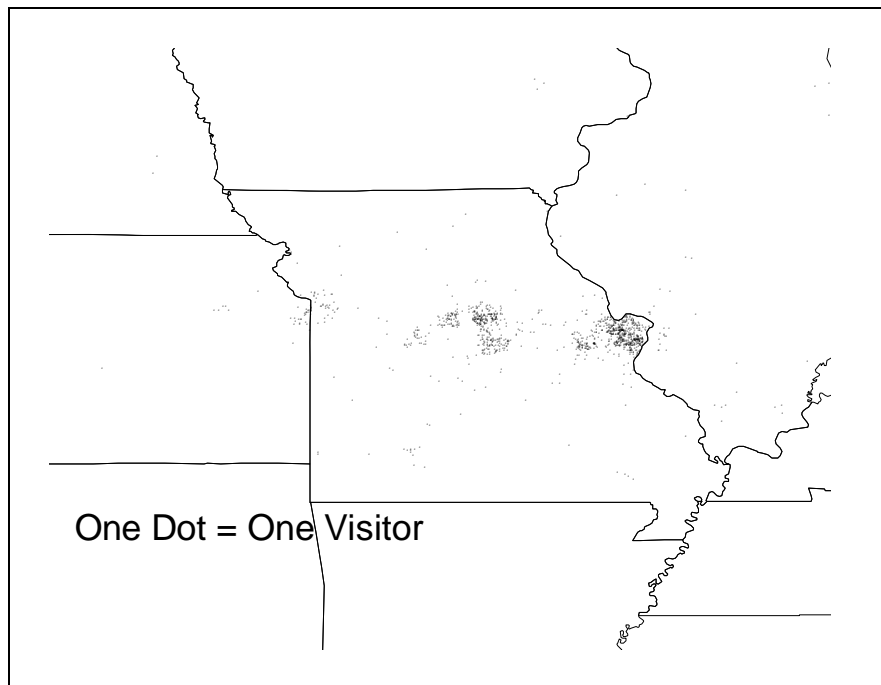
and 44% respectively. The trailheads with the highest repeat visitation were Greens Bottom (93.2%), Hartsburg (92.4%), and Dutzow (91.7%).

The average number of times all visitors reported visiting KTSP within the past year was 24.3 (Table K5). This varied by management area with a Knob Knoster average of 31.6 to Graham Cave with an average of 22.4. There was also variations by trailhead – Mokane averaged 95 visits per year, Boonville averaged 55 while New Franklin averaged 1.75 and Clifton City averaged 4.93 visits.

Average group size on KTSP was 2.23 (Table 6). Group sizes ranged from a high at Augusta (3.5) to a low of 1.45 at Marthasville.

Average distance traveled was about 19 miles (Table K5). There was little variation by management region but

Figure 3. Residence of KTSP Visitors by Zip Code.



varied considerably by trailhead. New Franklin was the longest at 40.5 miles while Rocheport was the shortest at 16.1 miles.

Table 6. Average Group Size by Trailhead.

Trailhead	Average Group Size
St. Charles	1.69
Greens Bottom Road	1.74
Weldon Springs	1.93
Matson	3.36
Augusta	3.55
Dutzow	1.65
Marthasville	1.45
Treloar	3.30
McKittrick	1.94
Portland	2.71
Mokane	2.36
Tebbetts	2.26
N Jefferson	1.86
Hartsburg	2.05
McBaine	2.18
Rocheport	2.25
New Franklin	1.80
Boonville	1.55
Pilot Grove	1.68
Clifton	3.28
Griessen	2.15
Average	2.23

When asked if they had used an official trailhead to access the Katy Trail, 88.1% said they had (Table K5). Those surveyed at Greens Bottom were the least likely (31.6%) to have used a trailhead. Tables K7, K8, K9 show which trailhead visitors used to access the trailhead, access points other than trailheads used to enter the trail, and planned trail exit points respectively.

Most of the visitors (83%) to KTSP during the study period were day-users, with only 17% indicating that they visited the park for more than one day during their visit (Table K6). Visitors in the Knob Knoster region were more likely to be staying overnight (27.7%).

Of those staying overnight, 42.6% stayed at a Bed and Breakfast, 23.3% stayed in a nearby campground, 7.6% stayed at either a friend's or relative's house, 17% stayed in a nearby community, and 9.4% stayed at another type of facility (Table K6). The average number of nights spent on their visit to KTSP was 2.68. This varied from 2.56 in the Graham Cave section to 2.78 for the Rock Bridge area.

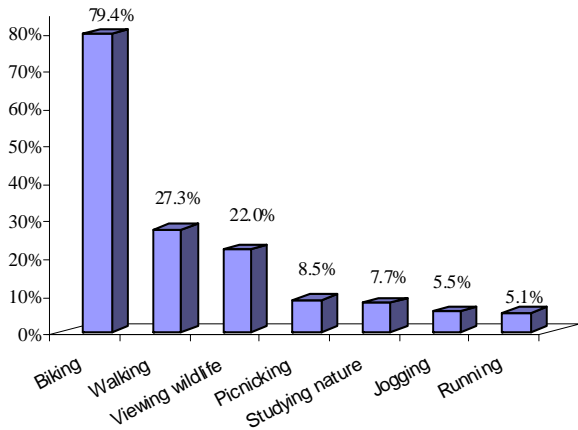
About a third (34.5%) of the visitors to KTSP visited the park with family (Table K10). Approximately one-fourth (22.5%) visited with friends, while 9.4% visited with family and friends, and 30.0% visited the park alone. Only 1.9% indicated visiting the park with a club or organized group.

Recreation Activity Participation

Respondents to the survey were asked what activities they participated in during their visit to KTSP. Figure 4 shows the percentage of visitor participation in the seven highest activities. Biking was the highest reported (79.4%) and walking was second (27.3%). Viewing wildlife, picnicking, and studying nature were next at 22%, 8.5%, 7.7% respectively.

Of the top recreation activities, biking was most often cited in the Graham Cave region (85.2%), walking was highest at Knob Knoster (37.5%), and viewing wildlife was highest in the Rock

Figure 4. Participation in recreation activities at KTSP.



Bridge section (24.4%). Each trailhead showed variation in the recreation activity participation (Table K11).

Satisfaction Measures

Overall Satisfaction

When asked about their overall satisfaction with their visit, over 95% of visitors were somewhat or very satisfied. Visitors’ mean score for overall satisfaction was 3.90 (Table K12), based on a 4.0 scale (4 being very satisfied and 1 being very dissatisfied).

Visitors reported almost identical satisfaction measures for each management region (i.e., no significant differences). Nor was a significant difference found in overall satisfaction between first time visitors and repeat visitors, with mean overall satisfaction scores of 3.89 and 3.9 respectively.

Satisfaction with Park Features

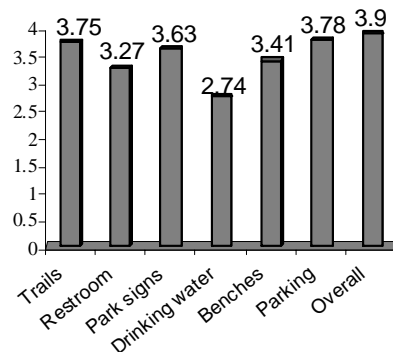
Respondents were also asked to express how satisfied they were with six park features. Figure 5 shows the mean scores for the six features and also for

visitors’ overall satisfaction. Scores ranged from a low of 2.74 for drinking water to a high of 3.78 for parking.

There was a significant difference in the ratings of park signs, drinking water, benches, and parking between management areas (Table K12). Also, significant differences were found between first time visitors to KTSP and repeat visitors in the mean satisfaction ratings of restrooms (first time visitors 3.4, repeat visitors 3.2), drinking water (first time visitors 3.1, repeat visitors 2), and benches (first time visitors 3.6, repeat visitors 3.4).

Table K13 lists visitors’ specific comments about why they reported dissatisfaction with the park features. Over 600 visitors reported reasons with the need for more drinking water comprising about 47% of their reasons for dissatisfaction. Needing more restrooms and benches were cited 14.5% and 11.5% respectively.

Figure 5. Satisfaction with KTSP features



Performance Rating

Visitors were asked to rate the park’s performance on four select park attributes: being free of litter and trash, having clean restrooms, access for persons with disabilities, and being safe (Table K14). Performance scores were based on a 4.0 scale, with 4 being excellent and 1 being poor.

There were significant differences (p<.05) between all the performance ratings by management region. Rock Bridge was rated higher on being free of litter and trash, restrooms, and disability access. Knob Knoster was the highest rated on safety. Respondents who were first time visitors had a significantly higher (p<.05) performance rating of all park attributes.

Importance-Performance Measures

The Importance-Performance (I-P) Analysis approach was used to analyze questions 13 and 16. Mean scores were calculated for the responses of the two questions regarding visitors’ ratings of the performance and importance of

seven select park attributes. Table 7 lists the scores of these attributes, which were based on a 4.0 scale of 4 being excellent and 1 being poor.

Figure 5 shows the Importance-Performance (I-P) Matrix. The mean scores were plotted on the I-P Matrix to illustrate the relative performance and importance rating 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 “higher importance, higher performance” and indicates the attributes in which visitors feel the park is doing a good job. The upper left quadrant indicates that management may need to focus on these attributes, because they are important to visitors but were given a lower performance rating. The lower left and right quadrants are less of a concern for management, because they exhibit attributes that are not as important to visitors.

Table 7. Mean Performance and Importance Scores for Park Attributes

Attribute	Mean Performance Score*	Mean Importance Score*
Being free of litter/trash	3.77	3.89
Having clean restrooms	3.23	3.73
Access for persons with disabilities (all visitors)	3.45	3.33
Access for persons with disabilities (disabled visitors only)	3.54	3.29
Being safe	3.62	3.86

* 1 = Poor performance or low importance rating, 4 = excellent performance or importance rating

Figure 6. Importance-Performance Matrix of Park Attributes

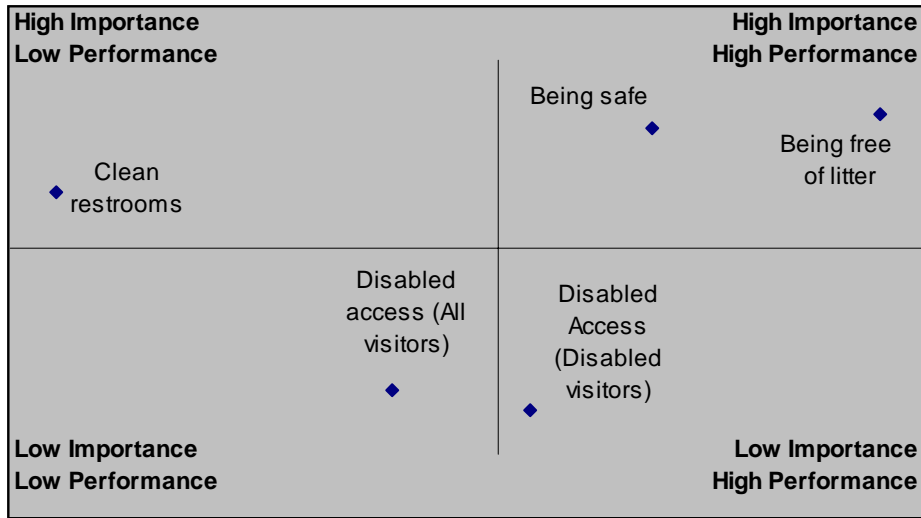
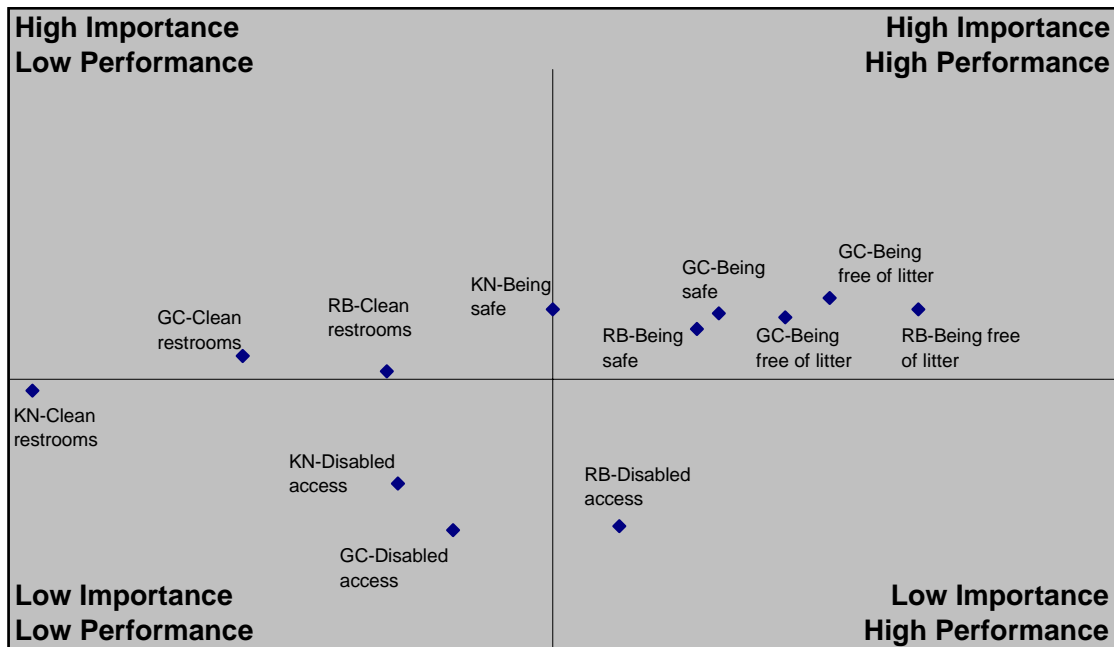


Figure 7. Importance-Performance Matrix of Park Attributes by Management Area



GC=Graham Cave, RB= Rock Bridge, KN=Knob Knoster

KTSP is rated high on the important attributes of being free of litter and being safe (Figure 6). The characteristic that visitors felt was important but rated KTSP low on performance was clean restrooms. Access for the disabled was

rated lower in importance by all visitors, although disabled visitors rated KTSP higher on disabled access than all visitors.

Importance performance ratings by management area are shown in Figure 7. Importance ratings were similar for each management area. Rock Bridge was generally rated higher than the other two management areas on performance.

Crowding

Visitors to KTSP were asked how crowded they felt during their visit. The following nine-point scale was used to determine visitors’ perceptions of crowding:

1	2	3	4	5	6	7	8	9
Not at all		Slightly			Moderately			Extremely
Crowded		Crowded			Crowded			Crowded

Visitors’ average rating of crowding was 1.67 (Table K15). About two-thirds (68.1%) of visitors to KTSP did not feel at all crowded (selected 1 on the scale) during their visit. The rest (31.9%) felt some degree of crowding (selected 2-9 on the scale) during their visit.

Sixty-five visitors who indicated they felt crowded during their visit specified where they felt crowded (Table K15). Of those who reported feeling crowded,

the majority (47.7%) listed specific areas and are shown as “other” (Specific comments are shown in Appendix G). About 32% mentioned feeling crowded on the trail. Only 12.3% indicated they felt crowded at the trailhead and 7.7% indicated the parking lot.

Perceptions of crowding differed significantly ($p < .05$) between management areas. Visitors to the Graham Cave section rated their perceptions of crowding highest while those in the Knob Knoster section rated crowding lowest. There was no significant difference in visitors’ perceptions of crowding between first time and repeat visitors.

Crowding and satisfaction

A significant difference ($p < .01$) was found in visitors’ mean overall satisfaction with their visit and whether they felt some degree of crowding or not. Visitors who did not feel crowded had a mean overall satisfaction score of 3.93, whereas visitors who felt some degree of crowding had a mean overall satisfaction score of 3.87.

Safety Concerns of Visitors

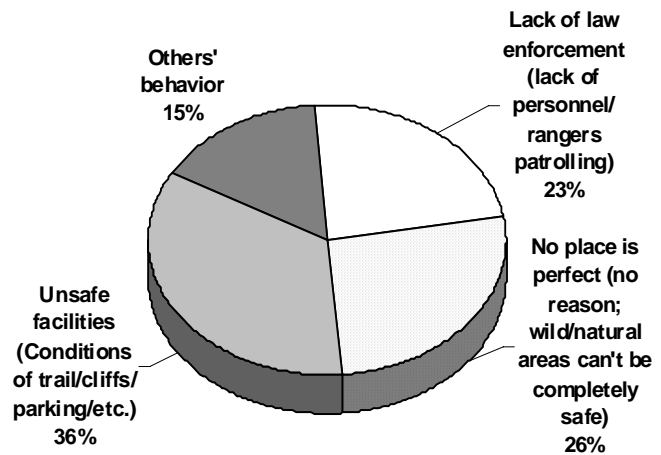
A little over half (55.8%) of the visitors did not rate the park as excellent for safety. Of those, 74.2% noted what influenced their rating. Their comments were grouped into categories and are shown in Figure 8. Appendix H provides a list of the comments.

Almost a quarter (23%) of the responses were related to the lack of law enforcement. Over one-third (36%) of the responses fell into a category that included unsafe facilities, poor maintenance, too crowded, problems with signs, etc. One-quarter (26%) of the responses commented on the dangerous conditions of natural areas. About 15% commented on others' behavior.

There were no significant differences in the rating of safety by first-time visitors versus repeat visitors. To determine if there were differences in socio-demographic characteristics, perceptions of crowding, satisfaction with park features, and overall satisfaction, responses were divided into two groups based on how they rated KTSP on being safe. Group 1 included those who rated the park excellent, and Group 2 included those who rated the park as good, fair, or poor.

A significant difference ($p < .001$) was found between the two groups and their perceptions of crowding. The mean crowded score for those feeling that safety was excellent was 1.54, and the mean crowded score for those having safety concerns was 1.94, indicating that those who rated the park as excellent on being safe also felt less crowded. Group 1 also had a significantly ($p < .01$) higher

Figure 8. Comments from Visitors Not Rating KTSP Excellent on Safety



satisfaction rating of all six park features, had a significantly higher ($p < .001$) rating of park attributes, and had a significantly higher ($p < .01$) overall satisfaction rating.

Needed Katy Trail Facilities

Over 680 KTSP visitors noted the additional facilities or services they would like to see provided on the Katy Trail (Table K16). By far the most common response was more drinking water availability (32.8%) and this was most evident in the Graham Cave section (20.7%). The need for more restrooms was the second most cited facility need (14.5%) followed by camping facilities (10.7%). Complete comments are found in Appendix I.

Additional Visitor Comments

Respondents to the survey were also given the opportunity to write any additional comments or suggestions on how DNR could make their experience

at KTSP better. About 17% of the total survey participants responded to this question. The comments and suggestions were listed and grouped by similarities into 12 categories for frequency and percentage calculations. The list of comments and suggestions is found in Appendix J. Table 6 lists the frequencies and percentages of the comments and suggestions by category and Table K17 lists them by trailhead and management area.

Over one-half (52.4%) of the comments were positive comments, including such comments as: “Keep up the good work,” “Love the trail,” and “Keep things as they are.” The rest of the comments were categorized based on similar suggestions or complaints, such as “no horses”, suggestions and complaints about the trail or an “other” category for suggestions and complaints not fitting into any other category.

Table 8. Frequency and Percentage of Comments and Suggestions from KTSP Visitors

Comments	Frequency	Percent
Generally positive comments	132	52.4%
Other	36	14.3%
Horses should not be allowed on trail	15	6.0%
Continue the trail	13	5.2%
Information signs	12	4.8%
Water needed	11	4.4%
Dogs	8	3.2%
Maintenance of trail	8	3.2%
Camping facilities	8	3.2%
Restrooms needed/cleaner restrooms	6	2.4%
People are inconsiderate	2	.8%
Better patrolling	<u>1</u>	<u>.4%</u>
Total	225	100.0%

Discussion

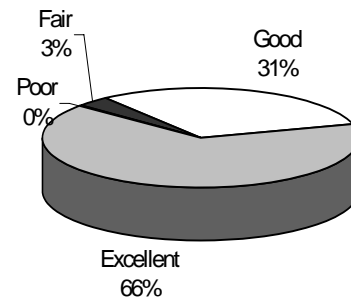
Management Implications

The results of this study provide relevant information concerning KTSP visitors. However, the results should be interpreted with caution. The surveys were collected only during the summer months of July, August, and September; therefore, visitors who visit during other seasons of the year are not represented in the study's sample. The results, however, are still very useful to park managers and planners, because much of the annual visitation occurs during these three months.

Over 86% of KTSP visitors reported that they were very satisfied with their visit to the park. Williams (1989) states that visitor satisfaction with previous visits is a key component of repeat visitation. The high percentage of repeat visitation (81%) combined with their positive comments provide evidence that KTSP visitors are indeed satisfied with their park experience. Over one-half of the visitors who gave comments or suggestions provided positive comments concerning KTSP and its staff.

