



Missouri Department of Natural Resources
Division of State Parks
800-334-6946

ST. JOE STATE PARK

VISITOR USE STUDY

FINAL REPORT

by

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&

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April, 2004

EXECUTIVE SUMMARY

The purpose of this study was to gain a better understanding of visitors at St. Joe State Park by describing their demographics, frequency and duration of visitation, place attachment, travel distance, activity participation, utilization & satisfaction with facilities / services, preferences, and economic impact. An on-site survey of adult visitors was conducted from late April to early November, 2003. Five hundred thirty-one park visitors completed a questionnaire which yielded an overall response rate of 76 percent. Results from this study have a sampling error of $\pm 5\%$.

<ul style="list-style-type: none"> • 65.6% of visitors were male • 96.1% of visitors were white • 22.1% of visitors had a college degree or higher • 56.3% of visitors reported incomes of \$50K or higher • 83.4% were repeat visitors • Repeat visitation occurs about 16 times per year • Overnight visitors stay approximately 2.7 nights • 83.8% of overnight visitors stay in the campgrounds • 69.4% of visitors come with family members or family & friends • The single largest visitor group is 7-15 years old • Most visitors are satisfied with the park ($x=3.56/4$) • Most visitors want SJSP to “Keep Up the Good Work” 	<ul style="list-style-type: none"> • 61.0% of visitors ride ATV/ORV’s • Woodland trails are preferred over sand flats (60% to 40%, respectively) • 13% of riders attend or participate in ATV / ORV special events • 32.0% of SJSP visitors use the beach area • No preference between beach use at Pim and Monsanto Lakes • Most visitors are not concerned with overcrowding ($x=2.3/9$) • Place attachment was high (3.47/5), but showed little change between activities • SJSP visitors came from 195 zip codes, including 13 states • In 2003, visitors spent \$10.9M on trips to SJSP & generated \$13.5M in sales • Visitor spending contributed \$3.9M in income and 165 jobs to the state • Out-of-state visitors spent \$2.5M, generated \$3.1M in sales, \$0.9M in income, and supported 38 jobs • Total visitor expenditures contributed \$1.7M in taxes to the state
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ACKNOWLEDGEMENTS

This project could not have been possible without the help and assistance from many individuals. First, I would like to thank several Missouri State Park employees, including Deb Schnack, Dawn Fredrickson, and Jim Yancey for helping to design the questionnaire. In addition, thanks goes to Sandy McCain and Bill Bonnell at St. Joe State Park for helping with logistical aspects of conducting the survey. Marlene Brockmiller, President of Workforce, hired two survey clerks, Ed Pruitt and Jason Basden. Without their tireless effort, this project would not have been completed. I would like to express my sincere appreciation to all the visitors who completed the survey. Obviously, they care enough about the park to voice their opinions about management and operations. An undergraduate student, Bryon Rochon, was hired to enter the data and design the codebook. Nicholas Cahill analyzed the open-ended questions. David Vaught prepared the zip code map. Lastly, I would like to thank Missouri State Parks for funding this study.

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INTRODUCTION

Need for the Study

The mission statement of the Missouri State Park System is to preserve and interpret the state's most outstanding natural landscapes and cultural landmarks, and to provide outdoor recreational opportunities. Although this management philosophy is consistent with other state parks, it contains elements which often compete, rather than complement each other. In other words, maximizing "public enjoyment" is sometimes detrimental to "resource preservation," and vice-versa. Budgetary constraints, special interest groups, agency policies, and legislative mandates tend to complicate this issue. Instead of drawing any firm conclusions on which side is more important, suffice it to say that, "people need parks, as much as parks need people." Therefore, resource management decisions should be made within the larger context of environmental and social concerns. If public input gets neglected during this process, then managers must rely on professional judgment or anecdotal evidence to describe the expectations, motivations, or satisfaction of park visitors. Since leisure satisfaction is the primary goal of outdoor recreation management, then much is at stake - there are nearly 18,000,000 annual visitors to Missouri State Parks. Visitor satisfaction is important to maintain a broad-based constituency, essential for long-term political and financial support of the system.

Purpose

This study was conducted to gain a better understanding of visitors at St. Joe State Park (SJSP). Park attendance is nearly 800,000 annual visitors, and has increased by 45.1% during the last decade. Mostly, this popularity is due to participation in motorized sports. In 1997, Missouri ranked 14th nationally in total number of OHV's (U.S. Consumer Product Safety Commission). Since very little is known about SJSP visitors, much information is needed. This includes: demographics, frequency & duration of visitation, place attachment, travel distance, activity participation, utilization and satisfaction with facilities / services, preference measures, and economic impact. This report should be considered as a tool to help administrators and managers make some important decisions at SJSP. However, it is only one source of information and should be viewed in light of other factors in the decision-making process.

Area Description

St. Joe State Park, near Park Hills, Missouri, is located in an area known as the "Lead Belt." For more than a century, this region produced nearly 80 percent of the nation's lead ore. The discovery of other lead deposits forced St. Joe Minerals Corporation to cease mining operations in 1972. In 1976 the land was donated to the state and developed into an 8,238 acre park. Since then, SJSP has earned the reputation as a premier off-road vehicle riding area, attracting not only Missouri residents, but also those in nearby states. The park has almost 2,000 acres reserved for ATV/ORV enthusiasts, which features riding opportunities on woodland trails and sand flats. However, the park offers a diverse set of recreational opportunities for other uses, including two campgrounds, hiking/biking trails, equestrian trails, picnicking and several lakes for swimming and fishing. The historic mill buildings, where St. Joe Minerals Company once processed lead have been designated as the Missouri Mines State Historic Site. Public tours are available.

METHODOLOGY

Data Collection

This study used a personally-administered questionnaire that was completed on site by park visitors. This “combined” methodology proved to be a quick, easy, and cost-efficient way of collecting data. Most importantly, it took advantage of the strengths of several methods, while minimizing their disadvantages. For example, personal interviews are an excellent way of gaining initial compliance, thus achieving a high response rate (mail-back questionnaires usually have a lower response rate). Normally, the quality of information is better when using a personal approach since a survey clerk was available for clarification purposes. Each visitor could complete the survey at his/her own pace since they did not feel pressured into a quick response. In other words, visitors had time to think about each question and go back, if necessary, to complete items they might have skipped. Using this procedure is relatively unobtrusive, since it only took about 15 minutes for visitors to complete the questionnaire. All questionnaires were completed on site, which accomplished three primary objectives: anonymity was preserved, mailing costs were eliminated, and non-response bias was minimized.

Two survey clerks were hired through a temporary employment agency in Farmington, Missouri, for data collection purposes. The clerks were trained and supervised by faculty/students in the Department of Parks, Recreation & Tourism at the University of Missouri. Clerks were instructed to approach visitors in a friendly, non-biased manner and ask for permission to conduct the interview. See Appendix A for the protocol. Survey clerks wore a Polo shirt and a name tag (both from the MU) during each session to establish some credibility. It was thought that “outside” data collectors might be better choice than DNR employees to avoid a potential conflict of interest. Each clerk had surveys, a clipboard, and some MU pencils for visitors to use. Pencils were given to visitors as a token of appreciation for completing the questionnaires.

Sampling Procedures

The survey was administered to adult visitors (18 + years old) at SJSP during the primary use period - from April through November, 2003. Three techniques were employed to obtain a representative sample of visitors. First was to stratify weekday and weekend visitors (see Appendix B). To make it less confusing for the survey clerks, a decision was made to sample an equal number of visitors from weekdays and weekends. Next, two time slots were used: #1 (8:00 a.m. – 12:00 p.m.); and #2 (1:00 p.m. – 5:00 p.m.) to ensure data collection would be distributed throughout the day. Lastly, a quota system was used to prevent over-sampling at one particular site. In fact, five different sampling locations (Trailheads, Staging Area, Pim Lake, Monsanto Lake, & Campgrounds) were identified and assigned a visitor quota (n=3). See Figure 1.

For the visitor population at SJSP (N=790,839), a sample size of 400 was needed to reach the 95 percent confidence interval with a sampling error of ± 5 percent. This means that the researcher is 95 percent confident that the true percentage (what actually exists in the visitor population) is within 10 percentage points for each result.

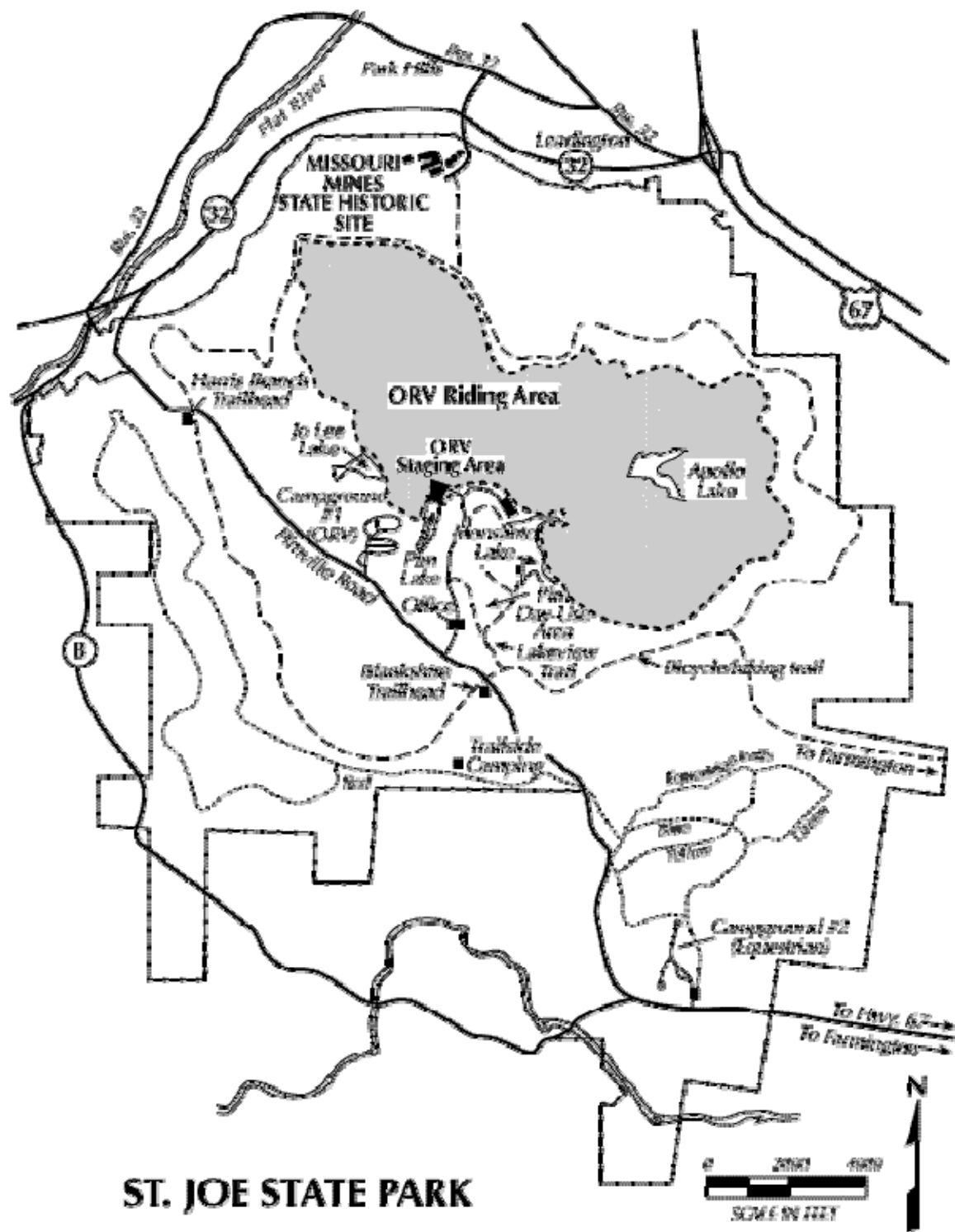


Figure 1. State Park map showing sampling locations

Questionnaire

A 29 question, 4-page survey instrument was developed by the Planning Section of Missouri State Parks in conjunction with the researcher. The questionnaire was submitted and approved by the Institutional Review Board at MU. See Appendix C for a copy of the questionnaire.

Data Entry and Analysis

All data were coded and entered into the Statistical Package for the Social Sciences (SPSS) software program. Descriptive statistics have been calculated for this report, along with tables and figures. Charts and graphs can be found in Appendix D. The codebook and spreadsheet are included with this report if additional tests wish to be conducted.

Limitations

- These results represent seasonal visitors at SJSP and may not be generalized to other time periods, parks, or visitor populations within the Missouri State Park system.
- There could be a non-response bias due to visitors unwilling to complete a questionnaire.
- This was a representative sample, not a pure random sample of park visitors.

RESULTS & DISCUSSION

Sample Size & Response Rate

The visitor study at SJSP started on Monday, April 21st, and ended on November 2nd, 2003. This report covers the entire data collection period. A total of 531 surveys were completed, about 58 percent less than the projected figure (n=840). This deficit was due to inclement weather, loss in travel time within the park, and insufficient numbers of visitors present at the designated sites. One packet of data was lost. Perhaps the biggest problem was overestimation of what could be accomplished during the sampling period. It proved to be very difficult for the survey clerks to meet their quota of 15 completed interviews during each shift (they moved to 5 different locations in the park). As a result, the sampling error for this study had to be changed (from 4 to 5 percent). The minimum sample size for a 5 percent sampling error is 400 visitors. This requirement was fully satisfied. All results indicate (with 95 percent confidence) that the “true” figure in the population lies within ± 5 percent of the numbers in the sample.

A total of 724 visitors at SJSP were asked to complete the survey. One hundred sixty-eight refused to participate in the study, while another 25 indicated they had already taken the questionnaire on a previous visit. A 76 percent response rate was obtained after subtracting those who had been surveyed (n=699) and factoring in the number of refusals (531/699). This response rate is very good for social science surveys. Research has shown that any amount over 65 percent is good enough to draw valid conclusions about a population.

Demographic Characteristics

Of the visitors that completed surveys, almost two thirds (65.6 percent) were male and one third (33.5 percent) were female (Table 1). This finding should not be surprising due to the fact that most park visitors ride ATV/ORV's. Although some females participate in this activity, it is predominately a “male” sport. Most likely, females participated in other activities (i.e., beach use, picnicking, biking), perhaps with small children. These comments are not meant to stereotype males and females by activity selection, instead, they are only one interpretation of the data. Direct field observations may yield a different conclusion.

Table 1. Demographic Characteristics: Gender

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Female	1	178	33.5	34.4	34.4
Male	2	339	63.8	65.6	100.0
	.	14	2.6	Missing	
	Total	531	100.0	100.0	

Although some park visitors are younger (00-06) and older (56-UP), it appears that the largest concentration of park users fall within the 7-55 age group. Visitation at SJSP seems to be a highly social activity. The largest group sizes were reported in the 16-45 age category (up to 25, with an average exceeded two people). See Table 2.

Table 2. Demographic Characteristics: Age

Age	Mean	Std Dev	Range	Minimum	Maximum	N
00-06	1.64	.94	5.00	1	6	107
07-15	1.99	1.22	7.00	1	8	245
16-25	2.21	2.08	24.00	1	25	199
26-35	2.15	2.10	24.00	1	25	196
36-45	2.04	1.73	14.00	1	15	227
46-55	1.56	.91	5.00	1	6	129
56-65	1.57	.78	4.00	1	5	63
66-UP	1.31	.54	2.00	0	2	29

An overwhelming majority of park visitors (96.1 percent) identified themselves as Caucasians (Table 3). Of course, under representation of minorities is an issue at other park settings, as well. Perhaps SJSP could be more proactive in attracting visitors from other racial backgrounds, assuming they are interested in outdoor recreation - especially ATV/ORV use. Neglect of certain visitor populations may result in some long-term consequences.

Table 3. Demographic Characteristics: RACE

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
African American	1	5	.9	1.0	1.0
American Indian	2	6	1.1	1.2	2.1
Asian	3	1	.2	.2	2.3
Hispanic	4	2	.4	.4	2.7
White	5	496	93.4	96.1	98.8
Other	6	6	1.1	1.2	100.0
.	.	15	2.8	Missing	
Total		531	100.0	100.0	

About a third (33.4 percent) of the visitors had finished High School and another third (34.4 percent) had completed some college. Less than a quarter (22.1 percent) received a Bachelors degree or higher (Table 4). Overall, this visitor population is not highly educated. On the other hand, SJSP visitors seem to be quite wealthy, as evidenced by the reported incomes of park visitors. Over half (56.3 percent) of the visitors make over \$50,000 dollars per year. This figure includes 8.2 percent that make in excess of \$100,000 (Table 5). Higher incomes are necessary to participate in ATV/ORV activities, however, this finding is somewhat inconsistent with their education level (Table 4) and occupation (Appendix K). One explanation could be the “central life interest” theory of recreation. Some people value their primary activity so much that neither time, nor money (or other factors) interferes with participation. If true, then the clientele are loyal to their activity. Another possibility is self-inflated incomes.

Table 4. Demographic Characteristics: EDUCATION LEVEL

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Grade school	1	5	.9	1.0	1.0
High school	2	172	32.4	33.4	34.4
Vocational school	3	47	8.9	9.1	43.5
Some college	4	177	33.3	34.4	77.9
College graduate	5	82	15.4	15.9	93.8
Advanced degree	6	32	6.0	6.2	100.0
.	.	16	3.0	Missing	
Total		531	100.0	100.0	

Table 5. Demographic Characteristics: INCOME LEVEL

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
<\$20,000	1	30	5.6	6.3	6.3
\$20,000-30,000	2	38	7.2	8.0	14.3
\$30,001-40,000	3	73	13.7	15.3	29.6
\$40,001-50,000	4	67	12.6	14.1	43.7
\$50,001-60,000	5	79	14.9	16.6	60.3
\$60,001-70,000	6	61	11.5	12.8	73.1
\$70,001-80,000	7	34	6.4	7.1	80.3
\$80,001-90,000	8	36	6.8	7.6	87.8
\$90,001-100,000	9	19	3.6	4.0	91.8
>\$100,000	10	39	7.3	8.2	100.0
.	.	55	10.4	Missing	
Total		531	100.0	100.0	

Visitation Patterns

Only about 17 percent of the sample have not visited SJSP previously (Table 6). Table 7 indicates that first-time visitors are spending a large amount of time at the park (almost 4 ½ hours for day-use and nearly 3 nights for those staying longer). Perhaps their length of stay was influenced by word-of-mouth communication or park advertising. Whatever the reason, first time visitors usually do not stay this long at parks.

TABLE 6. First Time vs. Repeat Visitors

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Yes (first-time visitor)	1	88	16.6	16.6	16.6
No (repeat visitor)	2	443	83.4	83.4	100.0
Total		531	100.0	100.0	

Table 7. Length of Stay: First Time Visitor (FTV) vs. Repeat Visitors (RPV)

Variable	Mean	Std Dev	Range	Minimum	Maximum	N
FTV Minutes	269.03	109.13	390.00	90	480	31
FTV Nights	2.73	2.19	14.00	1	15	52
RPV Minutes	281.97	140.10	717.00	3	720	245
RPV Nights	2.65	1.72	14.00	1	15	149

Repeat visitors accounted for roughly 83 percent of the visitation (Table 6). In fact, they average close to 16 trips per year (Table 8). It appears that SJSP has developed a loyal customer base. Moreover, conversion of first time visitors into “regulars” is likely based on the similarity of minutes and nights for these two groups ($x=281.97$ vs. $x=269.03$, and $x=2.65$ vs. $x=2.73$, respectively). See Table 7. Perhaps visitation is attributed to satisfaction with the predominant park activity, ATV/ORV riding.

Table 8. Yearly Trips: Repeat Visitors

Variable	Mean	Std Dev	Range	Minimum	Maximum	N
Visits	16.22	29.99	299.00	1	300	426

Recreationists say they prefer visiting SJSP during the Spring, Summer, and Fall (but not Winter). There is some discrepancy between what visitors say they prefer and what actually occurs. As seen in Table 9, the reported seasonal preferences do not reflect actual attendance.

Table 9. Seasonality Preference: Repeat Visitors

Season	n	Percent*	Actual Park Use by Season
Winter	80	15.1	9.45%
Spring	331	62.3	26.69%
Summer	327	61.6	40.71%
Fall	319	60.1	23.14%

* check all that apply, figures do not equal 100.0%

SJSP visitors were widely dispersed, coming from 195 different zip codes. Predominantly, visitors were from the metropolitan St. Louis area. The most frequently occurring zip codes were Farmington (n=45) and Park Hills (n=39). Those coming from farther away tended to live near an Interstate highway. See Appendix E for a zip code distribution map. Seventy-six percent of park visitors were from Missouri, although 13 states were represented in the sample. Illinois was second place.

Overnight Accommodations

As previously noted, overnight visitors spend almost 3 nights in or near SJSP. Table 10 shows their lodging choices. Nearly 84 percent are staying on site. Since the average visitor returns approximately 16 times per year, this should be a blessing for SJSP. Proper maintenance and timely campsite renovation should ensure that visitors will come back, year after year. The type of camper, not necessarily the occupancy rate, might change if the campsite reservation system is fully implemented at SJSP. Although the reservation system promotes equity, loyal park visitors might be displaced if they were required to make advance reservations. If this occurs, then negative public relations might develop. Any changes should be made with caution.

Surprisingly, tent camping at SJSP is more popular than rv/trailer camping (54 to 46 percent, respectively). See Table 11. Perhaps additional information should be gathered from tent campers to determine if their needs are being met. Presumably, some campers may visit for activities other than ATV/ORV use.

Table 10. Selection of Overnight Accommodations

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
ORV campground	1	175	33.0	63.2	63.2
horse campground	2	57	10.7	20.6	83.8
nearby lodging	3	15	2.8	5.4	89.2
nearby campground	4	12	2.3	4.3	93.5
friends/relatives	5	6	1.1	2.2	95.7
other	6	12	2.3	4.3	100.0
	.	254	47.8	Missing	
Total		531	100.0	100.0	

Table 11. Campsite Preferences

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
tent camping	1	166	31.3	54.1	54.1
rv/camper/trailer	2	141	26.6	45.9	100.0
	.	224	42.2	Missing	
Total		531	100.0	100.0	

Travel Party Composition

Table 12 shows that SJSP visitation is predominately a social activity (37 percent with family members and 32 percent with family and friends). Since these two groups account for over two thirds of all park visitors, much attention should be focused on their satisfaction. Presumably, four groups account for this pattern: 1) father-son; 2) father-son-friends; 3) mother-kids; and 4) older male friends (aged 16-35) who participate in park activities.

