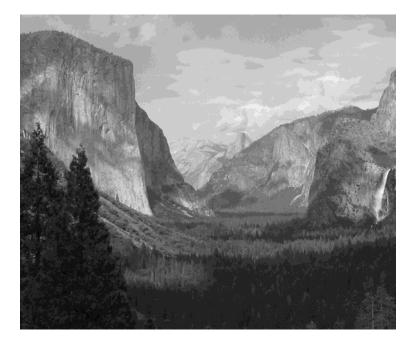


Social Science Program National Park Service U.S. Department of the Interior

**Visitor Services Project** 



# Yosemite National Park Visitor Study

Winter 2008



Park Studies Unit Visitor Services Project Report 198



Social Science Program National Park Service U.S. Department of the Interior

**Visitor Services Project** 

# Yosemite National Park Visitor Study Winter 2008

Park Studies Unit Visitor Services Project Report 198

October 2008

Yen Le Eleonora Papadogiannaki Nancy Holmes Steven J. Hollenhorst

Dr. Yen Le is VSP Assistant Director, Eleonora Papadogiannaki and Nancy Holmes are Research Assistants with the Visitor Services Project and Dr. Steven Hollenhorst is the Director of the Park Studies Unit, Department of Conservation Social Sciences, University of Idaho. We thank Jennifer Morse, Paul Reyes, Pixie Siebe, and the staff of Yosemite National Park for assisting with the survey, and David Vollmer for his technical assistance.

#### Visitor Services Project Yosemite National Park Report Summary

- This report describes the results of a visitor study at Yosemite National Park during February 2-10, 2008. A total of 938 questionnaires were distributed to visitor groups. Of those, 563 questionnaires were returned, resulting in a 60% response rate.
- This report profiles a systematic random sample of Yosemite National Park. Most results are presented in graphs and frequency tables. Summaries of visitor comments are included in the report and complete comments are included in the Visitor Comments Appendix.
- Fifty percent of visitor groups were in groups of two and 25% were in groups of three or four. Sixty percent of visitor groups were in family groups.
- United States visitors comprised 91% of total visitors, with 89% from California, and smaller proportions from 32 other states. International visitors were from 24 countries and comprised 9% of total visitation, with 9% each from Germany, Korea, Taiwan, United Kingdom. Smaller proportions came from 20 other countries.
- Fifty-nine percent of visitors were ages 31-65 years, 8% were over 65 years, and 17% were ages 15 years or younger. Five percent of visitor groups reported physical conditions that made it difficult to access or participate in park activities or services.
- Sixteen percent of visitors were of Hispanic or Latino ethnicity. Ten percent were Asian and 3% were American Indian or Alaska Native. Among the visitor groups of Asian ethnicity, the most common backgrounds were Chinese (39%), Japanese (21%) and Korean (18%).
- Twenty-six percent of visitors had visited the park once in their lifetime, and 55% had visited four or more times. For 53% of visitors, this was their first visit in the past 12 months, while 20% had visited twice in the past 12 months.
- Thirty percent of visitors made the decision to visit the park between 8 and 30 days before their visit, while 27% made the decision two to seven days prior to their visit.
- For 67% of visitors, interest in seeing Yosemite scenery in wintertime was the most common factor affecting their decision to visit the park.
- Prior to this visit, visitor groups most often obtained information about Yosemite National Park through previous visits (74%) and the Yosemite NP website (52%). Most visitor groups (93%) did obtain information about the park prior to their visit. Sixty-eight percent indicated they would prefer to obtain information for a future visit from the park website.
- The most common visitor activities were viewing scenery/taking a scenic drive (84%), taking photographs/painting/drawing (73%), and day hiking (35%).
- Of those visitors who stayed overnight in the park or in the area (65%), forty percent stayed two nights. Among the park's day visitors, 50% spent six or more hours. The average time spent in the park (including hours and days), was 1.3 days.
- The average group expenditure in the park and the surrounding area (within 50 miles of any entrance point) was \$579, with a median (50% spent more and 50% spent less) of \$315. The average total expenditure per person was \$194.
- Most visitor groups (85%) rated the overall quality of services, facilities, and recreational opportunities at Yosemite National Park as "very good" or "good." Less than 2% of visitor groups rated the overall quality as "very poor" or "poor."

For more information about the Visitor Services Project, please contact the Park Studies Unit at

the University of Idaho at (208) 885-7863 or the following website http://www.psu.uidaho.edu.

# TABLE OF CONTENTS

INTRODUCTION	1
Organization of the report	
Presentation of the results	2
METHODS	3
Survey Design	
Sample size and sampling plan	
Questionnaire design	
Survey procedure	
Data Analysis	
Limitations	
Special Conditions	
Checking Non-response Bias	
RESULTS	
Demographics	
Visitor group size	
Visitor group type	
Visitors with organized groups	
Visitor age	
United States visitors by state of residence	
International visitors by country of residence	
Number of visits to the park	
Visitor ethnicity	
Visitor race	
Asian ethnic groups	
Visitors with physical conditions/impairments	
Language used for speaking and reading	
Preferred services to be provided in other languages than English	
Trip/Visit Characteristics and Preferences	
Information sources prior to visit	
Information sources for future visit	
Timing of decision to visit the park	
Factors affecting decision to visit the park	
Primary reason for visiting the area	
Length of visit in the park	
Length of stay in the area	
Activities on this visit	
Most important activity	
Sites visited	
Overnight accommodations	
Type of lodging inside and outside the park	
Places stayed before visit	
Places stayed after visit	
Entry point	
Exit point	
Number of park entries	
Forms of transportation	
Number of vehicles	
Opinions about entrance fees	39

# TABLE OF CONTENTS continued

Ratings of Visitor Services, Facilities, Elements, Attributes and Resources	40
Visitor services and facilities used	
Importance ratings of visitor services and facilities	
Quality ratings of visitor services and facilities	46
Mean scores of importance and quality ratings for visitor services and facilities	
Information services and facilities used	
Importance ratings of information services and facilities	
Quality ratings of information services and facilities	
Mean scores of importance and quality ratings for information services and facilities	
Additional services/facilities needed	
Expenditures	
Total expenditures inside and outside Yosemite National Park	
Number of adults covered by expenditures	
Number of children covered by expenditures	
Expenditures inside the park	
Expenditures outside the park	
Preferences for future visit	
Preferred interpretive programs/information services	
Overall Quality	
Visitor Comments	
Planning for the future	
Additional comments	
APPENDICES	
Appendix 1: Comparative demographics, 2008 Winter, 2005 Summer	
Visitor group size	
Visitor group type	
Visitors with organized groups	
Visitor age	
United States visitors by state of residence – 2008 Winter	
United States visitors by state of residence – 2005 Summer	
International visitors by country of residence – 2008 Winter	
International visitors by country of residence – 2005 Summer	
Number of visits to the park	
Visitor ethnicity	
Visitor race	
Asian ethnic groups	99
Visitors with physical conditions/impairments	100
Appendix 2: The Questionnaire	
Appendix 3: Additional Analysis	
Appendix 4: Decision Rules for Checking Non-response Bias Appendix 5: Visitor Services Project Publications	
Visitor Comments Appendix	
	109

# INTRODUCTION

Yosemite National Park, one of the first wilderness parks in the United States, is best known for its waterfalls, but within its nearly 1,200 square miles, you can find deep valleys, grand meadows, ancient giant sequoias, a vast wilderness area, and much more. (Yosemite National Park, National Park Service, Department of the Interior website http://www.nps.gov/yose August, 2008)

This report describes the results of a visitor study at Yosemite National Park, conducted February 2 – 10, 2008 by the National Park Service (NPS) Visitor Services Project (VSP), part of the Park Studies Unit (PSU) at the University of Idaho.

# Organization of the report

The report is organized into three sections.

- <u>Section 1</u>: **Methods**. This section discusses the procedures, limitations, and special conditions that may affect the results of the study.
- <u>Section 2</u>: **Results**. This section provides summary information for each question in the questionnaire and includes a summary of visitor comments. The presentation of the results of this study does not follow the same order of questions in the questionnaire.

## Section 3: Appendices

- Appendix 1: *Comparative demographics, 2008/2005.* A comparison of visitor demographics of the 2008 and 2005 Yosemite visitor studies.
- Appendix 2: The Questionnaire. A copy of the questionnaire distributed to groups.
- Appendix 3: *Additional Analysis*. A list of options for cross-references and cross comparisons. These comparisons can be analyzed within park or between parks. Results of additional analyses are not included in this report as they may only be requested after the results of this study have been published.
- Appendix 4: *Decision rules for checking non-response bias.* An explanation of how the non-response bias was determined.
- Appendix 5: *Visitor Services Project Publications*. A complete list of publications by the PSU. Copies of these reports can be obtained by contacting the PSU office at (208) 885-7863 visiting the website: http://www.psu.uidaho.edu/vsp/reports.htm.
- Visitor Comments Appendix: A separate appendix provides visitor responses to open-ended questions. It is bound separately from this report due to its size.

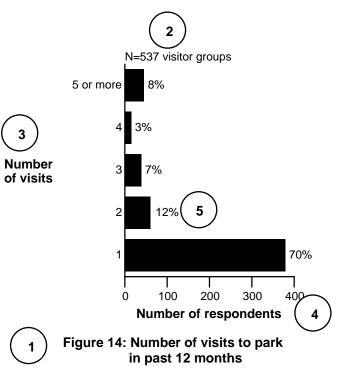
1

# Presentation of the results

Results are represented in the form of graphs (see example below), scatter plots, pie charts, tables, or text.

# SAMPLE ONLY

- 1: The figure title describes the graph's information.
- Listed above the graph, the "N" shows the number of individuals or visitor groups responding to the question. If "N" is less than 30, "CAUTION!" is shown on the graph to indicate the results may be unreliable.
  - \* appears when total percentages do not equal 100 due to rounding.
  - \*\* appears when total percentages do not equal 100 because visitors could select more than one answer choice.
- 3: Vertical information describes the response categories.
- Horizontal information shows the number or proportions of responses in each category.
- 5: In most graphs, percentages provide additional information.



# METHODS

# Survey Design

## Sample size and sampling plan

All VSP questionnaires follow design principles outlined in Don A. Dillman's book *Mail and Internet Surveys: The Tailored Design Method* (2007). Using this methodology, the sample size was calculated based on the park visitation statistics of previous years.

Brief interviews were conducted with a systematic, random sample of visitor groups that arrived at selected locations in Yosemite National Park during February 2 – 10, 2008. During this survey, 1,006 visitor groups were contacted and 938 of these groups (93.2%) accepted questionnaires (average acceptance rate for 183 VSP visitor studies is 90.9%). The distributed questionnaires included 15 questionnaires in Spanish, of which six were returned. Table 1 shows the three locations and numbers of questionnaires distributed at each location. Visitors were surveyed between the hours of 8 a.m. and 5 p.m. Questionnaires were completed and returned by 563 visitor groups resulting in a 60% response rate for this study. The average response rate for the 183 VSP visitor studies conducted from 1988 through 2007 was 74.9%.

# Table 1: Questionnaire distribution N=number of questionnaires distributed

Sampling site	Ν	Percent of total
Arch Rock	246	26
Oak Flat	298	32
South Entrance	394	42
Total	938	100

# **Questionnaire design**

The Yosemite National Park questionnaire was developed at a workshop held with park staff to design and prioritize the questions. Some of the questions were comparable with VSP studies conducted at other parks while others were customized for Yosemite National Park. Many questions asked visitors to choose answers from a list of responses, often with an open-ended option, while others were completely open-ended.

No pilot study was conducted to test the Yosemite National Park questionnaire. However, all questions followed OMB guidelines and/or were used in previous surveys. Thus, the clarity and consistency of the survey instrument have been tested and supported.

# Survey procedure

Visitor groups were greeted, briefly introduced to the purpose of the study, and asked to participate. If visitors agreed, they were asked which member (at least 16 years of age) had the next birthday. The individual with the next birthday was selected to complete the questionnaire for the group. An interview,

lasting approximately two minutes, was conducted with that person to determine group size, group type, and the age of the member completing the questionnaire. These individuals were asked for their names, addresses, and telephone numbers or email addresses in order to mail them a reminder/thank you postcard and follow-ups. Visitors were asked to complete the survey after their visit, and return the questionnaire by mail. The questionnaires were pre-addressed and affixed with a U.S. first class postage stamp.

Two weeks following the survey, a reminder/thank you postcard was mailed to all participants. Replacement questionnaires were mailed to participants who had not returned their questionnaires four weeks after the survey. Seven weeks after the survey, a second round of replacement questionnaires was mailed to visitors who had not returned their questionnaires.

# **Data Analysis**

Returned questionnaires were coded and the information was entered into a computer using custom and standard statistical software applications—Statistical Package for the Social Sciences (SPSS), and a custom designed FileMaker Pro application. Descriptive statistics and cross-tabulations were calculated for the coded data and responses to open-ended questions were categorized and summarized. The data were entered twice—by two independent data entry staff—and validated by a third staff member.

# Limitations

Like all surveys, this study has limitations that should be considered when interpreting the results.