Safety perceptions of KTSP visitors are an important management concern, as over 55% of visitors did not report an excellent rating of the park as being safe. While visitors have a variety of reasons for not rating the park as excellent, the majority (26%) of the comments given are beyond the control of management. However, a significant percentage of the visitors' responses (23%) were related to a lack of rangers patrolling the trail, unsafe conditions (36%), or others' behavior (15%).

Figure 9. Safety ratings of KTSP.



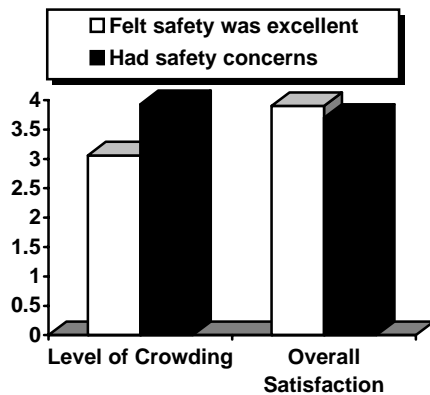
To put the issue of park safety into perspective, almost 97% rated the park as good or excellent, while less than 1% of visitors felt the park rated poor and 3% gave the park a fair rating (Figure 9).

Visitor comments indicate that safety is largely a perceptual issue. Those with safety concerns also felt more crowded and less satisfied than those that rated safety as excellent (Figure 10).

Additional research could focus on the effectiveness of approaches that address visitor safety perceptions (e.g., personnel uniform policies, regularly scheduled patrols, or increased signage).

Crowding is less of an issue at KTSP than many other Missouri State parks although many visitors did note that they felt crowded. Crowding is a perceptual construct not always explained by the number or density of other visitors. Expectations of visitor numbers and the behavior of other visitors also play a significant role in crowding perceptions.

Figure 10. Levels of Crowding and Satisfaction Ratings by Safety Concerns



KTSP visitors who felt crowded had significantly lower satisfaction ratings than visitors who did not feel crowded (Figure 11).

As perceptions of crowding are inversely correlated to overall satisfaction, park managers should address the issue of crowding. One option is to review comments relating to crowding and consider options that would reduce crowding perceptions. For example, most comments listed the trail as where they felt crowded. Further study could determine if crowding perceptions here are due to the number of people or perhaps the behavior of those on the trail. Or maybe, perceptions of crowding are concentrated in certain popular sections of the trail. Providing more information about less-used trail sections might distribute use more evenly.

The results of the present study suggest some important management and planning considerations for KTSP. Even though KTSP visitors rated their visits and the park features relatively high, attention to crowding, safety, and facility

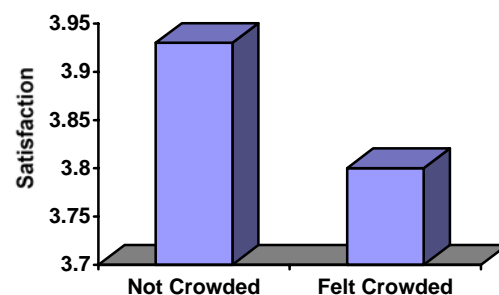
maintenance can positively effect these ratings.

Just as important, on-going monitoring of the effects of management changes will provide immediate feedback into the effectiveness of these changes. On-site surveys provide a cost effective and timely vehicle with which to measure management effectiveness and uncover potential problems.

Research Recommendations

The results of the present study serve as baseline visitor information of KTSP. The frequency and percentage calculations of survey responses provide useful information concerning socio-demographic characteristics, use patterns, and satisfaction of KTSP visitors. In addition, the “sub-analysis” of data is important in identifying implications for management of KTSP. (The sub-analysis in the present study included comparisons using 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.

Figure 11. Overall Satisfaction is Lower For Those Who Felt More Crowded



Therefore, it is recommended additional sub-analysis be conducted to provide even greater insight to management of the park.

Additional visitor surveys at KTSP should also be conducted on a regular basis (e.g., every three, four, or five years). Future KTSP studies can identify changes and trends in socio-demographic characteristics, use patterns, and visitors' satisfaction at KTSP.

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

The present study was conducted only during the summer season. Therefore, user studies in parks and historic sites might be conducted during other seasons for comparison between summer visitors and visitors during other seasons.

Other Katy Trail Studies

Additional information collected from surveys of visitors to the Katy Trail can provide information not collected as part of the 1998 Katy Trail Visitor Survey. The specific study that is summarized here is "A Benefit Segmentation Of The Katy Trail Users At The Rocheport, Mo, Trailhead" (Bichis, 1998) .

A Benefit Segmentation Of The Katy Trail Users At The Rocheport, Mo, Trailhead

By - Mihaela Bichis (1998)

- *The purpose of this study was to determine market segments of Katy Trail users at the Rocheport trailhead and to profile the target markets to be used by the local tourism developers and promoters for advertising purposes. The on-site survey of adult Katy Trail users at the Rocheport trailhead was conducted from June 1, to August 31, 1998. Four hundred and twenty-one surveys were collected, with an overall response rate of 97%.*
- *The average age was 42 years old. 52% males and 48% females. 35% were single and 65% married. Post-graduate education (36%) or graduate education (26%). 25% had an annual household income between \$40,000 and \$60,000; 23% of the users had an annual income between \$20,000 and \$40,000. 85% were from Missouri, 14% from other states and 1% from other countries. In-state geographic distribution: 1) local section of the Katy Trail – 55% of the total sample; 2) central and eastern region - 11%; 3) southeastern region – 0.5%; 4) southwestern region – 3%; 5) western to northwestern region – 15% (this region includes all Kansas City region); 6) northeastern region – 4%.*
- *The largest proportion of the Katy Trail users (66%) found out about the trail through word-of-mouth. The second largest percentage (39%) knew the trail from previous visits. The third source of information was newspaper articles (14%)*
- *27% were first time users of the Katy Trail. Six percent of the total number of users had been using the trail for less than a year. The majority of the Katy Trail users, 67%, had been using the trail for more than a year, with an average of 4.6 years. Fifteen percent of the Katy Trail users started to use the trail as soon as it was opened in 1990.*
- *Most of the Katy Trail users (41%) were medium users (they used the trail 2-12 times per year). The average length of a Katy Trail trip was 2.3 hours. Most of the Katy Trail users were day users (90%). However, 10% were overnight users, with an average of 2.3 nights spent in a hotel, motel, or bed and breakfast situated in the trail area.*
- *80% entered the trail in Rocheport, 11% entered the trail in Columbia (and used the MKT Trail - Katy Trail junction near McBaine), 6% entered the trail in McBaine, and 3% entered the trail using other trailheads. Katy Trail users got to the trail by car (74%), by bike (19%) or on foot, walking (7%).*
- *Most of the trail users were with their families – 59%; 25% used the trail with friends, 6% both with family and friends, 11% used the trail alone, 3% with their coworkers, 1% with their pets. Most of the groups (57%) contained two adults.*
- *Biking was participated in most (68%), followed by appreciating nature (43%) and viewing wildlife (41%), walking (40%), picnicking (7%), jogging (4%) and other activities (3%).*
- *The average total expenditure reported by Katy Trail users in the Rocheport area was \$30.18, 22% did not spend any money. 47% spent money in a restaurant, 17% spent money on lodging, 16% - on food in retail stores, 51% on transportation (to buy gas), 16% - for retail purchases (except food), 17% - on fees (for renting bikes), and 4% - on buying guides or maps of the trail.*

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Appendix A. Katy Trail State Park User Survey

KATY TRAIL STATE PARK

The Missouri Department of Natural Resources is seeking your evaluation of Katy Trail 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 your first visit to Katy Trail State Park? *(Check only one box.)*

yes

no **If no, about how many times have you visited this park in the past year?** _____

2. Did you access a trailhead today to enter the Katy Trail?

yes *(If yes, continue with question 3.)*

no *(If no, skip to question 4.)*

3. Which trailhead did you access today to enter the Katy Trail? *(Check only one box.)*

- | | | |
|---------------------------------------|---------------------------------------|--------------------------------------------|
| <input type="checkbox"/> Griessen Rd. | <input type="checkbox"/> Hartsburg | <input type="checkbox"/> Marthasville |
| <input type="checkbox"/> Clifton City | <input type="checkbox"/> N. Jefferson | <input type="checkbox"/> Dutzow |
| <input type="checkbox"/> Pilot Grove | <input type="checkbox"/> Tebbetts | <input type="checkbox"/> Augusta |
| <input type="checkbox"/> Boonville | <input type="checkbox"/> Mokane | <input type="checkbox"/> Matson |
| <input type="checkbox"/> New Franklin | <input type="checkbox"/> Portland | <input type="checkbox"/> Weldon Spring |
| <input type="checkbox"/> Rocheport | <input type="checkbox"/> McKittrick | <input type="checkbox"/> Greens Bottom Rd. |
| <input type="checkbox"/> McBaine | <input type="checkbox"/> Treloar | <input type="checkbox"/> St. Charles |

4. On this trip, if you did not access a trailhead, where did you enter the Katy Trail? _____

5. On this trip, where are you planning on exiting the Katy Trail?

6. During this visit to the trail, are you staying overnight?

yes **If yes, how many nights are you staying near the trail during this visit?** _____

no *(If no, skip to question 8.)*

7. If staying overnight, where are you staying? *(Check only one box.)*

- nearby campground nearby community lodging facilities
 friends/relatives nearby bed & breakfast
 other *(Please specify.)* _____

8. With whom are you visiting the trail? *(Check only one box.)*

- alone family and friends club or organized group
 family friends other *(Please specify.)*

9. Which recreational activities have you engaged in or will be engaging in during this trail visit? *(Check all that apply.)*

- biking running picnicking
 walking jogging attending special event
 hiking viewing wildlife other *(Please specify.)*
 backpacking studying nature _____

10. What is the average distance you normally travel on the trail during a visit? *(Please specify number of miles.)* _____

11. How satisfied are you with each of the following in Katy Trail State Park? *(Check one box for each feature.)*

	Very Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Very Dissatisfied	Don't Know
a. trail surface	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. restrooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. park signs		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
d. drinking water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. parking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. If you were dissatisfied with any of the above, why were you dissatisfied? _____

PLEASE TURN SURVEY OVER

13. How do you rate Katy Trail State Park on each of the following?

(Check one box for each feature.)

	Excellent	Good	Fair	Poor	Don't Know
a. being free of litter/trash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. having clean restrooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. access for persons with disabilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. being safe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. If you did not rate the trail as excellent on being safe, what influenced your rating? _____

15. What additional facilities or services would you like to see provided along Katy Trail State Park? _____

16. When visiting any state park, how important are each of these items to you? *(Check one box for each feature.)*

	Very Important	Somewhat Important	Somewhat Unimportant	Very Unimportant	Don't Know
a. being free of litter/trash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. having clean restrooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. access for persons with disabilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. being safe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. Overall, how satisfied are you with this visit to Katy Trail State Park? *(Check only one box.)*

Very Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Very Dissatisfied
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. During this visit, how crowded did you feel? *(Circle one number.)*

1	2	3	4	5	6	7	8	9
Not at all Crowded		Slightly Crowded			Moderately Crowded			Extremely Crowded

19. If you felt crowded on this visit, where did you feel crowded?

20. What is your age? _____ **21. Gender?** female male

22. What is the highest level of education you have completed? *(Check only one box.)*

- grade school vocational school graduate of 4-year college
 high school some college post-graduate education

23. What is your ethnic origin? *(Check only one box.)*

- Asian African American Native American/American Indian
 Hispanic Caucasian/White Other *(Please specify.)*

24. Do you have a disability that substantially limits one or more life activities or might require special accommodations?

- yes **If yes, what disability or disabilities do you have?**
 no _____

25. What is your 5-digit zip code *(or country of residence, if you live outside the U.S.)?* _____

26. What is your annual household income?

- less than \$25,000 \$50,001 - \$75,000
 \$25,000 - \$50,000 over \$75,000

27. Please write any additional comments about your park visit or suggestions on how the Missouri Department of Natural Resources can make your experience in Katy Trail State Park a better one.

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

Appendix B. Survey Protocol

Protocol for Katy Trail State Park User 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 the Katy Trail State Park.

The survey is one page, front and back side, and only takes about 3-5 minutes to complete. Anyone who is 18 or older may complete the survey, and by completing the survey, you have the opportunity to enter your name in a drawing for a prize package of \$100 worth of concession coupons. Your participation is voluntary, and your responses will be completely anonymous.

Your input is very important to the management of the Katy Trail State Park. Would you be willing to help by participating in the survey?

[If no,] Thank you for your time. Have a nice day.

[If yes,]

Here is a pencil and clipboard with the survey attached (for each respondent). Please complete the survey on both sides. When finished, return the survey(s), clipboard(s), pencils, and prize entry form(s) to me.

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

Appendix C. Prize Entry Form

**WIN A PRIZE PACKAGE OF CONCESSION 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 may 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, 1998. Winners will be notified by telephone or mail. Redemption of gift certificates is based on dates of availability through August 31, 1999.

Name: _____

Address: _____

Phone #: () _____

Appendix D. Observation Survey

Date _____ Day of Week _____ Time Slot _____
 Weather _____ Temperature _____ Park/Site _____

	Survey #'s	# of Adults	# of Children	Area
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Time Slot Codes:

Time Slot 1 = 8:00 - 12:00 p.m.
 Time Slot 2 = 12:00 - 4:00 p.m.
 Time Slot 3 = 4:00 - 8:00 p.m.

Weather Codes (examples):

Hot & Sunny Windy
 Cold & Rainy Sunny
 Cloudy Humid

Appendix E. Survey Schedule

Survey Schedules

Graham Cave				Rock Bridge				Knob Noster			
	Date	Trailhead	Time		Date	Trailhead	Time		Date	Trailhead	Time
Thursday	7/23/98	1. St. Charles	1 (8-12)	Thursday	7/23/98	1. Mokane	1 (8-12)	Thursday	7/23/98	1. Boonville	1 (8-12)
Friday	7/24/98	2. Greens Bottom Road	2 (12-4)	Friday	7/24/98	2. Tebbetts	2 (12-4)	Friday	7/24/98	2. Pilot Grove	2 (12-4)
Saturday	7/25/98	3. Weldon Spring	3 (4-8)	Saturday	7/25/98	3. N. Jefferson	3 (4-8)	Saturday	7/25/98	3. Clifton City	3 (4-8)
Sunday	7/26/98	5. Matson	1 (8-12)	Sunday	7/26/98	4. Hartsburg	1 (8-12)	Sunday	7/26/98	4. Griessen Rd.	1 (8-12)
Monday	7/27/98	6. Augusta	2 (12-4)	Monday	7/27/98	5. McBaine	2 (12-4)	Monday	7/27/98		
Tuesday	7/28/98	7. Dutzow	3 (4-8)	Tuesday	7/28/98	6. Rocheport	3 (4-8)	Tuesday	7/28/98		
Wednesday	7/29/98	8. Marthasville	1 (8-12)	Wednesday	7/29/98	7. New Franklin	1 (8-12)	Wednesday	7/29/98		
Thursday	7/30/98	9. Treloar	2 (12-4)	Thursday	7/30/98			Thursday	7/30/98		
Friday	7/31/98	10. McKittrick	3 (4-8)	Friday	7/31/98	1. Mokane	2 (12-4)	Friday	7/31/98	1. Boonville	2 (12-4)
Saturday	8/1/98	11. Portland	1 (8-12)	Saturday	8/1/98	2. Tebbetts	3 (4-8)	Saturday	8/1/98	2. Pilot Grove	3 (4-8)
Sunday	8/2/98			Sunday	8/2/98	3. N. Jefferson	1 (8-12)	Sunday	8/2/98	3. Clifton City	1 (8-12)
Monday	8/3/98			Monday	8/3/98	4. Hartsburg	2 (12-4)	Monday	8/3/98	4. Griessen Rd.	2 (12-4)
Tuesday	8/4/98			Tuesday	8/4/98	5. McBaine	3 (4-8)	Tuesday	8/4/98		
Wednesday	8/5/98	1. St. Charles	2 (12-4)	Wednesday	8/5/98	6. Rocheport	1 (8-12)	Wednesday	8/5/98		
Thursday	8/6/98	2. Greens Bottom Road	3 (4-8)	Thursday	8/6/98	7. New Franklin	2 (12-4)	Thursday	8/6/98		
Friday	8/7/98	3. Weldon Spring	1 (8-12)	Friday	8/7/98			Friday	8/7/98		
Saturday	8/8/98	5. Matson	2 (12-4)	Saturday	8/8/98	1. Mokane	3 (4-8)	Saturday	8/8/98	1. Boonville	3 (4-8)
Sunday	8/9/98	6. Augusta	3 (4-8)	Sunday	8/9/98	2. Tebbetts	1 (8-12)	Sunday	8/9/98	2. Pilot Grove	1 (8-12)
Monday	8/10/98	7. Dutzow	1 (8-12)	Monday	8/10/98	3. N. Jefferson	2 (12-4)	Monday	8/10/98	3. Clifton City	2 (12-4)
Tuesday	8/11/98	8. Marthasville	2 (12-4)	Tuesday	8/11/98	4. Hartsburg	3 (4-8)	Tuesday	8/11/98	4. Griessen Rd.	3 (4-8)
Wednesday	8/12/98	9. Treloar	3 (4-8)	Wednesday	8/12/98	5. McBaine	1 (8-12)	Wednesday	8/12/98		
Thursday	8/13/98	10. McKittrick	1 (8-12)	Thursday	8/13/98	6. Rocheport	2 (12-4)	Thursday	8/13/98		
Friday	8/14/98	11. Portland	2 (12-4)	Friday	8/14/98	7. New Franklin	3 (4-8)	Friday	8/14/98		
Saturday	8/15/98	1. St. Charles	3 (4-8)	Saturday	8/15/98			Saturday	8/15/98		
Sunday	8/16/98	2. Greens Bottom Road	1 (8-12)	Sunday	8/16/98			Sunday	8/16/98	1. Boonville	2 (12-4)

Graham Cave				Rock Bridge				Knob Noster			
	Date	Trailhead	Time		Date	Trailhead	Time		Date	Trailhead	Time
Monday	8/17/98	3. Weldon Spring	2 (12-4)	Monday	8/17/98			Monday	8/17/98	2. Pilot Grove	3 (4-8)
Tuesday	8/18/98	5. Matson	3 (4-8)	Tuesday	8/18/98			Tuesday	8/18/98	3. Clifton City	1 (8-12)
Wednesday	8/19/98	6. Augusta	1 (8-12)	Wednesday	8/19/98	1. Mokane	1 (8-12)	Wednesday	8/19/98	4. Griessen Rd.	2 (12-4)
Thursday	8/20/98	7. Dutzow	2 (12-4)	Thursday	8/20/98	2. Tebbetts	2 (12-4)	Thursday	8/20/98		
Friday	8/21/98	8. Marthasville	3 (4-8)	Friday	8/21/98	3. N. Jefferson	3 (4-8)	Friday	8/21/98		
Saturday	8/22/98	9. Treloar	1 (8-12)	Saturday	8/22/98	4. Hartsburg	1 (8-12)	Saturday	8/22/98		
Sunday	8/23/98	10. McKittrick	2 (12-4)	Sunday	8/23/98	5. McBaine	2 (12-4)	Sunday	8/23/98		
Monday	8/24/98	11. Portland	3 (4-8)	Monday	8/24/98	6. Rocheport	3 (4-8)	Monday	8/24/98	1. Boonville	3 (4-8)
Tuesday	8/25/98			Tuesday	8/25/98	7. New Franklin	1 (8-12)	Tuesday	8/25/98	2. Pilot Grove	1 (8-12)
Wednesday	8/26/98			Wednesday	8/26/98			Wednesday	8/26/98	3. Clifton City	2 (12-4)
Thursday	8/27/98			Thursday	8/27/98			Thursday	8/27/98	4. Griessen Rd.	3 (4-8)
Friday	8/28/98	1. St. Charles	1 (8-12)	Friday	8/28/98			Friday	8/28/98		
Saturday	8/29/98	2. Greens Bottom Road	2 (12-4)	Saturday	8/29/98	1. Mokane	2 (12-4)	Saturday	8/29/98		
Sunday	8/30/98	3. Weldon Spring	3 (4-8)	Sunday	8/30/98	2. Tebbetts	3 (4-8)	Sunday	8/30/98		
Monday	8/31/98	5. Matson	1 (8-12)	Monday	8/31/98	3. N. Jefferson	1 (8-12)	Monday	8/31/98		
Tuesday	9/1/98	6. Augusta	2 (12-4)	Tuesday	9/1/98	4. Hartsburg	2 (12-4)	Tuesday	9/1/98	1. Boonville	1 (8-12)
Wednesday	9/2/98	7. Dutzow	3 (4-8)	Wednesday	9/2/98	5. McBaine	3 (4-8)	Wednesday	9/2/98	2. Pilot Grove	2 (12-4)
Thursday	9/3/98	8. Marthasville	1 (8-12)	Thursday	9/3/98	6. Rocheport	1 (8-12)	Thursday	9/3/98	3. Clifton City	3 (4-8)
Friday	9/4/98	9. Treloar	2 (12-4)	Friday	9/4/98	7. New Franklin	2 (12-4)	Friday	9/4/98	4. Griessen Rd.	1 (8-12)
Saturday	9/5/98	10. McKittrick	3 (4-8)	Saturday	9/5/98			Saturday	9/5/98		
Sunday	9/6/98	11. Portland	1 (8-12)	Sunday	9/6/98			Sunday	9/6/98		
Monday	9/7/98			Monday	9/7/98	1. Mokane	3 (4-8)	Monday	9/7/98		
Tuesday	9/8/98			Tuesday	9/8/98	2. Tebbetts	1 (8-12)	Tuesday	9/8/98		
Wednesday	9/9/98			Wednesday	9/9/98	3. N. Jefferson	2 (12-4)	Wednesday	9/9/98	1. Boonville	2 (12-4)
Thursday	9/10/98			Thursday	9/10/98	4. Hartsburg	3 (4-8)	Thursday	9/10/98	2. Pilot Grove	3 (4-8)
Friday	9/11/98			Friday	9/11/98	5. McBaine	1 (8-12)	Friday	9/11/98	3. Clifton City	1 (8-12)