The social aspects of participation should be prominently displayed in park advertising and on the website. For example, SJSP should focus on the benefits of group involvement (family togetherness, social interaction, bonding, etc.), instead of showing pictures of individuals participating in outdoor activities. The recreation literature indicates that visitors often place more importance on the benefits derived from participation than the activity itself.

Table 12. Travel Party Composition

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
alone	1	48	9.0	9.3	9.3
family	2	192	36.2	37.1	46.4
family & friends	3	167	31.5	32.3	78.7
friends	4	97	18.3	18.8	97.5
club/organized group	5	5	.9	1.0	98.5
other	6	8	1.5	1.5	100.0
.	.	14	2.6	Missing	
Total		531	100.0	100.0	

Activity Selection

St. Joe State Park offers a range of active and passive recreational opportunities. Table 13 lists the frequency of participation in selected activities. This activity selection is good since two-thirds of park visitors come with family and/or family & friends. However, increased participation often results in conflict. Conflict is defined as “goal interference attributed to another’s behavior.” The theoretical basis for conflict rests on the assumption that activities are a means to a greater end-product (benefits). The model has several stages: motivations > participation > benefits, all nested within a multi-level setting (environmental, social & managerial). Conflict can be reduced and visitor satisfaction increased by using management strategies such as law enforcement, signs, interpretation, and zoning techniques.

Table 13. Activity Profile (Summary)

Activity	n	Percent*
ATV/ORV Riding	321	60.5
Camping	175	33.0
Beach Use	168	31.6
Picnicking	122	23.0
Biking	88	16.6
Hiking	82	15.4
Fishing	47	8.9
Horseback Riding	22	4.1
Other	16	3.0
MO Mines Visitation	13	2.4

* check all that apply, figures do not equal 100.0%

Beach use is quite popular at SJSP, with almost a third (31.6 percent) of visitors participating in this activity. This translates into nearly 250,000 participants for the year. Table 14 indicates that most beach goers visit the park about 6 times and spend about 3 hours each visit. A complete profile of beach use can be seen in Appendix F. There seems to be no preference of one beach over the other (Table 15), although visitors were not stratified by place of residence.

Camping is second in popularity at 33 percent, but this is not mutually exclusive of other activities. In other words, camping is a secondary, not primary activity amongst most park visitors. Thus, it appears that SJSP has two primary user groups, overnight: (ATV/ORV and horseback riding); and day-use: (beach activities, picnicking, biking, hiking, fishing and SHS visitation). Attention should be directed at both groups, but especially overnight visitors.

As expected, the primary activity at SJSP is ATV/ORV riding (60.5 percent). This means there were approximately 500,000 riders in the park last year. Table 16 suggests that the average ATV/ORV rider visits the park about 9 times per year, spending about 5 hours each day. Complete data on ATV/ORV use can be seen in Appendix G. This group does not seem to be very interested in attending nor participating in ATV/ORV special events at the park (Table 17). Riders seem prefer the woodland trails over the sand flats by a 60-40 margin, respectively (Table 18). This result could indicate a greater demand for mountain biking. In light of these findings, management efforts should be focused on ATV/ORV use. On-going surveys should be administered to this target group to determine what, if any, changes are needed in the provision of recreational services. Visitor satisfaction should be monitored closely. Presently, there are not many places to ride [legally] in Missouri. Therefore, it is possible that park attendance has increased based on the limited number of alternatives. Soon the US Forest Service will be opening three ATV/ORV areas in the Mark Twain National Forest due to a growing demand for this activity. Possibly SJSP might lose some visitors in the process. Upgrades to the camping area, including a vehicle washing station might be in order.

Visitors that enjoy hiking and fishing usually place a high value on quietness, solitude and privacy. The fact that these activities occur at SJSP is somewhat amusing, due to the apparent contradiction. Over course, the park contains over 8,000 acres, so there is ample room to escape the noise. However, some activities (such as fishing) have limited opportunities. Perhaps fishermen choose this location in hopes that competition will be less.

The low number of horseback riders (n=22; 4.1 percent) is surprising. Although they have similar motivations as hikers and anglers, horses have the ability to cover a large amount of ground in a relatively short period of time. In other words, they can escape some, if not all, of the noise. Perhaps more information needs to be collected from them in order to provide a better match between their activity and the recreational opportunity. An exclusive campground with better amenities might be helpful.

The activity that received the least amount of participation was the Missouri Mines SHS. Only 2.4 percent of park visitors attended this site. This finding does not reflect the total visitation at MMSHS. There is no direct access from SJSP to MMSHS, therefore one should consider museum visitation as a secondary, not primary activity

Table 14. Beach Use Characteristics by Age Group.

Age	n	Min.	Max.	Sum	Mean	Exposure
00-06 hrs.	81	1	8	248	3.06	20.50
00-06 trips	60	1	25	402	6.7	
07-15 hrs.	143	1	9	408	2.85	18.10
07-15 trips	119	1	25	755	6.34	
16-25 hrs.	76	1	6	195	2.57	22.60
16-25 trips	73	1	70	642	8.79	
26-35 hrs.	75	1	8	213	2.84	19.31
26-35 trips	64	1	70	435	6.80	
36-45 hrs.	96	1	10	287	3.00	22.65
36-45 trips	71	1	50	536	7.55	
46-55 hrs.	40	1	10	107	2.68	13.53
46-55 trips	39	1	15	197	5.05	
56-65 hrs.	5	1	3	10	2.00	8.66
56-65 trips	3	1	7	13	4.33	
66-UP hrs.	1	1	1	1	1.00	1.00
66-UP trips	2	1	1	2	1.00	

Table 15. Beach Use Preference

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Pim Lake	1	112	21.1	24.6	24.6
Monsanto Lake	2	115	21.7	25.2	49.8
NA	3	229	43.1	50.2	100.0
	.	75	14.1	Missing	
Total		531	100.0	100.0	

Table 16. ATV / ORV Rider Characteristics by Age Group.

Age	n	Min.	Max.	Sum	Mean	Exposure
00-06 hrs.	56	1	10	223	3.98	33.19
00-06 trips	38	1	35	317	8.34	
07-15 hrs.	270	1	12	1365	5.15	43.98
07-15 trips	204	1	60	1742	8.54	
16-25 hrs.	242	1	10	1325	5.48	61.87
16-25 trips	206	1	100	2326	11.29	
26-35 hrs.	216	1	12	1143	5.29	40.95
26-35 trips	190	1	70	1470	7.74	
36-45 hrs.	201	1	11	1028	5.11	46.50
36-45 trips	155	1	60	1411	9.10	
46-55 hrs.	84	1	8	432	5.14	35.98
46-55 trips	63	1	30	441	7.00	
56-65 hrs.	21	1	6	76	3.62	48.26
56-65 trips	15	1	52	200	13.33	
66-UP hrs.	1	1	5	5	5	25.00
66-UP trips	1	1	5	5	5	

Table 17. ATV/ORV Special Event Participation

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
attend	1	40	7.5	8.8	8.8
participate	2	19	3.6	4.2	12.9
both attend & participate	3	28	5.3	6.1	19.1
neither	4	369	69.5	80.9	100.0
	.	75	14.1	Missing	
Total		531	100.0	100.0	

Table 18. ATV/ORV Riding Area Preference

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
sand flats	1	131	24.7	41.6	41.6
woodland trails	2	184	34.7	58.4	100.0
	.	216	40.7	Missing	
Total		531	100.0	100.0	

Satisfaction

Most visitors seem to be satisfied with SJSP since each of the items in Table 19 exceeded 3.0 on a 4.0 scale. However, the sample sizes varied for each attribute. For example, 457 visitors evaluated park signs, whereas only 121 rated horse trails. Most visitors probably feel uncomfortable evaluating an attribute without personally experiencing it. Since each item showed high levels of satisfaction, a better way to analyze the data is to compare the frequencies of each label (VD, D, S, VS) using a non-parametric procedure. See Appendix H.

The total satisfaction score ($\bar{x}=3.56$) was derived from averaging the eight items. One advantage of using this approach is to gain a holistic picture of satisfaction because it includes dimensions that visitors might not have considered otherwise. Since the sample size is a reflection the response rate, items which contain missing data are excluded from analysis. Thus, the total sample size for using this procedure is relatively small ($n=56$). Another way of evaluating satisfaction is to ask one “global” question, hoping that visitors will address all facets of the park. The response rate is better, but the quality of the data is less since people do not consider multiple aspects unless asked to do so. Most responses to this type of question are skewed toward the positive end of the scale. Table 20 measures “global” satisfaction.

Table 19. Satisfaction Scores (1=VD; 2=D; 3=S; 4=VS)

Variable	Mean	Std Dev	Minimum	Maximum	N
Biking Trails	3.62	.54	1	4	190
Hiking Trails	3.55	.59	1	4	169
Campground	3.55	.59	1	4	344
Picnicking	3.53	.58	1	4	395
Signs	3.51	.61	1	4	457
ATV Trails	3.42	.66	1	4	352
Trail Maint.	3.38	.68	1	4	410
Horse Trails	3.38	.64	1	4	121
TOTAL	3.56	.49	2.75	4.00	56

Table 20. Overall Satisfaction Scores

Mean	3.668	Median	4.000	Mode	4.000
Std dev	.532	Range	3.000	Minimum	1.000
Maximum	4.000	Sum	1933.000		

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	4	.8	.8	.8
dissatisfied	2	4	.8	.8	1.5
satisfied	3	155	29.2	29.4	30.9
very satisfied	4	364	68.5	69.1	100.0
.	.	4	.8	Missing	
Total		531	100.0	100.0	

Importance-Performance Analysis

One simple, but powerful technique used to evaluate a list of attributes is known as the importance performance analysis. This procedure asks visitors to evaluate the same item on two dimensions: importance and performance, using two separate scales. Afterwards, each dimension is sub-divided into high and low segments by using the mean, median, or fixed interval approach. The resultant score is placed into one of four quadrants in a 2 X 2 matrix (See Figure 2). The four quadrants are: **I Low Priority** (low importance and low performance); **II Possible Overkill** (low importance and high performance); **III Focus Here** (high importance and low performance); and **IV Keep Up the Good Work** (high importance and high performance).

The seven items used in this study included: 1) being free from litter and trash; 2) having clean restrooms; 3) upkeep of park facilities; 4) having helpful & friendly park staff; 5) access for persons with disabilities; 6) caring for the natural resources; and 7) being safe.

After seeing little variation in the ratings for each dimension, a fixed interval method was selected for analysis (mean or median approaches work best with normally distributed data). The “importance” dimension was collapsed into low (unimportant or very unimportant) and high (important and very important) ratings and the “performance” dimension was collapsed into low (fair or poor) and high (good or excellent) ratings using a frequency procedure. Although there was some variability in the frequency and percent, quadrant IV (Keep Up the Good Work) received the highest rating for each of the seven items. Results can be seen in Appendix I.

		PERFORMANCE	
		Low	High
IMPORTANCE	Low	<i>Low Priority</i>	<i>Possible Overkill</i>
	High	<i>Focus Here</i>	<i>Keep it Up</i>

Figure 2. Importance-Performance Analysis

Park Safety & Crowding Issues

As noted in the “safety” IPA (Appendix I), most park visitors placed a high importance on this attribute (n=503; 98.8 percent). In addition, nearly all visitors (n=480; 94.3 percent) thought that SJSP was doing a very good job of addressing this issue. According to 93.3 percent of the visitors, SJSP should “Keep Up the Good Work” as it relates safety.

When asked about increasing park safety, 159 visitors reported “nothing specific” (Table 21). This finding can be interpreted to mean a general feeling of uneasiness or they could not find their reason on the list provided. It appears that visitors are most concerned with the behavior of others, especially young, unsupervised riders. Their solution to this perceived problem is increased training, staff visibility, and law enforcement personnel. Physical improvements seemed to generate the least amount of support (upkeep, increased lighting, entrance gates) and should not be implemented at this time. Area maintenance is important, especially in the ATV/ORV zone.

Questions on crowding produced mixed results. In Table 21, “less crowding” was mentioned by 65 visitors (12.2 percent) as a way to “increase your feeling of being safe.” This gives the impression that crowding is an issue for some people. This might refer to the reckless behavior of some young riders. However, the next question asked visitors to rate crowding on a 9-point scale (1=not crowded at all to 9=extremely crowded). The mode was 1 (n=307) and the mean score was $\bar{x}=2.27$ (Table 22). This finding indicates that crowding is not a serious concern for most visitors at SJSP.

Table 21. Ways to Increase Park Safety

Activity	n	Percent
Nothing Specific	159	29.9
Behavior of Others	76	14.3
Less Crowding	65	12.2
Incr. Law Enforcement	54	10.2
Other Concerns	52	9.8
Visibility of Park Staff	51	9.6
Improved Facility Upkeep	41	7.7
More Lighting	36	6.8
Less Traffic	23	4.3
Gated Campgrounds	12	2.3
Gated Park Entrance	8	1.5

Table 22. Perceptions of Crowding

Mean	2.274	Median	1.000	Mode	1.000
Std dev	1.942	Range	8.000	Minimum	1.000
Maximum	9.000	Sum	1187.000		

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
not at all	1	302	56.9	57.9	57.9
	2	59	11.1	11.3	69.2
	3	48	9.0	9.2	78.4
	4	41	7.7	7.9	86.2
	5	23	4.3	4.4	90.6
	6	19	3.6	3.6	94.3
	7	15	2.8	2.9	97.1
	8	10	1.9	1.9	99.0
extremely	9	5	.9	1.0	100.0
	.	9	1.7	Missing	
Total		531	100.0	100.0	

Place Attachment

A 5-point, Likert scale (1=SD; 2=D; 3=N; 4=A; and 5=SA) was used to measure place attachment. The summary statistics for each item are shown in Table 23, and responses to individual items can be seen in Appendix J. Each of the items had a score of 3.0 or greater, except for #6. This item was negatively-worded, which seemed to cause some difficulty for park visitors. The scale yielded a reliability coefficient of 0.84 using Cronbach’s alpha procedure.

Surprisingly, little variation occurred in the place attachment scores among activities (Table 24). From this, one could argue that the park is not valued by one group of participants more than another. Another conclusion is the scale did not adequately measure this concept. If ATV/ORV riders place more importance on the activity than the place, then their [possible] departure would mean a significant loss of political and financial support for the park. It appears this opportunity is substitutable after looking at the alternative ATV/ORV places to ride listed in Appendix K.

Table 23. Place Attachment Scores

Variable	Mean	Std Dev	Minimum	Maximum	N
Best Place	4.24	.80	2	5	526
No Other Place	3.58	.98	1	5	516
More Satisfaction	3.60	.94	1	5	515
More Important	3.56	.97	1	5	518
No Substitute	3.53	1.01	1	5	519
Enjoy At Similar Site	2.32	.98	1	5	517
TOTAL	3.47	.70	1.50	5.00	502

Table 24. Place Attachment Scores by Activity

Activity	x	s.d.	n
Camping	3.55	0.7310	169
ATV/ORV Riding	3.54	0.7114	310
Beach Use	3.54	0.6804	163
Fishing	3.51	0.6542	45
Picnicking	3.50	0.7278	116
Biking	3.47	0.7023	84
Hiking	3.39	0.7486	73
Horseback Riding	3.37	0.6880	22
Other	3.26	0.7684	15
MO Mines Visitation	3.24	0.6405	13

Economic Impacts

The following economic impacts were produced in 2003 by visitors at St. Joe State Park:

- Visitor Expenditures: 790,839 visitors spent a total of \$14.6 million on trips to the park. In general, visitors spent about \$18.45 per person per day during their visits. The average length of stay for a typical trip was 2.16 days for all visitors.
- Impacts on Sales: Expenditures of visitors to SJSP generated a total of \$13 million in sales in businesses and organizations that interacted directly with visitors (i.e., the tourism industry). Since the money spent by these visitors was re-spent again and again in the state economy, SJSP visitors generated a total of \$18 million in sales when considering the multiplier effect: \$13 million in sales in the tourism industry and an additional \$5 million in sales related businesses and organizations.
- Impacts on Income and Employment: The \$14.6 million tourist expenditure contributed \$3.3 million to employee income, and supported about 154 jobs in the tourism industry. Including the multiplier effects on income and employment, SJSP visitors' total expenditure had an overall impact on the state economy of \$5.2 million in income and 219 jobs in employment.
- Impacts on Taxes: The total spending of SJSP visitors generated about \$2.3 million in taxes, including \$1.2 million in federal government (non-defense) taxes and \$1.1 million in state and local government taxes (non-education).
- Out-of-State Visitor Expenditures: Of the \$14.6 million spent by SJSP visitors, \$3.3 million (22.6%) was spent by out-of-state visitors. This amount represents the “new” money brought to the state’s economy by SJSP visitors. Out-of-state visitors spent an average of \$18.06 per person per day during their trips to the park. The total expenditures of out-of-state visitors generated \$3 million in sales in the tourism industry. Including the sales multiplier, non-resident state park visitors generated \$4.2 million in total sales in Missouri's economy.
- Impacts of Out-of-State Visitor Expenditures: The \$3.3 million of visitor spending generated \$762,422 in employee income and supported 36 jobs in the tourism industry. Adding the multiplier effects, their expenditures generated a total of \$1.2 million in income and supported a total of 51 jobs in the state economy. Out-of-state visitors contributed a total of \$526,280 in taxes, with \$279,034 in federal taxes and \$246,802 in state and local taxes.

Table 25. SJSP Visitor Expenditure Patterns.

Visitor Origin	Visitor Numbers	Avg. Spending Person/Day	Total Expenditure
In-state	607,364	\$17.05	\$10,355,556
Out-of-State	183,475	\$18.06	\$3,313,559
TOTAL*	790,839	\$18.45	\$14,590,980

* Total includes in-state visitors, out-of-state visitors and those who did not provide zip code information.

Table 26. Statewide Economic Impacts of SJSP Visitors.

	All Visitors	Out-of-state Visitors
Total visitor expenditure (\$ millions)	\$14.6	\$3.3
DIRECT EFFECTS		
Sales (\$ millions)	\$13.0	\$3.0
Income (\$millions)	\$3.3	\$0.76
Jobs	154	36
TOTAL EFFECTS		
Sales (\$ millions)	\$18.0	\$4.2
Income (\$ millions)	\$5.2	\$1.2
Jobs	219	51
Tax (Federal, State and Local \$ millions)	\$2.3	\$0.53

APPENDIX A: VISITOR PROTOCOL

VISITOR PROTOCOL

Hi, my name is _____. I'm working for the University of Missouri to conduct a visitor survey at St. Joe State Park. The information I'm collecting will be useful for managing this site in the future.

The questionnaire is fairly short, and it only takes about 10 minutes to complete. If you are 18 or older we would like for you to complete the survey. However, your participation is voluntary. You will remain anonymous.

Would you be willing to help us out?

[if no] Thanks for your time. Have a nice day.

[if yes] Here's a pencil and clipboard, you may keep the pencil if you like.
Thanks for taking the time to complete our survey. Your help is greatly appreciated. I'll be nearby if you have any questions. Have a nice day.

TRAINING PROCEDURES & TIPS

- Act professional, you are representing the University of Missouri.
- Wear your Polo shirt and name badge when surveying visitors
- If asked, be ready to provide the contact information listed below.
- Be courteous and friendly when approaching strangers.
- Randomly select visitors, don't be biased.
- Treat pet owners the same as anyone else, beware of vicious dogs.
- Females (esp. solo) may feel uneasy about your approach, use discretion
- Encourage compliance - but don't be forceful or put them on a guilt trip.
- All responses are anonymous - no names, codes, or other identifiers will be used.
- Most visitors will respond positively to your request.
- Stand nearby (but don't hover) in case they have any questions.
- Keep track of refusals.
- Don't respond negatively to any rudeness, obscene gestures, etc.
- Thank them for participation.
- Please don't answer other questions about the park.
- Fill quota at each sampling location, this might require moving around.
- Complete 3 surveys at each of the 5 locations (3 X 5 = 15)
- Okay to exceed quota, in fact preferable if you have extra time
- If unable to fill quota at one location, then over-sample at another one.
- Completion of items (all vs. few) requires some screening.
- Please indicate date, location, and time on form after survey is completed
- Rainy day policy – survey if people are present.
- Rainout, survey next day same time period (ex. Mon/Tue, not Fri/Sat)
- Exit interview is preferable, not early arrivals
- Don't approach people sitting in their car
- Don't knock on RV doors, or approach people inside their tents
- Campers outside are okay - use proper judgment
- Family groups (1 member only)
- Unrelated visitors in the same group (to be determined)

Contact Information:

Dr. Mark Morgan

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(573) 882-9525

Campus Institutional Review Board

University of Missouri-Columbia

(573) 882-9585

APPENDIX B: SAMPLING DESIGN

SAMPLING DESCRIPTION

Sampling should occur from 5 locations during each 4-hour time block. They are:

- ORV staging area
- Pim Lake beach users
- Monsanto Lake beach users
- Campgrounds (ORV & Horse)
- Trailheads (Horse, Blankshire & Harris Branch)

You should collect at least 3 surveys at each site, for a total of 15 questionnaires ($5 \times 3 = 15$). For the Campgrounds, choose one (either ORV or Horse) and try to get 3 visitors from that site. Choose the “other” location on your next time and sample campgrounds. If you are having some difficulty getting 3 visitors from one campground, then go to the other and pick up the remainder. Apply this same rule to the Trailheads (Horse, Blankshire & Harris Branch). The “Horse” trailhead is simply the day use area (parking lot). Obviously, this will require some driving around the park. For convenience sake, try to complete all your interviews at one location before moving to the next one. Please do not “over sample” from one location (excess of 3), without visiting the other sites first. However, I don’t mind if you over sample at one location, provided that you made an attempt to reach your quota at the other locations. Bottom line: try to get 15 surveys completed during a 4-hour time block by visiting all 5 locations.

Remember - don’t sit around and wait for people (lemonade stand approach). Actively seek visitors (in a non-biased manner) to complete the questionnaire.

On the outside of your brown envelope, please record the following information: date, time (morning or afternoon), refusals, and your name so I can ask you any questions if I need to.