- This was a self-administered survey. Respondents completed the questionnaire after the visit, which may have resulted in poor recall. Thus, it is not possible to know whether visitor responses reflected actual behavior.
- The data reflect visitor use patterns to the selected sites during the study period of February 2 10, 2008. The results present a 'snapshot-in-time' and do not necessarily apply to visitors during other times of the year.
- Caution is advised when interpreting any data with a sample size of less than 30, as the results may be unreliable. Whenever the sample size is less than 30, the word "CAUTION!" is included in the graph, figure, table, or text.
- 4. Occasionally, there may be inconsistencies in the results. Inconsistencies arise from missing data or incorrect answers (due to misunderstood directions, carelessness, or poor recall of information). Therefore, refer to both the percentage and N (number of individuals or visitor groups) when interpreting the results.

# **Special Conditions**

The weather during the survey period was variable, generally partly cloudy with freezing temperatures. A significant snowfall occurred on February 3, causing temporary road closures in the park.

# **Checking Non-response Bias**

The two variables used to check non-response bias were group size and age of the group member who actually completed the questionnaire.

As shown in Table 2, there are statistically significant differences between respondent and nonrespondent ages. Respondents also tended to travel with a larger group than nonrespondents. See Appendix 4 for more details of the non-response bias checking procedure.

Table 2: Comparison of respondents and non-respondents           age and group size					
Variable	Respo N	ndent Average	Non-re N	spondent Average	p-value (t-test)
Group size	555	4.2	370	3.1	0.011
Age	549	47.6	369	36.8	<0.001

Non-response bias was detected in this study. Respondents tended to be of older age and traveled with larger groups. Thus, visitor demographic information needs to be interpreted with caution. However, this does not necessary translate into differences in behaviors and perceptions.

# RESULTS

# Demographics

# Visitor group size

#### Question 18

On this visit, how many people were in your personal group, including yourself?

#### Results

- 50% of visitors were in groups of two (see Figure 1).
- 33% were in groups of four or more.

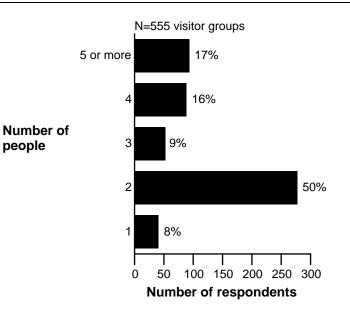


Figure 1: Visitor group size

# Visitor group type

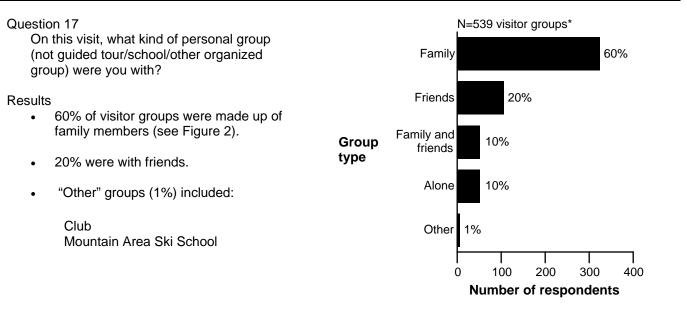


Figure 2: Visitor group type

\*total percentages do not equal 100 due to rounding

<sup>\*\*</sup>total percentages do not equal 100 because visitors could select more than one answer

# Visitors with organized groups

#### Question 16a

On this visit, were you and your personal group part of a commercial guided tour group?

Results

 3% of visitor groups were part of a commercial guided tour group (see Figure 3).

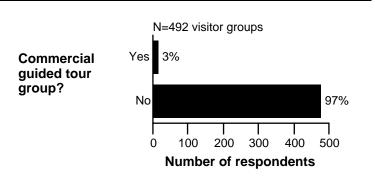


Figure 3: Visitors with a commercial guided tour group

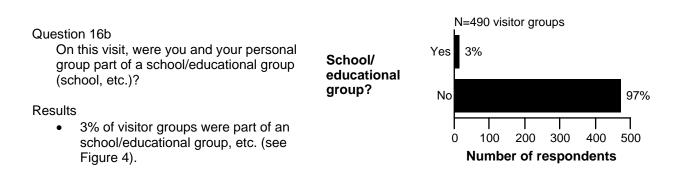


Figure 4: Visitors with a school/educational group

\*total percentages do not equal 100 due to rounding

#### Question 16c

Question 16d

Results

•

On this visit, were you and your personal group part of a wedding/reunion group?

#### Results

• 3% of visitor groups were part of a wedding/reunion group (see Figure 5).

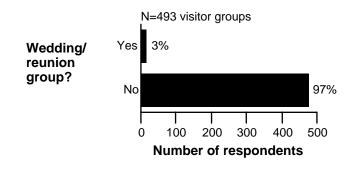
On this visit, were you and your personal

as business group, scout group, etc.?

group part of an other organized group such

4% of visitor groups were traveling with

an other organized group (see Figure 6).



# Figure 5: Visitors with a wedding/reunion group

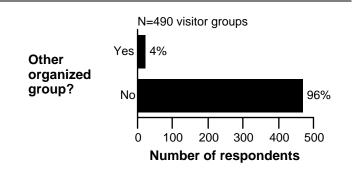


Figure 6: Visitors traveling with an other organized group

\*total percentages do not equal 100 due to rounding

# Visitor age

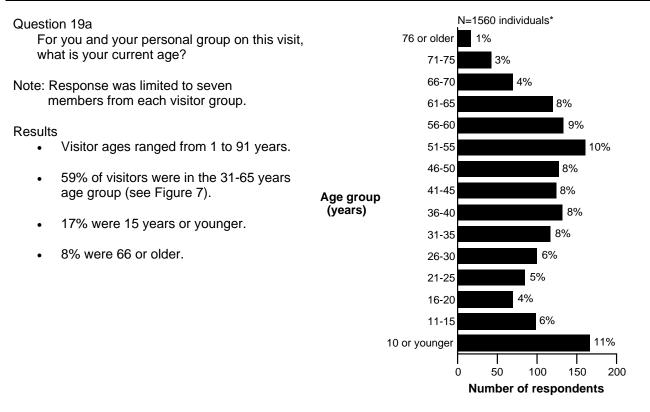


Figure 7: Visitor age

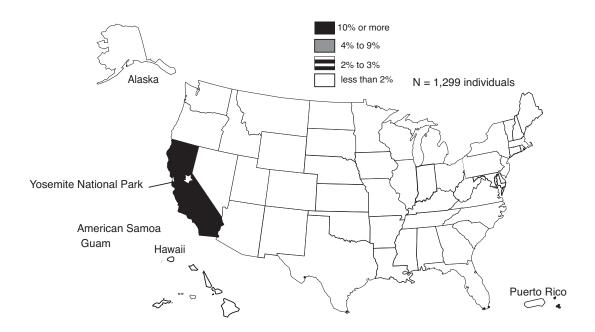
\*total percentages do not equal 100 due to rounding

# United States visitors by state of residence

Question 19b	Table 3: United States visitors by state of residence*			
For you and your personal group on this visit, what is your state of residence?		Number of	Percent of U.S. visitors N=1,299	Percent of total visitors N=1,430
Note: Response was limited to seven	State	visitors	individuals	individuals
members from each visitor group.	California Washington	1,153 14	89 1	81 1
Results	Nevada	9	1	1
U.S. visitors were from 33	Oregon	9	1	1
states and comprised 91% of	Florida	8	1	1
total visitation to the park during	New York	8	1	1
the survey period.	Kentucky	7	1	<1
	Texas	7	1	<1
	Utah	7	1	<1
<ul> <li>89% of U.S. visitors came from California (see Table 3 and Map 1)</li> </ul>	24 other states	77	6	5

# Map 1).

Smaller proportions of U.S. • visitors came from 32 other states.



### Map 1: Proportions of United States visitors by state of residence

\*total percentages do not equal 100 due to rounding

# International visitors by country of residence

Question 19b	Table 4: International visitors by country of residence *			
For you and your personal group on this visit, what is your country of residence?		Number	Percent of international visitors	Percent of total visitors
Note: Response was limited to seven		of	N=131	N=1,430
members from each visitor group.	Country	visitors	individuals	individuals
	Germany	12	9	1
Results	Korea	12	9	1
International visitors were from	Taiwan	12	9	1
24 countries and comprised 9%	United Kingdom	12	9	1
of total visitation to the park	Canada	11	8	1
during the survey period (see	Netherlands	9	7	1
Table 4).	Australia	7	5	<1
	Japan	6	5	<1
<ul> <li>International visitors came from</li> </ul>	South Korea	6	5	<1
Germany, Korea, Taiwan, and	Argentina	5	4	<1
United Kingdom (9% each).	Hong Kong	5	4	<1
	Thailand	5	4	<1
<ul> <li>Smaller portions came from 20</li> </ul>	China	4	3	<1
other countries.	Mexico	4	3	<1
	Brazil	3	2	<1
	Denmark	3	2	<1
	France	3	2	<1
	Columbia	2	2	<1
	India	2	2	<1
	Portugal	2	2	<1
	Romania	2	2	<1
	Singapore	2	2	<1
	Israel	1	1	<1
	Lithuania	1	1	<1

\*total percentages do not equal 100 due to rounding \*\*total percentages do not equal 100 because visitors could select more than one answer

# Number of visits to the park

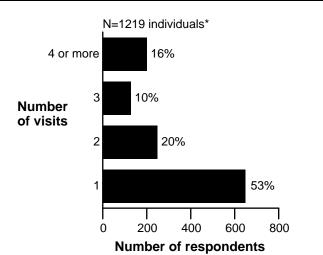
#### Question 19c

For you and your personal group on this visit, how many times have you visited Yosemite National Park in the past 12 months (including this visit)?

Note: Response was limited to seven members from each visitor group.

#### Results

- 53% of visitors visited the park once in the past 12 months (see Figure 8).
- 26% visited three or more times.



# Figure 8: Number of visits to park in the past 12 months

Question 19d

For you and your personal group on this visit, how many times have you visited Yosemite National Park in your lifetime (including this visit)?

Note: Response was limited to seven members from each visitor group.

#### Results

- 55% of visitors visited the park four or more times in their lifetime (see Figure 9).
- 26% visited the park once in their lifetime.

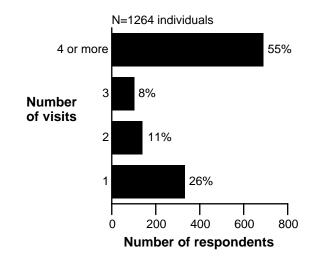
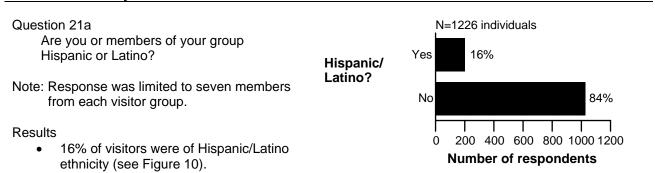


Figure 9: Number of visits to park in lifetime

<sup>\*</sup>total percentages do not equal 100 due to rounding

<sup>\*\*</sup>total percentages do not equal 100 because visitors could select more than one answer

# Visitor ethnicity



#### Figure 10: Visitors of Hispanic/Latino ethnicity

#### Question 21c

Are you or members of your group Middle Eastern/Arab ancestry/descent?

Note: Response was limited to seven members from each visitor group.

#### Results

 2% of visitors were of Middle Eastern/Arab ancestry/descent (see Figure 11).

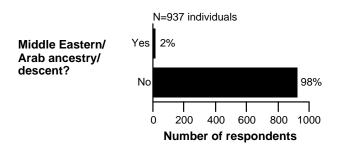


Figure 11: Visitors of Middle Eastern/Arab ancestry/descent

### **Visitor race**

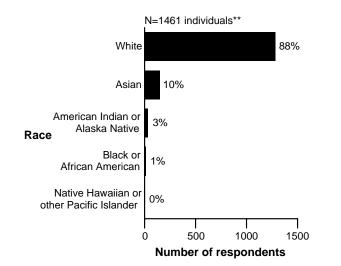
Question 21b

What is your race? What is the race of each member of your personal group?

Note: Response was limited to seven members from each visitor group.

#### Results

- 88% of visitors were White (see Figure 12).
- 10% were Asian.





\*total percentages do not equal 100 due to rounding

# Asian ethnic groups

#### Question 22

If you or your personal group members are of Asian race, which of the following categories best describe your race?

#### Results

- Among visitors who were of Asian race, 39% were of Chinese ethnicity (see Figure 13).
- 21% were Japanese.

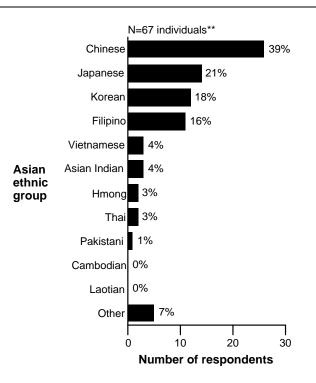


Figure 13: Asian ethnic groups

\*total percentages do not equal 100 due to rounding

# Visitors with physical conditions/impairments

#### Question 20a

Does anyone in your personal group have a physical condition that made it difficult to access or participate in park activities or services?