Graham Cave				Rock Bridge				Knob Noster			
	Date	Trailhead	Time		Date	Trailhead	Time		Date	Trailhead	Time
Saturday	9/12/98	1. St. Charles	2 (12-4)	Saturday	9/12/98	6. Rocheport	2 (12-4)	Saturday	9/12/98	4. Griessen Rd.	2 (12-4)
Sunday	9/13/98	2. Greens Bottom Road	3 (4-8)	Sunday	9/13/98	7. New Franklin	3 (4-8)	Sunday	9/13/98		
Monday	9/14/98	3. Weldon Spring	1 (8-12)	Monday	9/14/98			Monday	9/14/98		
Tuesday	9/15/98	5. Matson	2 (12-4)	Tuesday	9/15/98	1. Mokane	1 (8-12)	Tuesday	9/15/98		
Wednesday	9/16/98	6. Augusta	3 (4-8)	Wednesday	9/16/98	2. Tebbetts	2 (12-4)	Wednesday	9/16/98		
Thursday	9/17/98	7. Dutzow	1 (8-12)	Thursday	9/17/98	3. N. Jefferson	3 (4-8)	Thursday	9/17/98	1. Boonville	3 (4-8)
Friday	9/18/98	8. Marthasville	2 (12-4)	Friday	9/18/98	4. Hartsburg	1 (8-12)	Friday	9/18/98	2. Pilot Grove	1 (8-12)
Saturday	9/19/98	9. Treloar	3 (4-8)	Saturday	9/19/98	5. McBaine	2 (12-4)	Saturday	9/19/98	3. Clifton City	2 (12-4)
Sunday	9/20/98	10. McKittrick	1 (8-12)	Sunday	9/20/98	6. Rocheport	3 (4-8)	Sunday	9/20/98	4. Griessen Rd.	3 (4-8)
Monday	9/21/98	11. Portland	2 (12-4)	Monday	9/21/98	7. New Franklin	1 (8-12)	Monday	9/21/98		
Tuesday	9/22/98	1. St. Charles	3 (4-8)	Tuesday	9/22/98			Tuesday	9/22/98		
Wednesday	9/23/98	2. Greens Bottom Road	3 (4-8)	Wednesday	9/23/98			Wednesday	9/23/98		
Thursday	9/24/98	3. Weldon Spring	1 (8-12)	Thursday	9/24/98			Thursday	9/24/98		
Friday	9/25/98	5. Matson	2 (12-4)	Friday	9/25/98	1. Mokane	2 (12-4)	Friday	9/25/98	1. Boonville	2 (12-4)
Saturday	9/26/98	6. Augusta	3 (4-8)	Saturday	9/26/98	2. Tebbetts	3 (4-8)	Saturday	9/26/98	2. Pilot Grove	3 (4-8)
Sunday	9/27/98	7. Dutzow	1 (8-12)	Sunday	9/27/98	3. N. Jefferson	1 (8-12)	Sunday	9/27/98	3. Clifton City	1 (8-12)
Monday	9/28/98	8. Marthasville	2 (12-4)	Monday	9/28/98	4. Hartsburg	2 (12-4)	Monday	9/28/98	4. Griessen Rd.	2 (12-4)
Tuesday	9/29/98	9. Treloar	3 (4-8)	Tuesday	9/29/98	5. McBaine	3 (4-8)	Tuesday	9/29/98		
Wednesday	9/30/98	10. McKittrick	1 (8-12)	Wednesday	9/30/98	6. Rocheport	1 (8-12)	Wednesday	9/30/98		
Thursday	10/1/98	11. Portland	2 (12-4)	Thursday	10/1/98	7. New Franklin	2 (12-4)	Thursday	10/1/98		
Friday	10/2/98			Friday	10/2/98			Friday	10/2/98		
Saturday	10/3/98			Saturday	10/3/98			Saturday	10/3/98		

Appendix F. Visitor Comments - Facility Dissatisfaction

If you are dissatisfied with any of the Katy Trail facilities, why were you dissatisfied?

Graham Cave dissatisfaction comments:

*Would rather have paved surface.
Would like to see more water drinking access
Where are the restrooms?
Water stops would be helpful
Trail ruts where cross streets are. Trash on trail
There are no drinking fountains and only 1 set of restrooms between here and HWY 40
Quarry road needs flattening. Pitman hill needs grounding - unofficial parking area.
Pave the trail.
Not there
Not much drinking water between St. Charles and Defiance.
Not enough.
Not enough sources of drinking water
Not enough places to get water or use the restroom
Not enough of them
Not enough of them
Not enough of either.
Not enough locations to get water
Not enough
Not enough
Not enough
None available
No water, not enough restrooms.
No water available between St. Charles and HWY 40
No water
No drinking water, no restrooms
Need watery source in some stretches.
Need signs at Greensbottom for care to slow down. Cut branches away from mile markers.
Need more water
Need more of each thing
Need more distance , more camp
Need more benches and drinking water.
Need more benches
Need more bathrooms and water
More water if possible for drinking
More parking needed.
Lack of water stations
Lack of any
It would be nice to have water to fill your bottle.
I haven't seen any water fountains or restrooms when walking or working out....that is necessary.
I have to carry water when I leave St. Charles
I did not see any drinking water*

*Drinking water and soda machines and restrooms and benches
Do need water and restrooms
Did not find water at Green Bottom for drinking
Could not find any
Benches, drinking water far apart'
Bad areas where trees hang over
Would like maps and literature about the trail.
Water not readily available and more benches would be nice
There's only 1 real parking lot between St/Charles and Defiance and very few spots for water
There are none.
Restrooms need some ventilation
Not enough restrooms(none at St. Charles) and not many benches from New Franklin to Sedalia
Not enough cold water
Not clean restrooms
Not a lot along the trail
No restrooms in St/ Charles. Hard to find the Tourism Center. Not many benches from New Franklin to Sedalia
No drinking water between St. Charles and HWY 40
Need water.
Need to be spaced more often
Need more water fountains
Need more water
Need more restrooms and water facilities for seniors who use the trail frequently
Need more picnic benches
Have to bring it
Don't know of any drinking water locations.
Bathroom stinks- doesn't get cleaned out
Access to drinking water along the trails would be a plus
Would like less dusty roads
We need a bathroom at every trailhead
Water? Where?
Water
Trailheads need restrooms and water
Trail surface- rain mush, need restroom at Weldon Springs, and need drinking water- we bring our own
Trail surface could be better in places, restroom -none, water- not enough
Thought that restrooms would be more modern.
Running water. And that all trailheads should have drinking water.
Some mile markers knocked over.
Restrooms too far between..need at every trailhead.
Restrooms / no water
Please put some restrooms somewhere
On very hot days - cool fresh water is good.*

Often out of toilet paper
Off of I-94, it was very difficult to locate my entrance/ not very well marked
Not enough restrooms and water fountains.
Not enough restrooms
Not enough rest rooms or benches
Not enough of this type of facilities
Not enough benches and tables
Not enough benches and more restrooms
Not enough benches
Not enough areas to get water west of Weldon Springs access area.
Not enough
Not enough
Not available enough
Non-existent
No water or restrooms in our area
No toilet facilities. No pump for water.
No signs out of St. Charles. Need more benches
No running water. Had to pay for.
No restroom at trailheads
No drinking water
Need water access. Head camping facilities.
Need to be more water
Need restrooms at trailhead
Need periodic restrooms, water, and trash disposal sites
Need more water stations
Need more benches
Need a restroom at trailheads
More benches
Lack of restrooms and water at Weldon Springs
It would be nice to know mileage signs and map.
Couldn't find drinking fountains toward St. Charles.
Few water stops.
Dusty, no restrooms, no drinking water, please pave this surface with blacktop
Drinking water- where?
Didn't see any water.
Depending on where you start, it may be hard to find one
Can't understand mileage signs, no drinking water
Too few
There is not water
There is not enough of them
Restroom needed at Defiance
Put a restroom at Defiance parking lot
Public water along trail would help
Parking areas need better marking
Not much water...never saw any
Not enough restrooms. Shelters at trailheads.
Not enough
Not enough
Not easily available

No water!
No water
No fountain at Defiance. No places to rest - other than standing.
No drinking water
No benches in area
Need water jugs and dispense cups(like a golf course)
Need restrooms at Weldon Springs and Defiance
Need more bathrooms. Weldon Springs needs bathroom- they're are well maintained and clean, just need more
Need more water outlets more restrooms/trailheads where you can put in or stop- we don't like long stretches
Need more water
Need more restrooms
Need more portable restrooms during summer, spring, and fall seasons
Need more access to water spigots to fill water bottle
More water...cleaner restrooms
More mileage markers
More drinking water stops, more bathroom stops.
More access to water
Maps of Katy trail at trailheads
It would be nice if there was access to water at major stops'
Infrequency of service
I haven't seen any places with drinking water
Could not get free air
Better restrooms
Augusta
Would like parking under the interstate 40
13121dge
Would be nice to have water at all the trailheads
Water is not available except through bike shops.
Trail too bumpy-rocks uneven.
Prices too high.
Not enough water sources along the trail.
Not enough public restrooms.
Not enough access-some are dirty
Not enough
Not always available.
No toilet paper at Augusta.
No clear signs or water on the trail.
Need water resources along trail.
Need more bathrooms.
Need more area with water
More water, more parking.
More parking
More drinking fountains if possible
Lack of facilities
It would be nice to pave Weldon Spring Lot.
Need to wash car after parking there.

I'd like discrete mileage markers.
 I was riding with a young child and would have liked more rest stops.
 I think they need more water fountains and signs
 I did not find any drinking water
 Heavy use of restrooms make them unpleasant.
 Hard to find water. Maybe more signs would help.
 Dirty. No running water
 Directions/signage to the trailheads could be improved
 Didn't see much
 Cleaner restrooms. More water stops
 After 1993 flood, took too long to get trail back in shape.
 Water supply is inadequate
 Trail is somewhat dusty
 There needs to be more signage, benches and access to water
 The crest in the middle of the trail makes riding a bit difficult
 Some portable restrooms are not very clean.
 They need to be cleaned on a regular basis.
 Restrooms too rustic, maybe use septic
 Restrooms malodorous and dirty
 Only I place you can get water. Restrooms lousy between Matson and St. Charles. Need one in St. Charles
 Not enough seats
 Not enough benches at some locations
 Not enough access to drinking water
 Not available everywhere indicated
 No water
 No water
 Need more water and signs to show where necessities (food, lodging, etc)
 Need more benches at Dutzow
 More drinking water spots
 Maybe need more spots with drinking water available
 Lack of places to get water
 Lack of availability
 It would be nice to have a few more rest areas
 I plan on bringing my own water, otherwise I have never seen any water available.
 I believe as much as people travel there should be more rest areas and drinking fountains
 Haven't seen drinking water
 Don't like chemical toilets
 Don't get cleaned enough
 Couldn't find restroom at Weldon Springs
 Could not see some markers
 Could not find any drinking water
 Body odor in restrooms
 Where is the water?
 Weldon Springs need Restroom

The gravel surface is rough gravel, hard on the shoes and arches
 Some areas have no restrooms (Weldon Springs)
 Porta potty at Dutzow sometimes needs service
 Not enough, what there is seems to be close together
 Not enough waterspots /no benches
 Not enough water!
 No water along trail.
 No running water
 Need black top where trail is cross by moohires and cavs
 Challenge course off the trail that leads to open view
 Parking inadequate at Defiance for volume
 Not enough water stations.
 No water
 Need more water and benches
 Need more
 Need black top, more benches and water.
 Need better facilities
 More benches along river views would be pleasant.
 Could be more
 Water
 Trail sometimes slopes off on the side. With loose gravel have slid off the sides.
 There is no drinking water
 The trail is washed out quite often. Also there is too much gravel in parts - it's easy to slide.
 Not enough places to get drinking water.
 Need water at trailhead.
 Need more parking and access points.
 Have no source of water
 Drinking water hard to come by, not enough benches.
 Didn't find any.
 D& E non-exist
 Because there is to much distance with out water from Marthasville to Mekittik
 Would like fresh water at all trailheads.
 Very few water locations. Benches few and far between. Need some at pretty locations.
 There's only two fountains at trailheads on the entire trail and running water only at two trailheads.
 Portland don't have water fountains, need more benches and picnic tables. I think it's one of the best things Missouri pio.
 Park signs and New Franklin and Franklin are not clear. On weekdays hard to get food (you don't have food at the same place for camping facility. Camping facilities are not dependable close to their discretion.
 Only 2 places on whole trail to get water. Not many trailheads have benches.

Not enough portapots. There is no drinking water

None

No water at trailheads and no trash cans

No water anywhere, only on porta pots in 30 miles.

No water

Need more water access an colder water.

Need drinking water available.

Need better access to water(cold) more often.

Gravel/trail more rough from W. Jeff to Herman

More fresh water facilities.

I have road tires and gravel, it is not the most fun

Didn't find much access to water.

Couldn't find water easily

Benches

Rock Bridge dissatisfaction comments:

Some parts of trail slope very steep
Not enough restrooms in between
No water to drink and no place to rest
Water is hard to come by at the trailheads
Soft spots
Lack of restaurants and campgrounds available during weekends
Find water
Eating- most of the facilities we passed from sedalia to jeff city have been closed
Couldn't find ours
Could use a little better signage to get to the trailheads on a couple of them
Where is the water?
Water
Trail to soft- stays soft all winter
Trail surface- too much dust, hard on bikes.
Drinking water -sanitary?
Trail surface not maintained. Dogs should not be allowed. The trail surface is filthy. Fi dogs are allowed there should be restrictions
Trail is rough in some areas. Restroom stinks .
Benches- need more
To far between water stops
There are some washed out areas on trail that are very rough
The restrooms are never clean and there is no water fountains form hartsburg to easley
Stinky toilets
Smelly restroom. Dogs not on leashed we see from time to time with people
Restrooms very smelly and dirty at n. Jefferson.
Water fountain not always working properly.
Restrooms are sometimes closed. Would like more benches.
Restroom at mcbaine would be nice
Please emphasize more running water at trailheads
Not nearly enough
Not enough spots for water fill up; trails could be kept cleaner of debris
Not enough drinking fountains at the stops- must buy water at stores
Not enough
No water available
No available "neat" restrooms along trail
New sign just west of n.j. confusing on telephone, especially to non residents of the area
Need water points along trail and airpumps at the trailheads
Need more water fountains along the way
Need more permanent restrooms and water facilities
Need more benches form jeff city west

Need more benches along trail
More benches would enhance the opportunity to step and view the scenery
More benches and telephones
More benches and black top jeff to hartsburg
More benches along the way in shady areas, don't know the quality of the water?
More benches
More benches
Lack of sinks
It would be nice to have water somewhere along the way
Drinking water fountains were hard to find.
Should be at each stop. Some places had much more bathrooms others were disappointed.
Don't have any drinking water on trail
Dogs loose on trail
Benches in shade, please
Are there benches?
Almost no trailheads have water for drinking
Would like to see more trailheads with water
Would like drinking water. Trailheads available at all towns with water pumps etc.
Where is the water?
Water not available at all stops. Restrooms of temporary nature and not always clean.
Water not always available
Water lacking and parking shade would be nice
Tree down mile 100
There are no drinking fountains and there are very few restrooms
Some trailheads have no water available
Restroom could be cleaner
Port-a-pot style restroom is somewhat smelly
Not enough water spots . Hartsburg water does not work
None available on the question of water
No water
No drinking water available
Need water. Doesn't exist
Need to have picnic tables and benches at trailhead in n. Jeff
Need a dew better restrooms and water at more sites
More water sites
Make water cold
It would be nice to have more benches
I would like water access at hartsberg
I haven't noticed many places to get drinking water
Flush toilets would be nice
Either keep dogs off the trail or make owners clean up after them! When trail surface is eroded it takes too long for it to be revised

Drinking water
Drinking fountains along trail for long rides would be nice
Could have more water available
Benches tend to only be along the rivers. None on trail from rocheport to franklin
You have to water out here
You have to carry your own water
Would like mile markers
Where is the water?
Where is the water?
What drinking water? Hot dissatisfied. I carry my own.
What about loose dogs. Need more info about mkt trail columbia and katy spur(like how to get there)
We rode to franklin/new franklin on monday and there was no place to eat
Water taste bad
Water is not available at most trailheads
Unavailable
Trail would be more user friendly if there were drinking fountains where there is water signs.
Trail surface: dusty and bumpy, drinking water- not available at trailheads, parking lots
There is not enough water available in trail
There is no drinking water unless you bring it yourself
Sometimes it would be good to have access to water more often
Signs in franklin and new franklin area confusing and incorrect. No place to get lunch there
Signs (mile) and drinking water could be more accessible
Porta potties are not always clean and equipped.
No drinking water available- must bring your own
Nothing between mcbaine and hatsburg
Not there
Not enough water holes
Not enough places for water and restrooms except at café's and privately owned stores
Not enough drinking water fountains. After the city of columbia, there is no benches
Not enough drinking fountains
Not enough availability of water
Not enough
Not easily accessible- restrooms not often enough, benches no often enough and sign at wilton says restroom but their not public
No water fountains
No water at most stops
No water at most stops
No water at mcbaine/ easley/hartsburg
No water

No water
No restroom at weldon springs
No place to get water
Need restrooms with running water
Need restroom at weldon springs and in depot at boonville
Need more restrooms and water facilities
Need more benches in remote areas
Need more
More water restrooms along the trail
More picnic tables needed in mcbain- about 6
More benches
Limited amounts of water available
It would be nice to have fresh water along the trail.
It would be nice to have water available between towns
Inadequate with water and signs
I would not change anything, except to watch for erosion
I think there should be more restrooms signs and water
I need water when hot
I don't know of any water available except for at some restrooms
Expected drinking water available to public at each trailhead
Because there is not much water
Access to water other than commercial areas
A couple of water fountains would be great every 10 miles or so
Water is often hard to find on the trail, provided mainly by businesses
Water
Trail a little soft in places
Please add a dew drinking water facilities
Not enough water fountains
No water
Need more restrooms and water supply
Need more restrooms
More guard rails along banks would be good
More benches go past the tunnel
Lack of restrooms and water
Lack of benches in less traveled areas
Lack of access to water and restrooms
Lack of above mentioned items
It would be nice to have many more water outlets on trail and more signs to inform of nearest town for rest place (mile marking signs)
Hot enough places to get water
Haven't noticed any drinking fountains on the trail itself
Drinking water- no signs no fountains
Dirty restrooms
Dirty bathroom

*Did not see any water fountains. Would like to see more map signs
Could you put up mile markers*

*Could not find drinking water
Appears there are a few spots (dangerous) where a guard rail would be helpful*

Knob Noster dissatisfaction comments:

Water could be dispersed at various locations.
 Trees down...dog manure..trucks parked in area
 Trail 20 west of Boonville very rough
 There isn't any water where we walk
 There is no water fountains
 There is no water available.
 There is no drinking water available and there is only a porta potty
 Restroom at Rocheport is great! Boonville's is unsanitary. No water at Boonville.
 Restroom at Boonville is temporary and there is no water fountain.
 Porta-pot in bad shape....no water.
 Not enough
 No water available in most areas
 No water at Boonville
 No water
 No water
 No place to drink water
 No drinking water.
 No drinking water
 Never seen drinking water
 Need more water stations along the trail
 Need more water fountains
 Need improvements- no trash cans, bad washrooms and drinking water
 More bathrooms and drinking fountains
 Maybe in some outhouses at least a restroom.
 People can carry their own water.
 Location of water poorly identified.
 Lack of water which would be quite advantageous
 I think they need better restroom facilities
 I think people walking should walk on left.
 I prefer permanent toilets and we have no water at Boonville
 Hiking signs on I-70 could be a little better

From Sedelia to Boonville no water available on trail
 Do not have any.
 Didn't see any water available and would like to see more benches along the trail
 Couldn't find the head, but found it anyway
 No drinking water available at Boonville
 Water is simply hard to find
 Trees and limbs covering surface.
 Trailhead signs could be made a little more noticeable
 Restroom are often not cleaned when stated. But the form's are signed off in blocks when the contractor shows up.
 Not cleaned as frequently as written maintenance indicates. McBaine especially
 No benches, long cracks in trail.
 No benches available
 Need more signs...Griessen Rd.
 It would be nice to have water spigots along the way more often
 Some parts of the trail is in sad shape
 Restroom had wasp nest....sometimes water hard to find.
 Not enough water
 Not enough places for water.
 Not clean
 Not anybody's fault
 No benches
 Need more restrooms and water sites
 Water not available
 Not enough drinking water or restrooms
 Lack of drinking water
 Couldn't find water
 A few rocks or benches would be good for rests.
 Pack my own water

Appendix G. Visitor Comments – Crowding

If you felt crowded on this visit, where did you feel crowded?