SAMPLING DESIGN

	TIME OF DAY		
TIME OF WEEK	a.m. (before noon)	p.m. (after noon)	ROW TOTALS
weekday	n=42 staging area n=42 campgrounds n=42 Monsanto L. n=42 Pim L. n=42 trailheads n=210	n=42 staging area n=42 campgrounds n=42 Monsanto L. n=42 Pim L. n=42 trailheads n=210	n=84 staging area n=84 campgrounds n=84 Monsanto L. n=84 Pim L. n=84 trailheads n=420
weekend	n=42 staging area n=42 campgrounds n=42 Monsanto L. n=42 Pim L. n=42 trailheads n=210	n=42 staging area n=42 campgrounds n=42 Monsanto L. n=42 Pim L. n=42 trailheads n=210	n=84 staging area n=84 campgrounds n=84 Monsanto L. n=84 Pim L. n=84 trailheads n=420
COLUMN TOTALS	n=84 staging area n=84 campgrounds n=84 Monsanto L. n=84 Pim L. n=84 trailheads n=420	n=84 staging area n=84 campgrounds n=84 Monsanto L. n=84 Pim L. n=84 trailheads n=420	n=168 staging area n=168 campgrounds n=168 Monsanto L. n=168 Pim L. n=168 trailheads N=840

Week	Session	Data Collection Days	Anticipated	Actual
1	p.m. a.m.	Monday, April 21 Saturday, April 26	n=15 n=15	n=11 n=17
2	a.m. p.m.	Tuesday, April 29 Sunday, May 4	n=15 n=15	n=08 n=14
3	p.m. a.m.	Wednesday, May 7 Saturday, May 10	n=15 n=15	n=08 n=10
4	a.m. p.m.	Thursday, May 15 Sunday, May 18	n=15 n=15	n=09 n=17
5	p.m. a.m.	Friday, May 23 Saturday, May 24	n=15 n=15	n=17 n=15
		Sub-total	n=150	n=126
6	a.m. p.m.	Monday, May 26 Sunday, June 1	n=15 n=15	n=18 n=14
7	p.m. a.m.	Tuesday, June 3 Saturday, June 7	n=15 n=15	n=08 n=13
8	a.m. p.m.	Wednesday, June 11 Sunday, June 15	n=15 n=15	n=09 n=19
9	p.m. a.m.	Thursday, June 19 Saturday, June 21	n=15 n=15	n=11 n=15
10	a.m. p.m.	Friday, June 27 Sunday, June 29	n=15 n=15	n=10 n=12
		Sub-total	n=150	n=129
11	p.m. a.m.	Monday, June 30 Saturday, July 5	n=15 n=15	n=15 n=11
12	a.m. p.m.	Tuesday, July 8 Sunday, July 13	n=15 n=15	n=15 n=07
13	p.m. a.m.	Wednesday, July 16 Saturday, July 19	n=15 n=15	n=08 n=08
14	a.m. p.m.	Thursday, July 24 Sunday, July 27	n=15 n=15	n=14 n=15
15	p.m. a.m.	Friday, August 1 Saturday, August 2	n=15 n=15	n=08 n=07
		Sub-total	n=150	n=108

16	a.m. p.m.	Monday, August 4 Sunday, August 10	n=15 n=15	n=15 n=12
17	p.m. a.m.	Tuesday, August 12 Saturday, August 16	n=15 n=15	n=10 n=09
18	a.m. p.m.	Wednesday, August 20 Sunday, August 24	n=15 n=15	n=12 n=09
19	p.m. a.m.	Thursday, August 28 Saturday, August 30	n=15 n=15	n=11 n=07
20	a.m. p.m.	Friday, September 5 Sunday, September 7	n=15 n=15	n=00 n=00
		Sub-total	n=150	n=85
21	p.m. a.m.	Monday, September 8 Saturday, September 13	n=15 n=15	n=00 n=00
22	a.m. p.m.	Tuesday, September 16 Sunday, September 21	n=15 n=15	n=00 n=13
23	p.m. a.m.	Wednesday, September 24 Saturday, September 27	n=15 n=15	n=14 n=11
24	a.m. p.m.	Thursday, October 2 Sunday, October 5	n=15 n=15	n=00 n=07
25	p.m. a.m.	Friday, October 10 Saturday, October 11	n=15 n=15	n=00 n=00
		Sub-total	n=150	n=45
26	a.m. p.m.	Monday, October 13 Sunday, October 19	n=15 n=15	n=07 n=04
27	p.m. a.m.	Tuesday, October 21 Saturday, October 25	n=15 n=15	n=07 n=10
28	a.m. p.m.	Wednesday, October 29 Sunday, November 2	n=15 n=15	n=00 n=10
		Sub-total	n=90	n=38
		TOTAL	N=840	N=531

APPENDIX C: SJSP VISITOR QUESTIONNAIRE



The Missouri Department of Natural Resources and the University of Missouri would like to ask your opinions of St. Joe State Park. Your cooperation is important in helping us make decisions about managing this park. This survey is voluntary, completely anonymous and will take about ten minutes to complete. Thank you for your time and effort.

1. **Is this your first visit to St. Joe State Park?** (Check only one box.)

- yes (If yes, go to next question.)
 no (If no, skip to question 3.)

2. **If you are a first time visitor to St. Joe State Park, how long will you be staying at the park?** (Check only one box.)

- I'm staying for the day for... _____ minutes OR _____ hours
 I'm staying overnight for... _____ nights
(If a first time visitor, skip question 3.)

3. **If you are a repeat visitor to St. Joe State Park...**

a. **how many visits do you make in a typical year?** _____ number of visits

b. **which seasons of the year do you prefer to visit?** (Check all that apply.)

- winter spring summer fall

c. **how long do you stay during a typical visit?** (Check only one box.)

- I typically stay only for the day for... _____ minutes OR _____ hours
 I typically stay overnight for... _____ nights

4. **If staying overnight during this visit, where are you staying?**

- ORV campground in St. Joe State Park nearby campground
 equestrian campground in St. Joe State Park friends/relatives
 nearby lodging facilities other (Please specify.) _____

5. **When camping at St. Joe State Park, do you typically camp in a tent or recreational vehicle (RV)?** (Check only one box.)

- tent RV/camper/trailer

6. **Who came with you on today's visit to St. Joe State Park?** (Check only one box.)

- I came alone my family & friends I came with a club/organized group
 my family my friends other (Please specify.) _____

7. **How many people from each of the following age categories are in your travel party today? Please include yourself.** (Enter number for each age category.)

0-6 years old	_____ #	26-35 years old	_____ #	56-65 years old	_____ #
7-15 years old	_____ #	36-45 years old	_____ #	66 years & older	_____ #
16-25 years old	_____ #	46-55 years old	_____ #		

8. **Which of the following activities will you be participating in during today's visit to St. Joe State Park?** (Check all that apply.)

- ATV/ORV riding hiking/walking using beach area
 camping bicycling horseback riding
 picnicking fishing other (Please specify.) _____
 visiting Missouri Mines State Historic Site _____

9. Do you prefer using the beach at Pim Lake or at Monsanto Lake? (Check only one box.)

- Pim Lake Monsanto Lake Not applicable

10. If you or any of your group members will be riding ATVs/ORVs or using a beach during today's visit, please provide the following information:

a. How many hours each person will be participating during today's visit.

b. How many times each person participates in a typical year.

Don't forget to include yourself.

		0-6 YEARS		7-15 YEARS		16-25 YEARS		26-35 YEARS		36-45 YEARS		46-55 YEARS		56-65 YEARS		66+	
		Number of hours today	Number of times a year	Number of hours today	Number of times a year	Number of hours today	Number of times a year	Number of hours today	Number of times a year	Number of hours today	Number of times a year	Number of hours today	Number of times a year	Number of hours today	Number of times a year	Number of hours today	Number of times a year
ATV/ORV riding	Person #1																
	Person #2																
	Person #3																
	Person #4																
	Person #5																
	Person #6																
	Person #7																
	Person #8																
	Person #9																
	Person #10																
Beach use	Person #1																
	Person #2																
	Person #3																
	Person #4																
	Person #5																
	Person #6																
	Person #7																
	Person #8																
	Person #9																
	Person #10																

11. Do you attend or participate in ATV/ORV special events at St. Joe State Park? (Check only one box.)

- I attend ATV/ORV special events I do both
 I participate in ATV/ORV special events I do neither

12. If ATV/ORV riding is one of your primary activities at St. Joe State Park...

a. which do you MOST prefer when you ride? (Check only one box.) sand flats woodland trails

b. do you ride at other ATV/ORV areas in addition to St. Joe State Park? If so, where else do you ride?
(Please indicate.) _____

13. How satisfied are you with each of the following at St. Joe State Park? (Check only one box for each feature.)

	Very Satisfied	Satisfied	Dissatisfied	Very Dissatisfied	Don't Know
a. campground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. park signs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. picnic areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. trail maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. ATV/ORV trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. equestrian trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. hiking trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. bicycling trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. How do you rate St. Joe State Park on each of the following? (Check only one box for each feature.)

	Excellent	Good	Fair	Poor
a. being free of litter and trash	<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"/>
c. upkeep of park facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. having helpful & friendly staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. access for persons with disabilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. caring for the natural resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. being safe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. If you did not rate the park as excellent on being safe, what influenced your rating? (Please specify.)

16. Which of the following would increase your feeling of being safe at St. Joe State Park? (Check all that apply.)

- | | |
|---|---|
| <input type="checkbox"/> more lighting where? _____ | <input type="checkbox"/> improved behavior of others |
| <input type="checkbox"/> less crowding | <input type="checkbox"/> increased visibility of park staff |
| <input type="checkbox"/> improved upkeep of facilities | <input type="checkbox"/> less traffic congestion |
| <input type="checkbox"/> increased law enforcement patrol | <input type="checkbox"/> nothing specific |
| <input type="checkbox"/> gated park entrance | <input type="checkbox"/> other (Please specify.) |
| <input type="checkbox"/> gated campground entrance | _____ |

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

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

18. If you felt crowded on this visit, where did you feel crowded? (Please indicate where.)

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

	Very Important	Important	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. upkeep of park facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. having helpful & friendly staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. access for persons with disabilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. caring for the natural resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. being safe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



PLEASE TURN SURVEY OVER.



20. Overall, how satisfied are you with your visit to St. Joe State Park? (Check only one box.)

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

21. Please evaluate each of the following statements. (Check only one box per item.)

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a. St. Joe State Park is the best place for what I like to do.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. No other place can compare to St. Joe State Park.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. I get more satisfaction out of visiting St. Joe State Park than any other place.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Doing what I do at St. Joe State Park is more important to me than doing it in any other place.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. I wouldn't substitute any other area for doing the types of things I do at St. Joe State Park.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. The things I do at St. Joe State Park I would enjoy doing just as much at a similar site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

22. During this visit, what is the total amount you and your group expect to spend on the following? (Enter whole dollar amounts for all that apply.)

Restaurant dining	\$ _____	Transportation costs (car rental, repairs, parking fees, etc.)	\$ _____
Camping at St. Joe	\$ _____	Souvenirs	\$ _____
Camping in a nearby campground	\$ _____	Shopping (other than groceries & souvenirs)	\$ _____
Nearby lodging	\$ _____	Riding fees	\$ _____
Groceries	\$ _____	Other recreational fees (picnic shelter fees, fishing licenses, admission fees, etc.)	\$ _____
Equipment/supplies	\$ _____	Other expenses not listed (Please specify.)	\$ _____
Gas & oil (car, ATV/ORV, etc.)	\$ _____		\$ _____

23. What is your gender? female male

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

<input type="checkbox"/> grade school	<input type="checkbox"/> vocational school	<input type="checkbox"/> graduate of four-year college
<input type="checkbox"/> high school	<input type="checkbox"/> some college	<input type="checkbox"/> advanced graduate degree

25. What is your primary occupation? (Please specify.) _____

26. What is your annual household income? (Check only one box.)

<input type="checkbox"/> less than \$20,000	<input type="checkbox"/> \$30,001-\$40,000	<input type="checkbox"/> \$50,001-\$60,000	<input type="checkbox"/> \$70,001-\$80,000	<input type="checkbox"/> \$90,001-\$100,000
<input type="checkbox"/> \$20,000-\$30,000	<input type="checkbox"/> \$40,001-\$50,000	<input type="checkbox"/> \$60,001-\$70,000	<input type="checkbox"/> \$80,001-\$90,000	<input type="checkbox"/> over \$100,000

27. What is your race? (Check only one box.)

<input type="checkbox"/> African American	<input type="checkbox"/> Asian	<input type="checkbox"/> White
<input type="checkbox"/> American Indian	<input type="checkbox"/> Hispanic	<input type="checkbox"/> Other

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

29. Please write any additional comments about your park visit or suggestions on how your experience at St. Joe State Park can be more pleasant.