#### Results

 5% of visitor groups had members with physical conditions that made it difficult to participate in park activities/access services (see Figure 14).

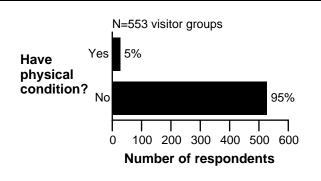


Figure 14: Visitors with physical conditions

Question 20b

If YES, what services or activities were difficult to access/participate in? (open-ended)

#### Results

 Services or activities in which visitors had difficulty accessing or participating in included:

> Anything near smokers, and room fresheners/scents Bus access Cross country skiing Getting to and from lodge over snow banks Handicap parking was difficult due to snow Hiking Icy trails Loft Restaurant was not accessible by disabled persons Sledding

Trail walking Walking

\*total percentages do not equal 100 due to rounding

# Language used for speaking and reading

Question 12a		ľ	N=544 \	isitor gro	ups*	_
When visiting an area such as Yosemite		English				93%
National Park, what one language do you and most members of your personal group		Spanish	2%			
prefer to use for speaking?		Bilingual	1%			
Results		Chinese	1%			
<ul> <li>93% visitor groups reported English as</li> </ul>		Korean	1%			
their preferred language used for		German	1%			
speaking (see Figure 15).		Hebrew	<1%			
Bilingual language groups (1%) included:	Language	Danish	<1%			
	Serb	o-Croatian	<1%			
Spanish/English German/English		Russian	<1%			
Japanese/English		Romanian	<1%			
		Lithuanian	<1%			
		Japanese	<1%			
		Hungarian	<1%			
		1	)	200	400	600
		Ŭ	•		esponder	

# Figure 15: Language preferred for speaking

Question 12a When visiting an area such as Yosemite National Park, what one language do you	N=538 visitor groups* English
and most members of your personal group prefer to use for reading?	Spanish 2% Bilingual 1%
Results	Chinese 1%
<ul> <li>94% visitor groups preferred English for reading (see Figure 16).</li> </ul>	German 1% Korean <1%
• Bilingual language groups (1%) included:	Language Danish <1%
Spanish/English	Serbo-Croatian <1%
German/English	Romanian <1%
Japanese/English	Japanese <1%
	Hungarian <1%
	Hebrew <1%
	Number of respondents

## Figure 16: Language preferred for reading

\*total percentages do not equal 100 due to rounding \*\*total percentages do not equal 100 because visitors could select more than one answer

# Preferred services to be provided in other languages than English

#### Question 12b

What services in the park would you like to have provided in languages other than English? (open-ended)

#### Results

• Services that visitors would like to have provided in languages other than English included:

All services **Brochures Directional signs** Emergency/safety information Food service/stores Guided tours Guides Information at ranger stations Informational signs No-smoking signage No cell phone use signage Parking Restrooms Road conditions Tour information Video about park and nature Visitor center information Weather conditions

\*total percentages do not equal 100 due to rounding

# **Trip/Visit Characteristics and Preferences**

## Information sources prior to visit

Question 1a

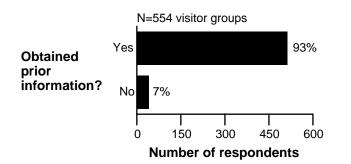
Prior to this visit, how did you and your personal group obtain information to plan your visit to Yosemite National Park?

#### Results

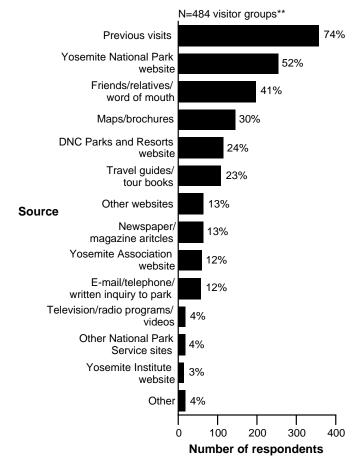
- 93% of visitor groups obtained information about Yosemite National Park prior to their visit (see Figure 17).
- As shown in Figure 18, among those visitor groups who obtained information about Yosemite National Park prior to their visit, the most common sources were:

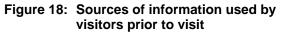
74% Previous visits52% Park website41% Friends/relatives/word of mouth

- "Other" sources (4%) included:
  - Class information Information at Sunset Information from hotel Information from rangers Library books Local resident M.A.S.S. Ski Program Phone call to Badger Ski area Snowshoeing books Tourist information Visitor bureau



#### Figure 17: Visitor groups who obtained information about Yosemite National Park prior to visit





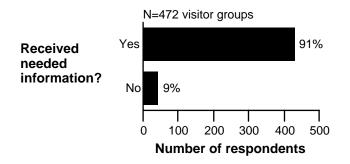
\*total percentages do not equal 100 due to rounding

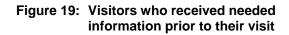
#### Question 1c

From the sources you used prior to this visit, did you and your personal group receive the type of information about the park that you needed?

#### Results

 91% of visitor groups received needed information prior to their visit (see Figure 19).





#### Question 1d

If NO, what type of park information did you and your personal group need that was not available? (open-ended)

#### Results

 Additional information that visitor groups needed included:

> Chain control information Condition of hiking trails to Mariposa Trails Cross country skiing Different routes in/out Hotel prices If there was a rope tow for tubing at Badger Pass Information on Badger Pass ski area Information on Wawona Inn Lodging availability Maps/brochures Ranger programs Road conditions Shuttle maps Snow conditions Snowmobiling information Snowshoe rental information Snowshoe trail information Specific self-guided hikes/snowshoe walks Specifics on winter activities Tour information Tour information on the website Traffic Weather conditions Where to get wilderness permits Which trailheads were closed

\*total percentages do not equal 100 due to rounding

## Information sources for future visit

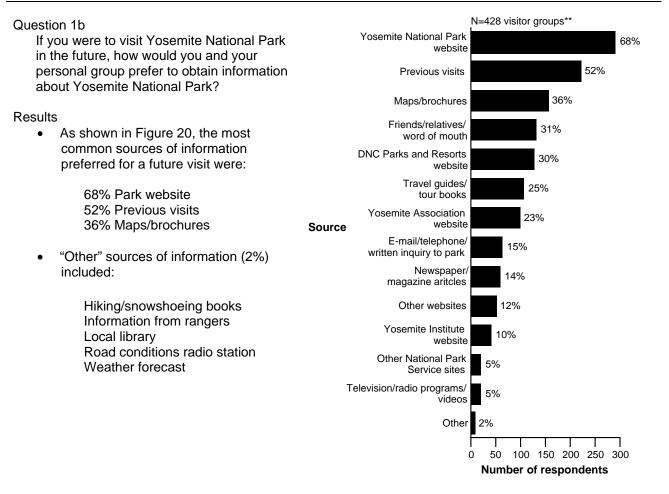


Figure 20: Sources of information preferred for a future visit

# Timing of decision to visit the park

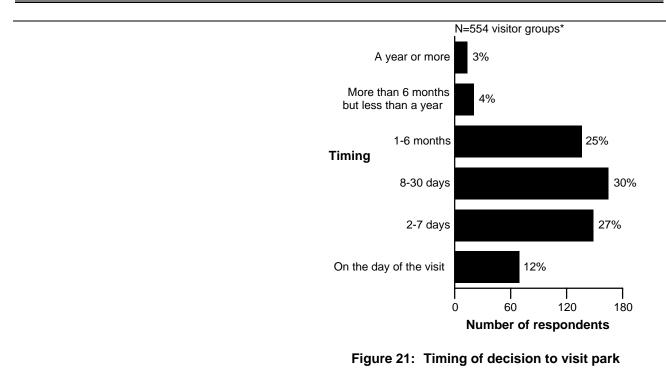
Question 2a

When did you and your group make the decision to visit Yosemite National Park?

#### Results

- 30% of visitor groups made the decision to visit Yosemite National Park 8-30 days before this visit (see Figure 21).
- 27% of visitor groups made the decision 2-7 days before the visit.

\*total percentages do not equal 100 due to rounding



# Factors affecting decision to visit the park

\*total percentages do not equal 100 due to rounding

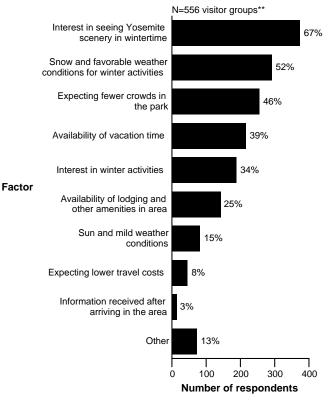
#### Question 2b

Which factors affected you and your group's decision to visit Yosemite National Park on the day that you visited?

#### Results

- As shown in Figure 22, the most common factors included
  - 67% Interest in seeing Yosemite scenery in wintertime52% Snow and favorable weather
  - conditions for winter activities 46% Expecting fewer crowds in the park
- "Other" factors (13%) included:

Ability to drive in the park Anniversary Annual trip Attend a wedding Attend meeting in park Availability of lodging Birthday celebration Business/work trip Cross-country skiing Educational trip Favorite family outing Fit in with other holiday plans Hot buttered rum Ice rink Interest in buying annual pass Local residents Park's proximity Photography Preparing for longer visit in March Proximity to other destinations On organized tour Skiing Badger Pass Special winter rates at hotel "Stay and play" incentives Test new Subaru in winter conditions Timing Visit family Visit private property Wedding planning World class rock climbing Yosemite Institute availability Yosemite is a great place to visit



#### Figure 22: Factors affecting decision to visit park

\*total percentages do not equal 100 due to rounding

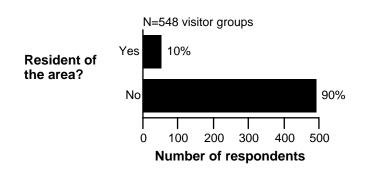
# Primary reason for visiting the area

#### Question 5

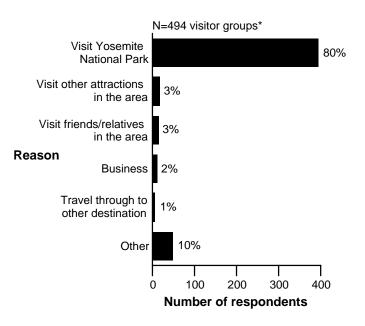
For this trip, what was the primary reason that you and your personal group visited Yosemite National Park area (within 50 miles of any entrance point)?

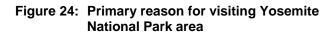
#### Results

- 10% of visitor groups were residents of the area (see Figure 23).
- Figure 24 shows the primary reason for visiting Yosemite National Park area (within 50 miles of any entrance point) among visitor groups who were not residents included:
  - 80% Visit Yosemite National Park 3% Visit other attractions in the area
  - 3% Visit friends/relatives in the area
- "Other" reasons (10%) included:
  - Annual visit Attend a symposium Attend a wedding Bringing friends/relatives Celebrate anniversary Could not get Saturday night in park Cross country skiing Have a meal Home-schooling family members Hot buttered rum Malidoma's visit Meeting attendance Obtain information for future visits Play in snow Skiing/snowboarding Snow and mountains Special offers at lodging Stay at Tenaya Lodge, Fish Camp Taking photographs Uncle ran the hospital 1950-1970 Visit Badger Pass Ski Area Wedding planning Work at our cabin YMCA Adventure Guides winter trip Yosemite Institute program



# Figure 23: Residents of the area (within 50 miles from any entrance point)





\*total percentages do not equal 100 due to rounding

<sup>\*\*</sup>total percentages do not equal 100 because visitors could select more than one answer

# Length of visit in the park

#### Question 3a

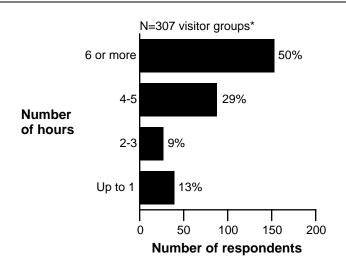
On this visit to Yosemite National Park, how long did you and your personal group spend visiting the park?

#### Results

• The average length of stay for all visitor groups (including hours and days) was 1.3 days.

#### Number of hours if less than 24

- 50% of visitor groups spent six or more hours (see Figure 25).
- 29% spent between four and five hours.



### Figure 25: Number of hours visiting the park

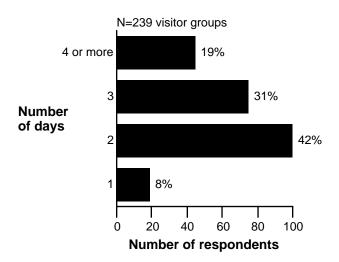


Figure 26: Number of days visiting the park

Number of days if 24 hours or more

- 73% of visitor groups spent two or three days (see Figure 26).
- 31% spent three days.

\*total percentages do not equal 100 due to rounding

# Length of stay in the area

### Question 3b

On this visit to Yosemite National Park, how long did you and your personal group stay in the area (within 50 miles of any entrance point)?

Note: Number of days stayed was only reported for visitors who were not residents of the area.