Graham Cave crowding comments:

Weekends

Under i-70---a group of about 10 walkers in triple-file.

St. Charles to green bottom

Only near st. Charles because it's easily accessed by many

Near trail head.

At the rehab. Center.

Close to st. Charles

All of trail on weekends

While riding

Trail

The parking lot was filled but everyone is very courteous on the trail.

St. Charles

Parking lot

Parking lot

Parking lot

Not this visit- most crowding is from st. Charles to augusta

Between augusta and defiance.

Only on weekends

Not wide enough for the traffic

Near east end

Closer to st. Louis

Close to augusta on trail

At this survey point

All trail areas.

When people passed us on the trail

People passing the other direction.

Narrow trail.

In the car

Close to the weldon spring head

Augusta to defiance

At trailheads

Around trailheads

Near trailheads

When i fell

St. Charles

Herman

Rock Bridge crowding comments:

Trailhead

Trailhead

Rocheport on both sides of town

Rocheport

Near tervals(?)

Big groups somewhat

Trail narrowing in places

St. Charles

Rocheport/st. Charles

Proper bicycling two a breast and having to come up behind them and pass. They don't expect it when you sneak up on them and they appear upset and can't move aside quickly enough

On weekends and holidays

Near columbia

In town in a good day at the first 2 miles out rocheport

Columbia spur is crowded

Rocheport and st. Charles

Providence

During passing

At the beginning of forum

Actually on mkt

Taking the surveyy -there was a crowd

Rocheport

Not really but bathrooms

Near rocheport

Mostly just when one large group passed a couple times

In the past, it has been crowed near st. Charles

Knob Noster crowding comments:

Sometimes in Rocheport.

Jeff City first 5 miles is crowded and Rocheport is crowded both ways

Appendix H. Visitor Comments - Safety Concerns

Safety comments

If you did not rate this park as excellent on being safe, what influenced your rating?

Graham Cave safety comments:

Wash outs
 Traffic count
 This is only my first time riding on the katy trail
 The dogs nearby.
 Tend not to be any park employees around here
 Small washed out areas
 Secluded.
 Rumors that you shouldn't go alone- no specific reason
 Rain washouts could bounce bike off trail.
 Number of people
 Nothing is safe
 Not enough law enforcement
 No problem so far
 No awareness of problems
 Never had a problem. Looks ok
 More lighting
 Lots of people don't observe trail etiquette.
 I haven't heard of any incidents, but i haven't looked into stats. It seems safe, but the isolation is something to think about
 I have seen some trash along the trail
 Don't think anything is excellent any more
 Do not see many rangers, but i am into self-defense.
 Area.
 A few ruts at clubhouse.
 Women should run together
 Tall grass cover or trees where road is not visible.
 Steep sides in some areas...no rails.
 Some of the dangerous drop offs
 Soft surface along edges causing bikes to slip off trail
 Slowing cars down
 People not paying attention
 No telephones
 More drinking fountains
 It has remote locations that cannot be monitored or viewed.
 I have no personal experience, but heard stories of bullies pestering children
 Crossing stations, especially 9f
 Can't give excellent marks in that area due to lack of experience on trail.
 You just never know
 Washed out part of trail approx. 3/4 mile west of 56
 Traffic
 Too many loose rocks on the side

Sometimes there are trees across the trail or low branches.
 Sometimes it's narrow and some bikers can be rude or thoughtless and ride down the center.
 Some steep slopes on sides of trail
 Sharp turns/corners makes it difficult to see vehicular traffic
 Rocks could fall on your head
 Remoteness of some areas (unavoidable)
 Probably just rumors
 None
 Loose gravel on sides, steep ravines at some point especially on sides of bridges
 It's remote
 Hunters in the fall using the trail or being near the trail
 Hunters close by during deer season
 Gravel caused several falls
 First time
 With others ok, apprehensive about being by myself (woman), asp. Along side country roads
 This is my 1st time and i don't have an impression yet.
 Paint end of road access creates bright so people don't run into them
 On a long trail like this, you will always be alone at some point.
 Nothing is 100%
 Not enough experience with trail
 Mostly an issue of users more than the helmets.
 More water (public)
 Long stretches near roads
 I ride often alone and i am a female
 Gunshots near the missouri bridge
 Gullies
 Can't go alone- if something happened who knows when someone will stop by
 We've had no problems, but talked to a couple who had their bikes stolen on the trail.
 The edges were steep. Possibly falling off.
 The clean trail.
 Steep drop offs along trail, many bikers.
 Some areas close to the river who out quardrails.
 Remote sections- visitors are vulnerable to human predators
 Poisonous snakes
 Nothing is excellent.
 Not familiar enough
 Haven't been on there yet

*Dogs along trail.
Crossing highway
Couple of scary crossings
Blind crossing between
You never know who you might come across
Sometimes it's scary when i'm alone when the
trail is not busy, i have been approached in the
last week by a stranger asking for a date! Very
scary but no harm done.
Some areas along river by tree line need work
Rough trail at times
No way to call for help in needed. Some bikers
don't take care when passing children
No need so don't know for sure
Narrow parts slanted
Low tree limbs and debris on trail
Loose gravel, large stones
It is hard to insure safety anytime you are in the
woods
In my area lots of hunting takes place and shots
are heard frequently and hunters are seen
frequently
I'm a local: sometimes in the evening it gets a
little scary
Have had many problems with dogs-dnr has
been unresponsive
Experience of having a hobo type guy jumping
out of ditch and brush scared me bad.
Dog problems
Define excellent. I feel completely safe on trail
most of the time.*

*Bikers need to say passing on the left as they fly
past walkers
Being the only one on the trail in the evenings
Some washouts
Never had a problem - never see a ranger. Safe
if nothing happens but need emergency phones
Loose gravel
Don't see many rangers
Deep gravel sometimes after re application.
Road crossing with marginal visibility for on
coming traffic (dutzow) probably out of your
control
Other bikers
Don't ever see any patrol.
We had to carry out bikes over a fallen tree
Trail surface drops off too steep sometimes.
Some parts isolated.
Remoteness.
Not enough barriers
No trail is safe anymore.
No patrols and steep ravines off side of road
There was a tree over the trail 2 miles west of
bluffton
The bank of river.
Steep banks, loose rock on bluff.
Some trash.
Gates.
Clear trail
Animals, dogs.*

Rock Bridge safety comments:

*Would like to see more brush cleared
 Own self-walking alone
 Loose ground on sides. You get over to close
 and you get pulled toward ditch.
 Incident on trail 1-4 mile marker june 1997.
 Drunk man. Reported to county law.
 I hope it is safe and haven't had any trouble but
 if i were alone anything could happen
 A shooter at the bridge (auxuse bridge)
 Un-marketed driveways(nearly got hit)
 Road crossings
 After hours i do not see any assistance for
 standard bikers/hikers
 You never know when some one could come out
 of the woods in the secluded areas
 Was warned by man with daughter that he was
 harassed by 2 drunk men and he would advice
 me not to go further
 Trail rough in a few places and it is a little too
 narrow
 The heavy brush on both sides of certain parts of
 the trail
 Some ruts in surface
 Park benches from trailhead .5 mile
 Occasional washouts
 Not enough patrols- very seldom are any
 observed
 No matter where you go these days, there is
 always a level of uncertainty. Once in awhile a
 few days on the trail, but mostly friendly.
 No experience in such
 Lonely sections
 It does make me nervous when i am alone.
 I really don't know. I assume it is safe- i've not
 had any problems
 I never experienced anything negative, but with
 all the bushes and trees it is very possible for
 unsafe conditions to occur.
 Heard about some assaults over the years
 Gate crossing are some what narrow for cyclers
 Easy access on the trail
 Dust
 Don't have strong opinion
 Difficult to say. It would be difficult to make
 safe such an area.
 Condition and experience
 After riding 2 years i have only seen a patrol
 once
 Wild animals
 There will always be unpredicted areas
 Some unsafe riders, excessive speed
 See no means of keeping it safe
 Not enough security
 Not aware*

*More phones- i appreciate the police and
 volunteers in town
 More blond rangers
 Mkt trail in columbia
 Lots of long lonely stretches with no emergency
 phones
 Lighting could be improved
 Light
 Lack of lights/phone access, and a ranger
 present
 I'm not sure anything is excellent
 I know of no problems and people are generally
 very polite. Would like to see phones at
 trailheads
 Have heard about rapes, attacks, etc. On trail
 Females should not bike alone-males do
 Fallen tree, washouts, tall grass nearby
 Don't think there is anything that would make it
 excellent
 Dogs from neighboring farmers
 Well except for a few loose dogs (adjacent land
 owners)
 Too many people- overcrowded trails
 There are areas along the river that are steep
 drop offs-concerned for children
 Some potties are dirty and none at weldon
 springs
 Road intersections
 Road conditions
 Pest incidents involving attacks on women
 Need some patrols
 Murder 4 years ago, girl accosted at stadium
 More rangers
 Long spots where someone could harass a lone
 person
 Lighting
 Isolation
 Ignorance
 Heard that someone had been raped
 Haven't used it enough to know
 Have heard of attacks
 Few patrols mcBaine to hartsburg
 Dogs, farmers
 A few isolated incidents, one being sexual
 assault
 Would like emergency phone access
 Washed out areas still not fixed
 Traffic is high
 Telephone
 Sometimes rough terrain, must watch children
 carefully
 Someloose gravel and rocks
 Some dogs*

*Radio representative today of a women falling
down embankment
Pot holes
On some parts o am weary of the drop off to the
river
Nearby cliffs
More volunteers
More emergency phones
Loose (too much) gravel
Haven't been along it enough to know
Gossip
Gates just a little wider, with highbred
handlebars being very wide, and going so slow
watching for cars at crossroads you are slightly
wobbly*

*Excellent is perfect or near, i believe this is very
good
Drop offs and washouts
Don't know
Dogs
Chance of rock falling from bluffs. Chance of
running bike into river. (but don't put a fence up,
please)
Because nothing is 100% safe
As a woman, i feel safe alone at rocheport on the
trail, but not on the trail in columbia
Accident with bistle, person falling over bluff.
Nighttime in the city!*

Knob Noster safety comments:

*Watch for drug user.
Trees
Too many people coming on from the woods.
Cadets particularly and dogs.
There is no way on any trail that you can keep it safe all day unless you have rangers walking the trail.
There are never any park patrol when I'm walking
There are a lot of rowdy kids on the trail
Surface...lots of people.
Sometimes don't see anyone for miles (when biking)
Some rough spots
Ruts need repair
Road narrow
Restrooms
Perceived fear of being molested if alone
On evening visits frequently see teenagers loafing on trail. Question whether drug sales may be going on
Occasionally when walking I'm unsettled by someone I meet.
Not sure. I feel safer with a group around. I've never had problems
Not sure what could happen so far way from my car
Not much lighting on parking lots.
No personal experiences...have heard of incidents.
Long remote stretches.
Local problems common to all areas
Lack of people on trail could influence crime
I work in a prison- I am just cautious
Heard of problems in Columbia.*

*Element of the unknown, (societal in nature) and trail is not patrolled
Don't know
Dogs
Dogs
Dogs
Build better facilities at trail heads
Being aware of possibility.
Animals
Access to high school- teen facilities-some students like to cause trouble
You never know
The rain has made some of it rough.
Just normal trail things, natural debris and small animals
I am usually on it alone which makes me feel a little unsafe
Hunters in the fall period
Hanging trees over trail. Could be a problem
Cracks
As a woman, you always have to be on the look out for lowlifes. I heard of some women being attacked a few years back.
Uncertainty of help if you should need it.
Ugly man on trail alone and holding a stick.
Soft shoulders
Only feel safe in my house
No park ranger
Never see any one
Local people bothering campers
I have had some scary dog experiences.
Washouts and fallen branches.
No patrols
More signs for trail hazards
Chased by dogs*

Appendix I. Visitor Comments - Facility Needs

What additional facilities or services would you like to see provided along Katy Trail State Park?

Graham Cave facility needs:

Water stop
 Water spigots are major entry points
 Water spigot.
 Water at weldon spring and green bottom
 Water and restrooms
 Water , restrooms
 Water - restrooms
 Water
 Water
 Water
 Trimming things, water bathrooms, and snack shops
 Trash cans
 Trail guide
 Soda
 Snack stands (seasonal)
 Restrooms/drinking water between st. Charles and weldon springs
 Restrooms where clean
 Restrooms and water fountains.
 Restrooms and water
 Restrooms / water fountain
 Rest stops
 Possibly more restroom facility
 Places to get soft drinks
 Picnic areas and drinking water.
 Paved trail.
 More water,
 More water
 More water
 More stores for soda and snacks
 More security.
 More restrooms.
 More restrooms, wineries, and benches
 More restrooms, clean up some of the trail and surrounding land where possible
 More mileage markers
 More drinking water.
 More drinking places
 More bathrooms and water

Mile markers?
 Maybe more water points along the trail
 Map at end of trail(permanent placement)
 Flushing restrooms....more water fountains.
 Flesh out some of the trailheads with more amenities.
 Drinking water
 Don't know...first visit.
 Campsites.
 Camping resources.
 Camping
 Bike service.
 Beverages
 All black top
 A detailed map
 Water, restrooms
 Water fountains.
 Water fountains
 Water fountains
 Water availability and restrooms
 Water and restrooms
 Water
 Water
 Snack shops, vending
 Signs at crossings'
 Possibly more water
 Picnic area here and there
 None-very adequate.
 More water and jonny-on-the-spots
 More water
 More water
 More stops to eat, drink, and picnic
 More restrooms, benches, and water
 More restrooms
 More parking.
 More parking lots
 More parking access near pitman hill road and better packed surface
 More mile markers
 More hiking trails
 More concessions.

More benches
 Maps, and water
 Group activities
 Drinking water stations
 Drinking water
 Benches, restrooms and water
 Benches in shade
 Water, restrooms, public transit access.
 Water, restrooms
 Water, restrooms
 Water spigots
 Water fountains and more toilets
 Water at more trailheads
 Water and restrooms
 Water and bathrooms
 Water
 Water
 Trash cans at benches.
 Toilet / water
 Shuttle to return to car if tired or so you can go further in one direction
 Rock climbing
 Restrooms. Drinking fountains
 Restrooms
 Restrooms
 Restrooms
 Park ranger
 None!!!
 None
 None
 More water stops (free)
 More water
 More water
 More water
 More water
 More water
 More water
 More running water
 More restrooms.
 More restrooms and water fountains.
 More restrooms
 More restrooms
 More drinking water access.
 More bathrooms and drinking fountains
 Metrolink stop.

<i>Just more water.</i>	<i>Air pumps for bikes</i>	<i>Bike rental that is open .</i>
<i>Good restroom every 10 miles or so</i>	<i>Add water, bathrooms further out from towns</i>	<i>1/30 tourney cyclist closed</i>
<i>First aid</i>	<i>Add restrooms</i>	<i>Bike rental</i>
<i>Drinking water</i>	<i>A café with sandwiches, and iced tea, lemonade, etc.</i>	<i>Better restrooms</i>
<i>Drinking fountains. More scenic overlooks at the river</i>	<i>Wind sock</i>	<i>Bathrooms</i>
<i>Custard stand and water fountains</i>	<i>Well marked drinking water faucets</i>	<i>Accessible water fore frequently</i>
<i>Climbing, swimming</i>	<i>Water fountains.</i>	<i>A wind sock for wind direction</i>
<i>Camping for rv's</i>	<i>Water fountains, more benches and more restrooms.</i>	<i>Water fountains</i>
<i>Camping and fresh water</i>	<i>Water</i>	<i>Water</i>
<i>Camping</i>	<i>Water</i>	<i>Property owners along trail to be responsible for dogs</i>
<i>Better signs as well as info on landmarks</i>	<i>Water</i>	<i>Not sure, i like it like it is now</i>
<i>Bathrooms, water</i>	<i>Shuttle buses</i>	<i>None</i>
<i>Another bathroom at weldon springs</i>	<i>Scenic overlook stops</i>	<i>More seats</i>
<i>An 18 hole championship golf course</i>	<i>Sag/bike support</i>	<i>More restrooms</i>
<i>Water fountains</i>	<i>Restrooms</i>	<i>More printed info</i>
<i>Water fountains</i>	<i>Picnic stops, restrooms at a few more locations.</i>	<i>More places to stay in route and more benches and bathrooms</i>
<i>Water fountains</i>	<i>Perhaps more rest stops with restrooms.</i>	<i>More picnic benches</i>
<i>Water fountains</i>	<i>Paved paths</i>	<i>More patrolling- keep hobo off trail</i>
<i>Water</i>	<i>Overnight camping facilities</i>	<i>More fresh water</i>
<i>Running water or some water in rest rooms</i>	<i>None</i>	<i>More drinking water</i>
<i>Restraunts and restrooms</i>	<i>None</i>	<i>More benches is shade areas</i>
<i>Ok as is.</i>	<i>None</i>	<i>More benches beyond treloar</i>
<i>Off road trails with rougher terrain</i>	<i>More water stops and camping.</i>	<i>Moped for those not quite ready for wheelchair</i>
<i>More water, more markers.</i>	<i>More water parking, and camping areas</i>	<i>Drinking water fountains</i>
<i>More water</i>	<i>More water fountains</i>	<i>Drinking water</i>
<i>More restrooms and telephones</i>	<i>More water and restroom at weldon springs.</i>	<i>Camping spots and more water</i>
<i>More restrooms</i>	<i>More restrooms and water fountains</i>	<i>Camping facilities, at least primitive</i>
<i>More benches, there are long stretches in some parts without.</i>	<i>More restrooms and food service</i>	<i>Camping areas</i>
<i>More benches, picnic areas</i>	<i>More restrooms</i>	<i>Camping</i>
<i>More benches and water</i>	<i>More restrooms</i>	<i>Camping</i>
<i>More bathrooms</i>	<i>More drinking water available.</i>	<i>Camping</i>
<i>More bathrooms</i>	<i>Johnny on the spots in between rest rooms.</i>	<i>Camping</i>
<i>I like it the way it is.</i>	<i>First aid stops</i>	<i>Better water, cleaner restrooms</i>
<i>Fine the way it is.</i>	<i>Drinking water</i>	<i>A few more drinking water fountains and recycle containers for aluminum cans and plastic bottles</i>
<i>Continue having benches periodically</i>	<i>Drinking fountains.</i>	<i>Water more often</i>
<i>Camping facilities</i>	<i>Drinking fountains</i>	<i>Water fountains</i>
<i>Bike shuttle service, park setting in little towns providing access to food and water</i>	<i>Drinking fountains</i>	<i>Restroom in weldon spring</i>
<i>Benches, more restrooms always welcome</i>	<i>Drinking fountains</i>	<i>Restroom at weldon springs</i>
<i>Benches</i>	<i>Day phones</i>	<i>Nothing commercial. Free as possible like the solitude</i>
<i>Bathrooms, water</i>	<i>Camping areas and picnic areas</i>	
	<i>Campgrounds</i>	

More water spots
More water and food
More water
More restrooms
More covered areas
More camping possibilities
More benches and food/
water
Camping and water
Camping
Better surface for bikes
Bathrooms at weldon springs
and halfway to green bottoms
road
A little more camping
Water...restrooms
Water...how(?) Is the
question.
Water stops, rest benches
more frequently
Water
Swimming pool
More maps
More campsites and showers
Drinking water.