Thank you for your time. You are always welcome in Missouri State Parks

APPENDIX D: CHARTS & GRAPHS

VISITATION FREQUENCY

Question #1

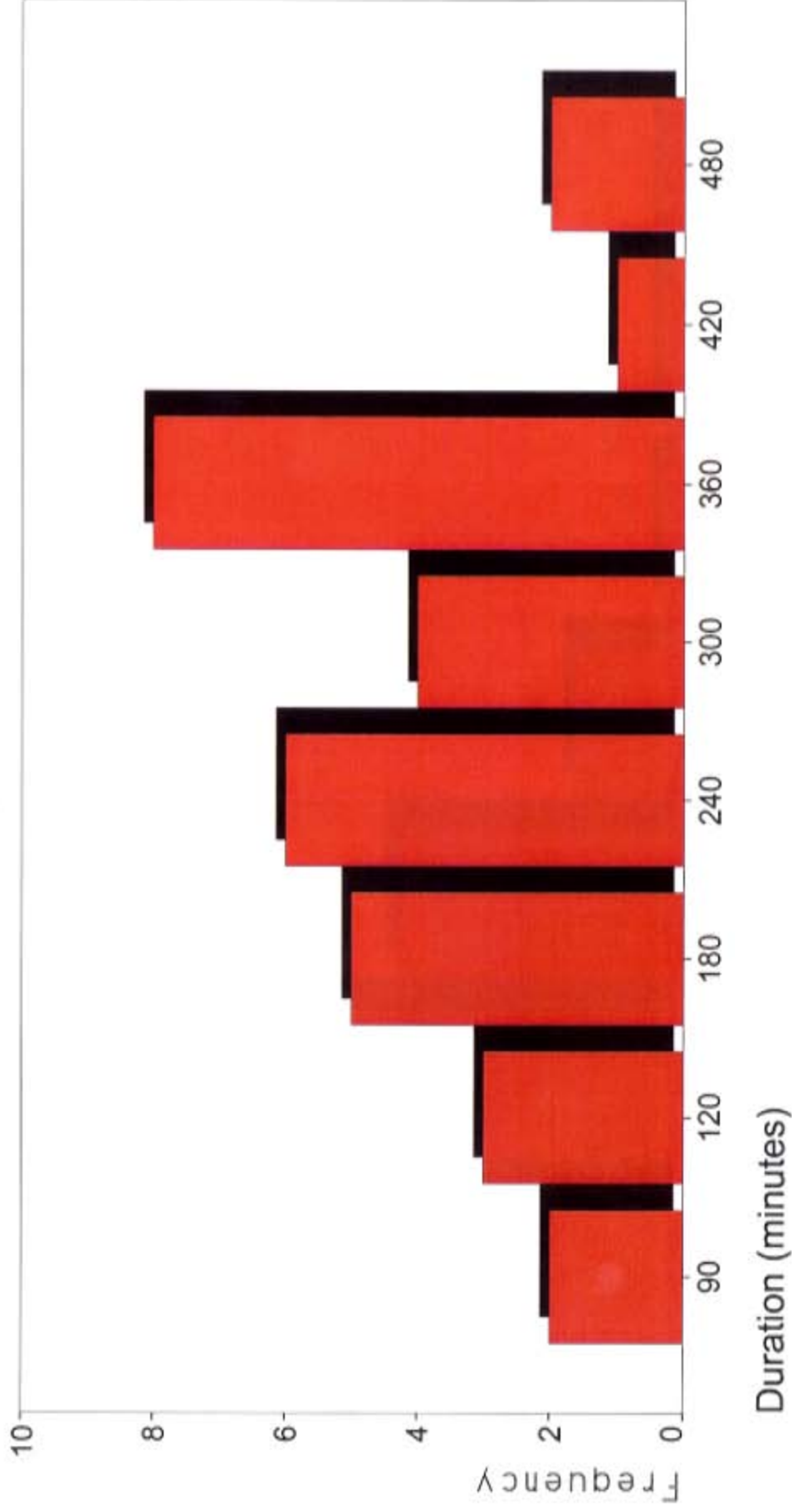
first time visitor
88.00 / 16.6%



repeat visitor
443.00 / 83.4%

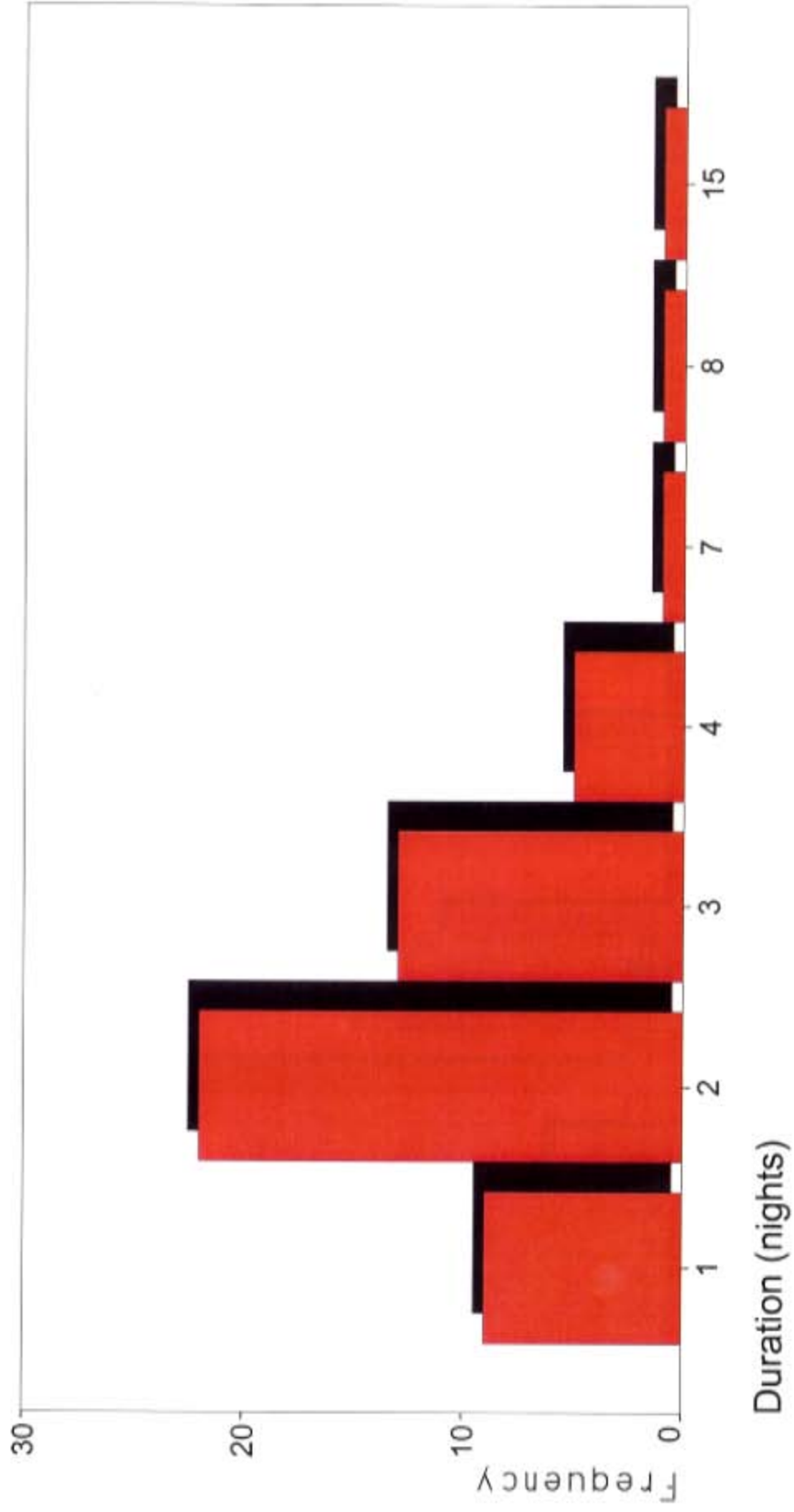
FIRST TIME VISITATION

Question #2



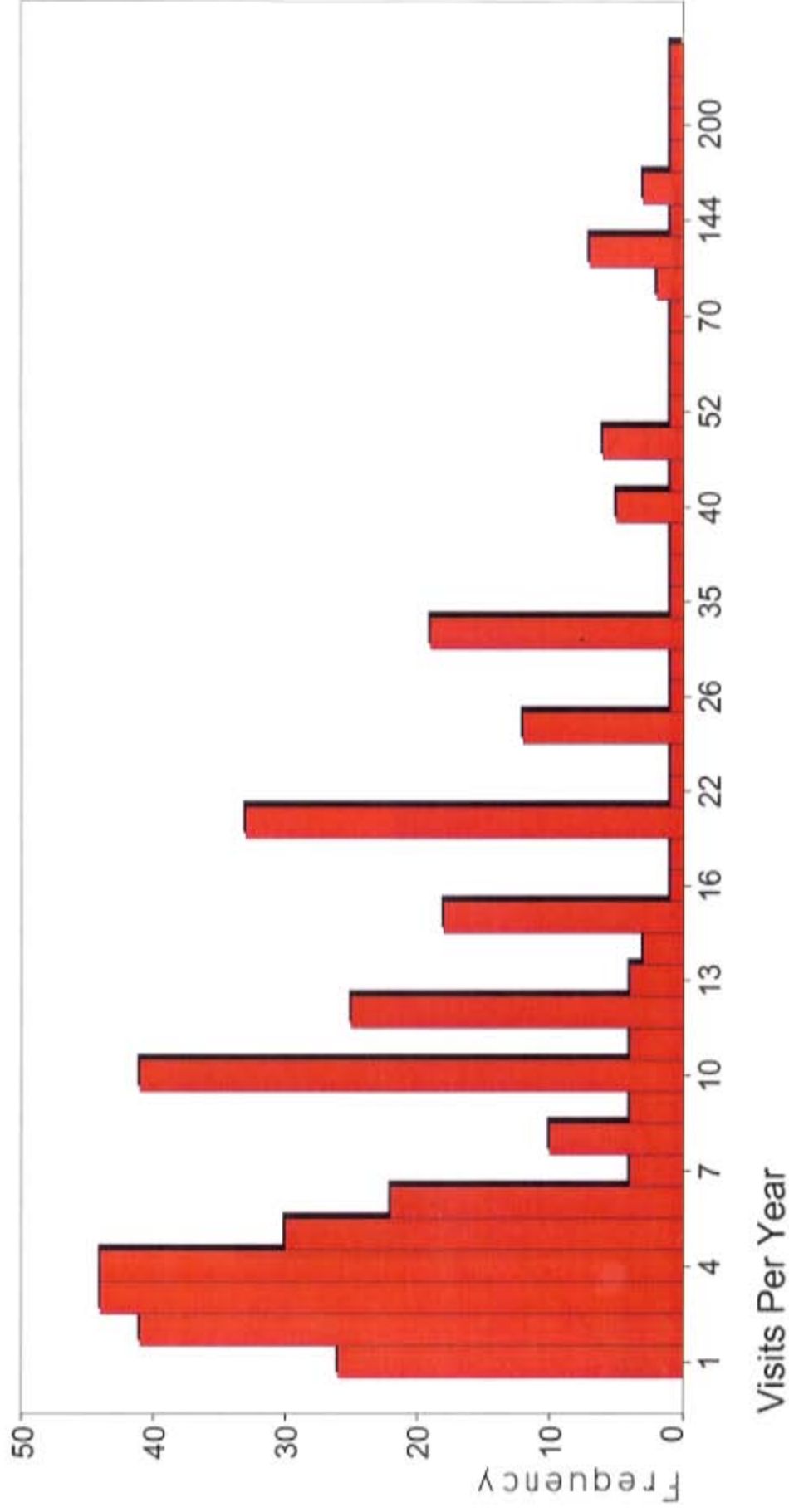
FIRST TIME VISITATION

Question #2



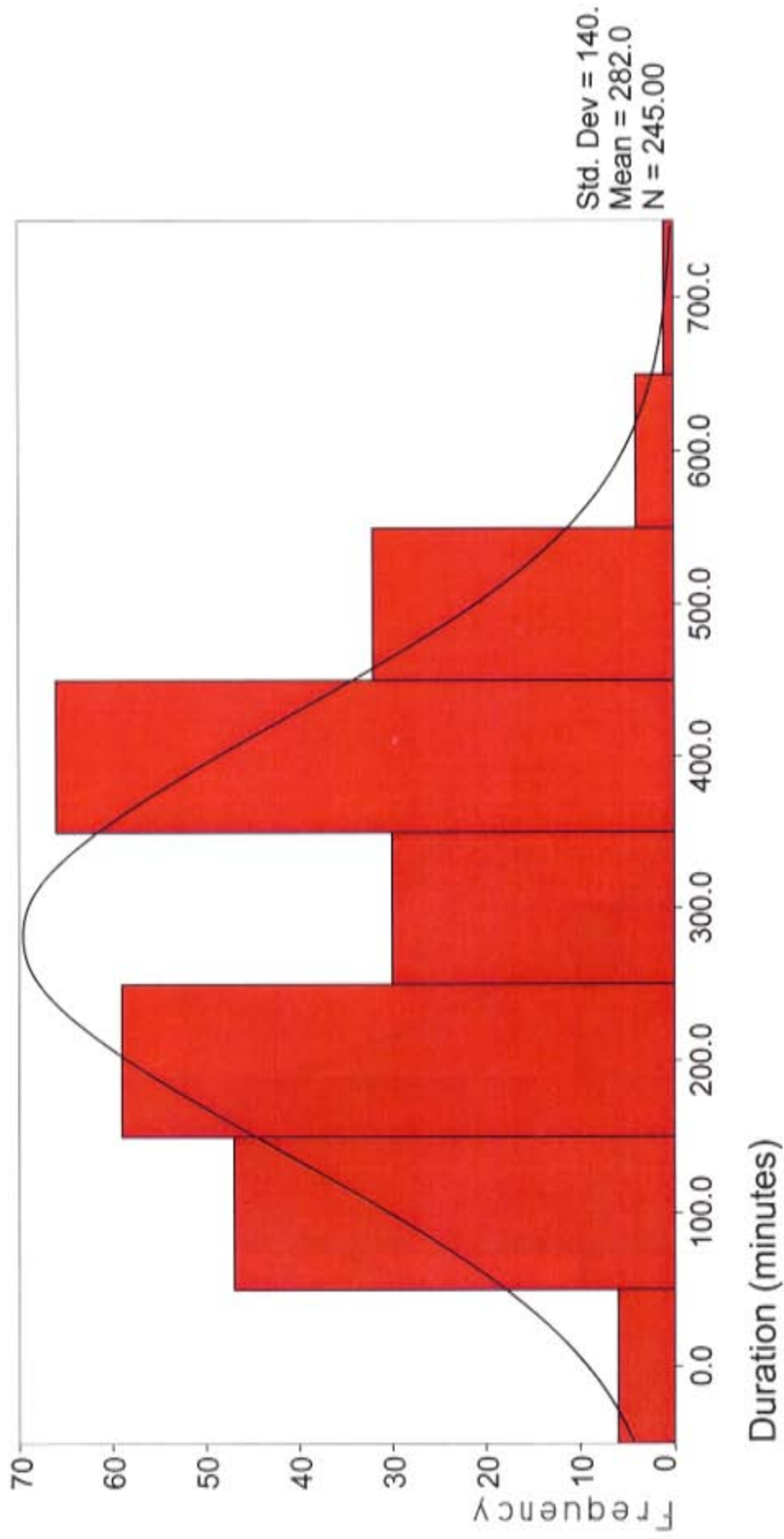
REPEAT VISITATION

Question #3



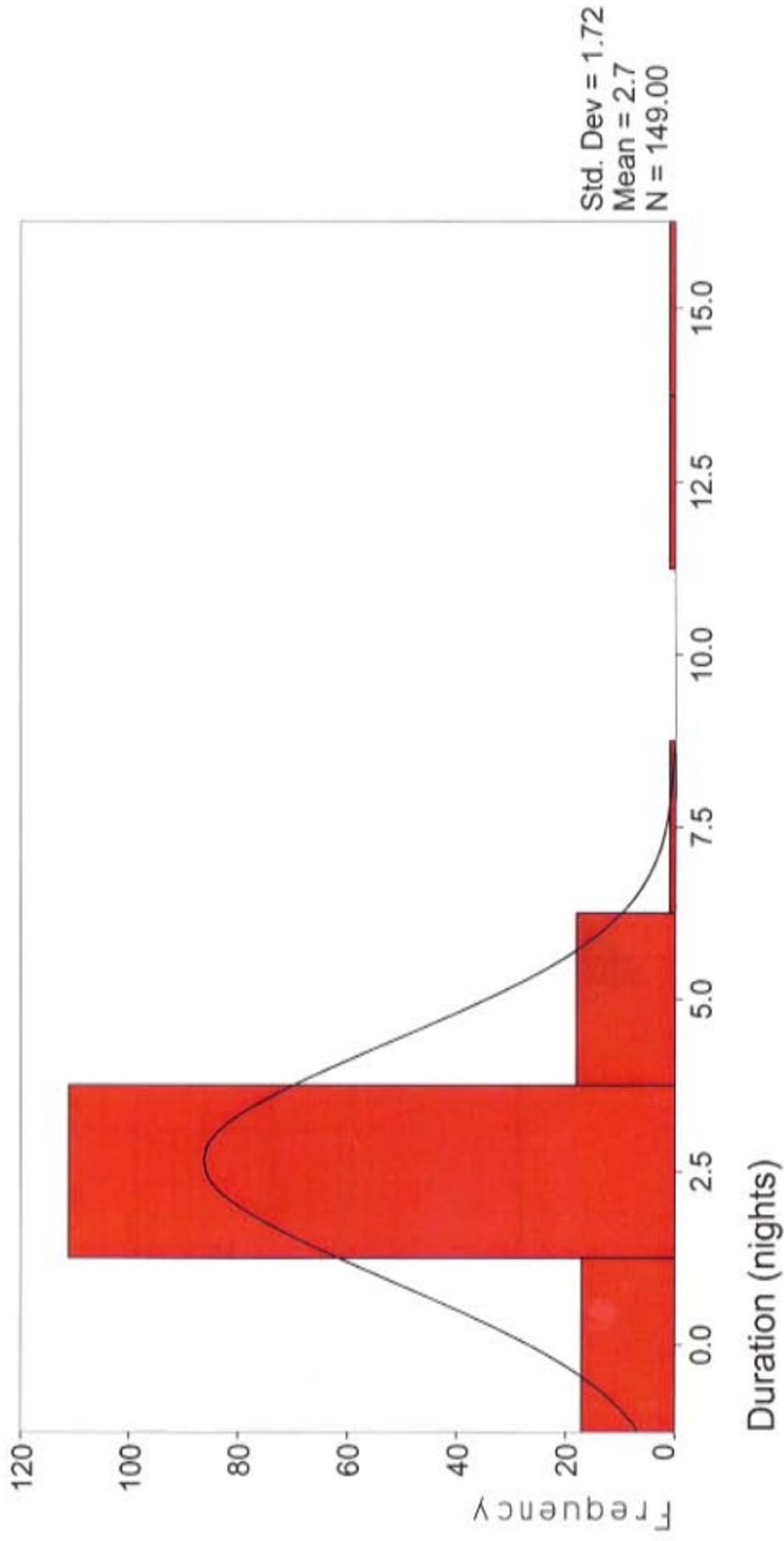
LENGTH OF STAY (REPEAT)

Question #3



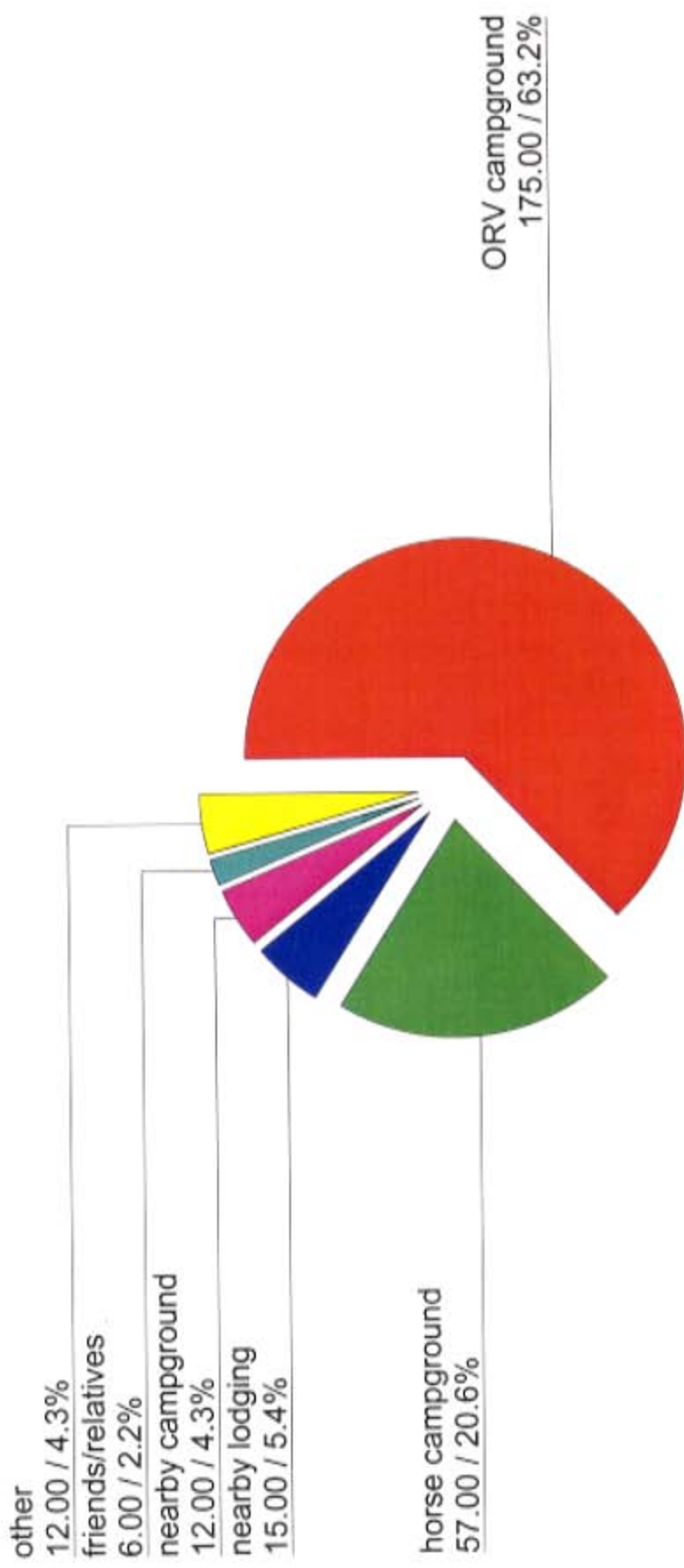
LENGTH OF STAY (REPEAT)