#### Results

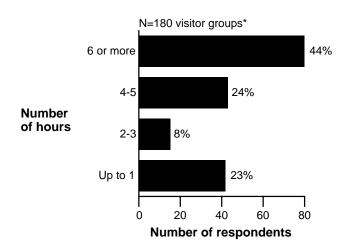
• The average length of stay for all visitor groups (including hours and days) was 1.9 days.

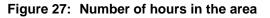
#### Number of hours if less than 24

- 44% of visitor groups spent six or more hours (see Figure 27).
- 24% spent four to five hours.

#### Number of days if 24 hours or more

- Of the visitors who stayed 24 hours or more in the area, 72% spent two or three days (see Figure 28).
- 21% stayed four or more days.





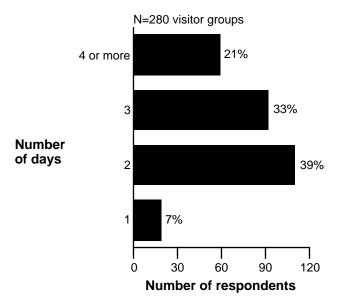


Figure 28: Number of days in the area

\*total percentages do not equal 100 due to rounding

# Activities on this visit

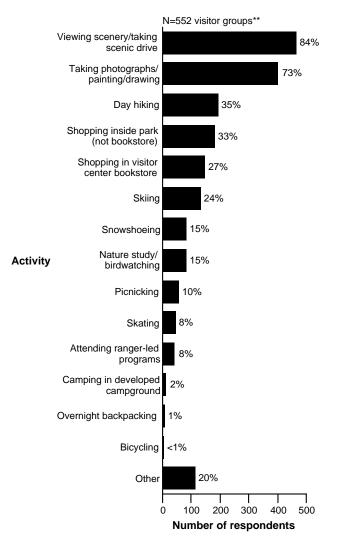
#### Question 9a

On this visit, what activities did you and your personal group participate in while visiting Yosemite National Park?

#### Results

- As shown in Figure 29, the most common activities visitor groups participated in were:
  - 84% Viewing scenery/taking scenic drive
  - 73% Taking photographs, painting, drawing35% Day hiking
- "Other" activities (20%) included:

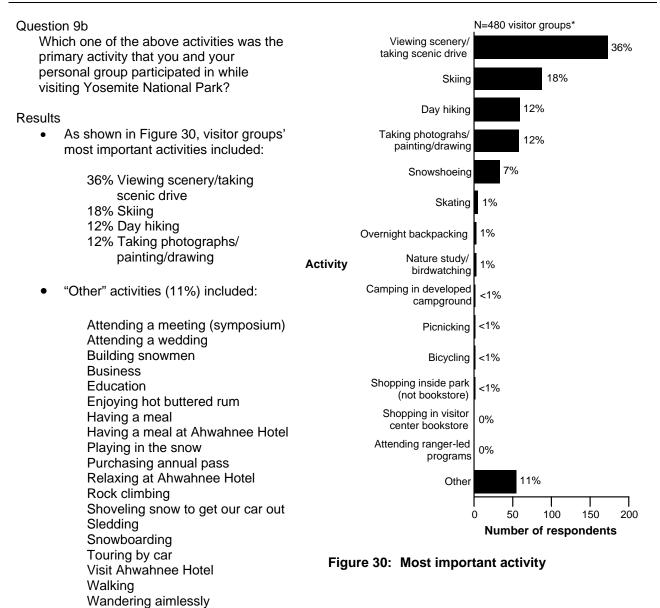
Attending a meeting (symposium) Attending a wedding Building snowmen **Business** Celebrating anniversary Education Enjoying cocktails at Yosemite Lodge Enjoying hot buttered rum Having a meal Instructor-led interpretive hikes Lounging Napping Obtaining skiing information Playing in the snow Purchasing annual pass Relaxing in cabin Rock climbing Shoveling snow to get our car out Sledding Snowboarding Touring by car Tubing Two hour bus tour Visiting a museum Visiting Ahwahnee Hotel Visiting our private property Visiting visitor center Walking Wandering aimlessly Yosemite Institute educational field trip





\*total percentages do not equal 100 due to rounding

# Most important activity



\*total percentages do not equal 100 due to rounding

# Sites visited

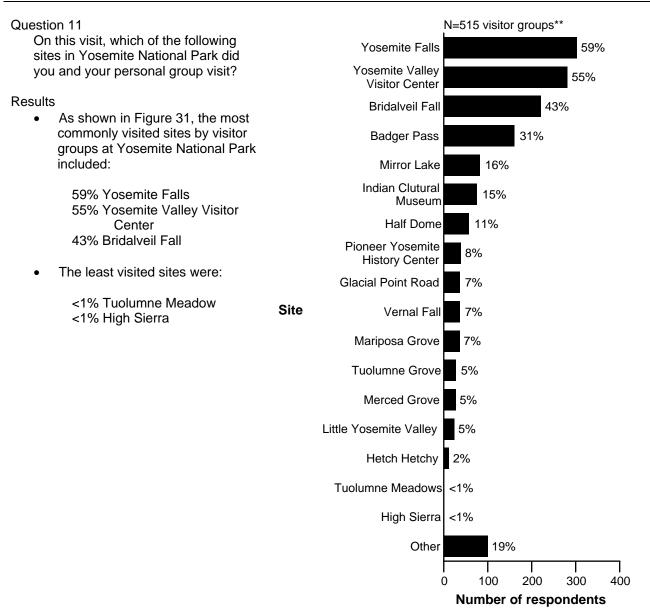


Figure 31: Sites visited

\*total percentages do not equal 100 due to rounding

• "Other" sites that were visited (19%) included:

Ahwahnee Ahwahnee Hotel Ansel Adams Gallery Arch Rock **Base of Glacier Point** Camp Curry Campgrounds in Pines Chapel Clouds Rest **Columbia Point** Cook's Meadow Cookie Cliff Crane Flat Curry Village **Dewey Point** El Capitan El Capitan Meadows Forests and lake Gallery near visitor center Granite monolith Habitat Yosemite Happy Isles Ice skating rink Inspiration Point

Meadows Old Church Bowl Ostrander Hut **Royal Arches** Snow park by 120 Big Oak Flat entrance Sentinel Bridge Store Swinging Bridge The Redwoods in Yosemite **Tunnel View** Valley Floor Views of El Capitan and Half Dome from Hwy. 41 Wawona Wawona golf course Wawona Hotel Wawona Meadow Wawona Tunnel Overlook Wilderness ski trails **Yosemite Chapel** Yosemite Lodge Yosemite Valley **Yosemite Village** 

\*total percentages do not equal 100 due to rounding

# **Overnight accommodations**

### Question 6a

On this trip, did you and your personal group stay overnight away from home in Yosemite National Park or in the area within 50 miles of any entrance point?

## Results

Question 6b

Results

 65% of visitor groups stayed overnight away from home in the area (see Figure 32).

If YES, please list the number of nights you

40% of visitor groups stayed two nights

44% of visitor groups stayed two nights

34% stayed three or more nights.

Number of nights in the area within 50 miles of

in the area (see Figure 34).

32% stayed one night.

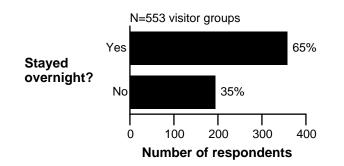
and your personal group stayed inside

Yosemite National Park.

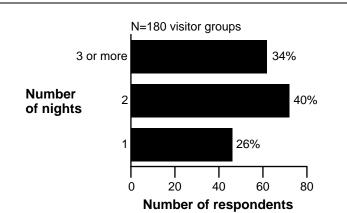
Number of nights inside the park

(see Figure 33).

any entrance point



# Figure 32: Visitor groups who stayed overnight in the area





# Number of nights Number of nights Number of nights Number of respondents

# Figure 34: Number of nights in the area outside the park

\*total percentages do not equal 100 due to rounding

# Type of lodging inside and outside the park

### Question 6c

In what type of lodging did you and your personal group spend the night(s) inside the park?

Results

- 89% of visitor group stayed in a lodge, motel, cabin, rented condo, or bed & breakfast (see Figure 35).
- 4% tent camped in developed campground.
- "Other" types of lodging (2%) included:

Crane Flat Hostel Ostrander hut

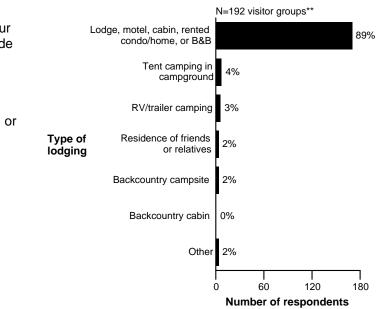


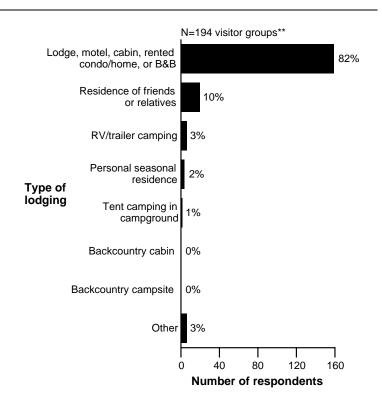
Figure 35: Type of lodging inside the park

**Question 6d** 

In what type of lodging did you and your personal group spend the night(s) in the area outside the park (within 50 miles of any entrance point)?

#### Results

- 82% of visitor groups stayed in a lodge, motel, cabin, rented condo, or bed & breakfast (see Figure 36).
- 10% stayed with friends or relatives
- "Other" types of lodging (3%) included:
  - Our resort Snow cave Time share



# Figure 36: Type of lodging in the area outside the park

\*total percentages do not equal 100 due to rounding

# Places stayed before visit

-

### Question 10a

On this trip, where did you and your personal group stay on the night prior to visiting Yosemite National Park?

#### Results

• Table 5 shows the towns/cities in which visitor groups stayed before visiting Yosemite National Park.

# Table 5: Town/city in which visitor groups stayed before visit

N=544 locations				
Town/oity	Number of times mentioned			
Town/city				
Oakhurst, CA	38			
Fresno, CA	30			
Mariposa, CA	24			
San Francisco, CA	23			
Groveland, CA	20			
San Jose, CA	19			
Fish Camp, CA	18			
El Portal, CA	16			
Coarsegold, CA	15			
Sacramento, CA	15			
Merced, CA	13			
Bass Lake, CA	12			
Modesto, CA	12			
Clovis, CA	10			
Sonora, CA	9			
Livermore, CA	6			
Fremont, CA	5			
Los Angeles, CA	5			
Madera, CA	5			
Santa Rosa, CA	5			
Visalia, CA	5			
Angels Camp, CA	4			
Bakersfield, CA	4			
Berkeley, CA	4			
Oakland, CA	4			
Santa Clara, CA	4			
Stockton, CA	4			
Turlock, CA	4			
Atwater, CA	3			
Catheys Valley, CA	3			
Las Vegas, NV	3			
Midpines, CA	3			
Mountain View, CA	3			
North Fork, CA	3			
Oakdale, CA	3			

\*total percentages do not equal 100 due to rounding

(continued)	
	Number of times
Town/city	mentioned
Orinda, CA	3
San Diego, CA	3
Santa Cruz, CA	3
Sonoma, CA	3
Twain Harte, CA	3
Ventura, CA	3
Ahwahnee, CA	2
Cambria, CA	2
Campbell, CA	2
Carmel Valley, CA	2
Carmichael, CA	2
Dublin, CA	2
Fair Oaks, CA	2
Fairfax, CA	2
Gilroy, CA	2
Hayward, CA	2
Hollister, CA	2
Kensington, CA	2
La Grange, CA	2
Lodi, CA	2
Los Gatos, CA	2
Monterey, CA	2
Pacifica, CA	2
Pinole, CA	2
Pismo Beach, CA	2
Salinas, CA	2
San Carlos, CA	2
San Leandro, CA	2
San Luis Obispo, CA	2
Santa Maria, CA	2
Sunnyvale, CA	2
Tehachapi, CA	2
Tracy, CA	2
Other towns/cities, CA	109
Other towns/cities, NV	2
Other towns/cities, OR	2
Other towns/cities, AK	1
Other towns/cities, BC, Canada	1
Other towns/cities, IL	1
Other towns/cities, MO	1
Other towns/cities, TX	1
	·

Table 5: Town/city in which visitor groups stayed before visit			
(continued)			
Number of times			

\*total percentages do not equal 100 due to rounding \*\*total percentages do not equal 100 because visitors could select more than one answer

# Places stayed after visit

## Question 10b

On this trip, where did you and your personal group stay on the night after visiting Yosemite National Park?

# Results

 Table 6 shows the towns/cities in which visitor groups stayed after visiting Yosemite National Park.