Camping
Biking should be rough
Water, camping
No
More water stations
More water
More distance signs, more
water stops.
More concessions - drink,
food, restrooms.
More benches, food
available.
More accesses
Just better access to drinking
water.
Drinking fountains
Blacktop it
Backpacking stops for
overnight camping, water.
Water pumps at trailheads
Water on route. Camping
with restroom and showers.
Water
Water
Trail watchers

Tables to stop and eat.
Rain shelter every 10 miles.
Phone
Obvious water stops
Need more benches, water
fountains, picnic tables.
More water
More water
More portapots, water and
horse riding trails
More fresh water.
More food beverage vendors.
More food
More cold water
Keep as natural as possible.
Food places, drinking
fountains, benches for
resting.
Drinking water.
Bike racks at trailhead.
Bike racks and water.
Better restrooms rest areas at
trailheads

Rock Bridge facility needs:

Water stops
Rest areas
Pay phones
None
None
More campsites
Water, food, and much more camping facilities on the trail
Water
Small town business being open- camping near- everything was closed
Points of interest signs
Pay phones
More campgrounds
Flush toilets would be nice
Water, benches, camping
Water stations
Water at trailheads
Telephones
Soda stop
Shops along the way and water fountains
Restrooms 3-5 miles west of jeff. City north
Restaurant
Place to wash up
Picnic table by restroom as last year
Phone at n. Jefferson entrance
Permanent restroom at hartsburg
Paved trail
Overnight camping
Overhead shelter at each trailhead
None
None
None
Much more camping facilities, and access to herman and more emergency phones
More water and camping at 5 and 10 distances
More water access and access to jeff city on bridge safer
More restrooms
More rest areas and more water fountains
More free water
More drinking fountains
More distant markers
More concessions and mile markers
More camping
More campgrounds
More campgrounds
More better benches
More benches
More benches
More benches
More benches
Keep trial up
Holts summit side access to n.jefferson access
Food during the week
First aid
Camping sites
Camping
Campgrounds and port-a-potties
Camp sites
Blacktop
Black top
Better restrooms, more neat restaurants, bike rental at jeff city
Better maintained
Asphalt surface at jeff city to rocheport
Airpumps at trailheads
Water. Drinking.
Water fountains
Water and lights
Water and lights
Water
Trash cans and benches
Trash cans along the way
State park campground
Softy
Signs indicating type of flowers and trees that are growing along trail
Phones, at trailheads
Phones at trailheads and more trailheads with water
Perhaps more restrooms
Parks designated for free camping at very small fee
Motorized vehicles for elderly and handicapped
More water sources
More water facilities and more picnic facilities(tables and benches to sit at)
More water and restrooms
More taverns
More signs and restrooms
More picnic tables
More picnic sites
More mile markers
More drinking water
More drinking water
More benches
Keep trail in better condition and keep surface clean
Ice water and bike livery
I would like to see a park ranger at the trail in early morning and late afternoon4
I wish we could cross the bridge at jefferson city.
Camping facilities would be nice, too
Historical signs
Emergency phones
Emergency phones
Dining/ restaurant and fishing
Climbing along the trail
Camping for bicyclist
Camping at defiance
Camping
Bar and grill
Wind direction conditions
Water jugs
Water fountains at trailheads and toilets instead of port a potties
Water fountains at trailheads
Water fountains
Water and phones periodically
Water
Water
Water
Water
Trash receptacles
Trailheads and facilities at easley
Toilets
Signs regarding food facilities
Restrooms with running water
Restrooms
Restaurant at mcbain that is open

Rail guards along parts close to river
Places to eat and bike maintenance at each town
Picnic tables, campgrounds, and water
Overnight camping
None
None
Need more camping
Need more benches in remote areas
More water stops
More water stops
More water stops
More water
More stores
More spots with water
More shady rest stops
More restrooms and water
More restroom
More private rest stops/store/camping
More phones and paved trail
More maps
More drinking fountains
More campsites
More camping and additional history/ local info plaques along the way
More camping
More benches. Encourage more committees (frankilin) to cater to trail users
More benches
More benches

Maps for other parts of the trail
I don't know for sure
Honor system snack boxes (maybe not) definitely water
Flower identification booths
Emergency telephones
Drinking water
Camping
Camping
Brighter mileage markers and night access
Bike route across mo. River at jeff city
Beverages
Better water facilities
Always enjoy info re:nature and history
Would like emergency phone access
Water- there was none
Water stations along the trail
Water fountains, permanent map signs
Water fountains
Water
Restrooms and water
Rest stops between towns
None
No opinion
More water
More restrooms for long rides
More restrooms and definitely more water fountains

More restrooms and access to water
More restrooms
More phones
More nature walks
More mileage signs
More campsites
More camping
More camping
More benches to the north
More benches
More benches
More 911 phones
Local historical monument signage (katy spring rocheport, powder cave rocheport)
Information along trail about birds and other wildlife
Ice tea stands
Historical bulletin
Emergency phones
Drinking water
Drink stand
Don't change it much
Camping
Camping
Bungi jumping
Bathrooms
Additional food and lodging
Possible more running water, but pleased with what is available

Knob Noster facility needs:

Water, better restrooms
Water fountains
Water fountains
Water fountains
Water faucets.
Water
Water
Water
Water
Water
Telephones
Shelters to stand in when raining.
Shelters
Running water.....restroom.
Perhaps more frequent safety patrols
One more bathroom at 2 mile marker
None
More water.
More water stops.
More restrooms and water fountains
More restrooms
More places to stop for water, etc.

More history or nature markers
More camping areas
More benches and emergency phones every so often
More access to water would be nice.
Maybe more signs
Drinking water.
Drinking fountains
Drinking fountains
Campsites
Better restroom at boonville.
Drinking water.
911 service
Water
Some more campgrounds.
Picnic pavilions and camping areas
Phones, camping.
More history and art on the trail
More benches
Drinking water and shaded rest stops
Descent restrooms at each entrance with running water.
Bike services

Benches
Water, restroom and bench every 3 miles
Water at trailheads
Place to tent
None
None
More restrooms
More camping
More campground
Drinking fountains
Drink water..more of
Camping sites
Camping sites
Camping
Beer and pretzels
Bars on trail
Water at trailheads.
Water
None
More places to get a cold drink
Free gatorade
Drink water
Don't know

Appendix J. Visitor Comments - General Comments

General Comments

Please write any additional comments about your park visit or suggestions on how the Missouri Department of Natural Resources can make your experience in Katy Trail State Park a better one.

Graham Cave general comments:

*Very nice - need to provide tourist maps at hotels
The trail is a very important part of my life!
Thanks!
Possibly access for night rides?
Pave some of it
Overall, it is a great experience. Just needs to be worked on some more for continued greatness.
More control over dogs
It's a nice trail.
Great to have! A must!
Gambling boat pay for up keeps
First time visit....seems nice.
At the beginning of each town (I.e. Augusta) indicate number of miles to the next town
With all your work, I think you do a pretty great job
Thank you for the Katy Trail
St. Charles needs a restroom
Problems with people in my way, and people with dogs not on leashes
Low hanging trees are a problem
I would like to see more trails like this one
Great
Excellent trail
We love the Katy Trail
The trail is great!
Nice place!
More restrooms and water
Love the trail
It looks great-keep up the good work
It' a great trail
Info signs on trail would add a lot
I would like to see safe biking instructions for novice bikers- telling them to stay on the right and don't block the path
I usually bike and it's great except for occasional bikers.
I think Katy Trail is awesome
I love the Katy Trail
I love it, being able to ride with out having top worry about cars and wide enough to ride side by side
Good time!
Your doing a great job
We love the Katy! Doing Sedelia to St. Charles this fall staying in B&b's
The man taking the survey was very friendly.*

*The best technical, fun, trail for recreation.
It's great
Great! Keep up the good work
Great place, love it
Good time
Good job
Go Katy!
Do not allow horses on the trail
Consider a look at the Sparta-Elroy rail Trail in WI
Connecting to other state parks. Timber shelters, camping, rattle snake on trail after the last 94 crossing going west.
Wonderful trail, great place!
Water was very pleasant'
Very enjoyable.
The Katy Trail is a wonderful service!
Thanks.
Super trip
Super trail!
Please don't pave the trail!
Please do not let horses on the trail.
Nice
Need more water stops and places to camp.
Loves it! I'll be back
Keep up the good work!
Great experience! I think some more info on the trail surface, type of time that are best ect. In brochures.
As was stated in #15 of this survey, overnight camping facilities would be a definite plus!
We enjoy this trail very much
Nothing is perfect but I have loved the experience!
Love this trail!
I think the Katy Trail is great. I ride it everyday weather permitting.
I really like how the benches are made of recycled plastic
I love this trail!
I enjoy the trail on a regular basis and I am very glad it is here.
Great...thanks
For long rides (2 or more days) spots for camping would be useful. I work with the Boy Scouts and we would like to take a long weekend and need camping spots
Extend the Katy trail across the state*

*Enjoyed it thoroughly
Dogs dogs dogs!
Cut weeds a little more often
Weldon Spring needs a restroom
We thank you for this great experience!
Use and enjoy very often
Need more camping along the trail and water at
the trailheads.
Hike to see wild flower and plantings. Toward
Jeff City more water and bathrooms. Water
faucet would be as good as fountain.
Few more benches in shady areas
Do not commercialize the trail. It will destroy
the beauty of nature
Coffee shops along the route- open in winter for
x country skiing
Bathroom at Weldon Springs
A great asset and pride to Missouri
1st time...it was wonderful.*

*We are very proud of Missouri for providing this
service.
No horses! Hazard to bike and equestrians -
plenty of other places. Dogs on leash.
More picnic tables.
We have enjoyed all rides on the trail and plan
many more visits.
Thanks
More water
Fallen tree near Portland
Thank you
Shuttle service- so we don't have to double back
all the time.
Please don't allow horses on the trail.
One of the best parks Mo has ever developed
No horses
Great.
Excellent trail*

Rock Bridge general comments:

Nice trip, tree down by Rotland
Very nice
More campgrounds and better access to Jeff City and Herman
It would be nice to mark the next two trailheads instead of just one for those who want to go further
Wonderful
We enjoy using Katy Trail very much and feel very fortunate to live so close to be able to use it. We always enjoy coming out to ride and often go to various trailheads and go in different directions.
This is a great trail. What a pleasant way to cross the country/ state.
This if the greatest trail ever- keep up the great work
Thanks!
Prohibit dogs
Please put emergency phones where available .
Thanks
Paving would be nice
No horses now or ever
No horses
Need water at trailheads
Love the trail
Keep up the good work! Go Jim Crabtree!
Keep the horses off this part of the trail!
I'm so darn glad this trail is here
I would be willing to pay an annual fee to help with maintenance. I think there should be fees. Also if "pets" are allowed there should be an annual fee of \$15-\$25 to help clean up the mess I think we need phones for emergencies. Similar to the Columbia leg to the Katy
I enjoy it immensely!
I don't want to share the trail horses-bikers and hikers only
Great trail. Need trail from east to west coast Great Park!
Enjoyed it. I'll be back.
Enjoy this immensely!
Don't allow horsed unless they have a separate path
DNR attendant was driving way to fast for biker/ hiker safety. I was stopped at the park bench with my children when DNR drove past us at an unsafe speed. For over all sight conditions his truck fills the trail leaving the riders no where to go but to t

We love the trail! It was a big factor in out decision to buy a house near Hartsburg.
Very pleasant place

Very enjoyable
Thanks a no horses on trial
Thank you for caring
Overall, a great park
No senator Larry Rottrback and horses on the trail
No horses, please
No horses, please
No horses or any other non-leashed animals
Love the place
Love it, came from Independence
Katy Trail walking tours in the early morning and evening to see the wildlife and stars
It's a wonderful place to come excreted and be a part of nature. Thanks for maintaining such a beautiful trail
Great path
Great job keeping surface up, trees cleaned up- extremely safe, thank you!
Got info from Katy Trail Guide book
Extend to central MO
Encourage wildlife- birds and animals to make trail access their habitat-like wetland area developed in MKT spur in Columbia
Don't ever charge a fee
Would like to see the trail paved
Would like to see some campsites on trail
Would like to see extended past St. Charles
Wider roads would be nice walking separate from bikers
When is the rest of it going to open?
We like this place
Trail is great from mcbaine to Boonville- Short on facilities from mcbaine to Jeff City
Thanks
Take out bag worms and poison ivy
Take out bag worms
Squeeze gates too close, need more camping and more water
Some of the questions are personal. Thank you. Maybe letting the public about special projects, like wildlife preservations, etc. That are going on
Make roads crossing barriers all standard squeeze gates-get rid of off sex
Make it longer
Keep up the good work! Thanks.
Keep the trail
It's wonderful
I oppose equestrian use on trail but support parallel access
I enjoy every minute on the trail except the trail is very rough by Clifton City in river bottom
Excellent park thank you
Water-cold

Thanks
Thankful to have such a nice place to walk and
ride
More water fountains
More fountains
It's a great family place. Keep up the good work
I love the view and peace

I just love to be on the trail as much as possible.
Great trail
Great park, very enjoyable
Enjoyed my trip
DNR you did a good job!
Thanks for a great park
Thanks

Knob Noster general comments:

There is an enjoyable experience for physically fit people.

The Katy Trail is great

Thanks- I like the Katy Trail

Thank you

Some of the offset gates are a real challenge near Clifton City. I grazed my left bar end and flipped my bike, spraining my ankle. Please cut a few more inches off each bar. Also, how about slowing the vehicle speed limit between Augusta and Weldon Spr

More information on park services and better monitoring of trail in the evening

Love the trail.

Keep up the good work!

Keep up the good work

Keep up good work.

I found the mileage markers very helpful

Hard to find Griessen Road...more signs, etc.

Great project

Great place to walk.

Continue the trail westward

Cleaner restroom and more water accessibility.

Very enjoyable

There are a lot unleashed dog's on the trail. The people who walk dog's don't clean up the mess.

It is very bad at Jeff City and Columbia area

The overhanging branches need to be cut back around Pilot Grove. Grass is also starting to take over the trail.

Mile post 201 sign is fallen down.

Keith Peterson is a good guy

It's nice to have the weeds mowed, thank you.

There are a lot of dogs unleashed and poop on the trail! People who walk dogs should carry a baggie!

I think the Katy Trail is one of the best things about Missouri, we wish we had it in Kansas! Have campsites along the trail at 20-40 mile intervals.

Get it through Sedalia.

Breathe!

Would like to be able to see out more (the country side)

Please don't take away our parking lot

Keep up the work you are doing

Keep up the good work

Keep on biking and make longer.

Katy trail is a wonderful asset

It's a great trail

I love the trail and always have a good time.

I can't wait for you to finish between Sedalia and Gressin Rd. So I don't have to load my bike in my vehicle

Enjoyed the trail....wish there were more of these.

Hurry and finish the last four miles...please

Great! Keep it going

Finish trail on into Sedalia

Finish through Sedalia

Appendix K. Results by Trailhead and Management Area.

Table K1. Socio-demographic characteristics by trailhead and management area.

	Age	Gender		Ethnicity					Total	
	Mean	Female	Male	Asian	Hispanic	African American	Caucasia n	Native American		Other
Trailhead										
St Charles	41.12	40.4%	59.6%	1.8%	.9%	2.6%	93.0%	1.8%	.0%	114
Greens Bottom Road	46.20	35.0%	65.0%	1.6%	.0%	.0%	96.8%	1.6%	.0%	62
Weldon Spring	40.21	39.1%	60.9%	.0%	.0%	.9%	98.2%	.9%	.0%	111
Matson	45.64	46.3%	53.8%	1.3%	1.3%	1.3%	93.7%	1.3%	1.3%	79
Augusta	42.86	45.3%	54.7%	.0%	2.1%	.0%	97.9%	.0%	.0%	97
Dutzow	45.00	49.4%	50.6%	1.2%	1.2%	1.2%	94.0%	1.2%	1.2%	84
Marthasville	45.66	31.3%	68.8%	.0%	.0%	6.3%	90.6%	.0%	3.1%	32
Treloar	48.00	33.3%	66.7%	.0%	3.6%	.0%	96.4%	.0%	.0%	28
McKittrick	44.16	47.4%	52.6%	.0%	.0%	.0%	94.7%	5.3%	.0%	19
Portland	39.95	41.5%	58.5%	4.8%	.0%	.0%	95.2%	.0%	.0%	42
Mokane	45.64	46.2%	53.8%	.0%	.0%	.0%	92.3%	.0%	7.7%	13
Tebbetts	40.39	38.9%	61.1%	.0%	5.9%	.0%	88.2%	.0%	5.9%	17
N Jefferson	44.35	40.0%	60.0%	.0%	1.8%	2.8%	94.5%	.0%	.9%	109
Hartsburg	42.74	54.4%	45.6%	1.3%	.0%	1.3%	93.5%	2.6%	1.3%	77
McBaine	43.52	41.2%	58.8%	2.1%	1.1%	.0%	92.6%	1.1%	3.2%	95
Rochepoint	42.42	48.1%	51.9%	2.2%	.7%	2.9%	92.8%	.7%	.7%	139
New Franklin	44.25	50.0%	50.0%	.0%	.0%	.0%	100.0%	.0%	.0%	4
Boonville	43.12	60.2%	39.8%	2.4%	.0%	4.7%	89.4%	3.5%	.0%	85
Pilot Grove	38.20	41.7%	58.3%	.0%	.0%	.0%	100.0%	.0%	.0%	25
Clifton City	41.25	38.6%	61.4%	.0%	.0%	.0%	97.7%	2.3%	.0%	43
Griessen Rd	43.31	17.2%	82.8%	.0%	.0%	.0%	96.8%	3.2%	.0%	31
Management Area										
Graham Cave	43.22	41.8%	58.2%	1.0%	.9%	1.2%	95.4%	1.0%	.4%	668
Rock Bridge	43.21	45.3%	54.7%	1.3%	1.1%	1.8%	93.2%	.9%	1.8%	454
Knob Knoster	41.98	45.6%	54.4%	1.1%	.0%	2.2%	94.0%	2.7%	.0%	184
Total	43.05	43.5%	56.5%	1.1%	.8%	1.5%	94.4%	1.2%	.8%	1306

Table K2. Education levels by trailhead and management area.

	Education					
	Grade school	High School	Vocational school	Some College	Graduate 4-year	Post-grad
Trailhead						
St Charles	.0%	20.2%	1.8%	26.3%	31.6%	20.2%
Greens Bottom Road	.0%	19.7%	.0%	21.3%	29.5%	29.5%
Weldon Spring	.0%	14.4%	.9%	25.2%	29.7%	29.7%
Matson	1.2%	10.8%	3.6%	14.5%	36.1%	33.7%
Augusta	1.0%	10.2%	4.1%	28.6%	29.6%	26.5%
Dutzow	1.2%	18.1%	7.2%	25.3%	28.9%	19.3%
Marthasville	.0%	9.4%	.0%	40.6%	25.0%	25.0%
Treloar	.0%	25.9%	.0%	33.3%	11.1%	29.6%
McKittrick	.0%	10.5%	10.5%	26.3%	26.3%	26.3%
Portland	2.4%	7.1%	2.4%	26.2%	40.5%	21.4%
Mokane	.0%	14.3%	21.4%	35.7%	14.3%	14.3%
Tebbetts	.0%	16.7%	.0%	22.2%	33.3%	27.8%
N Jefferson	1.8%	13.4%	2.7%	17.9%	29.5%	34.8%
Hartsburg	2.5%	5.1%	1.3%	32.9%	19.0%	39.2%
McBaine	.0%	5.4%	2.2%	16.1%	30.1%	46.2%
Rochepoint	.0%	10.7%	4.3%	30.7%	21.4%	32.9%
New Franklin	.0%	.0%	.0%	25.0%	.0%	75.0%
Boonville	3.7%	24.4%	.0%	20.7%	34.1%	17.1%
Pilot Grove	12.5%	4.2%	.0%	16.7%	45.8%	20.8%
Clifton City	2.3%	18.6%	4.7%	34.9%	25.6%	14.0%
Griessen Rd	.0%	9.7%	9.7%	25.8%	32.3%	22.6%
Management Area						
Graham Cave	.6%	14.9%	2.8%	25.4%	30.3%	26.0%
Rock Bridge	.9%	9.6%	3.3%	24.8%	24.8%	36.7%
Knob Knoster	3.9%	17.8%	2.8%	24.4%	33.3%	17.8%
Total	1.1%	13.4%	3.0%	25.0%	28.8%	28.6%

Table K3. Income levels by trailhead and management area.