Question #3



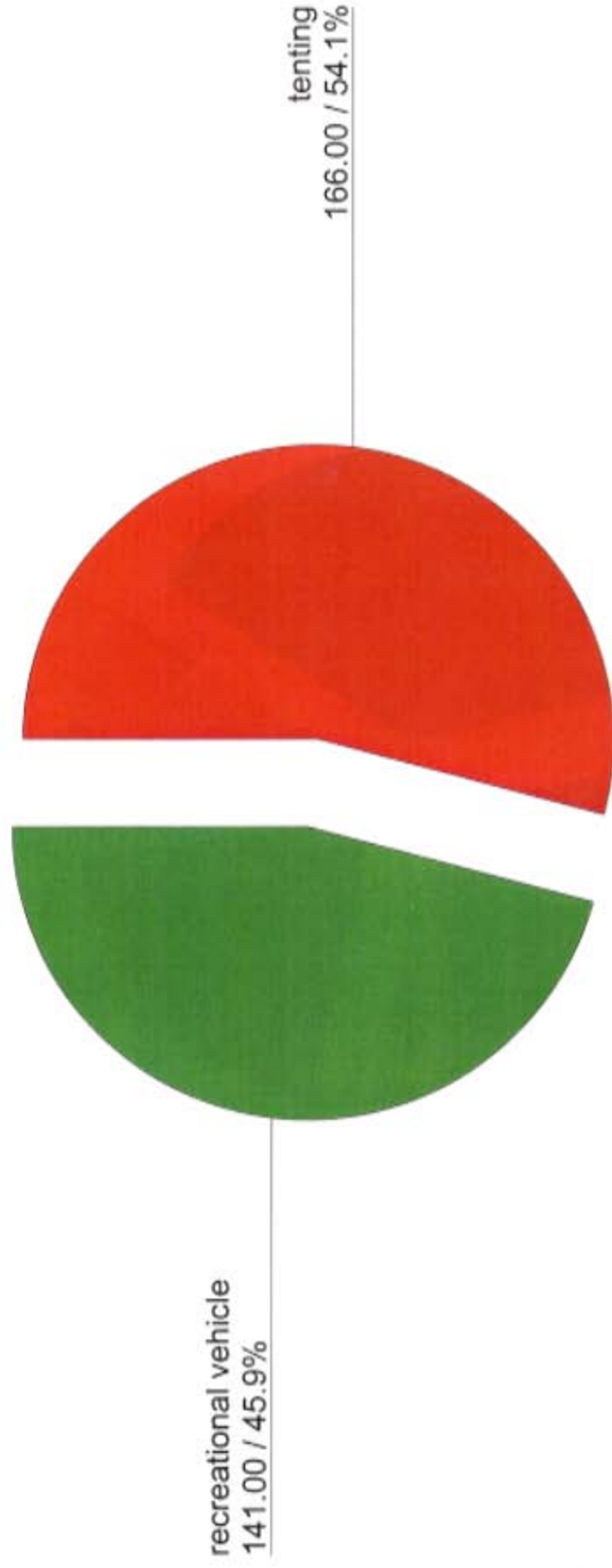
OVERNIGHT STAYS

Question #4



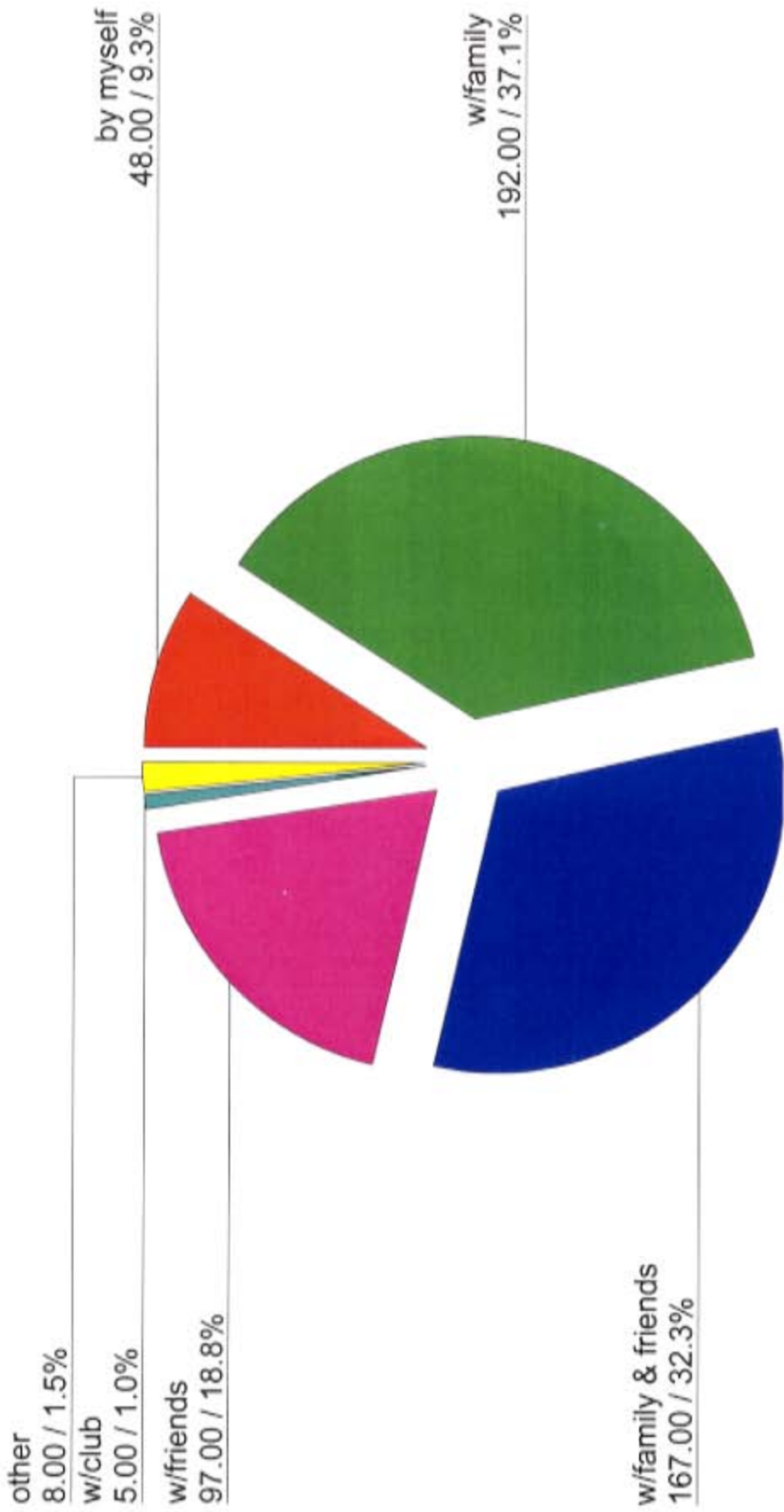
CAMPING PREFERENCE

Question #5



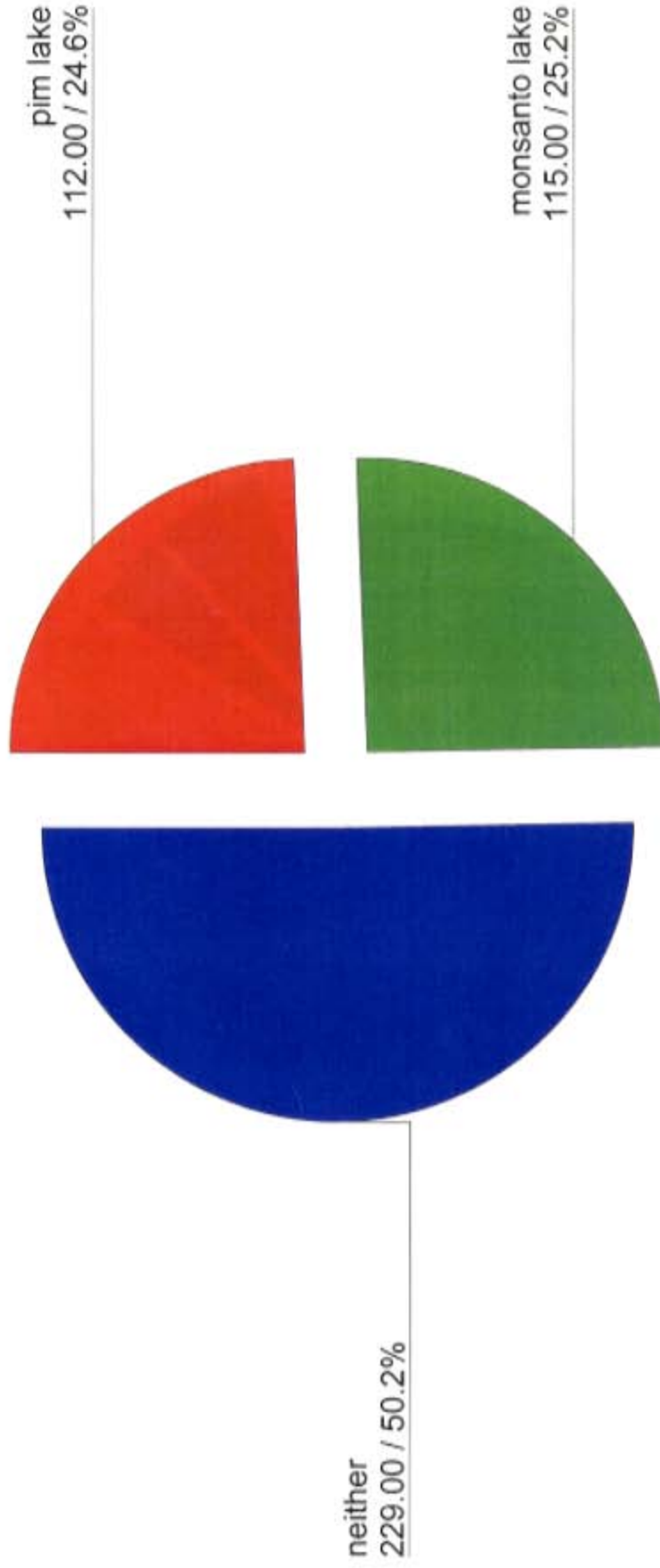
TRAVEL PARTY COMPOSITION

Question #6



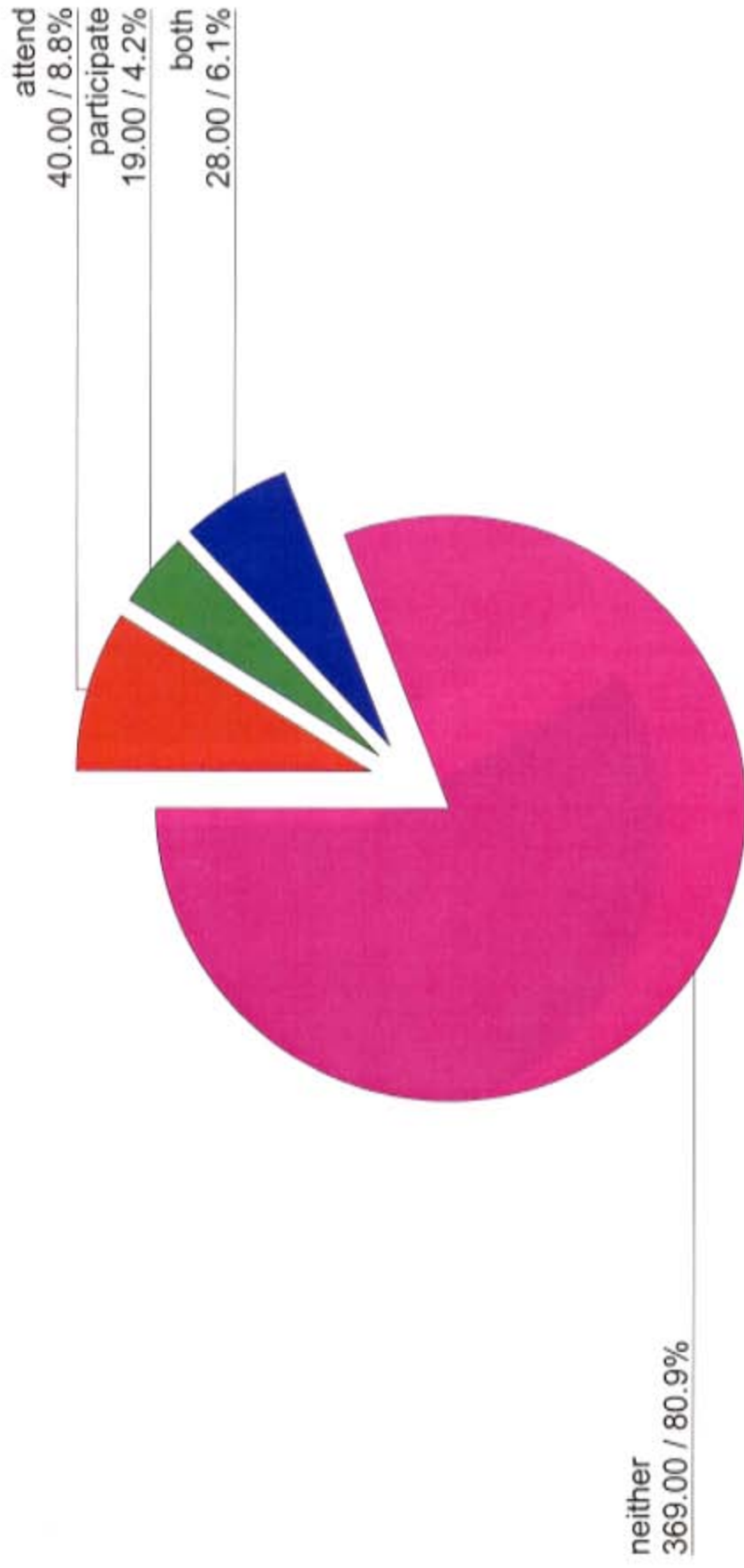
BEACH PREFERENCE

Question #9



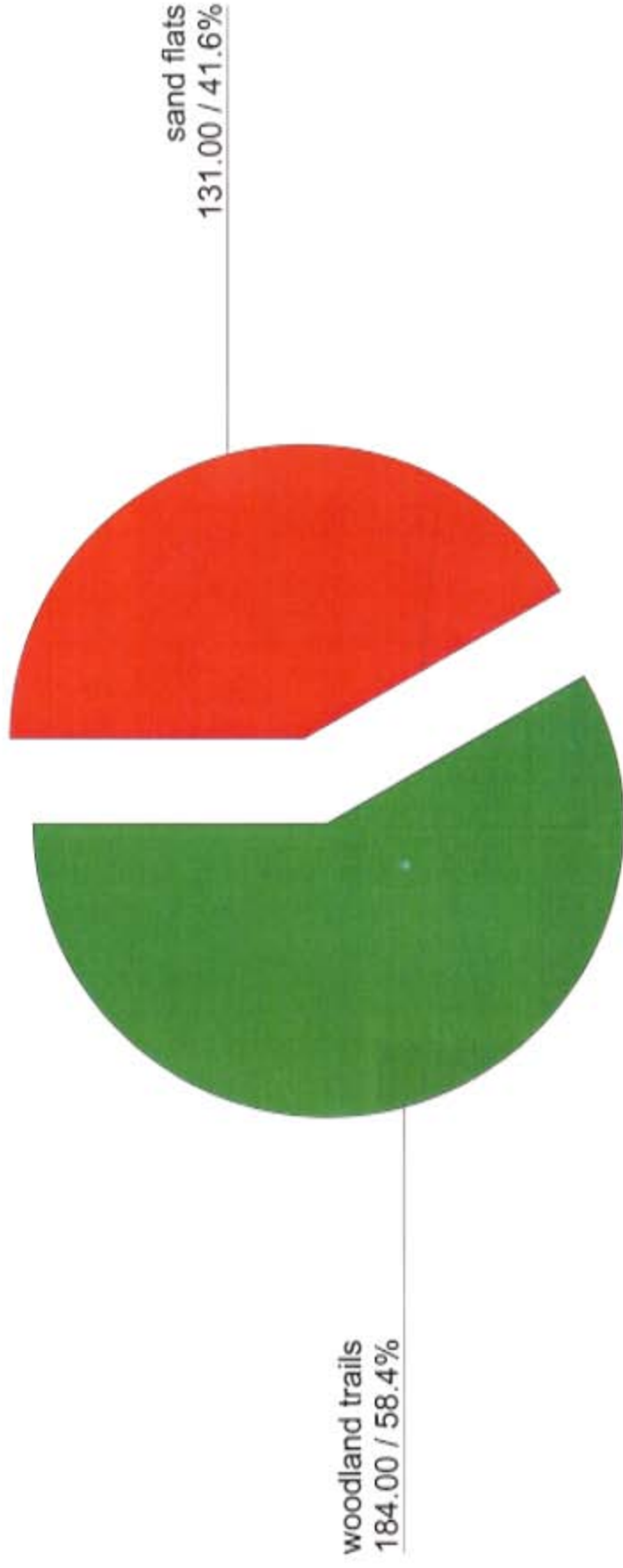
ATV/ORV EVENT PARTICIPATION

Question #11



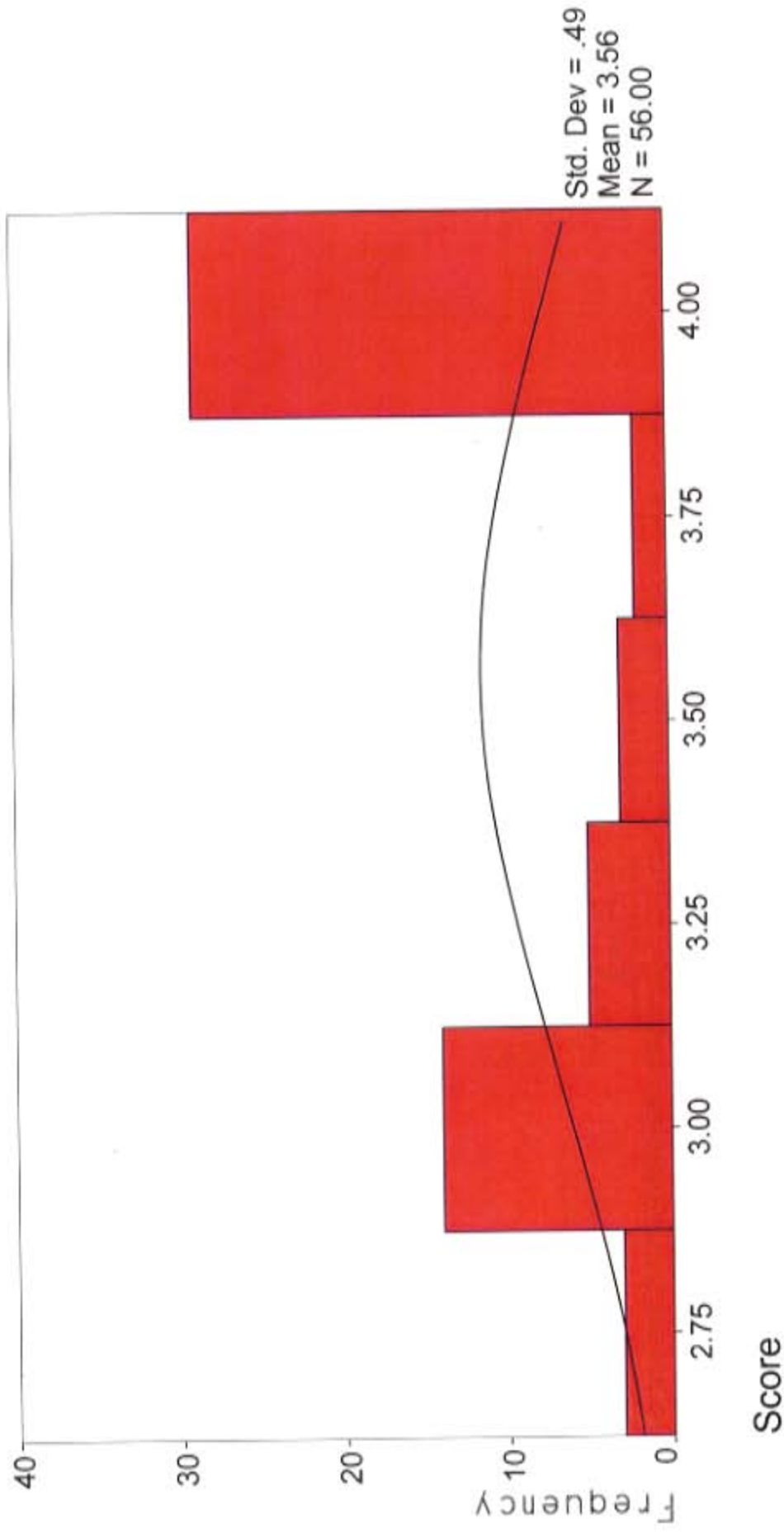
ATV / ORV RIDING LOCATION

Question #12



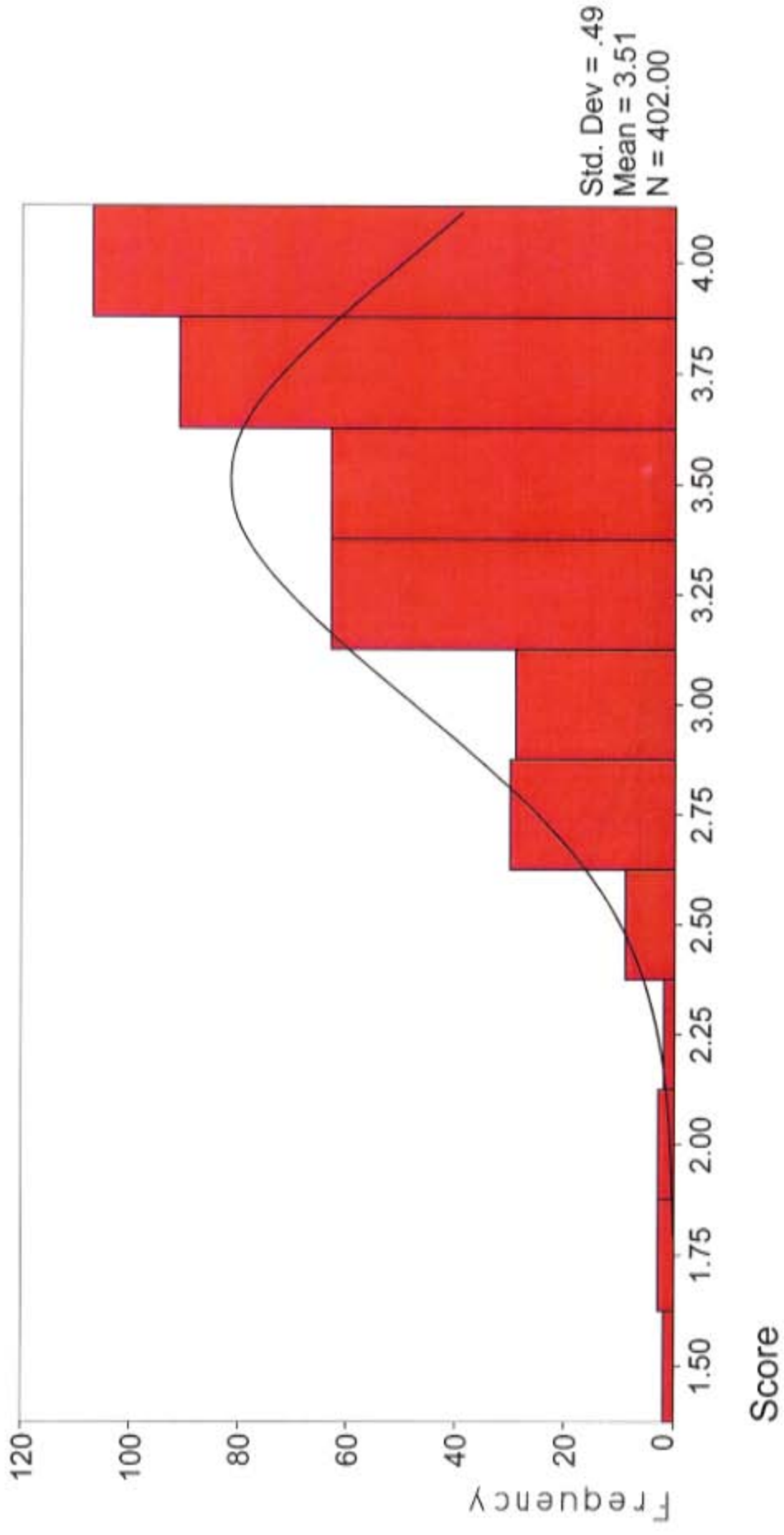
OVERALL SATISFACTION

Question #13



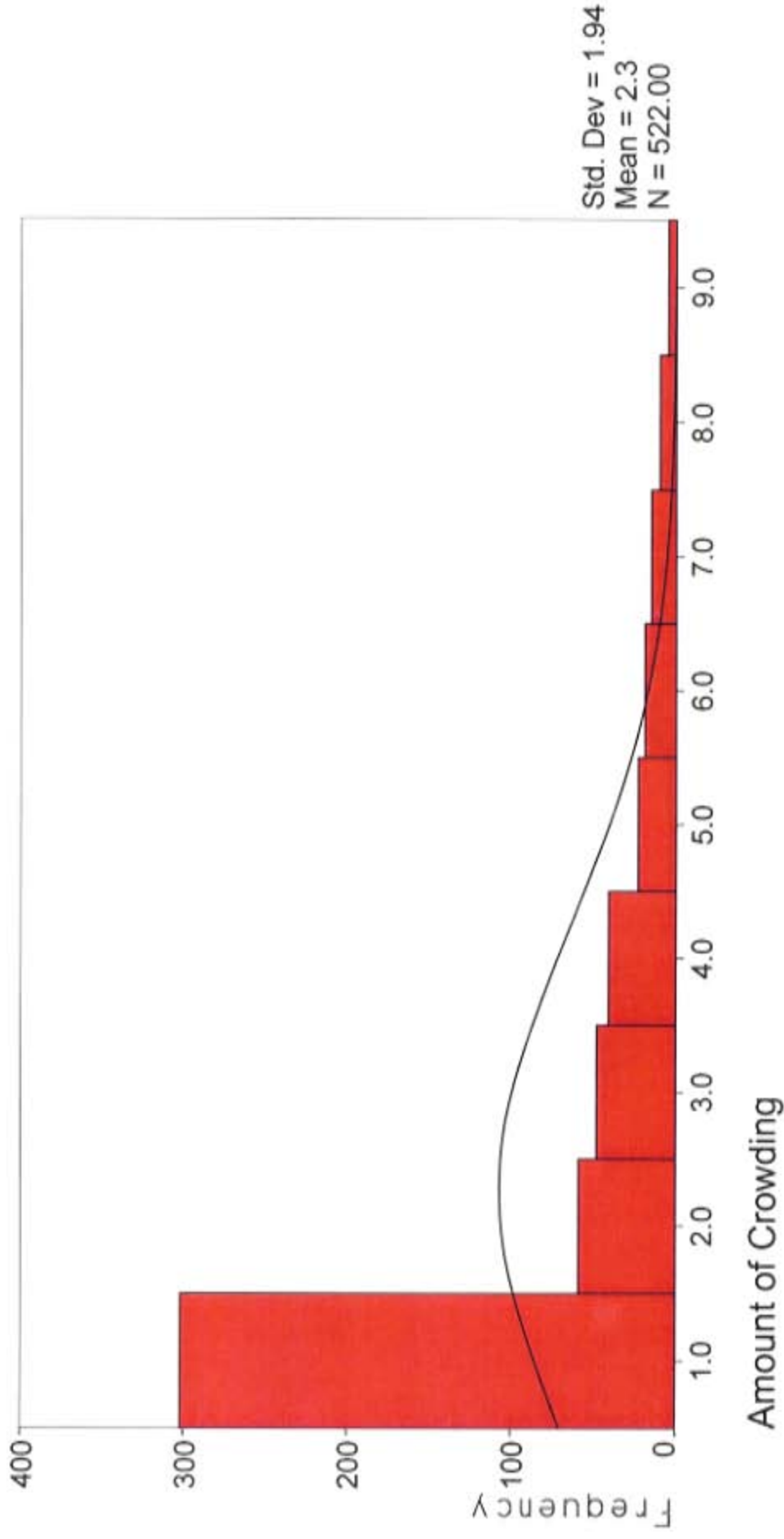
OVERALL PERFORMANCE VALUES

Question #14



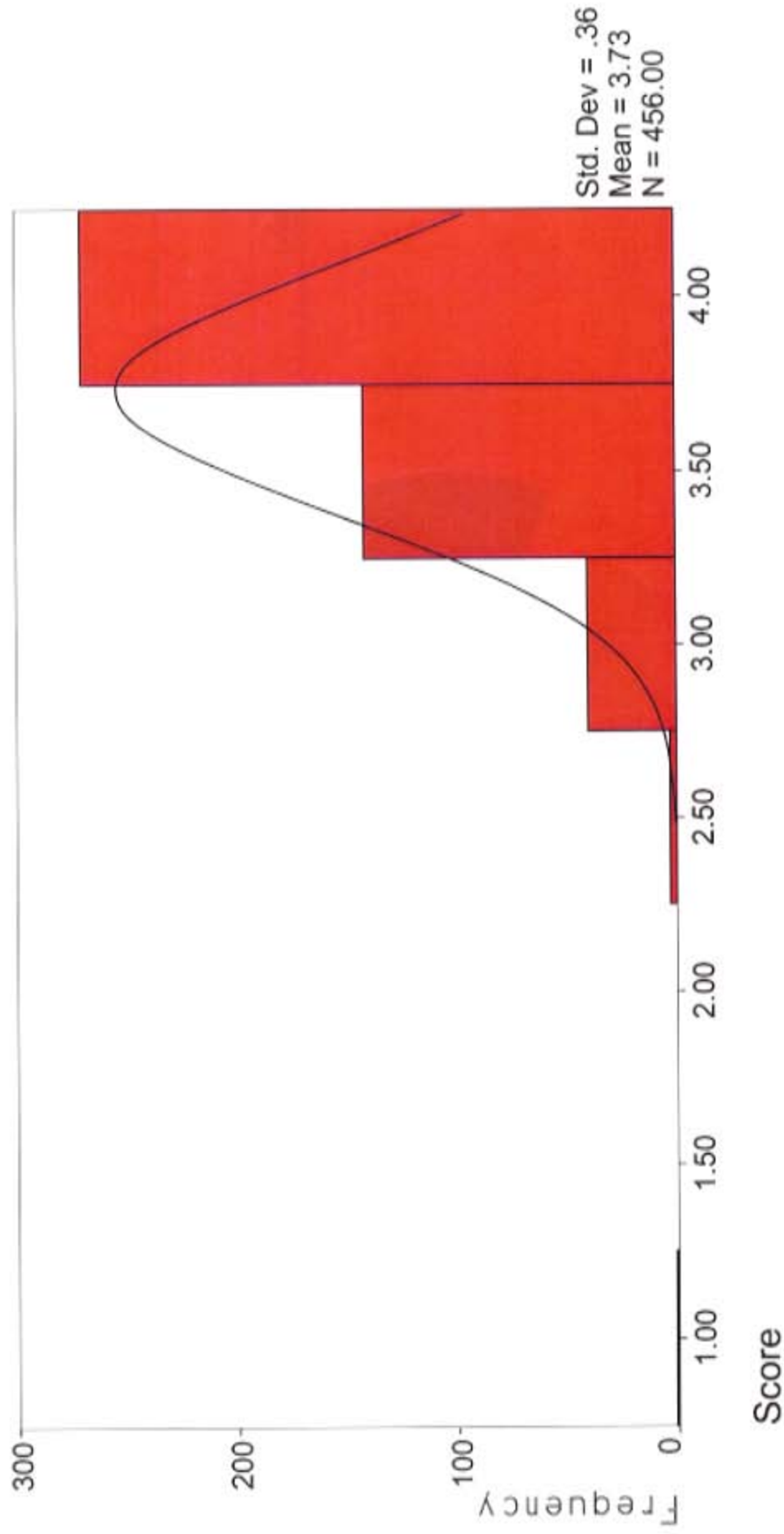
PERCEIVED CROWDING

Question #17



OVERALL IMPORTANCE VALUES

Question #19



VISITOR SATISFACTION

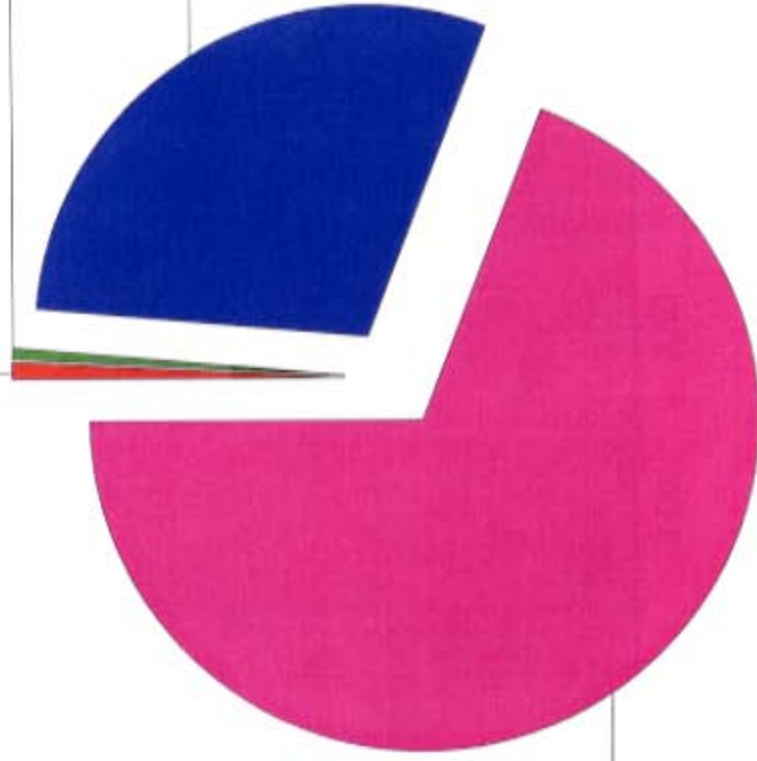
Question #20

very dissatisfied
4.00 / .8%

dissatisfied
4.00 / .8%

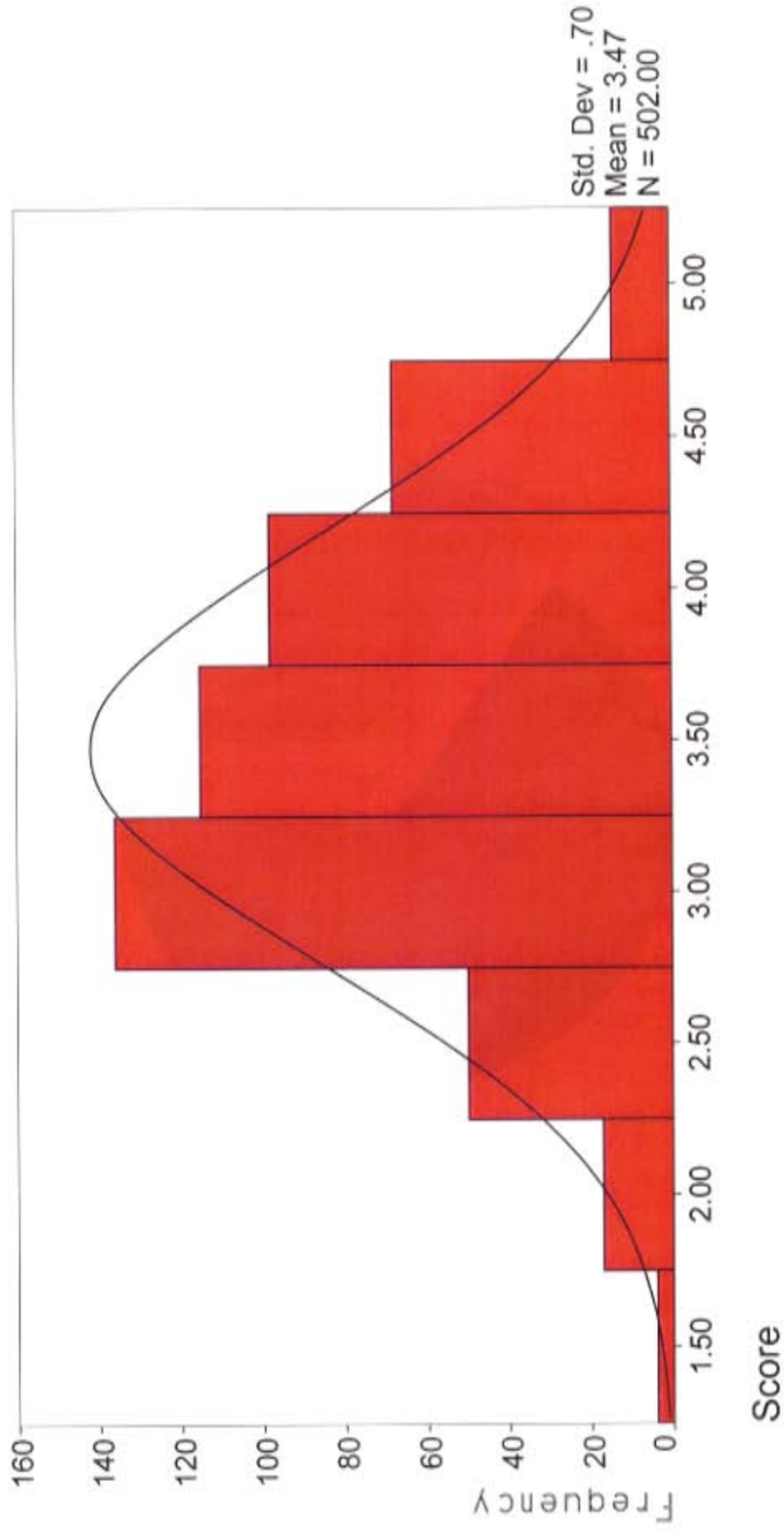
satisfied
155.00 / 29.4%

very satisfied
364.00 / 69.1%



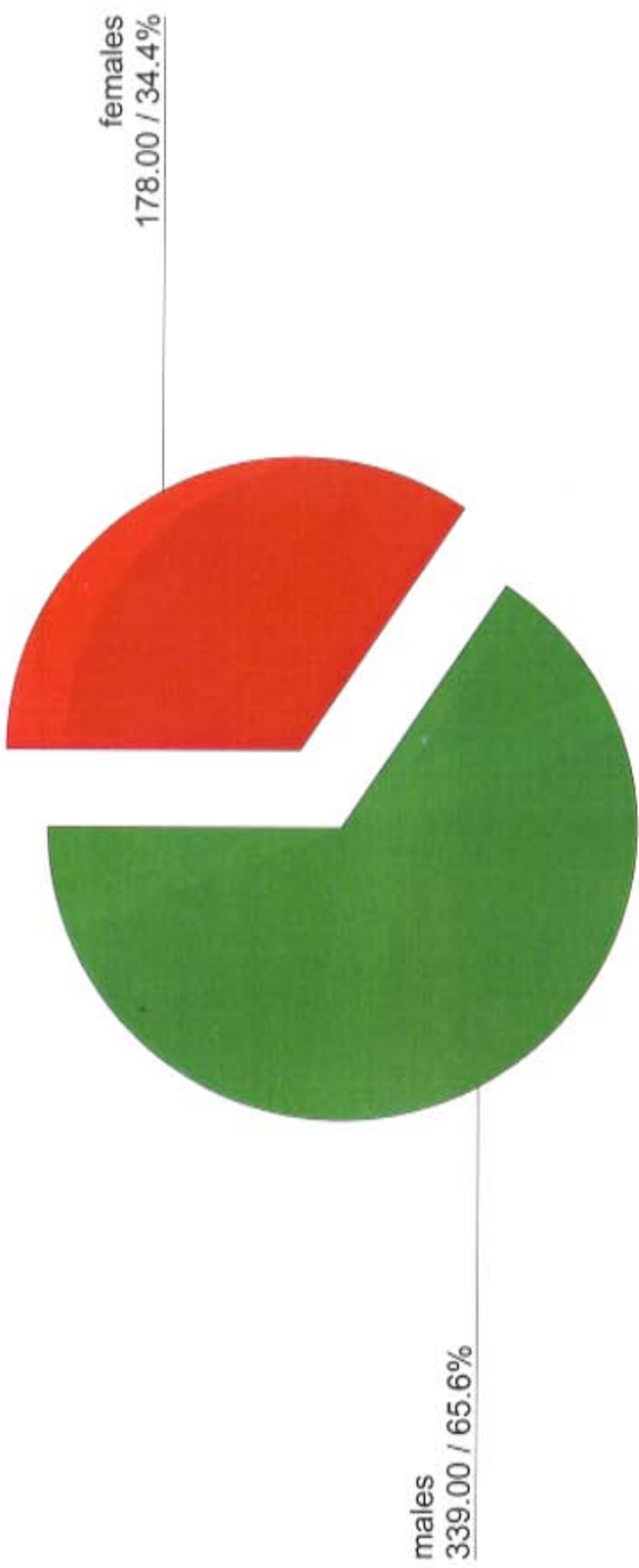
OVERALL PLACE ATTACHMENT

Question #21



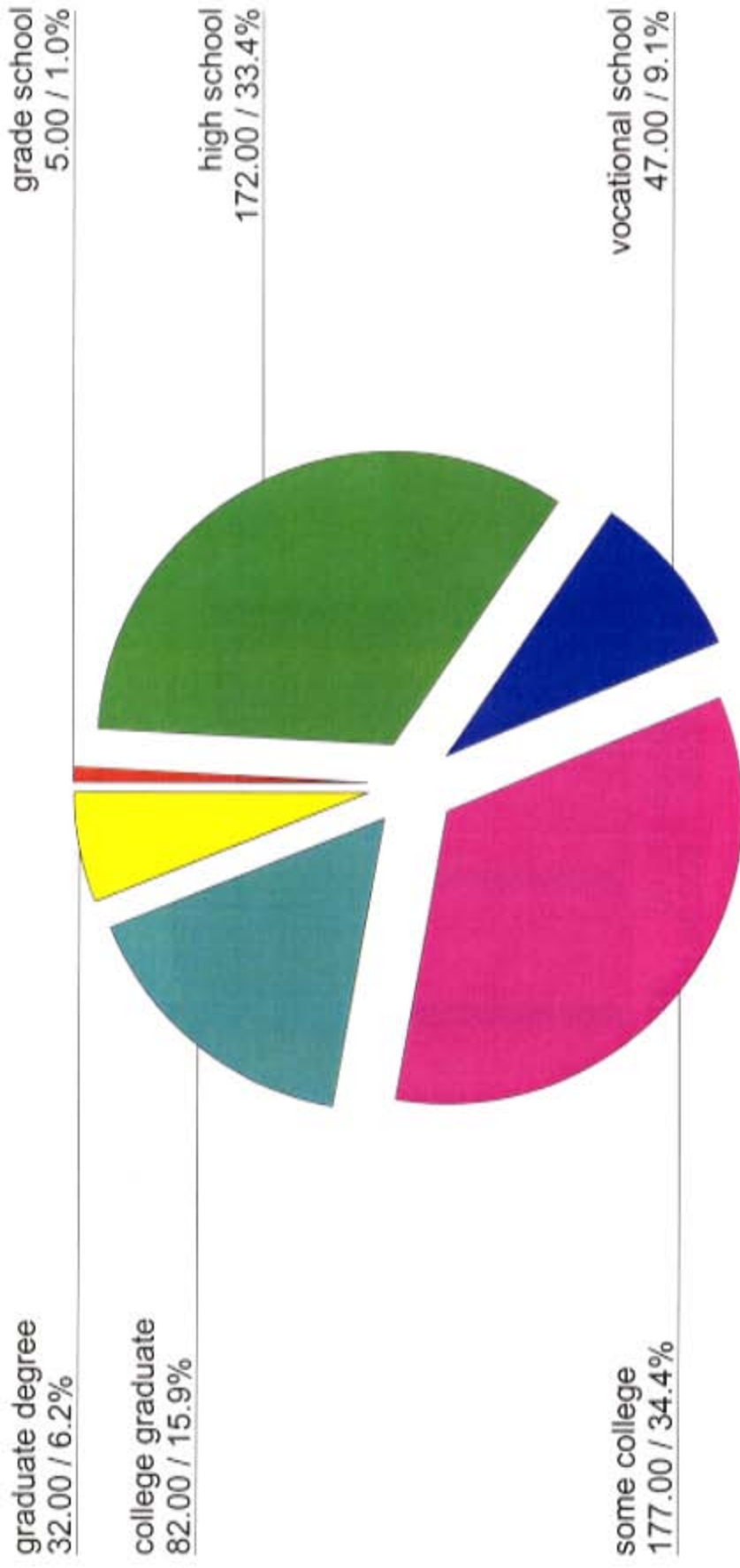