# Table 6: Town/city in which visitor groups stayed after visit N=535 locations

	N=555 100410113	
		Number of times
Town/city		mentioned
San Francisco, CA		33
Oakhurst, CA		28
Fresno, CA		25
San Jose, CA		22
Mariposa, CA		21
Groveland, CA		18
Modesto, CA		14
Coarsegold, CA		13
Bass Lake, CA		12
Fish Camp, CA		11
Clovis, CA		10
Sacramento, CA		10
Merced, CA		9
Santa Rosa, CA		8
Fremont, CA		7
Los Angeles, CA		7
Livermore, CA		6
Sonora, CA		6
Madera, CA		5
Monterey, CA		5
Santa Clara, CA		5
Stockton, CA		5
Visalia, CA		5
Berkeley, CA		4
El Portal, CA		4
Oakland, CA		4
San Diego, CA		4
Santa Maria, CA		4
Atwater, CA		3
Catheys Valley, CA		3
Long Beach, CA		3
Mountain View, CA		3
North Fork, CA		3
Oakdale, CA		3
Santa Cruz, CA		3
Sonoma, CA		3
		3
Tracy, CA Turlock, CA		3
		3
Twain Harte, CA		3
Ventura, CA		3

\*total percentages do not equal 100 due to rounding

	(	Number of times
Town/city		mentioned
Ahwahnee, CA		2
Antioch, CA		2 2
Aptos, CA		2
Auburn, CA		2
Bakersfield, CA		2
Cambria, CA		2
Campbell, CA		2 2
Carmel Valley, CA		
Carmichael, CA		2
Dos Palos, CA		2
Dublin, CA		2
El Segundo, CA		2
Fair Oaks, CA		2
Fairfax, CA		2 2
Gilroy, CA		2
Hayward, CA		2
Hollister, CA		2
Kensington, CA		2
La Grange, CA		2
Lodi, CA		2
Los Banos, CA		2 2 2
Newhall, CA		2
Palo Alto, CA		2
Pinole, CA		2
Reno, NV		2
Richmond, CA		2 2
Salinas, CA		2
San Carlos, CA		2
San Leandro, CA		2
San Luis Obispo, CA		2
Santa Monica, CA		2
South Lake Tahoe, CA		2
Sunnyvale, CA		2
Torrance, CA		2
Other cities/towns, CA		118
Other cities/towns NV		2
Other cities/towns, OR		2
Other cities/towns, AK		1
Other cities/towns, AZ		1
Other cities/towns, MO		1
Other cities/towns, WA		1

# Table 6: Town/city in which visitor groups stayed after visit (continued)

\*total percentages do not equal 100 due to rounding \*\*total percentages do not equal 100 because visitors could select more than one answer

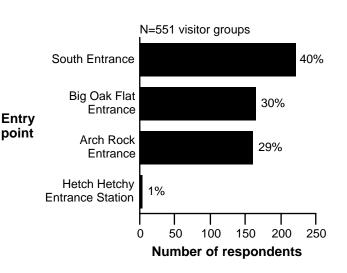
# **Entry point**

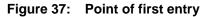
#### Question 4a

On this visit, which entrance point did you and your group use to first enter Yosemite National Park?

#### Results

- 40% of visitor groups first entered the park via the South Entrance (see Figure 37).
- 30% used the Big Oak Flat Entrance.
- 29% used Arch Rock Entrance.





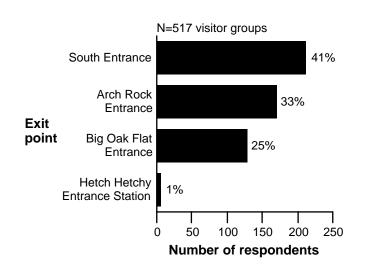
# **Exit point**

#### Question 4b

On this visit, which exit point did you and your group use to last exit Yosemite National Park?

#### Results

- 41% of visitor groups last exited the park via the South Entrance (see Figure 38).
- 33% used the Arch Rock Entrance.





\*total percentages do not equal 100 due to rounding

# Number of park entries

### Question 4c

During your stay in the area (within 50 miles of any entrance point), how many times did you and your personal group enter Yosemite National Park?

Results

- 74% of visitor groups entered the park once (see Figure 39).
- 18% entered the park twice.

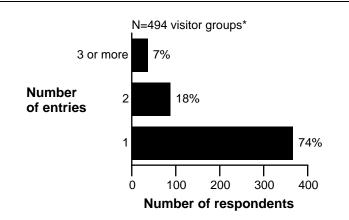
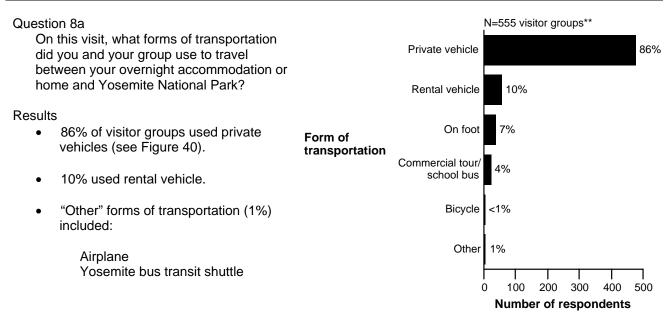
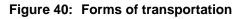


Figure 39: Number of park entries

\*total percentages do not equal 100 due to rounding

# Forms of transportation





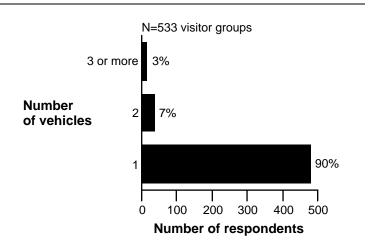
# Number of vehicles

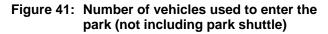
Question 8b

On this visit, how many vehicles did you and your personal group use to arrive at the park (not including park shuttle)?

#### Results

 90% of visitor groups used one vehicle to enter the park (see Figure 41).





\*total percentages do not equal 100 due to rounding

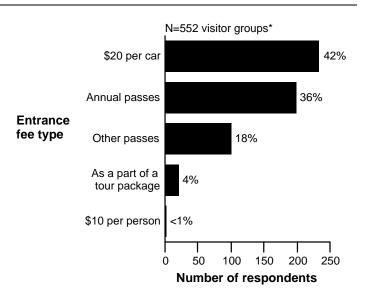
# **Opinions about entrance fees**

#### Question 7a

On this visit, which one of the following entrance fees applied to you and your group?

#### Results

- 42% of visitor groups paid \$20 per car (see Figure 42).
- 36% used annual passes.



# Figure 42: Type of entrance fee paid

Question 7b

On this visit, how would you and your personal group rate the value you received for the entrance fee paid or pass used to enter Yosemite National Park?

#### Results

- 83% of visitor groups rated value for entrance fee paid as "very good" or "good" (see Figure 43).
- 3% rated the quality as "poor" or "very poor."

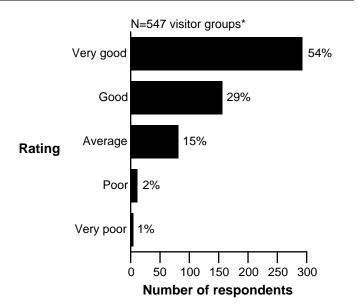


Figure 43: Value for fee paid

\*total percentages do not equal 100 due to rounding

# Ratings of Visitor Services, Facilities, Elements, Attributes and Resources

# Visitor services and facilities used

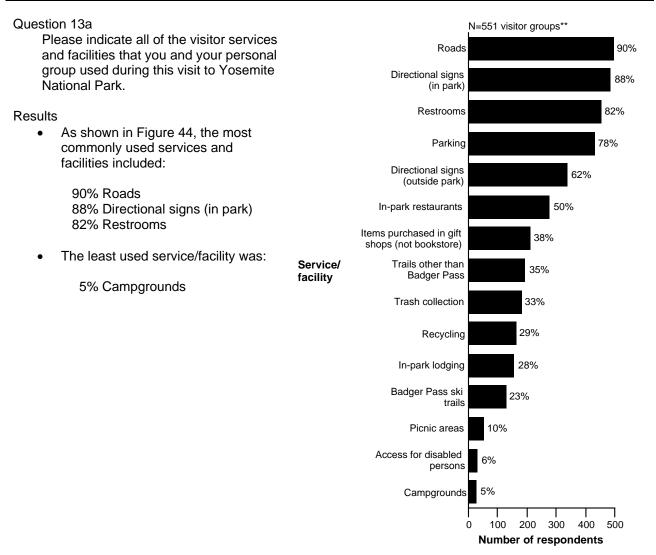


Figure 44: Visitor services and facilities used

\*total percentages do not equal 100 due to rounding

# Importance ratings of visitor services and facilities

#### Question 13b

Next, for only those services and facilities that you or your personal group used, please rate their importance from 1 to 5.

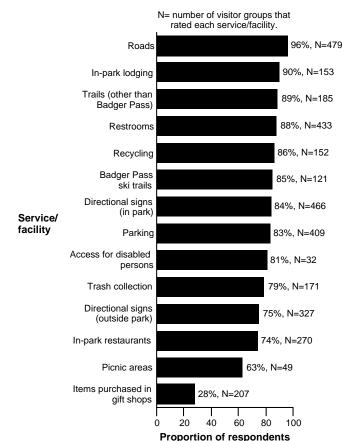
1=Not important 2=Somewhat important 3=Moderately important 4=Very important 5=Extremely important

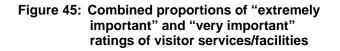
#### Results

- Figure 45 shows the combined proportions of "extremely important" and "very important" ratings for visitor services and facilities that were rated by 30 or more visitor groups.
- The services/facilities receiving the highest combined proportions of "extremely important" and "very important" ratings were:

96% Roads 90% In-park lodging 89% Trails (other than Badger Pass trails)

- Figures 46 to 60 show the importance ratings for each service/facility.
- The services/facilities receiving the highest "not important" rating that were rated by 30 or more visitor groups were:
  - 9% Items purchase in gift shops (other than visitor center bookstore)8% Picnic areas





\*total percentages do not equal 100 due to rounding

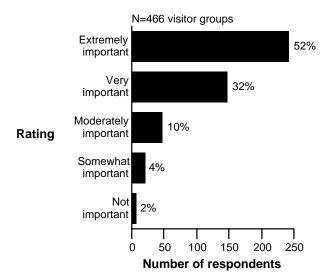
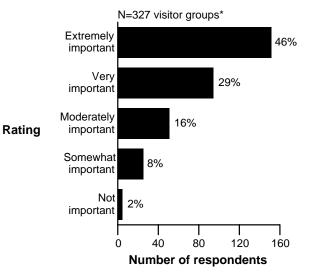
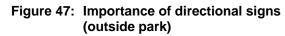
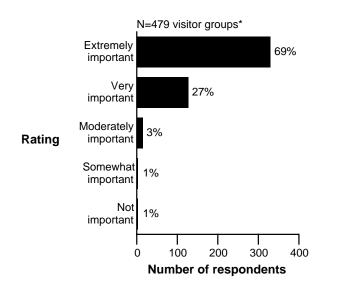


Figure 46: Importance of directional signs

(in park)









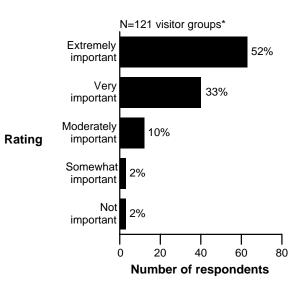
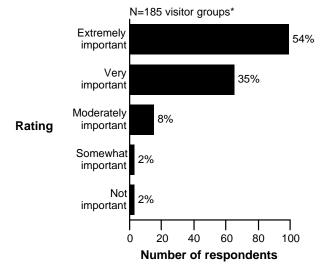
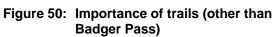
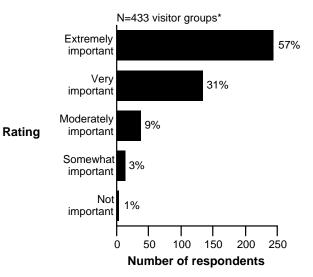


Figure 49: Importance of Badger Pass ski trails

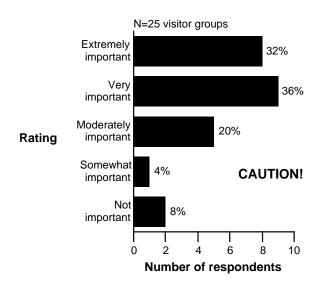
\*total percentages do not equal 100 due to rounding



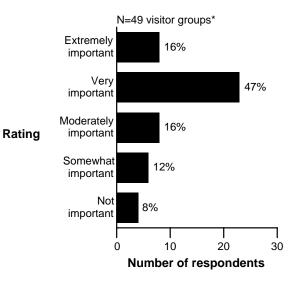


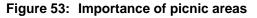


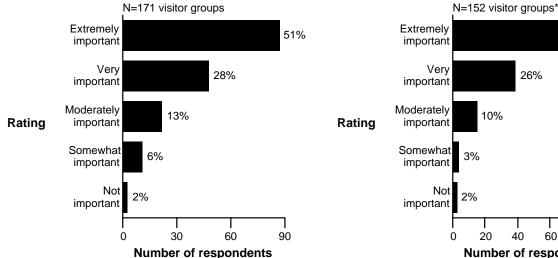




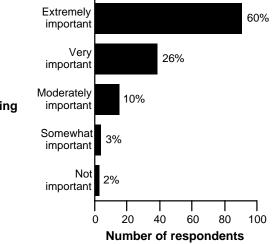




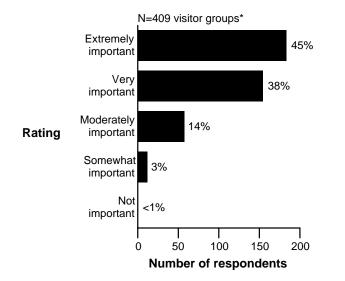














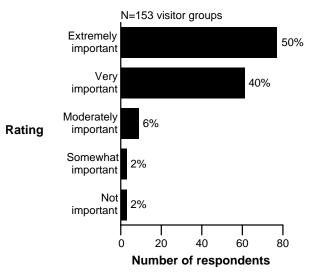
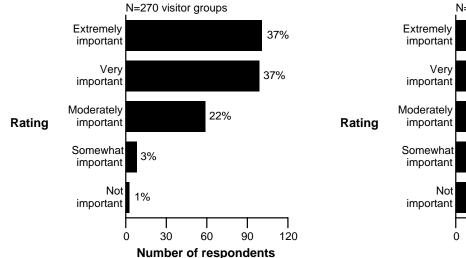
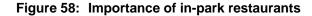
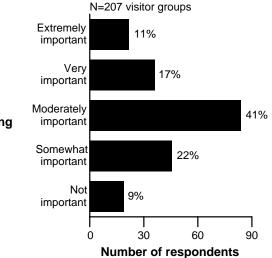
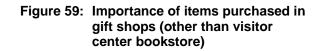


Figure 57: Importance of in-park lodging









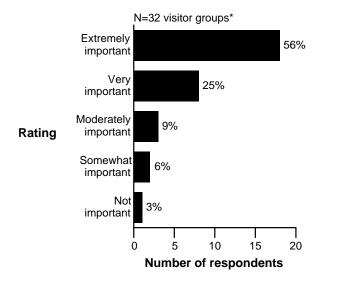


Figure 60: Importance of access for disabled persons

<sup>\*</sup>total percentages do not equal 100 due to rounding

# Quality ratings of visitor services and facilities

### Question 13c

Finally, for only those services and facilities that you or your personal group used, please rate their quality from 1-5.