	Income				Total
	Less \$25,000	\$25-50,000	\$50-75,000	Over \$75,000	
Trailhead					
St Charles	9.4%	39.6%	28.3%	22.6%	106
Greens Bottom Road	7.4%	38.9%	25.9%	27.8%	54
Weldon Spring	9.2%	24.8%	22.9%	43.1%	109
Matson	1.3%	27.6%	26.3%	44.7%	76
Augusta	10.0%	25.6%	38.9%	25.6%	90
Dutzow	9.2%	36.8%	34.2%	19.7%	76
Marthasville	6.3%	31.3%	37.5%	25.0%	32
Treloar	.0%	22.2%	37.0%	40.7%	27
McKittrick	6.3%	43.8%	12.5%	37.5%	16
Portland	23.8%	38.1%	21.4%	16.7%	42
Mokane	9.1%	45.5%	27.3%	18.2%	11
Tebbetts	27.8%	27.8%	27.8%	16.7%	18
N Jefferson	11.4%	37.1%	21.0%	30.5%	105
Hartsburg	12.0%	38.7%	17.3%	32.0%	75
McBaine	22.1%	27.9%	26.7%	23.3%	86
Rochepoint	18.8%	36.8%	23.3%	21.1%	133
New Franklin	.0%	.0%	50.0%	50.0%	4
Boonville	8.2%	49.3%	24.7%	17.8%	73
Pilot Grove	30.4%	34.8%	26.1%	8.7%	23
Clifton City	10.3%	38.5%	28.2%	23.1%	39
Griessen Rd	6.7%	60.0%	26.7%	6.7%	30
Management Area					
Graham Cave	8.6%	32.0%	29.1%	30.3%	628
Rock Bridge	16.4%	35.0%	22.9%	25.7%	432
Knob Knoster	11.5%	46.7%	26.1%	15.8%	165
Total	11.8%	35.0%	26.5%	26.7%	1225

Table K4. Disability by trailhead and management area.

	Disability		Total
	No	Yes	Count
Trailhead			
St Charles	98.2%	1.8%	112
Greens Bottom Road	98.3%	1.7%	60
Weldon Spring	97.3%	2.7%	111
Matson	97.5%	2.5%	79
Augusta	99.0%	1.0%	96
Dutzow	98.8%	1.2%	81
Marthasville	100.0%	.0%	29
Treloar	100.0%	.0%	26
McKittrick	100.0%	.0%	18
Portland	100.0%	.0%	41
Mokane	100.0%	.0%	11
Tebbetts	100.0%	.0%	18
N Jefferson	97.2%	2.8%	107
Hartsburg	96.2%	3.8%	78
McBaine	98.9%	1.1%	93
Rocheport	98.5%	1.5%	136
New Franklin	100.0%	.0%	3
Boonville	97.5%	2.5%	81
Pilot Grove	100.0%	.0%	25
Clifton City	94.9%	5.1%	39
Griessen Rd	100.0%	.0%	28
Management Area			
Graham Cave	98.5%	1.5%	653
Rock Bridge	98.0%	2.0%	446
Knob Knoster	97.7%	2.3%	173
Total	98.2%	1.8%	1272

Table K5. Visitor characteristics by trailhead and management area.

	First visit		# of times	Access trailhead?		Average travel distance	Total
	No	Yes		Yes	No		
Trailhead							
St Charles	86.1%	13.9%	36.53	83.9%	16.1%	14.39	122
Greens Bottom Road	93.2%	6.8%	33.77	68.4%	31.6%	21.71	62
Weldon Spring	82.8%	17.2%	12.39	96.7%	3.3%	17.00	122
Matson	81.0%	19.0%	12.54	83.1%	16.9%	19.44	85
Augusta	77.2%	22.8%	18.86	80.8%	19.2%	18.64	101
Dutzow	91.7%	8.3%	31.11	88.1%	11.9%	16.20	84
Marthasville	84.4%	15.6%	33.38	96.9%	3.1%	20.93	32
Treloar	87.5%	12.5%	6.53	87.5%	12.5%	26.72	32
McKittrick	78.9%	21.1%	11.95	89.5%	10.5%	30.05	19
Portland	68.2%	31.8%	13.95	77.3%	22.7%	29.82	44
Mokane	78.6%	21.4%	95.21	92.9%	7.1%	16.11	14
Tebbetts	55.6%	44.4%	10.00	88.9%	11.1%	40.61	18
N Jefferson	85.3%	14.7%	32.92	91.3%	8.7%	17.79	116
Hartsburg	92.4%	7.6%	29.85	93.6%	6.4%	16.74	80
McBaine	86.0%	14.0%	26.75	87.9%	12.1%	20.38	100
Rochepoint	60.4%	39.6%	7.83	88.7%	11.3%	16.10	144
New Franklin	50.0%	50.0%	1.75	75.0%	25.0%	40.50	4
Boonville	84.3%	15.7%	55.38	97.8%	2.2%	15.68	89
Pilot Grove	85.2%	14.8%	14.44	85.2%	14.8%	22.91	27
Clifton City	79.1%	20.9%	4.93	93.2%	6.8%	22.83	44
Griessen Rd	65.6%	34.4%	16.75	86.7%	13.3%	32.43	32
Management Area							
Graham Cave	83.5%	16.5%	31.22	85.3%	14.7%	19.21	703
Rock Bridge	77.5%	22.5%	37.93	90.0%	10.0%	18.88	476
Knob Knoster	80.1%	19.9%	48.96	93.2%	6.8%	20.87	192
Total	81.0%	19.0%	35.76	88.1%	11.9%	19.34	1371

Table K6. Overnight use by trailhead and management area.

	Overnight		# of nights	Where overnight					Total
	Yes	No		Nearby CG	Friends/ relatives	Other	Nearby community lodging	Nearby B&B	
Trailhead									
St Charles	10.2%	89.8%	2.38	.0%	7.1%	14.3%	50.0%	28.6%	14
Greens Bottom Road	5.0%	95.0%	5.00	.0%	.0%	.0%	66.7%	33.3%	3
Weldon Spring	3.4%	96.6%	1.75	.0%	.0%	20.0%	20.0%	60.0%	5
Matson	3.5%	96.5%	3.33	25.0%	.0%	50.0%	.0%	25.0%	4
Augusta	6.0%	94.0%	2.00	.0%	14.3%	28.6%	14.3%	42.9%	7
Dutzow	8.3%	91.7%	4.57	.0%	33.3%	.0%	.0%	66.7%	6
Marthasville	25.0%	75.0%	3.29	28.6%	14.3%	.0%	14.3%	42.9%	7
Treloar	37.5%	62.5%	1.64	7.7%	7.7%	7.7%	.0%	76.9%	13
McKittrick	36.8%	63.2%	2.43	42.9%	.0%	.0%	.0%	57.1%	7
Portland	58.1%	41.9%	2.05	31.8%	13.6%	4.5%	22.7%	27.3%	22
Mokane	14.3%	85.7%	2.00	100.0%	.0%	.0%	.0%	.0%	2
Tebbetts	64.7%	35.3%	4.30	77.8%	.0%	11.1%	.0%	11.1%	9
N Jefferson	10.5%	89.5%	2.75	30.0%	.0%	10.0%	20.0%	40.0%	10
Hartsburg	15.2%	84.8%	2.30	8.3%	.0%	16.7%	16.7%	58.3%	12
McBaine	17.2%	82.8%	1.86	11.8%	.0%	11.8%	23.5%	52.9%	17
Rocheport	23.9%	76.1%	2.81	20.0%	11.4%	2.9%	20.0%	45.7%	35
New Franklin	100.0%	.0%	3.50	.0%	.0%	.0%	100.0%	.0%	2
Boonville	20.9%	79.1%	3.00	41.2%	11.8%	11.8%	.0%	35.3%	17
Pilot Grove	23.1%	76.9%	3.20	50.0%	16.7%	16.7%	.0%	16.7%	6
Clifton City	45.5%	54.5%	2.31	22.2%	5.6%	11.1%	5.6%	55.6%	18
Griessen Rd	25.0%	75.0%	2.80	28.6%	.0%	.0%	42.9%	28.6%	7
Management Area									
Graham Cave	12.6%	87.4%	2.56	15.9%	10.2%	10.2%	19.3%	44.3%	88
Rock Bridge	19.6%	80.4%	2.78	25.3%	4.6%	8.0%	19.5%	42.5%	87
Knob Knoster	27.7%	72.3%	2.73	33.3%	8.3%	10.4%	8.3%	39.6%	48
Total	17.1%	82.9%	2.68	23.3%	7.6%	9.4%	17.0%	42.6%	223

Table K7. Trailhead used to ENTER the Katy Trail by trailhead and management area.

	Trailhead						
	Weldon Spring	Rocheport	St Charles	N Jefferson	Boonville	Dutzow	Griessen Rd
Trailhead							
St Charles	.9%	.0%	89.7%	.0%	.9%	.0%	.0%
Greens Bottom Road	6.5%	.0%	50.0%	.0%	.0%	.0%	.0%
Weldon Spring	94.9%	.0%	.0%	.0%	.0%	.0%	.0%
Matson	26.5%	.0%	2.9%	.0%	.0%	.0%	.0%
Augusta	23.3%	.0%	2.3%	.0%	.0%	4.7%	.0%
Dutzow	1.3%	.0%	1.3%	.0%	.0%	84.4%	.0%
Marthasville	3.1%	.0%	6.3%	.0%	.0%	15.6%	3.1%
Treloar	.0%	.0%	3.3%	3.3%	.0%	10.0%	3.3%
McKittrick	.0%	.0%	16.7%	5.6%	5.6%	.0%	.0%
Portland	.0%	8.6%	2.9%	22.9%	.0%	.0%	.0%
Mokane	.0%	.0%	.0%	9.1%	.0%	.0%	.0%
Tebbetts	.0%	7.1%	.0%	50.0%	.0%	.0%	.0%
N Jefferson	.0%	.0%	.0%	92.2%	.0%	.0%	1.0%
Hartsburg	.0%	13.0%	.0%	17.4%	.0%	.0%	.0%
McBaine	.0%	28.9%	1.2%	2.4%	2.4%	.0%	.0%
Rocheport	.0%	87.3%	.0%	.0%	2.4%	.0%	.8%
New Franklin	.0%	33.3%	.0%	.0%	66.7%	.0%	.0%
Boonville	.0%	2.3%	1.1%	.0%	83.0%	.0%	10.2%
Pilot Grove	.0%	4.5%	.0%	.0%	40.9%	.0%	4.5%
Clifton City	.0%	2.4%	4.9%	.0%	.0%	.0%	68.3%
Griessen Rd	.0%	.0%	3.7%	.0%	.0%	.0%	96.3%
Management Area							
Graham Cave	25.3%	.5%	21.2%	1.6%	.3%	12.5%	.3%
Rock Bridge	.0%	35.5%	.2%	28.4%	1.7%	.0%	.5%
Knob Knoster	.0%	2.2%	2.2%	.0%	46.1%	.0%	36.0%
Total	13.0%	12.6%	11.3%	10.5%	7.6%	6.4%	5.7%

(continued)

Table K7. Trailhead used to ENTER the Katy Trail by trailhead and management area.

	Trailhead						
	McBaine	Augusta	Hartsburg	Marthasville	Matson	Greens Bottom Road	McKittrick
Trailhead							
St Charles	.0%	.0%	.0%	.9%	.0%	4.7%	.0%
Greens Bottom Road	.0%	.0%	.0%	.0%	4.3%	37.0%	.0%
Weldon Spring	.0%	2.5%	.0%	.0%	.0%	2.5%	.0%
Matson	.0%	14.7%	.0%	.0%	33.8%	2.9%	.0%
Augusta	.0%	52.3%	.0%	5.8%	2.3%	1.2%	.0%
Dutzow	.0%	6.5%	.0%	3.9%	.0%	.0%	.0%
Marthasville	.0%	6.3%	.0%	50.0%	.0%	.0%	12.5%
Treloar	.0%	.0%	.0%	16.7%	3.3%	.0%	10.0%
McKittrick	.0%	.0%	.0%	.0%	.0%	.0%	61.1%
Portland	.0%	5.7%	.0%	.0%	.0%	.0%	20.0%
Mokane	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Tebbetts	.0%	.0%	7.1%	7.1%	.0%	.0%	.0%
N Jefferson	1.0%	.0%	3.9%	1.0%	.0%	.0%	.0%
Hartsburg	10.1%	.0%	59.4%	.0%	.0%	.0%	.0%
McBaine	60.2%	.0%	2.4%	.0%	.0%	.0%	.0%
Rocheport	7.1%	.0%	1.6%	.0%	.0%	.0%	.0%
New Franklin	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Boonville	1.1%	.0%	.0%	.0%	.0%	.0%	.0%
Pilot Grove	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clifton City	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Griessen Rd	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Management Area							
Graham Cave	.0%	10.9%	.0%	4.9%	4.5%	4.5%	4.1%
Rock Bridge	16.4%	.0%	12.3%	.5%	.0%	.0%	.0%
Knob Knoster	.6%	.0%	.0%	.0%	.0%	.0%	.0%
Total	5.7%	5.6%	4.2%	2.7%	2.3%	2.3%	2.1%

(continued)

Table K7. Trailhead used to ENTER the Katy Trail by trailhead and management area.

	Trailhead						
	Treloar	Defiance	Pilot Grove	Portland	Clifton City	Mokane	New Franklin
Trailhead							
St Charles	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Greens Bottom Road	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Weldon Spring	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Matson	2.9%	16.2%	.0%	.0%	.0%	.0%	.0%
Augusta	.0%	7.0%	.0%	1.2%	.0%	.0%	.0%
Dutzow	2.6%	.0%	.0%	.0%	.0%	.0%	.0%
Marthasville	.0%	3.1%	.0%	.0%	.0%	.0%	.0%
Treloar	50.0%	.0%	.0%	.0%	.0%	.0%	.0%
McKittrick	11.1%	.0%	.0%	.0%	.0%	.0%	.0%
Portland	8.6%	.0%	.0%	22.9%	2.9%	.0%	.0%
Mokane	.0%	.0%	.0%	18.2%	.0%	72.7%	.0%
Tebbetts	.0%	.0%	.0%	14.3%	.0%	.0%	7.1%
N Jefferson	.0%	.0%	.0%	.0%	.0%	.0%	1.0%
Hartsburg	.0%	.0%	.0%	.0%	.0%	.0%	.0%
McBaine	.0%	.0%	.0%	.0%	1.2%	.0%	1.2%
Rocheport	.0%	.0%	.0%	.0%	.0%	.0%	.8%
New Franklin	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Boonville	.0%	.0%	.0%	.0%	1.1%	.0%	1.1%
Pilot Grove	.0%	.0%	40.9%	.0%	9.1%	.0%	.0%
Clifton City	.0%	.0%	9.8%	.0%	14.6%	.0%	.0%
Griessen Rd	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Management Area							
Graham Cave	3.9%	2.9%	.0%	1.5%	.2%	.0%	.0%
Rock Bridge	.0%	.0%	.0%	1.0%	.2%	2.0%	1.0%
Knob Knoster	.0%	.0%	7.3%	.0%	5.1%	.0%	.6%
Total	2.0%	1.5%	1.1%	1.1%	.9%	.7%	.4%

(continued)

Table K7. Trailhead used to ENTER the Katy Trail by trailhead and management area.

	Trailhead			Total
	Tebbetts	Other	MKT/Hindman junction/ Columbia	
Trailhead				
St Charles	1.9%	.9%	.0%	107
Greens Bottom Road	.0%	.0%	2.2%	46
Weldon Spring	.0%	.0%	.0%	118
Matson	.0%	.0%	.0%	68
Augusta	.0%	.0%	.0%	86
Dutzow	.0%	.0%	.0%	77
Marthasville	.0%	.0%	.0%	32
Treloar	.0%	.0%	.0%	30
McKittrick	.0%	.0%	.0%	18
Portland	5.7%	.0%	.0%	35
Mokane	.0%	.0%	.0%	11
Tebbetts	7.1%	.0%	.0%	14
N Jefferson	.0%	.0%	.0%	102
Hartsburg	.0%	.0%	.0%	69
McBaine	.0%	.0%	.0%	83
Rocheport	.0%	.0%	.0%	126
New Franklin	.0%	.0%	.0%	3
Boonville	.0%	.0%	.0%	88
Pilot Grove	.0%	.0%	.0%	22
Clifton City	.0%	.0%	.0%	41
Griessen Rd	.0%	.0%	.0%	27
Management Area				
Graham Cave	.6%	.2%	.2%	617
Rock Bridge	.2%	.0%	.0%	408
Knob Knoster	.0%	.0%	.0%	178
Total	.4%	.1%	.1%	1203

Table K8. OTHER access to enter the Katy Trail by trailhead and management area.

	Trailhead to enter						
	Griessen Rd	Pilot Grove	Boonville	Rocheport	McBaine	Hartsburg	N Jefferson
Trailhead							
St Charles	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Greens Bottom Road	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Weldon Spring	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Matson	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Augusta	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Dutzow	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Treloar	.0%	.0%	.0%	.0%	.0%	.0%	.0%
McKittrick	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Portland	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Mokane	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Tebbetts	.0%	.0%	.0%	.0%	.0%	.0%	33.3%
N Jefferson	28.6%	.0%	.0%	.0%	.0%	.0%	71.4%
Hartsburg	.0%	.0%	.0%	.0%	.0%	37.5%	.0%
McBaine	.0%	.0%	.0%	.0%	6.3%	.0%	.0%
Rocheport	.0%	.0%	.0%	35.3%	5.9%	.0%	.0%
New Franklin	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Boonville	.0%	.0%	50.0%	.0%	.0%	.0%	.0%
Pilot Grove	.0%	40.0%	.0%	.0%	.0%	.0%	.0%
Clifton City	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Griessen Rd	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Management Area							
Graham Cave	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Rock Bridge	3.7%	.0%	.0%	11.1%	3.7%	5.6%	11.1%
Knob Knoster	.0%	15.4%	7.7%	.0%	.0%	.0%	.0%
Total	1.3%	1.3%	.7%	4.0%	1.3%	2.0%	4.0%

(continued)

Table K8. OTHER access to enter the Katy Trail by trailhead and management area.

	Trailhead to enter						
	Mokane	Treloar	Marthasville	Dutzow	Augusta	Weldon Spring	Greens Bottom Road
Trailhead							
St Charles	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Greens Bottom Road	.0%	.0%	.0%	.0%	.0%	.0%	13.3%
Weldon Spring	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Matson	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Augusta	.0%	.0%	.0%	.0%	6.7%	6.7%	.0%
Dutzow	.0%	.0%	.0%	71.4%	.0%	.0%	.0%
Treloar	.0%	50.0%	.0%	.0%	.0%	.0%	.0%
McKittrick	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Portland	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Mokane	50.0%	.0%	.0%	.0%	.0%	.0%	.0%
Tebbetts	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N Jefferson	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Hartsburg	.0%	.0%	.0%	.0%	.0%	.0%	.0%
McBaine	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Rocheport	.0%	.0%	.0%	.0%	.0%	.0%	.0%
New Franklin	.0%	.0%	100.0%	.0%	.0%	.0%	.0%
Boonville	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Pilot Grove	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clifton City	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Griessen Rd	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Management Area							
Graham Cave	.0%	1.2%	.0%	6.0%	1.2%	1.2%	2.4%
Rock Bridge	1.9%	.0%	1.9%	.0%	.0%	.0%	.0%
Knob Knoster	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Total	.7%	.7%	.7%	3.3%	.7%	.7%	1.3%

(continued)

Table K8. OTHER access to enter the Katy Trail by trailhead and management area.

	Trailhead to enter				Total
	St Charles	Other	Defiance	MKT/Hindman junction/ Columbia	
Trailhead					
St Charles	23.5%	76.5%	.0%	.0%	17
Greens Bottom Road	20.0%	60.0%	.0%	6.7%	15
Weldon Spring	.0%	100.0%	.0%	.0%	3
Matson	.0%	20.0%	80.0%	.0%	15
Augusta	.0%	13.3%	73.3%	.0%	15
Dutzow	.0%	14.3%	14.3%	.0%	7
Treloar	.0%	50.0%	.0%	.0%	2
McKittrick	.0%	100.0%	.0%	.0%	1
Portland	.0%	100.0%	.0%	.0%	8
Mokane	.0%	50.0%	.0%	.0%	2
Tebbetts	66.7%	.0%	.0%	.0%	3
N Jefferson	.0%	.0%	.0%	.0%	7
Hartsburg	12.5%	37.5%	.0%	12.5%	8
McBaine	.0%	12.5%	.0%	81.3%	16
Rocheport	.0%	11.8%	.0%	47.1%	17
New Franklin	.0%	.0%	.0%	.0%	1
Boonville	.0%	50.0%	.0%	.0%	2
Pilot Grove	.0%	60.0%	.0%	.0%	5
Clifton City	.0%	100.0%	.0%	.0%	3
Griessen Rd	.0%	100.0%	.0%	.0%	3
Management Area					
Graham Cave	8.4%	49.4%	28.9%	1.2%	83
Rock Bridge	5.6%	14.8%	.0%	40.7%	54
Knob Knoster	.0%	76.9%	.0%	.0%	13
Total	6.7%	39.3%	16.0%	15.3%	150

Table K9. Trailhead used to EXIT the Katy Trail by trailhead and management area.