VISITATION BY GENDER

Question #23



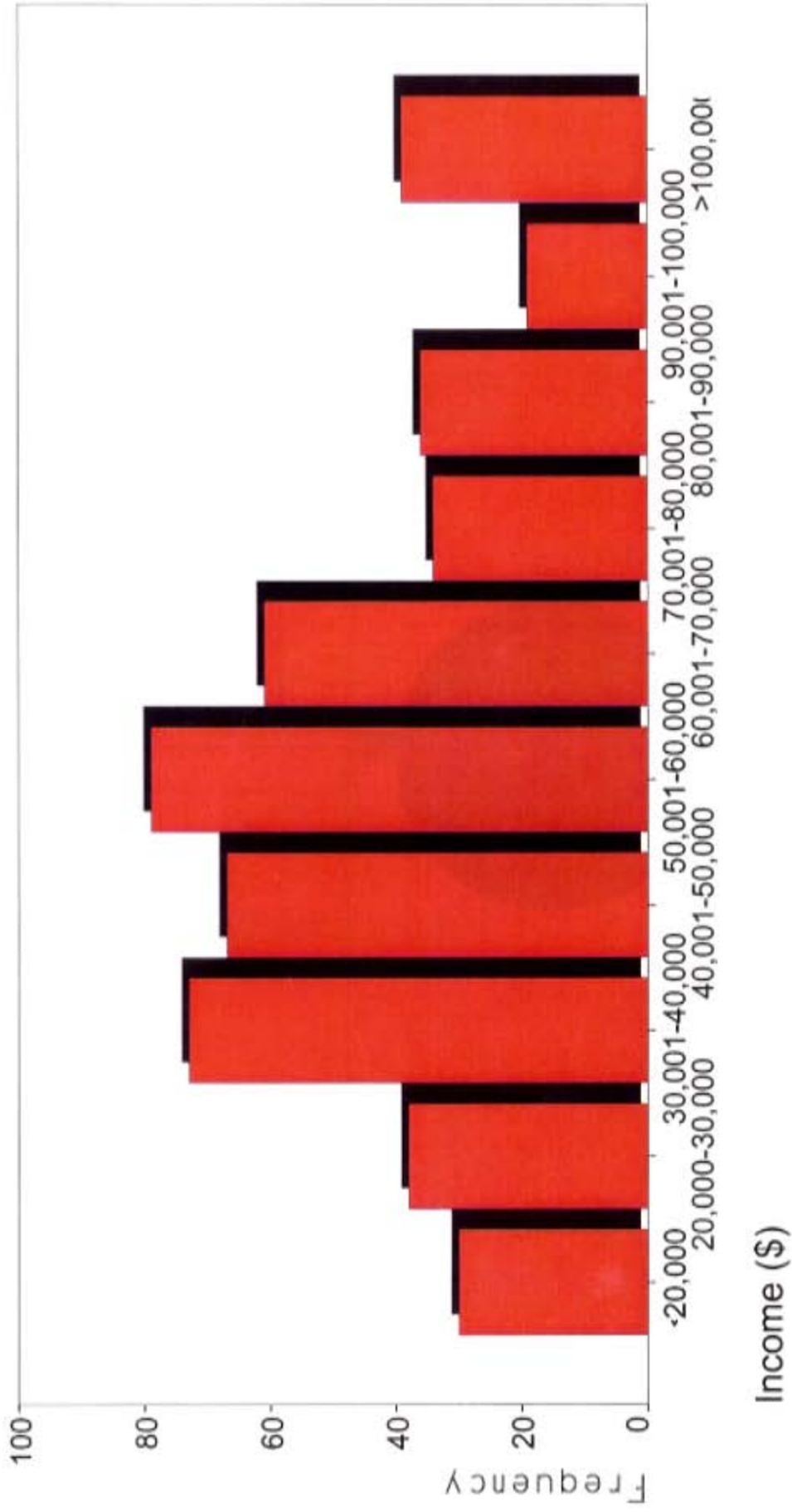
EDUCATION LEVEL

Question #24



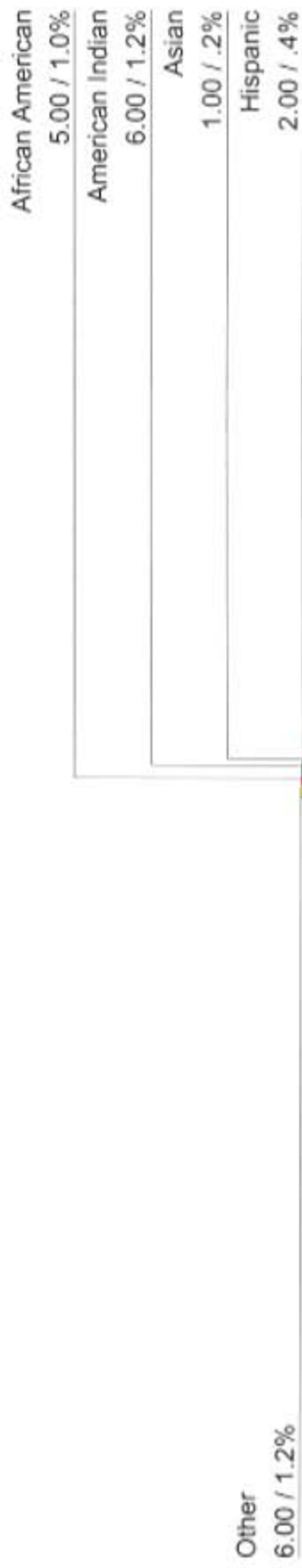
ANNUAL HOUSEHOLD INCOME

Question #26



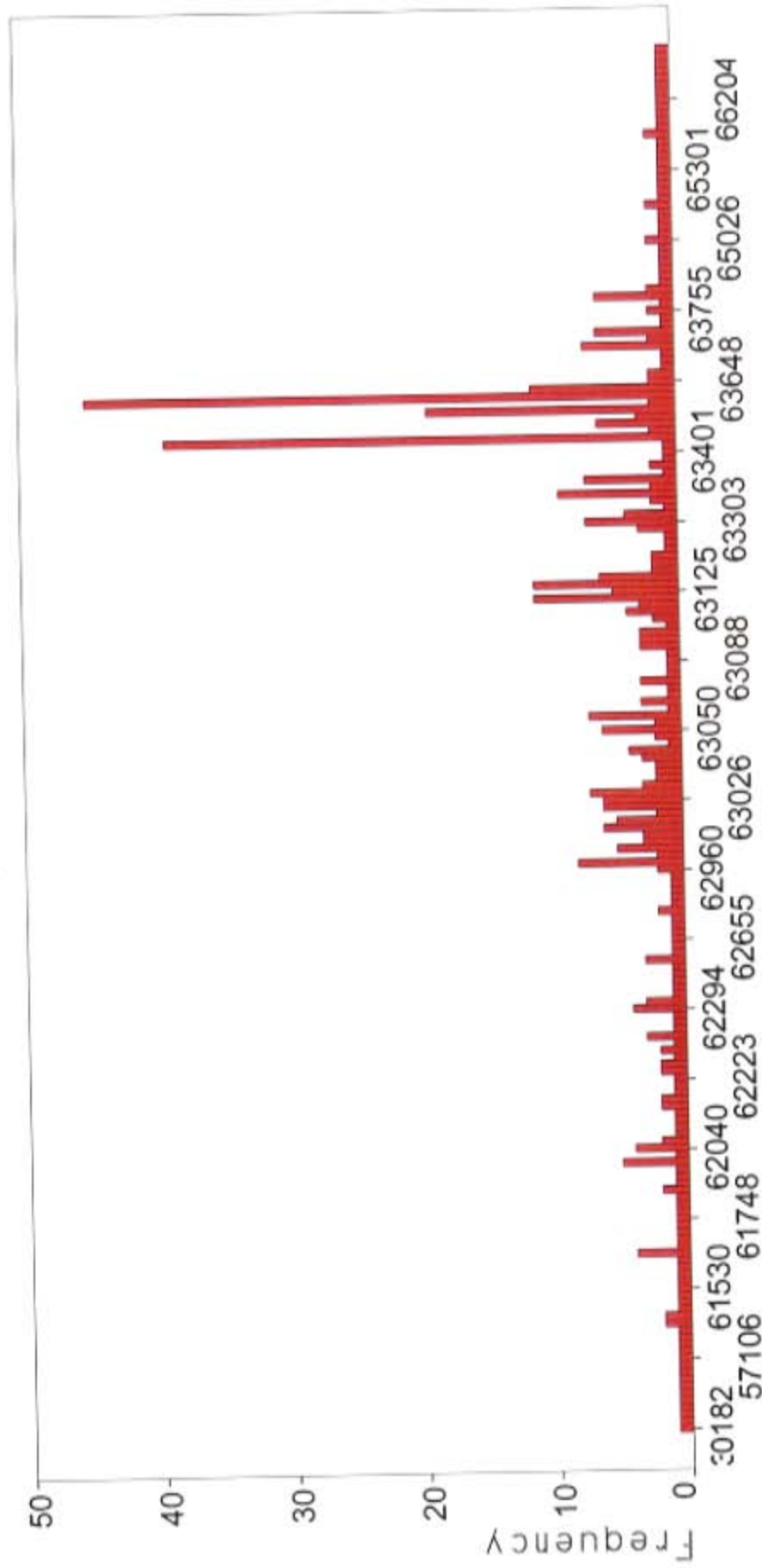
VISITATION BY RACE

Question #27



VISITATION BY ZIP CODE

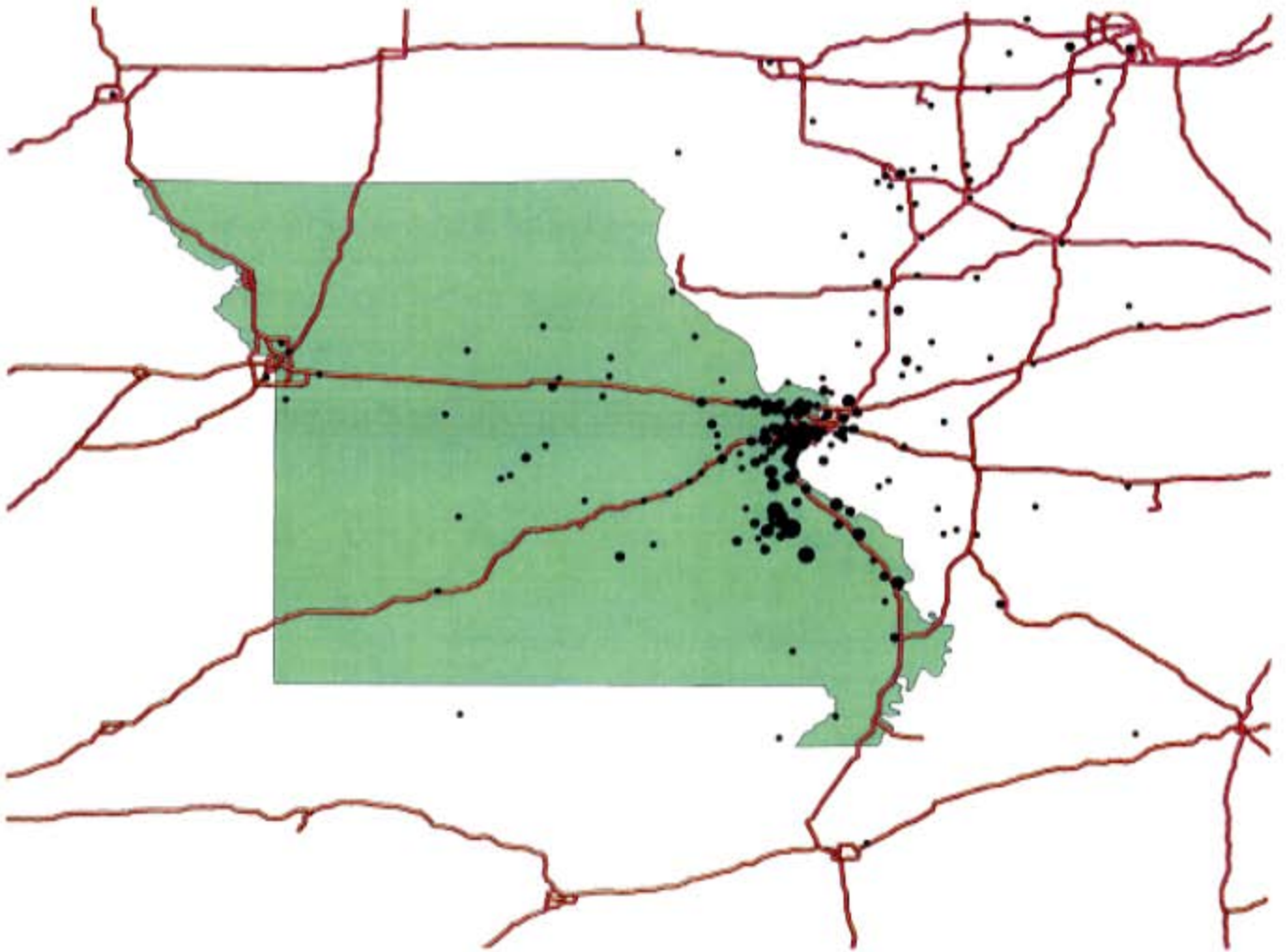
Question #28



5-digit zip codes

APPENDIX E: ZIP CODE DISTRIBUTION MAP

Zip Code Distribution



Frequencies

- 1
- 2 - 4
- 5 - 9
- 10 - 19
- 20 - 44

 Interstate Routes
 Missouri



APPENDIX F: BEACH USER PROFILE BY AGE GROUP

Beach Use (Hours X Times): Person #1

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	2.90	1.62	1	7	122.00	42
00-06T	7.05	6.62	0	25	261.00	37
07-15H	2.45	1.90	0	8	125.00	51
07-15T	5.60	5.16	1	25	241.00	43
16-25H	2.33	1.64	0	6	42.00	18
16-25T	14.53	19.19	1	70	247.00	17
26-35H	3.75	2.49	1	8	30.00	8
26-35T	6.86	4.10	2	12	48.00	7
36-45H	2.38	2.56	0	8	19.00	8
36-45T	4.33	2.89	1	6	13.00	3
46-55H	.00	.	0	0	.00	1
46-55T	4.00	.	4	4	4.00	1
56-65H	2.00	.00	2	2	4.00	2
56-65T	7.00	.	7	7	7.00	1
66-UPH	Variable is missing for every case.					
66-UPT	1.00	.	1	1	1.00	1