1=Very poor 2=Poor 3=Average 4=Good 5=Very good

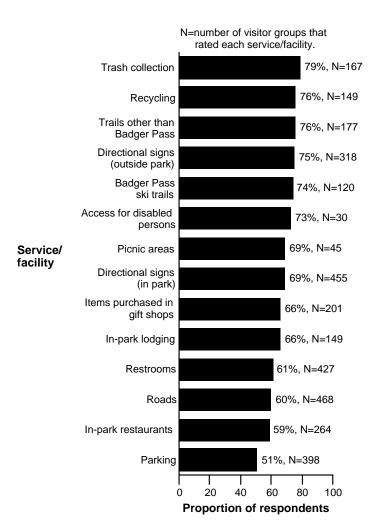
#### Results

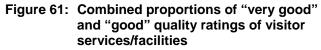
- Figure 61 shows the combined proportions of "very good" and "good" quality ratings for visitor services/facilities that were rated by 30 or more visitor groups.
- The services/facilities that received the highest combined proportions of "very good" and "good" quality ratings were:

79% Trash collection 76% Recycling 76% Trails (other than Badger Pass trails)

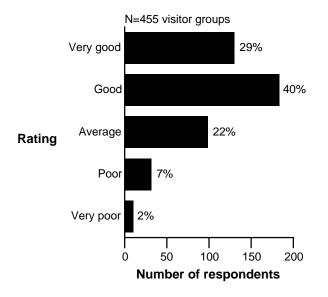
- Figures 62 to 76 show the quality ratings for each service/facility.
- The services/facilities receiving the highest "very poor" quality ratings that were rated by 30 or more visitor groups were:

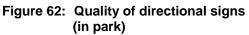
3% Badger Pass ski trails 3% Parking

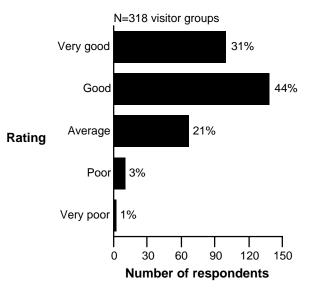


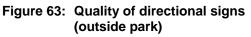


\*total percentages do not equal 100 due to rounding









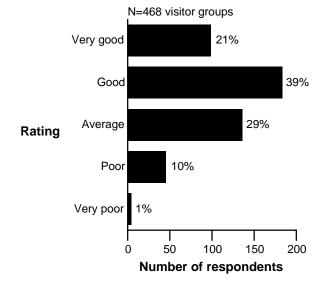
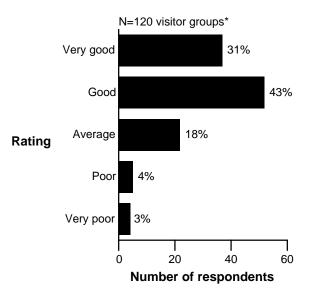
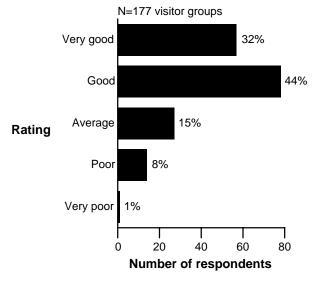
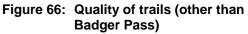


Figure 64: Quality of roads









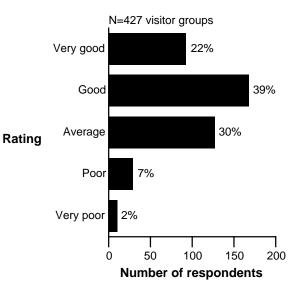
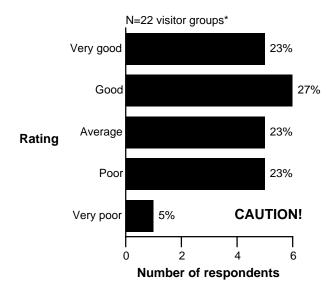
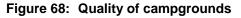
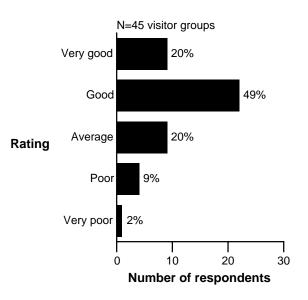
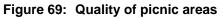


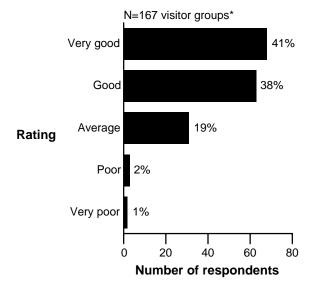
Figure 67: Quality of restrooms

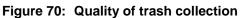


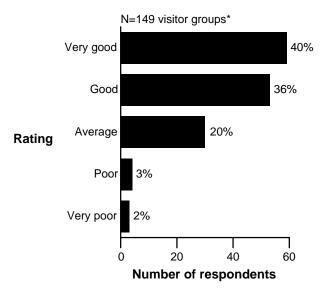














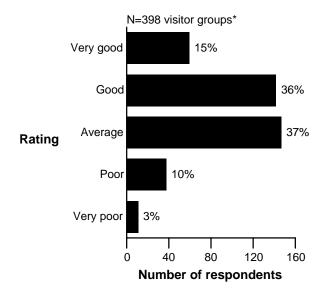
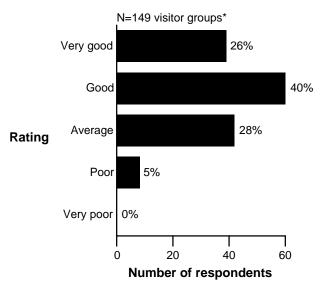
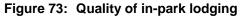
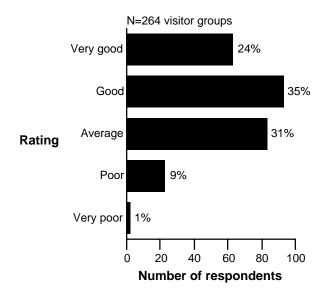
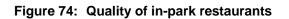


Figure 72: Quality of parking









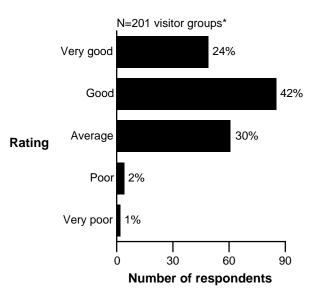
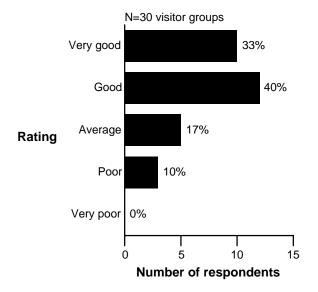
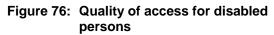


Figure 75: Quality of items purchased in gift shops (other than visitor center bookstore)





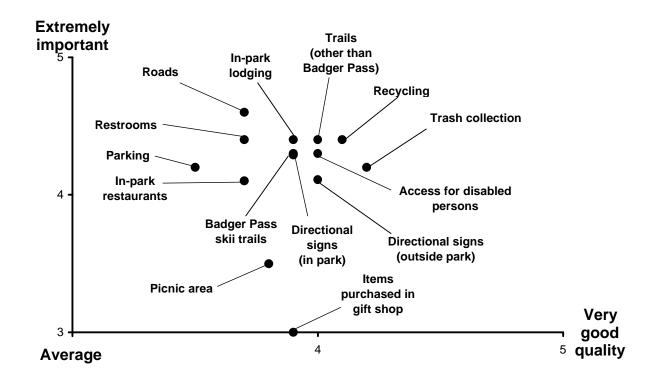
<sup>\*</sup>total percentages do not equal 100 due to rounding

<sup>\*\*</sup>total percentages do not equal 100 because visitors could select more than one answer

# Mean scores of importance and quality ratings for visitor services and facilities

Figures 77 and 78 • Extremely show the mean scores important of importance and 5 quality ratings for all visitor services/facilities that were rated by 30 or 4 more visitor groups. Very Very All visitor services/ . poor aood quality quality 1 2 facilities were rated 5 4 above average except 2 for "items purchased in gift shop" which was rated average in 1 importance. Not important







\*total percentages do not equal 100 due to rounding

# Information services and facilities used

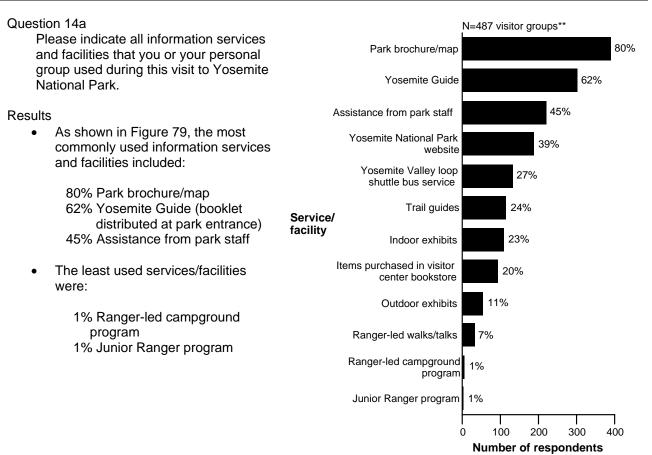


Figure 79: Information services and facilities used

\*total percentages do not equal 100 due to rounding

# Importance ratings of information services and facilities

#### Question 14b

Next, for only those services and facilities that you or your personal group used, please rate their importance from 1-5.

1=Not important 2=Somewhat important 3=Moderately important 4=Very important 5=Extremely important

#### Results

- Figure 80 shows the combined proportions of "extremely important" and "very important" ratings for visitor services and facilities that were rated by 30 or more visitor groups.
- The information services and facilities receiving the highest combined proportions of "extremely important" and "very important" ratings were:

83% Trail guides82% Yosemite Valley loop shuttle bus service81% Yosemite NP website

- Figures 81 to 92 show the importance ratings for each information service and facility.
- The information service/facility receiving the highest "not important" rating that were rated by 30 or more visitor groups was:

7% Items purchased in visitor center bookstore

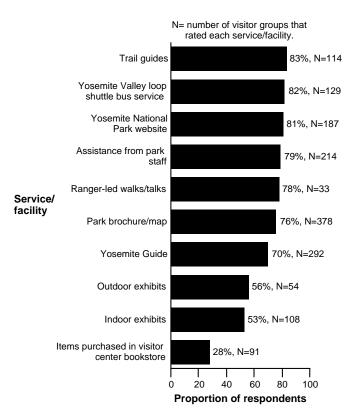
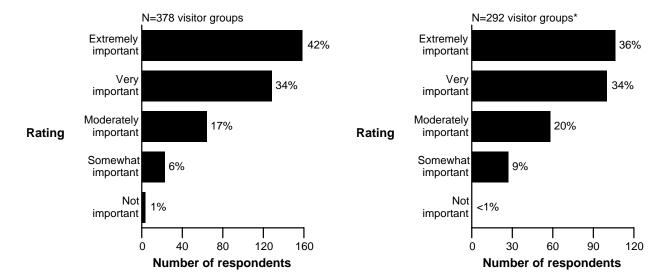
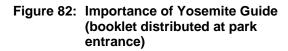


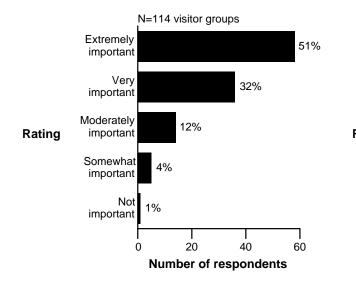
Figure 80: Combined proportions of "extremely important" and "very important" ratings of information services and facilities

\*total percentages do not equal 100 due to rounding











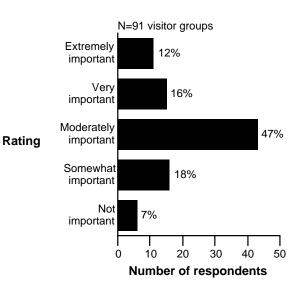
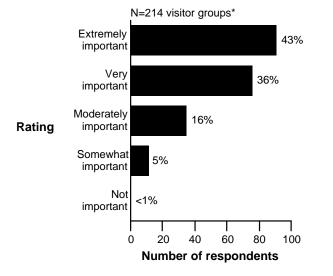
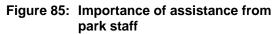


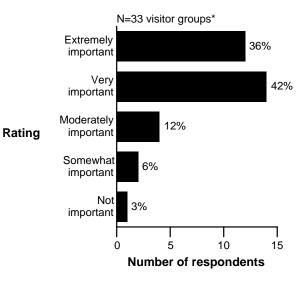
Figure 84: Importance of items purchased in visitor center bookstore (selection, quality, price, etc.)