	Trailhead to exit						
	Griessen Rd	Clifton City	Pilot Grove	Boonville	New Franklin	Rocheport	McBaine
Trailhead							
St Charles	.0%	1.0%	.0%	.0%	.0%	.0%	.0%
Greens Bottom Road	.0%	2.0%	.0%	.0%	.0%	.0%	.0%
Weldon Spring	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Matson	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Augusta	1.2%	.0%	.0%	.0%	.0%	.0%	.0%
Dutzow	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Marthasville	6.9%	.0%	.0%	.0%	.0%	.0%	.0%
Treloar	.0%	.0%	.0%	3.8%	.0%	.0%	.0%
McKittrick	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Portland	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Mokane	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Tebbetts	5.9%	.0%	.0%	.0%	.0%	5.9%	.0%
N Jefferson	.0%	.0%	.0%	.0%	1.0%	.0%	.0%
Hartsburg	.0%	1.4%	.0%	.0%	.0%	1.4%	4.3%
McBaine	.0%	.0%	.0%	.0%	.0%	24.7%	49.4%
Rocheport	.0%	.0%	.0%	2.4%	.8%	81.6%	8.8%
New Franklin	.0%	.0%	.0%	33.3%	.0%	.0%	.0%
Boonville	.0%	2.7%	1.4%	76.7%	.0%	.0%	2.7%
Pilot Grove	11.1%	11.1%	29.6%	25.9%	.0%	.0%	.0%
Clifton City	35.7%	14.3%	4.8%	.0%	.0%	2.4%	.0%
Griessen Rd	66.7%	.0%	.0%	3.7%	.0%	.0%	.0%
Management Area							
Graham Cave	.5%	.3%	.0%	.2%	.0%	.0%	.0%
Rock Bridge	.2%	.2%	.0%	1.0%	.5%	30.6%	13.7%
Knob Knoster	21.3%	6.5%	6.5%	37.9%	.0%	.6%	1.2%
Total	3.4%	1.2%	.9%	5.9%	.2%	10.7%	4.9%

(continued)

Table K9. Trailhead used to EXIT the Katy Trail by trailhead and management area.

	Trailhead to exit						
	Hartsburg	N Jefferson	Tebbetts	Mokane	Portland	McKittrick	Treloar
Trailhead							
St Charles	.0%	1.0%	.0%	.0%	.0%	.0%	.0%
Greens Bottom Road	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Weldon Spring	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Matson	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Augusta	.0%	.0%	.0%	.0%	.0%	.0%	1.2%
Dutzow	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Marthasville	.0%	.0%	.0%	.0%	.0%	.0%	3.4%
Treloar	.0%	.0%	.0%	.0%	.0%	3.8%	42.3%
McKittrick	.0%	.0%	.0%	.0%	.0%	61.1%	11.1%
Portland	5.0%	5.0%	10.0%	.0%	22.5%	5.0%	2.5%
Mokane	.0%	.0%	.0%	54.5%	27.3%	.0%	.0%
Tebbetts	.0%	11.8%	11.8%	.0%	11.8%	.0%	.0%
N Jefferson	6.1%	82.7%	.0%	.0%	.0%	.0%	.0%
Hartsburg	59.4%	26.1%	.0%	.0%	.0%	.0%	.0%
McBaine	2.4%	2.4%	.0%	.0%	.0%	.0%	.0%
Rocheport	.8%	.0%	.0%	.0%	.0%	.0%	.0%
New Franklin	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Boonville	.0%	1.4%	.0%	1.4%	.0%	.0%	.0%
Pilot Grove	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clifton City	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
Griessen Rd	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Management Area							
Graham Cave	.3%	.5%	.7%	.0%	1.5%	2.3%	2.7%
Rock Bridge	12.3%	25.2%	.5%	1.5%	1.2%	.0%	.0%
Knob Knoster	.0%	4.1%	.0%	.6%	.0%	.0%	.0%
Total	4.4%	9.6%	.5%	.6%	1.2%	1.2%	1.4%

(continued)

Table K9. Trailhead used to EXIT the Katy Trail by trailhead and management area.

	Trailhead to exit						
	Marthasville	Dutzow	Augusta	Matson	Weldon Spring	Greens Bottom Road	St Charles
Trailhead							
St Charles	.0%	.0%	.0%	.0%	1.0%	1.0%	77.9%
Greens Bottom Road	.0%	2.0%	2.0%	4.0%	2.0%	28.0%	44.0%
Weldon Spring	.0%	.0%	8.3%	.0%	85.2%	2.8%	.9%
Matson	.0%	.0%	31.9%	18.1%	15.3%	1.4%	5.6%
Augusta	5.8%	7.0%	44.2%	2.3%	19.8%	1.2%	1.2%
Dutzow	1.4%	79.7%	8.7%	.0%	.0%	.0%	2.9%
Marthasville	48.3%	17.2%	6.9%	.0%	.0%	.0%	10.3%
Treloar	15.4%	23.1%	.0%	.0%	.0%	.0%	11.5%
McKittrick	.0%	.0%	.0%	.0%	.0%	.0%	5.6%
Portland	7.5%	.0%	5.0%	.0%	.0%	.0%	20.0%
Mokane	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Tebbetts	.0%	.0%	.0%	.0%	5.9%	.0%	35.3%
N Jefferson	.0%	.0%	.0%	.0%	3.1%	.0%	5.1%
Hartsburg	.0%	.0%	.0%	.0%	.0%	.0%	2.9%
McBaine	.0%	.0%	.0%	.0%	.0%	.0%	1.2%
Rocheport	.0%	.0%	.0%	.0%	.0%	.0%	1.6%
New Franklin	.0%	.0%	.0%	.0%	.0%	.0%	33.3%
Boonville	.0%	.0%	.0%	.0%	.0%	.0%	9.6%
Pilot Grove	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clifton City	.0%	.0%	.0%	.0%	.0%	.0%	11.9%
Griessen Rd	7.4%	.0%	.0%	.0%	.0%	.0%	7.4%
Management Area							
Graham Cave	4.5%	12.1%	13.5%	2.8%	20.3%	3.3%	20.9%
Rock Bridge	.0%	.0%	.0%	.0%	1.0%	.0%	4.2%
Knob Knoster	1.2%	.0%	.0%	.0%	.0%	.0%	8.3%
Total	2.5%	6.2%	6.9%	1.4%	10.7%	1.7%	13.3%

(continued)

Table K9. Trailhead used to EXIT the Katy Trail by trailhead and management area.

	Trailhead to exit			Total
	Other	Defiance	MKT/Hindman junction/ Columbia	
Trailhead				
St Charles	17.3%	1.0%	.0%	104
Greens Bottom Road	16.0%	.0%	.0%	50
Weldon Spring	1.9%	.9%	.0%	108
Matson	2.8%	25.0%	.0%	72
Augusta	2.3%	14.0%	.0%	86
Dutzow	5.8%	1.4%	.0%	69
Marthasville	.0%	6.9%	.0%	29
Treloar	.0%	.0%	.0%	26
McKittrick	22.2%	.0%	.0%	18
Portland	17.5%	.0%	.0%	40
Mokane	9.1%	9.1%	.0%	11
Tebbetts	11.8%	.0%	.0%	17
N Jefferson	2.0%	.0%	.0%	98
Hartsburg	4.3%	.0%	.0%	69
McBaine	2.4%	.0%	17.6%	85
Rocheport	.8%	.0%	3.2%	125
New Franklin	33.3%	.0%	.0%	3
Boonville	4.1%	.0%	.0%	73
Pilot Grove	22.2%	.0%	.0%	27
Clifton City	16.7%	.0%	.0%	42
Griessen Rd	14.8%	.0%	.0%	27
Management Area				
Graham Cave	7.8%	5.8%	.0%	602
Rock Bridge	2.9%	.2%	4.7%	408
Knob Knoster	11.8%	.0%	.0%	169
Total	6.7%	3.1%	1.6%	1179

Table K10. Visit characteristics by trailhead and management area.

	Visiting with						Total
	Alone	Family	Family and friends	Friends	Club or org group	Other	
Trailhead							
St Charles	43.2%	20.7%	10.8%	19.8%	1.8%	3.6%	111
Greens Bottom Road	37.9%	39.7%	3.4%	19.0%	.0%	.0%	58
Weldon Spring	18.8%	43.6%	9.4%	24.8%	.9%	2.6%	117
Matson	17.3%	35.8%	7.4%	30.9%	7.4%	1.2%	81
Augusta	12.1%	44.4%	12.1%	26.3%	3.0%	2.0%	99
Dutzow	40.5%	40.5%	12.2%	5.4%	.0%	1.4%	74
Marthasville	56.0%	36.0%	4.0%	4.0%	.0%	.0%	25
Treloar	34.5%	20.7%	24.1%	20.7%	.0%	.0%	29
McKittrick	16.7%	38.9%	27.8%	16.7%	.0%	.0%	18
Portland	11.4%	18.2%	15.9%	52.3%	.0%	2.3%	44
Mokane	41.7%	25.0%	16.7%	8.3%	8.3%	.0%	12
Tebbetts	20.0%	13.3%	6.7%	33.3%	20.0%	6.7%	15
N Jefferson	43.5%	34.3%	6.5%	11.1%	1.9%	2.8%	108
Hartsburg	24.7%	34.2%	12.3%	27.4%	.0%	1.4%	73
McBaine	28.4%	29.5%	5.3%	35.8%	1.1%	.0%	95
Rochepoint	28.1%	41.0%	7.2%	22.3%	.7%	.7%	139
New Franklin	25.0%	50.0%	25.0%	.0%	.0%	.0%	4
Boonville	42.9%	35.1%	7.8%	13.0%	.0%	1.3%	77
Pilot Grove	38.5%	34.6%	3.8%	19.2%	.0%	3.8%	26
Clifton City	20.9%	18.6%	14.0%	32.6%	9.3%	4.7%	43
Griessen Rd	36.7%	43.3%	.0%	20.0%	.0%	.0%	30
Management Area							
Graham Cave	27.4%	35.1%	11.0%	22.9%	1.8%	1.8%	656
Rock Bridge	31.4%	34.5%	7.8%	23.1%	1.8%	1.3%	446
Knob Knoster	35.8%	32.4%	7.4%	19.9%	2.3%	2.3%	176
Total	30.0%	34.5%	9.4%	22.5%	1.9%	1.7%	1278

Table K11. Recreation activities by trailhead and management area.

	Biking		Walking		Hiking		Backpacking	
	Yes	No	Yes	No	Yes	No	Yes	No
Trailhead								
St Charles	74.6%	25.4%	35.2%	64.8%	.8%	99.2%	.8%	99.2%
Greens Bottom Road	91.9%	8.1%	19.4%	80.6%	3.2%	96.8%	1.6%	98.4%
Weldon Spring	86.1%	13.9%	17.2%	82.8%	6.6%	93.4%	.8%	99.2%
Matson	90.6%	9.4%	9.4%	90.6%	2.4%	97.6%	2.4%	97.6%
Augusta	92.1%	7.9%	16.8%	83.2%	3.0%	97.0%	.0%	100.0%
Dutzow	78.6%	21.4%	34.5%	65.5%	6.0%	94.0%	1.2%	98.8%
Marthasville	84.4%	15.6%	18.8%	81.3%	.0%	100.0%	.0%	100.0%
Treloar	90.6%	9.4%	15.6%	84.4%	3.1%	96.9%	.0%	100.0%
McKittrick	73.7%	26.3%	15.8%	84.2%	10.5%	89.5%	10.5%	89.5%
Portland	90.9%	9.1%	22.7%	77.3%	6.8%	93.2%	2.3%	97.7%
Mokane	71.4%	28.6%	35.7%	64.3%	.0%	100.0%	.0%	100.0%
Tebbetts	100.0%	.0%	5.6%	94.4%	.0%	100.0%	.0%	100.0%
N Jefferson	82.8%	17.2%	29.3%	70.7%	5.2%	94.8%	.0%	100.0%
Hartsburg	82.5%	17.5%	26.3%	73.8%	5.0%	95.0%	1.3%	98.8%
McBaine	90.0%	10.0%	20.0%	80.0%	6.0%	94.0%	1.0%	99.0%
Rocheport	59.0%	41.0%	45.8%	54.2%	6.3%	93.8%	.0%	100.0%
New Franklin	100.0%	.0%	25.0%	75.0%	.0%	100.0%	.0%	100.0%
Boonville	37.1%	62.9%	60.7%	39.3%	2.2%	97.8%	.0%	100.0%
Pilot Grove	85.2%	14.8%	18.5%	81.5%	3.7%	96.3%	.0%	100.0%
Clifton City	93.2%	6.8%	4.5%	95.5%	.0%	100.0%	.0%	100.0%
Griessen Rd	75.0%	25.0%	34.4%	65.6%	.0%	100.0%	3.1%	96.9%
Management Area								
Graham Cave	85.2%	14.8%	21.9%	78.1%	3.8%	96.2%	1.3%	98.7%
Rock Bridge	77.5%	22.5%	31.1%	68.9%	5.3%	94.7%	.4%	99.6%
Knob Knoster	63.0%	37.0%	37.5%	62.5%	1.6%	98.4%	.5%	99.5%
Total	79.4%	20.6%	27.3%	72.7%	4.0%	96.0%	.9%	99.1%

(continued)

Table K11. Recreation activities by trailhead and management area.

	Running		Jogging		Viewing wildlife		Studying nature	
	Yes	No	Yes	No	Yes	No	Yes	No
Trailhead								
St Charles	10.7%	89.3%	6.6%	93.4%	12.3%	87.7%	1.6%	98.4%
Greens Bottom Road	4.8%	95.2%	4.8%	95.2%	19.4%	80.6%	1.6%	98.4%
Weldon Spring	4.9%	95.1%	2.5%	97.5%	24.6%	75.4%	8.2%	91.8%
Matson	1.2%	98.8%	1.2%	98.8%	15.3%	84.7%	3.5%	96.5%
Augusta	.0%	100.0%	1.0%	99.0%	31.7%	68.3%	9.9%	90.1%
Dutzow	3.6%	96.4%	6.0%	94.0%	11.9%	88.1%	4.8%	95.2%
Marthasville	3.1%	96.9%	6.3%	93.8%	31.3%	68.8%	9.4%	90.6%
Treloar	3.1%	96.9%	3.1%	96.9%	21.9%	78.1%	6.3%	93.8%
McKittrick	.0%	100.0%	.0%	100.0%	10.5%	89.5%	10.5%	89.5%
Portland	6.8%	93.2%	2.3%	97.7%	43.2%	56.8%	20.5%	79.5%
Mokane	7.1%	92.9%	.0%	100.0%	7.1%	92.9%	.0%	100.0%
Tebbetts	11.1%	88.9%	.0%	100.0%	38.9%	61.1%	11.1%	88.9%
N Jefferson	9.5%	90.5%	9.5%	90.5%	21.6%	78.4%	9.5%	90.5%
Hartsburg	5.0%	95.0%	12.5%	87.5%	32.5%	67.5%	13.8%	86.3%
McBaine	8.0%	92.0%	5.0%	95.0%	25.0%	75.0%	12.0%	88.0%
Rochepoint	2.8%	97.2%	3.5%	96.5%	19.4%	80.6%	6.3%	93.8%
New Franklin	.0%	100.0%	.0%	100.0%	100.0%	.0%	75.0%	25.0%
Boonville	4.5%	95.5%	13.5%	86.5%	18.0%	82.0%	5.6%	94.4%
Pilot Grove	3.7%	96.3%	3.7%	96.3%	25.9%	74.1%	7.4%	92.6%
Clifton City	.0%	100.0%	2.3%	97.7%	20.5%	79.5%	6.8%	93.2%
Griessen Rd	12.5%	87.5%	15.6%	84.4%	9.4%	90.6%	3.1%	96.9%
Management Area								
Graham Cave	4.4%	95.6%	3.6%	96.4%	21.3%	78.7%	6.5%	93.5%
Rock Bridge	6.3%	93.7%	6.5%	93.5%	24.4%	75.6%	10.1%	89.9%
Knob Knoster	4.7%	95.3%	9.9%	90.1%	18.2%	81.8%	5.7%	94.3%
Total	5.1%	94.9%	5.5%	94.5%	22.0%	78.0%	7.7%	92.3%

(continued)

Table K11. Recreation activities by trailhead and management area.

	Picnicking		Special event		Total
	Yes	No	Yes	No	
Trailhead					
St Charles	5.7%	94.3%	.0%	100.0%	122
Greens Bottom Road	.0%	100.0%	1.6%	98.4%	62
Weldon Spring	10.7%	89.3%	.0%	100.0%	122
Matson	11.8%	88.2%	.0%	100.0%	85
Augusta	17.8%	82.2%	3.0%	97.0%	101
Dutzow	6.0%	94.0%	1.2%	98.8%	84
Marthasville	12.5%	87.5%	.0%	100.0%	32
Treloar	9.4%	90.6%	.0%	100.0%	32
McKittrick	5.3%	94.7%	.0%	100.0%	19
Portland	11.4%	88.6%	2.3%	97.7%	44
Mokane	14.3%	85.7%	.0%	100.0%	14
Tebbetts	11.1%	88.9%	.0%	100.0%	18
N Jefferson	6.0%	94.0%	.9%	99.1%	116
Hartsburg	11.3%	88.8%	.0%	100.0%	80
McBaine	10.0%	90.0%	3.0%	97.0%	100
Rocheport	5.6%	94.4%	.0%	100.0%	144
New Franklin	.0%	100.0%	.0%	100.0%	4
Boonville	6.7%	93.3%	2.2%	97.8%	89
Pilot Grove	11.1%	88.9%	7.4%	92.6%	27
Clifton City	6.8%	93.2%	4.5%	95.5%	44
Griessen Rd	.0%	100.0%	.0%	100.0%	32
Management Area					
Graham Cave	9.4%	90.6%	.9%	99.1%	703
Rock Bridge	8.0%	92.0%	.8%	99.2%	476
Knob Knoster	6.3%	93.8%	3.1%	96.9%	192
Total	8.5%	91.5%	1.2%	98.8%	1371

Table K12. Satisfaction with park attributes by trailhead and management area.

	Trails sat	Restroom sat	Park sign sat	Drinking water sat	Benches sat	Parking sat	Overall sat	N
Trailhead								
St Charles	3.74	3.00	3.56	2.43	3.34	3.73	3.88	122
Greens Bottom Road	3.84	3.20	3.55	3.11	3.33	3.64	3.98	62
Weldon Spring	3.71	2.73	3.49	2.36	3.30	3.73	3.87	122
Matson	3.87	3.84	3.65	2.55	3.23	3.77	3.91	85
Augusta	3.74	3.27	3.64	2.69	3.38	3.70	3.93	101
Dutzow	3.80	3.27	3.68	3.00	3.53	3.85	3.95	84
Marthasville	3.63	3.31	3.58	3.00	3.59	3.81	3.94	32
Treloar	3.93	3.39	3.80	2.80	3.10	3.84	3.89	32
McKittrick	3.58	3.12	3.63	2.69	3.44	3.79	3.79	19
Portland	3.58	3.33	3.63	2.31	2.88	3.83	3.74	44
Mokane	3.64	3.62	3.92	3.40	3.56	3.86	3.93	14
Tebbetts	3.56	3.56	3.75	3.06	3.50	3.72	3.89	18
N Jefferson	3.65	3.41	3.75	3.14	3.33	3.93	3.86	116
Hartsburg	3.71	3.33	3.71	2.77	3.49	3.86	3.90	80
McBaine	3.70	3.19	3.51	2.04	3.40	3.78	3.89	100
Rocheport	3.87	3.52	3.73	3.25	3.72	3.82	3.94	144
New Franklin	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4
Boonville	3.76	3.03	3.66	2.38	3.58	3.78	3.85	89
Pilot Grove	3.67	3.38	3.58	3.00	3.40	3.63	3.92	27
Clifton City	3.78	3.17	3.53	2.97	3.36	3.68	3.93	44
Griessen Rd	3.66	3.36	3.48	2.68	3.12	3.64	3.90	32
Management Area								
Graham Cave	3.76	3.21	3.60	2.65	3.33	3.75	3.90	703
Rock Bridge	3.74	3.40	3.69	2.90	3.51	3.84	3.90	476
Knob Knoster	3.74	3.16	3.59	2.67	3.43	3.71	3.89	192
Total	3.75	3.27	3.63	2.74	3.41	3.78	3.90	1371

** Significant difference (P<.05) ANOVA.

Table K13. Comments about satisfaction with park features by trailhead and management area.