Beach Person #2: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	3.10	1.95	1	8	65.00	21
00-06T	6.75	5.90	1	20	108.00	16
07-15H	2.54	1.70	0	6	99.00	39
07-15T	6.80	6.54	1	25	238.00	35
16-25H	1.95	1.25	0	5	43.00	22
16-25T	12.29	12.64	1	50	258.00	21
26-35H	3.38	2.75	0	8	44.00	13
26-35T	11.00	19.85	2	70	121.00	11
36-45H	3.58	2.65	1	10	68.00	19
36-45T	6.46	7.56	1	30	84.00	13
46-55H	1.75	1.26	0	3	7.00	4
46-55T	3.60	1.52	2	6	18.00	5
56-65H	Variable is missing for every case.					
56-65T	Variable is missing for every case.					
66-UPH	Variable is missing for every case.					
66-UPT	1.00	.00	1	1	1.00	1

Beach User #3: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	2.50	.84	2	4	15.00	6
00-06T	7.00	8.83	1	20	28.00	4
07-15H	3.10	1.87	1	8	96.00	31
07-15T	7.35	6.56	1	25	191.00	26
16-25H	2.18	1.83	0	6	24.00	11
16-25T	4.83	5.47	1	20	58.00	12
26-35H	1.86	1.10	1	4	26.00	14
26-35T	5.50	5.68	2	20	55.00	10
36-45H	2.53	2.24	0	8	43.00	17
36-45T	7.71	11.81	1	50	131.00	17
46-55H	4.43	3.05	0	10	31.00	7
46-55T	4.38	1.77	2	7	35.00	8
56-65H	2.00	.	2	2	2.00	1
56-65T	Variable is missing for every case.					
66-UPH	1.00	.	1	1	1.00	1
66-UPT	Variable is missing for every case.					

Beach Person #4: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	2.67	1.15	2	4	8.00	3
00-06T	1.50	.71	1	2	3.00	2
07-15H	4.55	2.66	1	9	50.00	11
07-15T	5.17	5.23	1	15	31.00	6
16-25H	3.42	1.73	1	6	41.00	12
16-25T	2.56	1.33	1	5	23.00	9
26-35H	2.21	1.48	0	6	31.00	14
26-35T	7.33	3.98	2	15	88.00	12
36-45H	2.33	1.71	1	8	42.00	18
36-45T	12.87	12.92	1	50	193.00	15
46-55H	2.42	1.88	0	6	29.00	12
46-55T	5.30	3.97	1	15	53.00	10
56-65H	Variable is missing for every case.					
56-65T	Variable is missing for every case.					
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

Beach Use: Person #5 (Hours & Times)

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	2.67	1.15	2	4	8.00	3
00-06T	2.00	.	2	2	2.00	1
07-15H	3.67	3.20	1	9	22.00	6
07-15T	5.20	3.11	2	10	26.00	5
16-25H	4.33	1.53	3	6	13.00	3
16-25T	5.00	2.94	1	8	20.00	4
26-35H	2.82	1.78	1	7	31.00	11
26-35T	7.00	7.30	1	20	70.00	10
36-45H	3.64	2.34	1	8	40.00	11
36-45T	8.30	7.94	1	25	83.00	10
46-55H	2.33	1.51	1	5	14.00	6
46-55T	6.17	5.49	1	15	37.00	6
56-65H	Variable is missing for every case.					
56-65T	Variable is missing for every case.					
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

Beach Use: Person #6 (Hours & Times)

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	3.00	1.41	2	4	6.00	2
00-06T	Variable is missing for every case.					
07-15H	3.33	2.52	1	6	10.00	3
07-15T	4.00	1.41	3	5	8.00	2
16-25H	4.00	1.41	2	5	16.00	4
16-25T	6.50	6.45	1	15	26.00	4
26-35H	3.57	2.37	1	7	25.00	7
26-35T	4.33	3.44	1	10	26.00	6
36-45H	3.67	2.42	1	8	22.00	6
36-45T	2.40	1.34	1	4	12.00	5
46-55H	2.00	.71	1	3	10.00	5
46-55T	6.40	3.78	1	10	32.00	5
56-65H	1.00	.	1	1	1.00	1
56-65T	2.00	.	2	2	2.00	1
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

Beach Use: Person #7 (Hours & Times)

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	6.00	.	6	6	6.00	1
00-06T	Variable is missing for every case.					
07-15H	3.00	.	3	3	3.00	1
07-15T	10.00	.	10	10	10.00	1
16-25H	3.00	1.41	2	4	6.00	2
16-25T	1.50	.71	1	2	3.00	2
26-35H	3.00	1.73	2	6	15.00	5
26-35T	4.00	2.00	1	6	20.00	5
36-45H	3.56	2.30	1	8	32.00	9
36-45T	2.50	1.22	1	4	15.00	6
46-55H	1.50	.71	1	2	3.00	2
46-55T	5.50	6.36	1	10	11.00	2
56-65H	Variable is missing for every case.					
56-65T	Variable is missing for every case.					
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

Beach Use: Person #8 (Hours & Times)

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	6.00	.	6	6	6.00	1
00-06T	Variable is missing for every case.					
07-15H	3.00	.	3	3	3.00	1
07-15T	10.00	.	10	10	10.00	1
16-25H	3.00	1.41	2	4	6.00	2
16-25T	1.50	.71	1	2	3.00	2
26-35H	3.00	.	3	3	3.00	1
26-35T	5.00	.	5	5	5.00	1
36-45H	3.20	2.86	1	8	16.00	5
36-45T	2.50	2.12	1	4	5.00	2
46-55H	2.00	.	2	2	2.00	1
46-55T	3.00	.	3	3	3.00	1
56-65H	Variable is missing for every case.					
56-65T	Variable is missing for every case.					
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

Beach Use: Person #9 (Hours & Times)

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	6.00	.	6	6	6.00	1
00-06T	Variable is missing for every case.					
07-15H	Variable is missing for every case.					
07-15T	Variable is missing for every case.					
16-25H	2.00	.	2	2	2.00	1
16-25T	2.00	.	2	2	2.00	1
26-35H	4.00	.	4	4	4.00	1
26-35T	1.00	.	1	1	1.00	1
36-45H	2.00	1.41	1	3	4.00	2
36-45T	Variable is missing for every case.					
46-55H	5.50	3.54	3	8	11.00	2
46-55T	4.00	.	4	4	4.00	1
56-65H	Variable is missing for every case.					
56-65T	Variable is missing for every case.					
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

Beach Use: Person #10 (Hours & Times)

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	6.00	.	6	6	6.00	1
00-06T	Variable is missing for every case.					
07-15H	Variable is missing for every case.					
07-15T	Variable is missing for every case.					
16-25H	2.00	.	2	2	2.00	1
16-25T	2.00	.	2	2	2.00	1
26-35H	4.00	.	4	4	4.00	1
26-35T	1.00	.	1	1	1.00	1
36-45H	1.00	.	1	1	1.00	1
36-45T	Variable is missing for every case.					
46-55H	Variable is missing for every case.					
46-55T	Variable is missing for every case.					
56-65H	3.00	.	3	3	3.00	1
56-65T	4.00	.	4	4	4.00	1
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

APPENDIX G: ATV/ORV VISITOR PROFILE BY AGE GROUP

ATV/ORV Person #1: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	4.16	2.25	0	10	158.00	38
00-06T	8.10	7.33	1	35	235.00	29
07-15H	5.15	2.15	0	11	628.00	122
07-15T	8.68	8.87	1	60	825.00	95
16-25H	5.63	1.93	1	10	304.00	54
16-25T	15.86	19.87	1	100	793.00	50
26-35H	5.49	2.22	1	12	280.00	51
26-35T	9.07	10.94	1	65	399.00	44
36-45H	4.05	2.19	0	8	81.00	20
36-45T	15.43	14.39	2	60	216.00	14
46-55H	5.75	2.19	1	8	46.00	8
46-55T	7.40	3.65	3	12	37.00	5
56-65H	3.80	2.05	2	6	19.00	5
56-65T	25.25	24.54	2	52	101.00	4
66-UPH	5.00	.	5	5	5.00	1
66-UPT	5.00	.	5	5	5.00	1

ATV/ORV Person #2: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	3.33	1.80	1	6	30.00	9
00-06T	8.86	6.99	2	20	62.00	7
07-15H	4.90	2.10	0	12	421.00	86
07-15T	8.71	8.51	1	40	540.00	62
16-25H	5.39	2.04	0	10	377.00	70
16-25T	11.66	12.72	1	60	758.00	65
26-35H	5.50	1.93	0	10	198.00	36
26-35T	8.28	13.56	1	70	298.00	36
36-45H	5.44	2.15	1	11	212.00	39
36-45T	9.61	8.55	2	35	298.00	31
46-55H	5.42	1.54	3	8	103.00	19
46-55T	10.00	8.71	3	25	110.00	11
56-65H	5.00	.	5	5	5.00	1
56-65T	5.00	.	5	5	5.00	1
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

ATV/ORV Person #3: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	5.00	1.41	4	6	10.00	2
00-06T	10.00	.00	10	10	20.00	2
07-15H	5.14	2.14	1	10	185.00	36
07-15T	8.88	10.15	1	40	213.00	24
16-25H	5.61	2.19	1	10	314.00	56
16-25T	7.70	6.80	1	30	354.00	46
26-35H	5.33	2.22	1	12	245.00	46
26-35T	6.46	6.69	1	30	252.00	39
36-45H	5.38	2.06	0	10	183.00	34
36-45T	12.93	14.12	1	50	349.00	27
46-55H	4.00	2.04	1	7	48.00	12
46-55T	9.00	9.58	1	30	99.00	11
56-65H	3.67	2.31	1	5	11.00	3
56-65T	11.50	12.02	3	20	23.00	2
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

ATV/ORV Person #4: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	4.00	.	4	4	4.00	1
00-06T	Variable is missing for every case.					
07-15H	5.00	1.52	2	8	70.00	14
07-15T	10.23	12.71	1	40	133.00	13
16-25H	5.08	2.25	1	10	193.00	38
16-25T	7.30	6.55	1	25	219.00	30
26-35H	5.73	2.08	2	10	172.00	30
26-35T	7.38	6.23	1	20	177.00	24
36-45H	5.16	1.59	2	8	191.00	37
36-45T	8.90	11.59	1	60	267.00	30
46-55H	6.00	1.34	3	8	66.00	11
46-55T	5.89	4.04	1	15	53.00	9
56-65H	3.50	2.38	0	5	14.00	4
56-65T	14.50	23.70	1	50	58.00	4
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

ATV/ORV Person #5: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	4.00	.	4	4	4.00	1
00-06T	Variable is missing for every case.					
07-15H	6.14	1.57	4	9	43.00	7
07-15T	2.67	1.63	1	5	16.00	6
16-25H	5.77	2.62	1	10	75.00	13
16-25T	15.11	17.70	2	50	136.00	9
26-35H	5.10	2.05	0	10	102.00	20
26-35T	7.47	7.31	2	30	127.00	17
36-45H	5.20	1.86	1	10	156.00	30
36-45T	5.13	4.44	1	20	118.00	23
46-55H	5.45	1.69	2	8	60.00	11
46-55T	5.00	4.86	1	15	35.00	7
56-65H	5.00	.	5	5	5.00	1
56-65T	4.00	.	4	4	4.00	1
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

ATV/ORV Person #6: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	2.50	2.12	1	4	5.00	2
00-06T	Variable is missing for every case.					
07-15H	4.67	2.31	2	6	14.00	3
07-15T	4.50	2.12	3	6	9.00	2
16-25H	5.71	3.15	0	10	40.00	7
16-25T	18.00	19.29	4	40	54.00	3
26-35H	4.80	2.14	1	10	72.00	15
26-35T	5.69	5.09	1	20	74.00	13
36-45H	5.25	1.81	1	8	84.00	16
36-45T	7.15	8.47	1	30	93.00	13
46-55H	5.00	1.12	3	6	45.00	9
46-55T	8.88	8.89	2	25	71.00	8
56-65H	5.00	.	5	5	5.00	1
56-65T	Variable is missing for every case.					
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

ATV/ORV Person #7: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	4.00	.	4	4	4.00	1
00-06T	Variable is missing for every case.					
07-15H	2.00	.	2	2	2.00	1
07-15T	3.00	.	3	3	3.00	1
16-25H	5.00	1.41	4	6	10.00	2
16-25T	4.00	.	4	4	4.00	1
26-35H	4.11	1.69	1	6	37.00	9
26-35T	7.57	7.02	2	20	53.00	7
36-45H	4.85	2.54	1	10	63.00	13
36-45T	5.10	5.80	1	20	51.00	10
46-55H	6.00	.00	6	6	18.00	3
46-55T	3.50	1.29	2	5	14.00	4
56-65H	3.00	2.83	1	5	6.00	2
56-65T	Variable is missing for every case.					
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

ATV/ORV Person #8: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	4.00	.	4	4	4.00	1
00-06T	Variable is missing for every case.					
07-15H	Variable is missing for every case.					
07-15T	Variable is missing for every case.					
16-25H	6.00	.	6	6	6.00	1
16-25T	4.00	.	4	4	4.00	1
26-35H	4.25	2.50	1	7	17.00	4
26-35T	9.00	8.08	2	20	36.00	4
36-45H	4.43	.98	3	6	31.00	7
36-45T	2.75	.96	2	4	11.00	4
46-55H	4.50	3.00	2	8	18.00	4
46-55T	3.00	1.41	1	4	12.00	4
56-65H	3.50	2.12	2	5	7.00	2
56-65T	3.00	.	3	3	3.00	1
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

ATV/ORV Person #9: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	4.00	.	4	4	4.00	1
00-06T	Variable is missing for every case.					
07-15H	Variable is missing for every case.					
07-15T	Variable is missing for every case.					
16-25H	6.00	.	6	6	6.00	1
16-25T	4.00	.	4	4	4.00	1
26-35H	4.00	.	4	4	4.00	1
26-35T	12.00	11.31	4	20	24.00	2
36-45H	4.75	2.87	1	8	19.00	4
36-45T	2.00	.00	2	2	4.00	2
46-55H	4.75	2.75	2	8	19.00	4
46-55T	3.00	1.73	1	4	9.00	3
56-65H	1.00	.	1	1	1.00	1
56-65T	2.00	.	2	2	2.00	1
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

ATV/ORV Person #10: Hours & Times

Variable	Mean	Std Dev	Minimum	Maximum	Sum	N
00-06H	Variable is missing for every case.					
00-06T	Variable is missing for every case.					
07-15H	2.00	.	2	2	2.00	1
07-15T	3.00	.	3	3	3.00	1
16-25H	Variable is missing for every case.					
16-25T	Variable is missing for every case.					
26-35H	4.00	.82	3	5	16.00	4
26-35T	7.50	8.39	2	20	30.00	4
36-45H	8.00	.	8	8	8.00	1
36-45T	4.00	.	4	4	4.00	1
46-55H	3.00	2.65	1	6	9.00	3
46-55T	1.00	.	1	1	1.00	1
56-65H	3.00	.	3	3	3.00	1
56-65T	4.00	.	4	4	4.00	1
66-UPH	Variable is missing for every case.					
66-UPT	Variable is missing for every case.					

APPENDIX H: SATISFACTION SCORES

Satisfaction Scores: Item by Item Analysis

Biking Trails

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	1	.2	.5	.5
dissatisfied	2	2	.4	1.1	1.6
satisfied	3	65	12.2	34.2	35.8
very satisfied	4	122	23.0	64.2	100.0
.	.	341	64.2	Missing	
Total		531	100.0	100.0	

Hiking Trails

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	2	.4	1.2	1.2
dissatisfied	2	2	.4	1.2	2.4
satisfied	3	66	12.4	39.1	41.4
very satisfied	4	99	18.6	58.6	100.0
.	.	362	68.2	Missing	
Total		531	100.0	100.0	

Campground

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	2	.4	.6	.6
dissatisfied	2	12	2.3	3.5	4.1
satisfied	3	125	23.5	36.3	40.4
very satisfied	4	205	38.6	59.6	100.0
.	.	187	35.2	Missing	
Total		531	100.0	100.0	

Picnic Areas

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	4	.8	1.0	1.0
dissatisfied	2	4	.8	1.0	2.0
satisfied	3	167	31.5	42.3	44.3
very satisfied	4	220	41.4	55.7	100.0
	.	136	25.6	Missing	
Total		531	100.0	100.0	

Signs

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	7	1.3	1.5	1.5
dissatisfied	2	8	1.5	1.8	3.3
satisfied	3	189	35.6	41.4	44.6
very satisfied	4	253	47.6	55.4	100.0
	.	74	13.9	Missing	
Total		531	100.0	100.0	

ATV / ORV Trails

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	5	.9	1.4	1.4
dissatisfied	2	18	3.4	5.1	6.5
satisfied	3	153	28.8	43.5	50.0
very satisfied	4	176	33.1	50.0	100.0
	.	179	33.7	Missing	
Total		531	100.0	100.0	

Trail Maintenance

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	8	1.5	2.0	2.0
dissatisfied	2	23	4.3	5.6	7.6
satisfied	3	186	35.0	45.4	52.9
very satisfied	4	193	36.3	47.1	100.0
	.	121	22.8	Missing	
Total		531	100.0	100.0	

Horse Trails

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
very dissatisfied	1	1	.2	.8	.8
dissatisfied	2	7	1.3	5.8	6.6
satisfied	3	58	10.9	47.9	54.5
very satisfied	4	55	10.4	45.5	100.0
	.	410	77.2	Missing	
Total		531	100.0	100.0	

APPENDIX I: IMPORTANCE-PERFORMANCE ANALYSIS

Importance Performance Analysis of “Trash & Litter” at SJSP.

		PERFORMANCE		
		Low	High	Total
IMPORTANCE	Low	I. <i>Low Priority</i> n=0 0.0%	II. <i>Possible Overkill</i> n=2 0.4%	n=2 0.4%
	High	III. <i>Focus Here</i> n=12 2.3%	IV. <i>Keep It Up</i> n=502 97.3%	n=514 99.6%
	Total	n=12 2.3%	n=504 97.7%	N=516 100.0%

Importance Performance Analysis of “Restroom Cleanliness” at SJSP.

		PERFORMANCE		
		Low	High	Total
IMPORTANCE	Low	I. <i>Low Priority</i> n=0 0.0%	II. <i>Possible Overkill</i> n=1 0.2%	n=1 0.2%
	High	III. <i>Focus Here</i> n=158 31.4%	IV. <i>Keep It Up</i> n=344 68.4%	n=502 99.8%
	Total	n=158 31.4%	n=345 68.6%	N=503 100.0%

Importance – Performance Analysis of “Facility Upkeep” at SJSP.

		PERFORMANCE		
		Low	High	Total
IMPORTANCE	Low	I. <i>Low Priority</i> n=0 0.0%	II. <i>Possible Overkill</i> n=1 0.2%	n=1 0.2%
	High	III. <i>Focus Here</i> n=23 4.5%	IV. <i>Keep It Up</i> n=487 95.3%	n=510 99.8%
	Total	n=23 4.5%	n=504 98.6%	N=511 100.0%

Importance – Performance Analysis of “Helpful & Friendly Staff” at SJSP.

		PERFORMANCE		
		Low	High	Total
IMPORTANCE	Low	I. <i>Low Priority</i> n=2 0.4%	II. <i>Possible Overkill</i> n=7 1.4%	n=9 1.8%
	High	III. <i>Focus Here</i> n=30 6.0%	IV. <i>Keep It Up</i> n=461 92.2%	n=491 98.2%
	Total	n=32 6.4%	n=468 93.6%	N=500 100.0%

Importance – Performance Analysis of “Disability Access” at SJSP.