\*total percentages do not equal 100 due to rounding

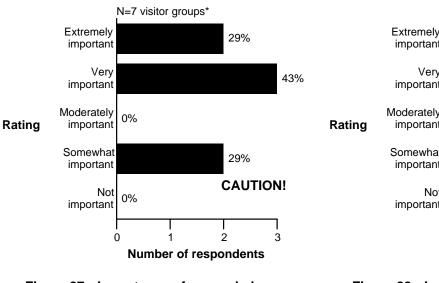
<sup>\*\*</sup>total percentages do not equal 100 because visitors could select more than one answer



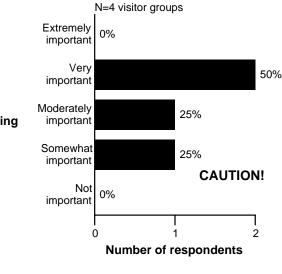


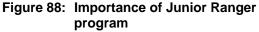


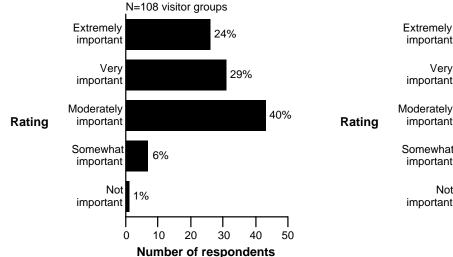




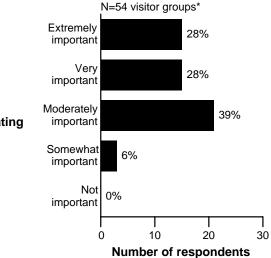




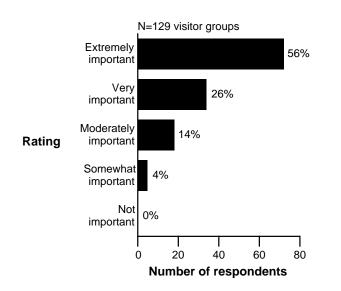


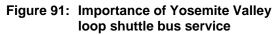


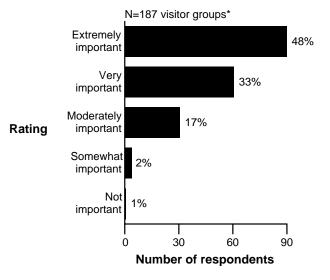


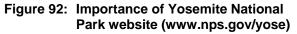












# Quality ratings of information services and facilities

#### Question 14c

2=Poor

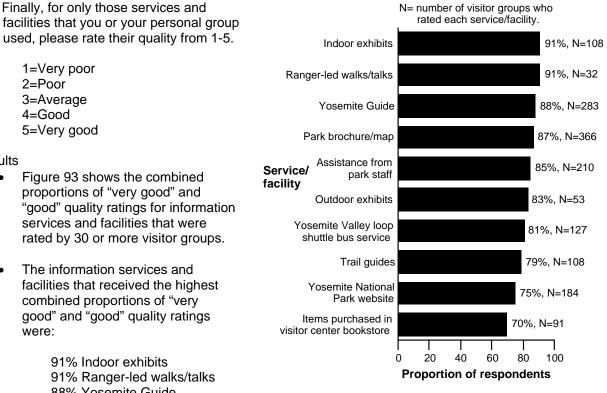
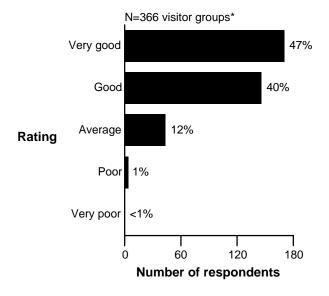


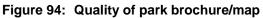
Figure 93: Combined proportions of "very good" and "good" quality ratings of information services/facilities

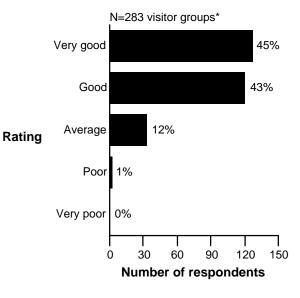
Results Figure 93 shows the combined proportions of "very good" and "good" quality ratings for information services and facilities that were

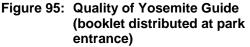
- The information services and facilities that received the highest combined proportions of "very good" and "good" quality ratings were:
  - 91% Indoor exhibits 91% Ranger-led walks/talks 88% Yosemite Guide
- Figures 94 to 105 show the quality ratings for each service/facility.
- The services/facilities receiving the highest "very poor" quality rating that were rated by 30 or more visitor groups were:
  - 1% Yosemite National Park website
  - 1% Trail guides
  - 1% Yosemite Valley loop shuttle bus service

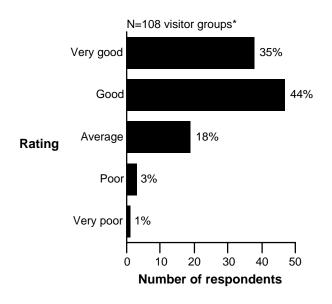
\*total percentages do not equal 100 due to rounding

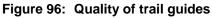












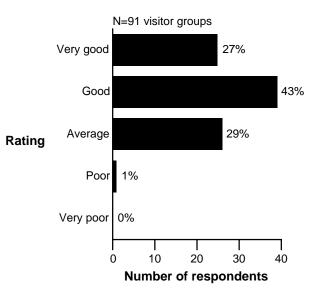
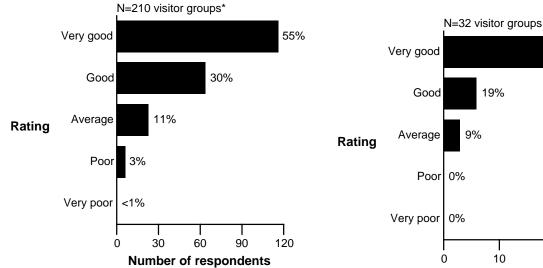
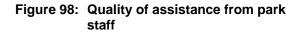
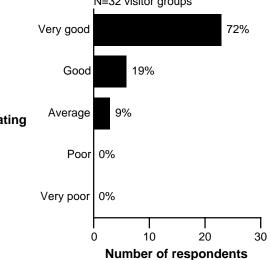


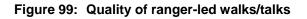
Figure 97: Quality of items purchased in visitor center bookstore (selection, quality, price, etc.)

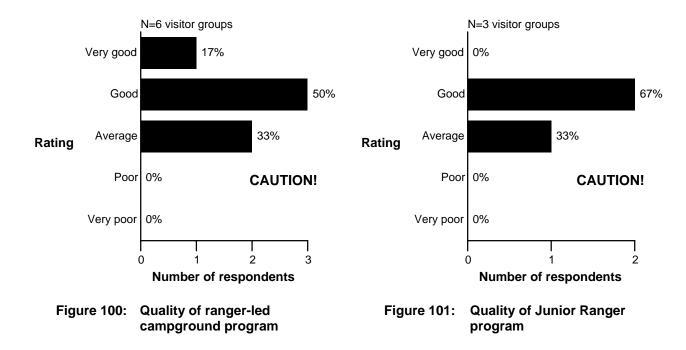
\*total percentages do not equal 100 due to rounding

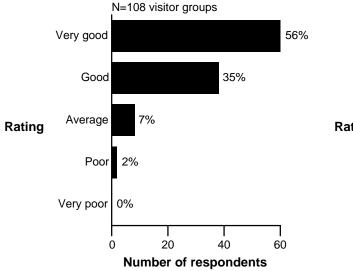


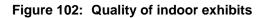


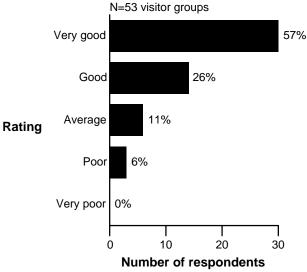


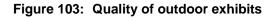


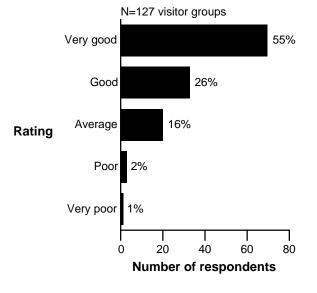


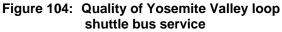


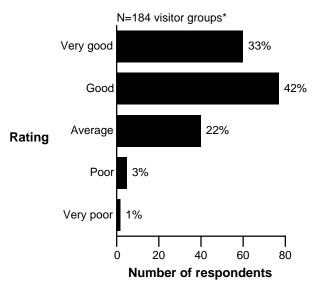


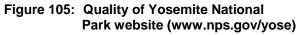






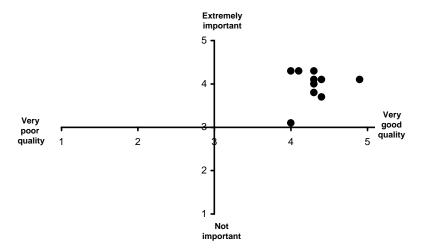




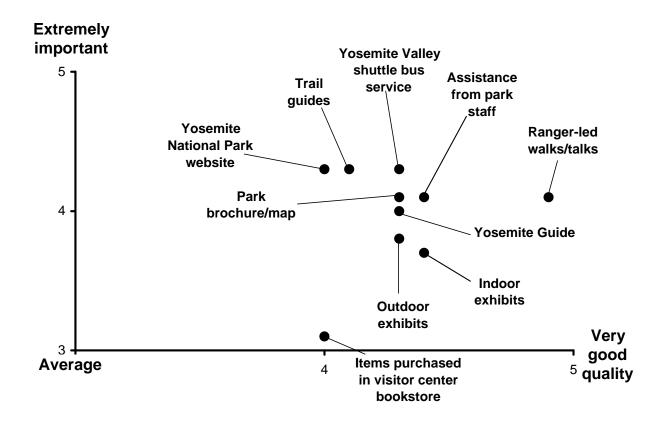


# Mean scores of importance and quality ratings for information services and facilities

- Figures 106 and 107 show the mean scores of importance and quality ratings for all information services and facilities that were rated by 30 or more visitor groups.
- All information services and facilities were rated above average.







#### Figure 107: Detail of Figure 106

\*total percentages do not equal 100 due to rounding

# Additional services/facilities needed

#### Question 15a

Is there any service/facility that you and your personal group needed inside Yosemite National Park, but it was not available?

#### Results

 17% visitor groups reported that there were services/facilities that they needed but were not available (see Figure 108)

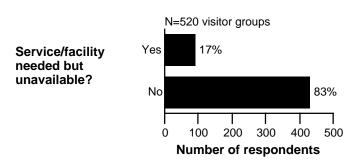


Figure 108: Services/facilities needed but were not available

Question 15b If YES, what is it? (open-ended)

> Access to Le Carte Museum Accessibility of front desk from the rooms Accurate information on the website Accurate information from park staff Additional parking locations Assistance/information on tire chains Badger Ski should not be partly open Better snow removal Better dining options Better handicap tram access Better enforcement of speed limits **Bike lanes** Campgrounds open during weekdays Cell phone coverage Cheap food Continued private vehicle use Cross-country ski rental on weekdays Display reasons for delay at parking lot Display average waiting time at parking Distances on park map/brochure Electricity for camping in winter Exit assistance from Badger Pass ski trail Free winter tent camping Functioning snow plow to open Badger

#### Results

 Services and facilities that visitors needed, but were not available, included:

Gas stations Glacier Point hut Groomed cross country trails Highchairs Hot food between set meal times Ice skating rink Information on road conditions Information on snow chains Lodging options More signs Room availability information at ranger station Tire chains

\*total percentages do not equal 100 due to rounding

# Expenditures

# Total expenditures inside and outside Yosemite National Park

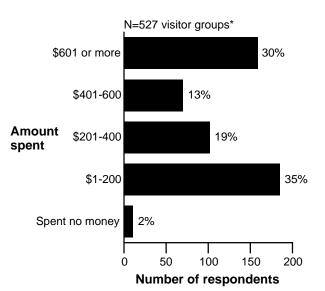
#### Question 24

For you and your personal group, please report all expenditures for the items listed below for this visit to Yosemite National Park and the surrounding area (within 50 miles of any entrance point).