	Satisfaction comments				
	Drinking water - Need more/lack of	Restrooms - Need more	Need more benches/rest spots	Other	Restroom dirty/too rustic
Trailhead					
St Charles	49.3%	20.5%	11.0%	1.4%	.0%
Greens Bottom Road	48.1%	11.1%	14.8%	3.7%	11.1%
Weldon Spring	40.3%	31.2%	10.4%	2.6%	1.3%
Matson	43.8%	25.0%	10.4%	10.4%	4.2%
Augusta	42.5%	10.0%	5.0%	12.5%	12.5%
Dutzow	42.9%	8.6%	14.3%	2.9%	17.1%
Marthasville	37.5%	12.5%	12.5%	18.8%	6.3%
Treloar	38.5%	7.7%	38.5%	.0%	.0%
McKittrick	66.7%	.0%	13.3%	.0%	.0%
Portland	55.2%	6.9%	17.2%	3.4%	.0%
Mokane	25.0%	25.0%	25.0%	.0%	.0%
Tebbetts	37.5%	.0%	.0%	12.5%	.0%
N Jefferson	31.7%	5.0%	23.3%	8.3%	15.0%
Hartsburg	60.0%	5.7%	8.6%	5.7%	11.4%
McBaine	59.7%	11.1%	5.6%	4.2%	1.4%
Rocheport	42.9%	11.4%	8.6%	14.3%	5.7%
Boonville	56.3%	20.8%	2.1%	6.3%	2.1%
Pilot Grove	20.0%	.0%	20.0%	.0%	20.0%
Clifton City	40.0%	10.0%	10.0%	10.0%	20.0%
Griessen Rd	66.7%	16.7%	16.7%	.0%	.0%
Management Area					
Graham Cave	45.6%	17.7%	12.3%	5.1%	4.8%
Rock Bridge	47.7%	8.4%	11.7%	7.5%	7.5%
Knob Knoster	50.0%	16.2%	6.8%	5.4%	6.8%
Total	46.7%	14.5%	11.5%	5.9%	5.9%

(continued)

Table K13. Comments about satisfaction with park features by trailhead and management area.

	Satisfaction comments				
	Problems with signs/signs unclear/lack of information	Trail surface/condition of trail	Need more parking/better parking facilities	Trail/park maintenance problems	Better spacing of facilities
Trailhead					
St Charles	2.7%	4.1%	5.5%	2.7%	1.4%
Greens Bottom Road	3.7%	.0%	3.7%	.0%	3.7%
Weldon Spring	6.5%	5.2%	1.3%	.0%	1.3%
Matson	4.2%	.0%	.0%	.0%	.0%
Augusta	10.0%	2.5%	5.0%	.0%	.0%
Dutzow	8.6%	5.7%	.0%	.0%	.0%
Marthasville	.0%	6.3%	.0%	.0%	6.3%
Treloar	.0%	7.7%	7.7%	.0%	.0%
McKittrick	.0%	13.3%	6.7%	.0%	.0%
Portland	3.4%	6.9%	.0%	.0%	.0%
Mokane	.0%	25.0%	.0%	.0%	.0%
Tebbetts	12.5%	12.5%	.0%	.0%	.0%
N Jefferson	1.7%	10.0%	.0%	3.3%	1.7%
Hartsburg	.0%	2.9%	2.9%	2.9%	.0%
McBaine	11.1%	2.8%	1.4%	.0%	1.4%
Rocheport	11.4%	2.9%	2.9%	.0%	.0%
Boonville	6.3%	2.1%	.0%	2.1%	.0%
Pilot Grove	20.0%	10.0%	.0%	10.0%	.0%
Clifton City	.0%	10.0%	.0%	.0%	.0%
Griessen Rd	.0%	.0%	.0%	.0%	.0%
Management Area					
Graham Cave	4.8%	4.3%	2.7%	.5%	1.1%
Rock Bridge	6.5%	5.6%	1.4%	1.4%	.9%
Knob Knoster	6.8%	4.1%	.0%	2.7%	.0%
Total	5.6%	4.7%	2.0%	1.1%	.9%

(continued)

Table K13. Comments about satisfaction with park features by trailhead and management area.

	Satisfaction comments		Total
	Infrequency of services/need more services/service hours not	Garbage cans needed	
Trailhead			
St Charles	.0%	1.4%	73
Greens Bottom Road	.0%	.0%	27
Weldon Spring	.0%	.0%	77
Matson	2.1%	.0%	48
Augusta	.0%	.0%	40
Dutzow	.0%	.0%	35
Marthasville	.0%	.0%	16
Treloar	.0%	.0%	13
McKittrick	.0%	.0%	15
Portland	3.4%	3.4%	29
Mokane	.0%	.0%	4
Tebbetts	25.0%	.0%	8
N Jefferson	.0%	.0%	60
Hartsburg	.0%	.0%	35
McBaine	1.4%	.0%	72
Rocheport	.0%	.0%	35
Boonville	.0%	2.1%	48
Pilot Grove	.0%	.0%	10
Clifton City	.0%	.0%	10
Griessen Rd	.0%	.0%	6
Management Area			
Graham Cave	.5%	.5%	373
Rock Bridge	1.4%	.0%	214
Knob Knoster	.0%	1.4%	74
Total	.8%	.5%	661

Table K14. Importance and performance of park attributes by trailhead and management area.

	Rate litter/ trash	Litter/ trash import	Rate restrooms	Restroom import	Rate access	Access import
Area						
St Charles	3.56	3.91	3.25	3.70	3.42	3.39
Greens Bottom Road	3.75	3.98	3.32	3.82	3.15	3.33
Weldon Spring	3.78	3.88	3.06	3.71	3.30	3.16
Matson	3.80	3.89	3.23	3.74	3.45	3.34
Augusta	3.82	3.91	3.23	3.78	3.43	3.13
Dutzow	3.75	3.87	3.10	3.84	3.55	3.58
Marthasville	3.81	3.97	3.35	3.84	3.56	3.04
Treloar	3.82	4.00	3.40	3.96	3.50	3.63
McKittrick	3.74	3.89	3.29	3.84	3.46	3.47
Portland	3.78	3.93	3.22	3.57	3.24	3.26
Mokane	3.71	3.93	3.54	3.93	3.75	3.83
Tebbetts	3.78	3.94	3.50	3.67	3.64	2.82
N Jefferson	3.79	3.82	3.37	3.73	3.50	3.40
Hartsburg	3.76	3.90	3.20	3.68	3.43	3.33
McBaine	3.89	3.85	3.05	3.62	3.30	2.80
Rocheport	3.85	3.91	3.51	3.79	3.72	3.54
New Franklin	4.00	4.00	4.00	3.75	4.00	3.67
Boonville	3.61	3.82	2.74	3.71	3.27	3.48
Pilot Grove	3.64	3.92	3.33	3.80	3.31	3.57
Clifton City	3.81	3.89	3.14	3.65	3.38	3.37
Griessen Rd	3.83	3.87	3.32	3.48	3.58	3.24
Management Area						
Graham Cave	3.74	3.91	3.21	3.76	3.40	3.31
Rock Bridge	3.82	3.88	3.34	3.72	3.55	3.32
Knob Knoster	3.70	3.86	3.02	3.67	3.35	3.43
Total	3.77	3.89	3.23	3.73	3.45	3.33

** Significant difference (P<.05) ANOVA.

(continued)

Table K14. Importance and performance of park attributes by trailhead and management area.

	Rate safety	Safety import	N
Area			
St Charles	3.63	3.88	122
Greens Bottom Road	3.58	3.88	62
Weldon Spring	3.66	3.79	122
Matson	3.61	3.93	85
Augusta	3.69	3.85	101
Dutzow	3.60	3.95	84
Marthasville	3.71	3.94	32
Treloar	3.81	3.86	32
McKittrick	3.63	3.89	19
Portland	3.59	3.68	44
Mokane	3.23	3.93	14
Tebbetts	3.72	3.75	18
N Jefferson	3.63	3.84	116
Hartsburg	3.53	3.82	80
McBaine	3.61	3.80	100
Rocheport	3.70	3.85	144
New Franklin	4.00	4.00	4
Boonville	3.34	3.91	89
Pilot Grove	3.46	3.88	27
Clifton City	3.63	3.84	44
Griessen Rd	3.77	3.83	32
Management Area			
Graham Cave	3.64	3.87	703
Rock Bridge	3.62	3.83	476
Knob Knoster	3.49	3.88	192
Total	3.62	3.86	1371

** Significant difference (P<.05) ANOVA.

Table K15. Perceptions of crowding by trailhead and management area.

	How crowded		Where crowding occurred			Total
	Mean	Trail head	Parking lot	Other	Trail	Responses
Trailhead						
St Charles	1.68	16.7%	.0%	66.7%	16.7%	6
Greens Bottom Road	1.77	.0%	.0%	.0%	100.0%	2
Weldon Spring	2.11	.0%	50.0%	20.0%	30.0%	10
Matson	2.05	.0%	.0%	57.1%	42.9%	7
Augusta	2.26	22.2%	.0%	11.1%	66.7%	9
Dutzow	1.65	100.0%	.0%	.0%	.0%	1
Marthasville	1.06	.0%	.0%	.0%	.0%	0
Treloar	1.29	.0%	.0%	.0%	.0%	0
McKittrick	1.66	.0%	.0%	100.0%	.0%	2
Portland	1.32	.0%	.0%	100.0%	.0%	1
Mokane	1.29	.0%	.0%	.0%	.0%	0
Tebbetts	1.06	.0%	.0%	.0%	.0%	0
N Jefferson	1.51	50.0%	.0%	33.3%	16.7%	6
Hartsburg	1.48	.0%	.0%	75.0%	25.0%	8
McBaine	1.72	20.0%	.0%	60.0%	20.0%	5
Rocheport	1.60	.0%	.0%	80.0%	20.0%	5
New Franklin	1.00	.0%	.0%	100.0%	.0%	1
Boonville	1.35	.0%	.0%	.0%	.0%	0
Pilot Grove	2.68	.0%	.0%	50.0%	50.0%	2
Clifton City	1.10	.0%	.0%	.0%	.0%	0
Griessen Rd	1.45	.0%	.0%	.0%	.0%	0
Management Area						
Graham Cave	1.81**	10.5%	13.2%	36.8%	39.5%	38
Rock Bridge	1.55**	16.0%	.0%	64.0%	20.0%	25
Knob Knoster	1.49**	.0%	.0%	50.0%	50.0%	2
Total	1.67	12.3%	7.7%	47.7%	32.3%	65

** Significant difference (P<.05) ANOVA.

Table K16. Additional needed facilities by trailhead and management area.

	Need more water/water fountains	Restrooms more or better	Camping - facilities	Other	Benches/ rest areas	More services for eating/ drinking
Trailhead						
St Charles	37.9%	22.7%	3.0%	7.6%	3.0%	9.1%
Greens Bottom Road	41.5%	14.6%	.0%	4.9%	9.8%	2.4%
Weldon Spring	42.2%	29.7%	4.7%	12.5%	.0%	1.6%
Matson	27.5%	22.5%	2.5%	7.5%	15.0%	5.0%
Augusta	33.3%	20.4%	9.3%	13.0%	5.6%	.0%
Dutzow	26.5%	5.9%	26.5%	14.7%	14.7%	.0%
Marthasville	35.0%	20.0%	20.0%	5.0%	5.0%	5.0%
Treloar	38.5%	7.7%	15.4%	23.1%	7.7%	.0%
McKittrick	41.2%	5.9%	11.8%	11.8%	.0%	11.8%
Portland	43.8%	9.4%	3.1%	12.5%	9.4%	3.1%
Mokane	16.7%	.0%	16.7%	.0%	16.7%	.0%
Tebbetts	20.0%	10.0%	30.0%	10.0%	.0%	10.0%
N Jefferson	14.5%	8.1%	17.7%	12.9%	12.9%	9.7%
Hartsburg	26.5%	6.1%	12.2%	22.4%	2.0%	6.1%
McBaine	30.4%	8.7%	13.0%	8.7%	10.1%	8.7%
Rochepoint	25.6%	14.0%	11.6%	7.0%	9.3%	4.7%
New Franklin	100.0%	.0%	.0%	.0%	.0%	.0%
Boonville	53.8%	15.4%	5.1%	5.1%	2.6%	.0%
Pilot Grove	21.4%	7.1%	21.4%	14.3%	21.4%	.0%
Clifton City	23.5%	11.8%	35.3%	.0%	5.9%	11.8%
Griessen Rd	42.9%	.0%	.0%	.0%	.0%	28.6%
Management Area						
Graham Cave	36.7%	18.6%	7.6%	10.5%	6.6%	3.7%
Rock Bridge	24.2%	8.8%	14.6%	12.1%	8.8%	7.5%
Knob Knoster	40.3%	11.7%	14.3%	5.2%	6.5%	5.2%
Total	32.8%	14.5%	10.7%	10.5%	7.3%	5.2%

(continued)

Table K16. Additional needed facilities by trailhead and management area.

	Mile markers/ maps/ information /signs	Do not know	Phone/911 phone	Picnic areas	Paved trail/ better surface for bikers	More park personnel/ security
Trailhead						
St Charles	7.6%	1.5%	.0%	1.5%	4.5%	1.5%
Greens Bottom Road	7.3%	2.4%	.0%	4.9%	4.9%	.0%
Weldon Spring	1.6%	4.7%	.0%	.0%	.0%	1.6%
Matson	2.5%	7.5%	2.5%	5.0%	.0%	.0%
Augusta	.0%	5.6%	1.9%	5.6%	1.9%	.0%
Dutzow	2.9%	5.9%	.0%	.0%	.0%	2.9%
Marthasville	.0%	5.0%	.0%	.0%	5.0%	.0%
Treloar	7.7%	.0%	.0%	.0%	.0%	.0%
McKittrick	5.9%	5.9%	.0%	.0%	5.9%	.0%
Portland	.0%	.0%	3.1%	6.3%	.0%	3.1%
Mokane	.0%	33.3%	16.7%	.0%	.0%	.0%
Tebbetts	10.0%	.0%	10.0%	.0%	.0%	.0%
N Jefferson	3.2%	4.8%	4.8%	1.6%	6.5%	.0%
Hartsburg	8.2%	.0%	8.2%	6.1%	.0%	2.0%
McBaine	10.1%	4.3%	4.3%	.0%	1.4%	.0%
Rochepoint	11.6%	7.0%	9.3%	.0%	.0%	.0%
New Franklin	.0%	.0%	.0%	.0%	.0%	.0%
Boonville	5.1%	2.6%	7.7%	.0%	.0%	2.6%
Pilot Grove	.0%	.0%	7.1%	7.1%	.0%	.0%
Clifton City	.0%	11.8%	.0%	.0%	.0%	.0%
Griessen Rd	.0%	28.6%	.0%	.0%	.0%	.0%
Management Area						
Graham Cave	3.4%	3.9%	.8%	2.6%	2.1%	1.0%
Rock Bridge	7.9%	4.6%	6.7%	1.7%	2.1%	.4%
Knob Knoster	2.6%	6.5%	5.2%	1.3%	.0%	1.3%
Total	4.9%	4.4%	3.3%	2.1%	1.9%	.9%

(continued)

Table K16. Additional needed facilities by trailhead and management area.

	Parking	Shuttle service	Bike racks	Better maintenance of trail	Responses
Trailhead					
St Charles	.0%	.0%	.0%	.0%	66
Greens Bottom Road	7.3%	.0%	.0%	.0%	41
Weldon Spring	.0%	1.6%	.0%	.0%	64
Matson	.0%	2.5%	.0%	.0%	40
Augusta	1.9%	1.9%	.0%	.0%	54
Dutzow	.0%	.0%	.0%	.0%	34
Marthasville	.0%	.0%	.0%	.0%	20
Treloar	.0%	.0%	.0%	.0%	13
McKittrick	.0%	.0%	.0%	.0%	17
Portland	.0%	.0%	6.3%	.0%	32
Mokane	.0%	.0%	.0%	.0%	6
Tebbetts	.0%	.0%	.0%	.0%	10
N Jefferson	.0%	.0%	.0%	3.2%	62
Hartsburg	.0%	.0%	.0%	.0%	49
McBaine	.0%	.0%	.0%	.0%	69
Rocheport	.0%	.0%	.0%	.0%	43
New Franklin	.0%	.0%	.0%	.0%	1
Boonville	.0%	.0%	.0%	.0%	39
Pilot Grove	.0%	.0%	.0%	.0%	14
Clifton City	.0%	.0%	.0%	.0%	17
Griessen Rd	.0%	.0%	.0%	.0%	7
Management Area					
Graham Cave	1.0%	.8%	.5%	.0%	381
Rock Bridge	.0%	.0%	.0%	.8%	240
Knob Knoster	.0%	.0%	.0%	.0%	77
Total	.6%	.4%	.3%	.3%	698

Table K17. General comments by trailhead and management area.

	General comments						
	Generally positive comments	Other	Horses should not be allowed	Continue the trail	Information signs	Water needed	Dogs
Trailhead							
St Charles	61.5%	15.4%	.0%	.0%	15.4%	.0%	7.7%
Greens Bottom Road	55.6%	.0%	.0%	.0%	.0%	.0%	11.1%
Weldon Spring	68.8%	.0%	.0%	.0%	12.5%	6.3%	.0%
Matson	66.7%	6.7%	6.7%	6.7%	.0%	.0%	.0%
Augusta	64.7%	5.9%	5.9%	.0%	5.9%	5.9%	.0%
Dutzow	69.2%	.0%	.0%	7.7%	.0%	.0%	7.7%
Marthasville	28.6%	28.6%	.0%	.0%	.0%	14.3%	.0%
Treloar	25.0%	25.0%	25.0%	.0%	.0%	.0%	25.0%
McKittrick	50.0%	.0%	.0%	.0%	25.0%	25.0%	.0%
Portland	44.4%	22.2%	22.2%	.0%	.0%	11.1%	.0%
Mokane	50.0%	.0%	.0%	.0%	.0%	.0%	.0%
Tebbetts	25.0%	25.0%	.0%	.0%	25.0%	.0%	.0%
N Jefferson	50.0%	14.3%	17.9%	3.6%	.0%	3.6%	7.1%
Hartsburg	50.0%	22.7%	22.7%	4.5%	.0%	.0%	.0%
McBaine	32.0%	36.0%	.0%	12.0%	8.0%	4.0%	.0%
Rochepoint	75.0%	.0%	.0%	.0%	.0%	25.0%	.0%
New Franklin	100.0%	.0%	.0%	.0%	.0%	.0%	.0%
Boonville	61.1%	5.6%	.0%	5.6%	11.1%	.0%	.0%
Pilot Grove	36.4%	18.2%	.0%	.0%	9.1%	.0%	18.2%
Clifton City	50.0%	30.0%	.0%	20.0%	.0%	.0%	.0%
Griessen Rd	25.0%	.0%	.0%	75.0%	.0%	.0%	.0%
Management Area							
Graham Cave	57.0%	9.6%	4.4%	1.8%	5.3%	5.3%	3.5%
Rock Bridge	48.4%	20.0%	10.5%	5.3%	3.2%	5.3%	2.1%
Knob Knoster	48.8%	14.0%	.0%	14.0%	7.0%	.0%	4.7%
Total	52.4%	14.3%	6.0%	5.2%	4.8%	4.4%	3.2%

(continued)

Table K17. General comments by trailhead and management area.

	General comments					Total
	Maintenance of trail	Camping facilities	Restrooms needed/cleaner restrooms	People are inconsiderate	Better patrolling	Responses
Trailhead						
St Charles	.0%	.0%	.0%	.0%	.0%	13
Greens Bottom Road	11.1%	.0%	11.1%	11.1%	.0%	9
Weldon Spring	.0%	.0%	6.3%	6.3%	.0%	16
Matson	6.7%	6.7%	.0%	.0%	.0%	15
Augusta	.0%	11.8%	.0%	.0%	.0%	17
Dutzow	7.7%	7.7%	.0%	.0%	.0%	13
Marthasville	.0%	7.1%	21.4%	.0%	.0%	14
Treloar	.0%	.0%	.0%	.0%	.0%	4
McKittrick	.0%	.0%	.0%	.0%	.0%	4
Portland	.0%	.0%	.0%	.0%	.0%	9
Mokane	50.0%	.0%	.0%	.0%	.0%	2
Tebbetts	.0%	25.0%	.0%	.0%	.0%	4
N Jefferson	3.6%	.0%	.0%	.0%	.0%	28
Hartsburg	.0%	.0%	.0%	.0%	.0%	22
McBaine	4.0%	4.0%	.0%	.0%	.0%	25
Rocheport	.0%	.0%	.0%	.0%	.0%	12
New Franklin	.0%	.0%	.0%	.0%	.0%	2
Boonville	5.6%	.0%	5.6%	.0%	5.6%	18
Pilot Grove	9.1%	9.1%	.0%	.0%	.0%	11
Clifton City	.0%	.0%	.0%	.0%	.0%	10
Griessen Rd	.0%	.0%	.0%	.0%	.0%	4
Management Area						
Graham Cave	2.6%	4.4%	4.4%	1.8%	.0%	114
Rock Bridge	3.2%	2.1%	.0%	.0%	.0%	95
Knob Knoster	4.7%	2.3%	2.3%	.0%	2.3%	43
Total	3.2%	3.2%	2.4%	.8%	.4%	252