		PERFORMANCE		
		Low	High	Total
IMPORTANCE	Low	I. <i>Low Priority</i> n=2 0.5%	II. <i>Possible Overkill</i> n=31 8.0%	n=33 8.5%
	High	III. <i>Focus Here</i> n=18 4.7%	IV. <i>Keep It Up</i> n=336 86.8%	n=354 91.5%
	Total	n=20 5.2%	n=367 94.8%	N=387 100.0%

Importance – Performance Analysis of “Caring for Natural Resources” at SJSP.

		PERFORMANCE		
		Low	High	Total
IMPORTANCE	Low	I. <i>Low Priority</i> n=0 0.0%	II. <i>Possible Overkill</i> n=7 1.4%	n=7 1.4%
	High	III. <i>Focus Here</i> n=13 2.6%	IV. <i>Keep It Up</i> n=475 96.0%	n=448 98.6%
	Total	n=13 2.6%	n=482 97.4%	N=495 100.0%

Importance – Performance Analysis of “Being Safe” at SJSP.

		PERFORMANCE		
		Low	High	Total
IMPORTANCE	Low	I. <i>Low Priority</i> n=1 0.2%	II. <i>Possible Overkill</i> n=5 1.0%	n=6 1.2%
	High	III. <i>Focus Here</i> n=28 5.5%	IV. <i>Keep It Up</i> n=475 93.3%	n=503 98.8%
	Total	n=29 5.7%	n=480 94.3%	N=509 100.0%

APPENDIX J: PLACE ATTACHMENT SCORES

Place Attachment Scores: Item by Item Analysis

Best Place

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Disagree	2	9	1.7	1.7	1.7
Neutral	3	92	17.3	17.5	19.2
Agree	4	191	36.0	36.3	55.5
Strongly Agree	5	234	44.1	44.5	100.0
	.	5	.9	Missing	
Total		531	100.0	100.0	

No Comparison

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	7	1.3	1.4	1.4
Disagree	2	53	10.0	10.3	11.6
Neutral	3	199	37.5	38.6	50.2
Agree	4	149	28.1	28.9	79.1
Strongly Agree	5	108	20.3	20.9	100.0
	.	15	2.8	Missing	
Total		531	100.0	100.0	

More Satisfying

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	6	1.1	1.2	1.2
Disagree	2	40	7.5	7.8	8.9
Neutral	3	212	39.9	41.2	50.1
Agree	4	151	28.4	29.3	79.4
Strongly Agree	5	106	20.0	20.6	100.0
	.	16	3.0	Missing	
Total		531	100.0	100.0	

More Important

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	6	1.1	1.2	1.2
Disagree	2	51	9.6	9.8	11.0
Neutral	3	219	41.2	42.3	53.3
Agree	4	133	25.0	25.7	79.0
Strongly Agree	5	109	20.5	21.0	100.0
	.	13	2.4	Missing	
Total		531	100.0	100.0	

No Substitute

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	9	1.7	1.7	1.7
Disagree	2	67	12.6	12.9	14.6
Neutral	3	190	35.8	36.6	51.3
Agree	4	145	27.3	27.9	79.2
Strongly Agree	5	108	20.3	20.8	100.0
	.	12	2.3	Missing	
Total		531	100.0	100.0	

Enjoy at Similar Site (reverse coded)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Strongly Disagree	1	106	20.0	20.5	20.5
Disagree	2	212	39.9	41.0	61.5
Neutral	3	137	25.8	26.5	88.0
Agree	4	51	9.6	9.9	97.9
Strongly Agree	5	11	2.1	2.1	100.0
	.	14	2.6	Missing	
Total		531	100.0	100.0	

APPENDIX K: OPEN-ENDED COMMENTS

ALTERNATE PLACES TO RIDE ATV/ORV's

<p>MISSOURI (141) Missouri Farmington Iron County Jeff City Harrisburg Smithville – 2 Kahokia – 2 Kingdom City – 2 Washington County Deepwater – 7 Florence Centerville Bloomdale Lesterville Mark Twain National Forest – 9 Suttons Bluff – 17 Chadwick – 14 Palmer Lake – 3 Potosi Columbia/Finger Lakes – 74</p> <p>PRIVATE LAND (46) Private Land – 41 Overturf Motorpark Hawk Point St. Genevieve Motorpark (2) Loretta Lynn's Ranch</p> <p>ILLINOIS (24) Illinois – 7 Taylorville – 5 Williams Hill – 2 White City - 2 Alton Crab Orchard Calesburg Casey Decatur Salem Bear Lincoln</p>	<p>KENTUCKY (20) Land-Between-The-Lakes – 12 Turkey Bay (LBL) – 8</p> <p>OKLAHOMA (12) Oklahoma Stillwater Little Sahara - 9 Waynoka</p> <p>SOUTH DAKOTA (11) Badlands – 11</p> <p>WISCONSIN (4) Wisconsin – 2 Wisconsin Trail System Park Falls</p> <p>INDIANA (4) Indiana Attica - 3</p> <p>ARKANSAS – 3 Arkansas – 2 Daisy</p> <p>KANSAS (3) Perry Lake – 2 Milford</p> <p>COLORADO, IOWA, WEST VIRGINIA, MICHIGAN & TEXAS (1 EACH)</p> <p>MISCELLANEOUS (12) Cloud Nine – 2 Mill Creek – 4 Fox Valley Cooper Creek – 3 Woodland Lakes Hazel Creek Espy Park</p>
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SJSP VISITOR OCCUPATIONS

<p>SKILLED TRADES (121) Dispatcher Construction – 12 Carpentry – 14 Maintenance – 5 Printing – 4 Lineman – 2 Railroad Welder – 3 Flooring – 4 Electrician – 4 Beauty Utilities – 2 Chemical Operator – 2 Laborer – 9 Sheet Metal Worker – 2 Brick Layer Glass Installer Forklift Operator – 2 Guttering Painter – 2 Landscaper – 2 Surveyor – 3 Machinist – 13 Technician – 23 Artisan – 2 Inspector Designer</p> <p>EDUCATION (37) Teacher – 16 Student – 20 Librarian</p>	<p>MEDICAL (31) Doctor Nurse – 9 Certified Nurse Asst. – 4 Paramedic Pharmacist Chiropractor Radiologist Technician Surgeon Surgeon Asst. Home Health Care – 3 Medical – 3 Registered Medical Asst. Veterinarian Vet Asst.</p> <p>TRANSPORTATION (24) Truck Driver – 16 Delivery – 4 Driver – 4</p> <p>ADMINISTRATION (22) Contract Specialist Analyst – 2 Director – 9 Administrative – 9 Registrar</p> <p>DOMESTIC (22)</p>
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SJSP VISITOR OCCUPATIONS

<p>BUSINESS (20) Office – 2 Bookkeeping – 2 Clerical – 2 Accountant Secretary – 3 Receptionist Business – 9</p> <p>RETAIL / SALES (18) Retail – 5 Sales – 12 Insurance</p> <p>MANAGERIAL (17) Manager – 10 Supervisor – 7</p> <p>PRODUCTION (15) Production – 8 Manufacturing – 5 Mining – 2</p> <p>SAFETY / SECURITY (14) Police Officers – 3 Security Guards – 2 Corrections – 9</p> <p>ENGINEERING (13)</p> <p>SELF-EMPLOYED (12)</p> <p>HUMAN SERVICES (11) Human Services Childcare – 4 Youth Development Specialist Social Work Geriatrics – 2 Recreation – 2</p>	<p>AUTOMOTIVE (10) Automotive – 3 Mechanic – 7</p> <p>CUSTOMER SERVICE (9) Customer Service – 8 Telemarketer</p> <p>GOVERNMENT (9) Civil Service – 2 Dept. of Defense Armed Forces – 2 Post Office – 3 Forester</p> <p>HOSPITALITY (7) Restaurant -2 Cook – 2 Beverages – 2 Waitress</p> <p>LEGAL (4) Attorney – 2 Legal Secretary – 2</p> <p>BANKING (3)</p> <p>COMPUTERS (5)</p> <p>FIREFIGHTER (4)</p> <p>FARMING (3)</p> <p>MISCELLANEOUS (7) Pilot – 2 Food Scientist Writer Radio – 2 Real Estate</p>
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I enjoy every visit.

In general, I am very satisfied with the Missouri State Park system. I would like to addition parks with ORV areas.

Great State Park!

Had a great camp and ride and BBQ.

I have not been here enough.

St. Joe State Park is great!

Sufficient facilities/camp sites/Restrooms/bath/shower facilities

If St. Joe would offer fuel and groceries, I would spend all my money here rather than elsewhere. I have found no finer camping-riding experience and I say "Thank You" my family loves it!

Very friendly staff, very nice campground

Put in a shower house at the Equestrian camp. Like the other camp. Have more electric sites

Keep the Equestrian campground available for horses only.

Enjoy it very much, it is always clean and well kept.

Like to see more and bigger riding areas in MO.

I really like it here! On weekends this park is really crowded with motorcycles and ATV's it would be great if more land opened up for more riding area.

Make the park bigger for the ORV area. Like it was in the early 80's.

I am very pleased with the clean facilities, beaches, and campgrounds. We will definitely be back!

Nice Park.

Wish you had a car wash facility.

Better Fishing in Lakes.

It would be more pleasant if we had a shower at the beach so a person can wash the sand off.

Lovely Park. We only fish or swim here so we don't always enjoy the ATV's, but it is great to have a place for them instead of running wild in the other parks – The rangers seem to do a good job patrolling and keeping things safe and under control. New in the area – love this area so close to home!

The bike trail is very well maintained now. It was formally in a state of disrepair. Keep up the good work!

Nice facilities and a good place to visit and bring my family.

I wish non-racers still had a place to ride during race days when riding area is closed. And again I would like to see an area just for smaller (younger) riders.

The park rangers are in no way nice or polite. They can and should enforce the rules, but they need to do it in a nice and polite way. Around the 10 marker on today's race track there is a metal round pole sticking up about 6 or 8 inches in a mud hole, you can see it. It is very dangerous.

Need showers for Equestrian park – lights in restrooms. Save Equestrian campsites for people with horses.

More electric sites, more lighting. Showers

An absolute, exceptional experience. Thank you very much!

Wonderful Place.

St. Joe Park is a great place to get away from it all. It is a peaceful place to visit.

More Trails

Very nice area, but the rocks are a killer!

Didn't get campsite due to reservations!

I really think that they need to regulate the trucks and automobiles on the ATV Riding Area. They are not safe!

It is very peaceful and relaxing. I enjoy that the most!

Thank you

Showers at horse camp?

More Playgrounds for kids.

As you can tell, we love this place.

Needs electrical outlets at pavilion. Trash cans at pavilion. Small park for kids at pavilion.

I really like that drinking is prohibited where they ride, awesome!

Need to install showers at the riding park

Only place in area where you can ride motorcycles and ATV's

Bathrooms are nasty, but the park rangers and staff are great. Not enough campsites.

The rangers have been harassing us since arrival. We need more parking.

No Reserves, First come, First

Vent the restrooms down at to ORV staging area.

Need more campsites.

Need trashcans at pavilion site and a place to wash up.

Fun.

The park needs a wash station for motorcycles to help keep repairs down on them and less dirt in the campground area.

More Shower/Bathroom General Store close to camp/ORV

Would like to see a third car authorized on the campsite because of family and friends. We need three vehicles. Need additional Showers.

Having a visitor at a campsite for a day and he can't unload and park at the campground. This is terrible.

If you have your site paid for by credit card it should be saved for you when you get here, whether you make it before a certain time of day.

Nice Visit, clean, but stinky restrooms (pit toilets).

Showers at Equestrian site; Minimize reservable sites; more upkeep with hitching post, fill in low spots around hitching post.

I am concerned about lead content in the beach sand since it mined from the lead mines.

Need better bathrooms, showers and sinks.

Toilets smell and keep ATV's off bike trail.

Better maps of the park and its facilities; I'd like to check out the rest of it and plan a camping trip.

Safer conditions on sand riding and trails possible one-way, and young rider trails.

More camping spots with electric and water in the winter.

I can't think of a thing – it's fine the way it is

Great 1st time experience.

Cool Park. Will visit again if I find time.

I wish there were more accommodations at this ORV campsite such as additional campsites and restrooms.

No Generators in the basic camping area.

No Generators in the basic service area!

We really like it here. We all want to come back several times over the next year.

I love the equestrian campground.

Wash off area for ATV's.

Flush toilets and shower house in equestrian campsite would be wonderful.

Would like water spicket at individual sites in case pump for holding tank goes out.

The only thing was pipes sticking out of the ground.

Between the quiet time Let's try to get people to quiet down I know this is a park but there are other campers in here plus make them dim their lights at night. Thank you!

The bathroom stinks, pee u!

Would like flush toilets and sinks in this campground.

Need to update restrooms.

Widen the trails spots for kids

Look at hunting suggestions.

More shade, flush toilets, more parking area, cleaner picnic tables, better smoother woods riding

Thanks for being great hosts during our stay. We appreciate all you do.

Need more for Disability.

Everything was great other than what I have listed in the questionnaire

Its great!

I am very impressed with this park.

Love St. Joe!

ATV area to be separate from picnic area.

Just moved to Farmington Area I will be back with more family and friends...Thanks!

Flushing toilets at beach area.

More campsites and more flush toilets.

More of my family and friends would come if you had increased fishing hours (later at night). Also the two wheelers are not very respectful of the four wheelers.

Better restrooms.

Move Showers

Love that Missouri has places to ride.

I feel there should be more water faucets that would be more convenient. Overall we really enjoy it here.

Access to the bike trail from camping area.

We loved it here.

Overall satisfied

Specified area for smaller children.

Have you ever thought of adding any type of cottage? Maybe just a few with ability to reserve.

We like the park – our boys love riding ATV's

More fun events like Poker Runs.

Difficulty without access to a modem for computer or cell phone access.

The park is a great place to bring the kids to swim. They can't use the rafts at the local pools. I feel safe bringing my family here.

The riding area should be expanded for vehicles and BBQ area

I like this park because I live close to it.

Online reservation for 1-day would be nice.

We think there is no place like St. Joe. Thank you for providing such a nice place to ride and picnic.

I care for nature and ATV riding. What ever you can do to keep both here- I would support.

To many large rocks on trails need shaded shelter in parking area.

Save the handicapped area by the scenic beach.

Widen the Boundaries, make area bigger, never close.

Sewer hook-ups in campground area. Water hook-ups at each site. The bike trails are great and the ORV riding very fun and challenging.

I felt that the attitude of the female rangers was extremely unacceptable.

Gas station, car wash, more woodland trails for smaller 4 wheelers.

Good park for 4-wheelers not to great for bikes, just because of sand. Overall very nice park.

St. Joe is always a nice clean, sanitary place to bring my child. We enjoy family outings and the location is great. We live within 10 minutes of the park Thank you!

More woodland trails, rest of our experience was great!

A nice place to come.

I would pay more if they would groom the sand flats, make obstacles jumps etc.

There should be more consideration on the amount of tents especially with families. Some people do not have a tent that holds five people.

It was great!

Love this park. This is what campsites should be like – spaced apart, big. It's quiet here and private. We loved it and will return. Thanks

Our family uses both equestrian and ORV areas. I am displeased that one with horses cannot make reservations for camping. So many times I have come here to camp with my horses and people without horses were occupying the sites to the point there was no capacity for horses.

It was fine.

Thanks for a great place

Showers at equestrian campground.

Separate Mountain bike trail unpaved 11-12 miles long bikes only.

More work on equestrian trails. Area just for off road bicycles

Expand ORV riding area without limiting number of people, better toilet system at ORV. Great prices overall satisfied.

An ATV only campsite, no ATV no camping in park. Electric in overflow.

Shortcut to beach.

Smooth out trail from RV area of campground very difficult for inexperienced riders. Or create a link to the other trail from ORV campground. Make possible to reserve camping for only one weekend night.

We enjoy riding here – one of the better maintained riding areas.

More information at hwy 32 entrance

We enjoy coming here and have had family reunions here. Family from Illinois really enjoy it here and stay at area motels.

Do not registration fee. Fed. Give disability 50% discount you should do the same.

Please put soap in restrooms.

Cleaner Bathrooms at the non-flushable huts.

I think having this facility available is great. It is very difficult to find a good place to ride. I commute 1 ½ hours each way to ride about four times a month.

Put in wash bay to clean off ATV's.

We really enjoy St. Joes.

The staff needs to be more people friendly there are a couple of them that are very rude. The electric in the Equestrian camp could be updated.

This would really be a great place if the bathroom at the beach would be updated and cleaner.

No complaints

Nice place. We will visit again.

Great Park!! We've used it for almost 20 years.

It is cool but there should be a Concession Stand.

Love the park. Keep up the good job! It's very nice having the motorcycle is a big asset. We've had bike trouble and they do everything possible to help you get back on the trails

Make some campsites first come first serve.

I wish they had some flush toilets.

I would like a playground at the campsite for all children.

Clean Bathrooms or update with septic systems.

Make non-reservation site and more electric sites.

Better restrooms at ORV area, More electric campsites.

Flushing toilets in ORV area, More picnic areas at ORV covered, develop more areas like St. Joe.

The smell from the bathrooms really need to be improved. Thanks

More Campsites

Missouri does a great job of maintaining our parks.

This is a great park, you all are doing a fine job. Thanks

Love the bike trail, just wish there were more in the area that kids could be taken on.

The reservation line needs to be kept informed of the happenings at the park. They stated there was a playground right by the campsite when we made our reservation 1 ½ months ago. Then the park ranger said they took the equipment out when we asked.

Clean showers at shower house with bleach solutions to reduce mildew on floor and wall grout.

Great place

I love it thank you!

Bathrooms stink

Everything is great, beside restrooms at beach area (strong odor).

More picnic tables to be made available to beach area, because ATV people grab all of them and there's not many to begin with so family's that want to spend the day at the beach and have lunch don't get or have to fight for a table to eat on for 20 or 30 minutes.

I love the campsites but I would like water hook up for my trailer the trails are a little too rocky for the horses. I don't like the reservation thing – I don't have a computer. You need more electrical sites in equestrian site and a horse wash area would be nice to help cool horses after a long ride. I love it here. I love the flowers on the trail.

A place to float.

Barking dogs (dogs not allowed)

I like this park. I plan to return next year for vacation and bring more family.

No riding in pairs is kinda dumb being some of your newer ATV's are designed to ride in pairs.

Its wonderful that the state has supplied a riding area that the whole family can enjoy.

Park is nice, add more electrical sites.

No complaints, St. Joe has excellent campgrounds (should not have went to reserve camp sites).

Keep up the good work.

I keep coming back.

Needs more Jumps

It is a good place to visit, especially the bike trail.

Need rest rooms improved with odor

Great Park! Bathrooms by the beach are bad.

A place to wash ATV's

Just keep it open and I will keep coming back. Thank you.

Clean Flushing Toilets and Trail Maps and Signs.

A hose to clean off with.

It's a nice place to camp and ride Dirt bikes.

Same fees for all riding horse and ATV, try to set up a Motocross area similar to Finger Lakes. Set up an emergency rescue plan if you don't have one.

Make sure the showers don't shock you when using them. Need more campsites.

I love St. Joe.

We love it here.

Open more of the park for riding it would relieve some of the congestion.

Great place to bring son.

The bathroom stink vary badly and we need more campgrounds.

Allow as many vehicles on site that will fit, increased revenue and increased number of open spots available. Improve trail from campground to sand. Relax attitudes of park personnel, be more customer friendly and oriented. Increase number of camping sites – electric. Increase bathroom and shower facilities.

They need more sites for camping.

Should allow unlimited vehicles that will fit on spot. Should allow trailer parking in parking lot at entrance.

The impression is created, park staff rather visitors not use park and facilities. Too many needless rules. No flexibility in parking.

Shower house in Equestrian campground.

Make more first come first serve sites and have the fee for reservation a deposit instead of nonrefundable.

Motocross Track!! Remove big boulders from trail.

More riding area

Need flushing toilet, need jumps and whoops, less dusty, trail maintenance. Don't raise fees.

Spend most of parks budget on ATV areas. Create more interesting and challenging area in sand flats.

All of the park employees go out of their way to make sure safety is enforced and our visits are always pleasurable. Thank you.

The improvement's that are being made now are very satisfying. Especially the beaches around the lakes.

I would like to see bikes on the bike path only allowed one direction. This would make it much safer.

Not so many regulations at night

Park is very well kept: bathrooms need attention

Flushing toilets and warm running water in staging area.

Restroom small in ORV area. Otherwise like the park a lot

Good parking lot in staging area.

The space between the campsites is really nice!! I would really like to see full hook-up in the future.

Add another bathhouse in ORV campground increase ORV riding area.

Equestrian trails are rocky compared to other state parks. St. Francis trails are also rocky.

Change rules to allow what will fit in a campsite to be put there. Example number of tents at a site or vehicles at a site. To keep family together. Set up a system for 1 to 2 riding passes free per campsite paid for. Dumpster at Equestrian campground and dump station and shower house.

Remove large vehicles from ORV area, set up a beginner area. Clean ORV restroom more often. Create flushing toilets in ORV area. Allow number of vehicles that fit to be at a campsite.

It's great! Horse trails are kind of rocky.

Motocross track or burms and jumps added something to make jumps. Flushing toilets in staging area, add table tops.

Would like to see an official motocross facility like at finger lakes state park put in would be good for the area. A lot of people make the same reply on a daily basis.

Need more pavilions, establish a drag race only area.

Our visits are always enjoyable, we have never had any problems.

Rework reservation system make it half and half, lower cost for reservation. Don't make specific sites reservable.

Reopen/make another hill climb area.

Park is very well managed

Longer hours during off-season

Toilets need help; smell is overbearing.

Water and sewer hookups in campground/more state parks. Willing to pay more for it.

Reservation System needs to know specific rules for campground.

Allow more vehicles at each campsite, to allow groups to stay together. Be more flexible with reservation systems allow specific parks to control more items. If possible open more riding areas for ORV area.

Flushing toilets in ORV area

Night riding allowed. Flushing toilets in ORV area. Washing station in ORV area.

Flushing Toilets in ORV area

Control Weather.

Make more areas like this or expand area

Expand riding areas for ORV's

Increase campsites

Clean Bathrooms (smell/flies)

Wish it was bigger

Work on removing rocks on some hills and trails/specific trails for 4 wheelers and dirt bikes, one-way trails.

More equestrian trails here and other state parks. Shower houses at equestrian campground. St. Francis and Trail of Tears parking needs to be improved to level of St. Joe.

Park Superintendent is a jerk. Call me and I'll explain.