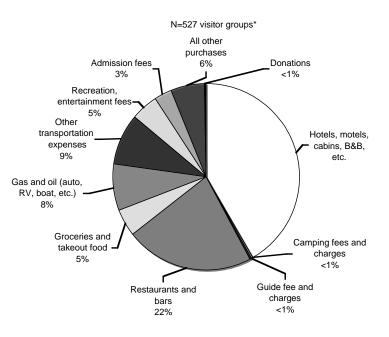
#### Results

- 35% of visitor groups spent \$200 or less (see Figure 109).
- 30% spent \$601 or more.
- The average visitor group expenditure was \$579.
- The median group expenditure (50% of groups spent more and 50% of groups spent less) was \$315.
- Average total expenditure per person (per capita) was \$194.
- As shown in Figure 110, the largest proportions of total expenditures inside and outside the park were:

42% Hotels, motels, cabins, B&B, etc. 22% Restaurants and bars



# Figure 109: Total expenditures inside and outside the park



# Figure 110: Proportions of total expenditures inside and outside the park

\*total percentages do not equal 100 due to rounding

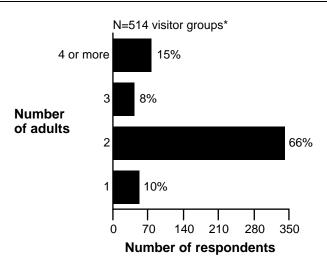
## Number of adults covered by expenditures

#### Question 24c

How many adults (18 years or older) do these expenses cover?

Results

- 66% of visitor groups had two adults covered by expenditures (see Figure 111).
- 23% had three or more adults.
- 10% had one adult.



# Figure 111:Number of adults covered by expenditures

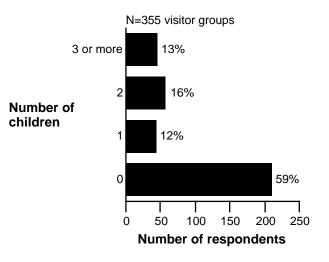
# Number of children covered by expenditures

### Question 24c

How many children (under 18 years) do these expenses cover?

### Results

- •59% of visitor groups did not have any children covered by expenditures (see Figure 112).
- 16% had two children.



# Figure 112:Number of children covered by expenditures

\*total percentages do not equal 100 due to rounding

# Expenditures inside the park

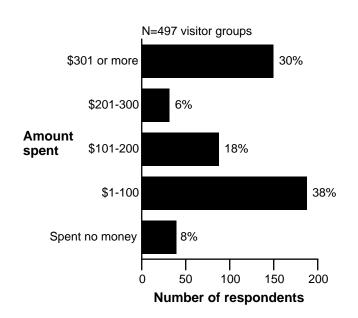
### Question 24a

Please list your personal group's total expenditures inside Yosemite National Park.

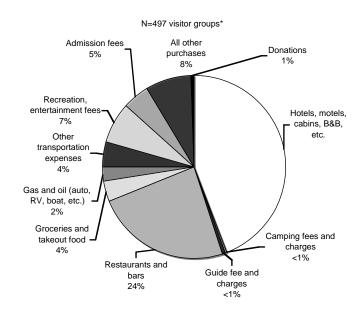
Note: Surrounding area residents should only include expenditures that were just for this visit to Yosemite National Park.

### Results

- 38% of visitor groups spent up to \$100 inside the park (see Figure 113).
- 30% spent \$301 or more.
- The average visitor group expenditure inside the park was \$338.
- The median expenditure (50% of groups spent more and 50% of groups spent less) was \$115.
- Average total expenditure per person (per capita) was \$122.
- As shown in Figure 114, the largest proportions of total expenditures inside the park were:
  - 45% Hotels, motels, cabins, B&B, etc. 24% Restaurants and bars



# Figure 113: Total expenditures inside the park

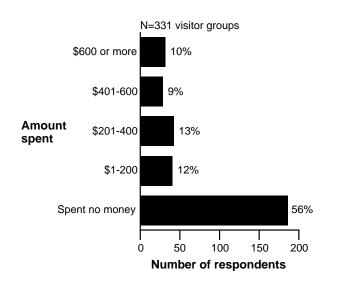


# Figure 114: Proportions of total expenditures inside the park

\*total percentages do not equal 100 due to rounding

Hotels, motels, cabins, B&B, etc.

- 56% of visitor groups did not spend any money on lodging inside the park (see Figure 115).
- 25% spent up to \$400.



# Figure 115: Expenditures for lodging inside the park

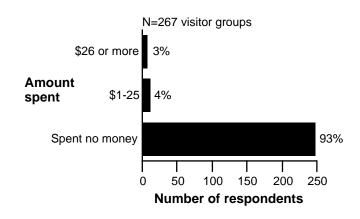
#### Camping fees and charges N=262 visitor groups 92% of visitor groups did not spend \$51 or more 2% • any money on camping inside the park (see Figure 116). Amount \$1-50 6% spent 6% spent up to \$50. 92% Spent no money 1 0 50 100 150 200 250 Number of respondents

Figure 116: Expenditures for camping fees and charges inside the park

\*total percentages do not equal 100 due to rounding

### Guide fees and charges

- 93% of visitor groups did not spend any money on guide fees and charges inside the park (see Figure 116).
- 4% spent up to \$25.



# Figure 117: Expenditures for guide fees and charges inside the park

#### Restaurants and bars N=415 visitor groups 13% \$201 or more 45% of visitor groups spent up to • \$100 on restaurants and bars inside the park (see Figure 118). \$101-200 12% Amount • 30% did not spend any money. spent \$1-100 45% Spent no money 30% Τ L

Figure 118: Expenditures for restaurants and bars inside the park

50

100

Number of respondents

150

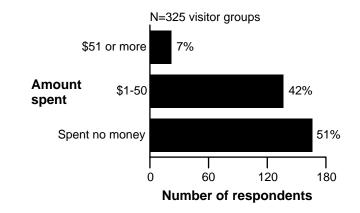
200

0

\*total percentages do not equal 100 due to rounding

### Groceries and takeout food

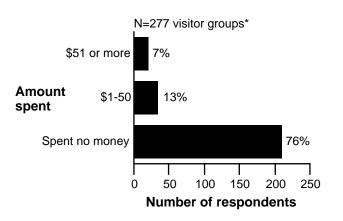
- 51% of visitor groups did not spend any money on groceries and takeout food inside the park (see Figure 119).
- 42% spent up to \$50.



# Figure 119: Expenditures for groceries and takeout food inside the park

Gas and oil (auto, RV, Boat, etc.)

- 76% of visitor groups did not spend any money on gas and oil inside the park (see Figure 120).
- 13% spent up to \$50.



# Figure 120: Expenditures for gas and oil inside the park

\*total percentages do not equal 100 due to rounding

Other transportation expenses (rental cars, taxis, auto repairs, but NOT airfare)

- 95% of visitor groups did not spend any money on other transportation expenses inside the park (see Figure 121).
- 3% spent up to \$100.

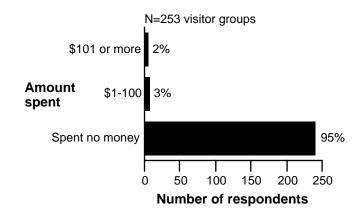


Figure 121: Expenditures for other transportation inside the park

### Admission fees

- 49% of visitor groups spent up to \$25 on admission fees inside the park (see Figure 122).
- 31% did not spend any money.

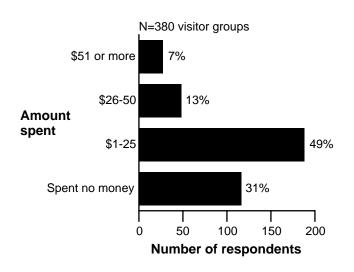


Figure 122: Expenditures for admission fees inside the park

\*total percentages do not equal 100 due to rounding

Recreation, entertainment fees (including ski equipment rental)

- 67% of visitor groups did not spend any money on recreation, entertainment fees inside the park (see Figure 123).
- 21% spent up to \$100.

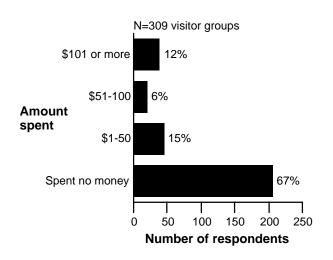


Figure 123: Expenditures for recreation, entertainment fees inside the park

<u>All other purchases</u> (souvenirs, film, books, sporting goods, clothing, etc.)

- 40% of visitor groups did not spend any money on other purchases inside the park (see Figure 124).
- 38% spent up to \$50.

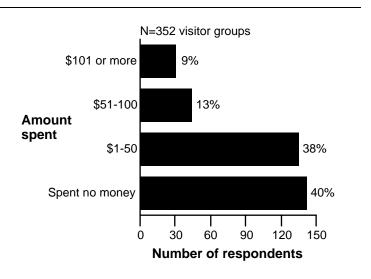


Figure 124: Expenditures for all other purchases inside the park

\*total percentages do not equal 100 due to rounding

### **Donations**

- 88% of visitor groups did not donate any money inside the park (see Figure 125).
- 10% donated \$1 to \$25.

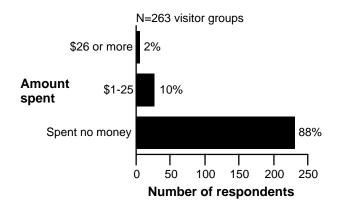


Figure 125: Expenditures for donations inside the park

\*total percentages do not equal 100 due to rounding

# Expenditures outside the park

#### Question 24b

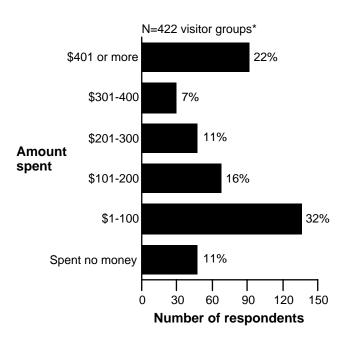
Please list your group's total expenditures outside the park (within 50 miles).

Note: Surrounding area residents should only include expenditures that were just for this trip to Yosemite National Park.

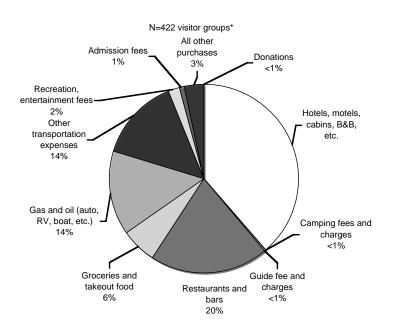
### Results

- 32% of visitor groups spent up to \$100 (see Figure 126).
- 22% spent over \$400.
- 11% spent no money outside the park.
- The average visitor group expenditure outside the park was \$325.
- The median expenditure (50% of groups spent more and 50% of groups spent less) was \$145.
- Average total expenditure per person (per capita) was \$121.
- As shown in Figure 127, the largest proportions of total expenditures outside the park were:

38% Hotels, motels, cabins, B&B, etc.20% Restaurants and bars



### Figure 126: Total expenditures outside the park

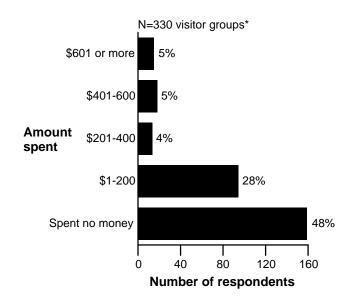


# Figure 127: Proportions of total expenditures outside the park

\*total percentages do not equal 100 due to rounding

Hotels, motels, cabins, B&B etc.

- 48% of visitor groups did not spend any money on lodging outside the park (see Figure 128).
- 28% spent up to \$200.



### Figure 128: Expenditures for lodging outside the park

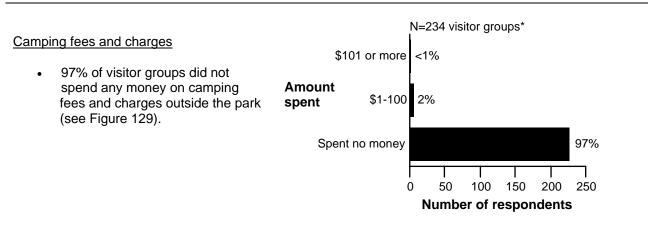


Figure 129: Expenditures for camping fees and charges outside the park

\*total percentages do not equal 100 due to rounding

#### Guide fees and charges N=231 visitor groups 99% of visitor groups did not \$1 or more 1% • Amount spend any money on guide fees spent and charges outside the park (see 99% Spent no money Figure 130). 0 50 100 150 200 250 Number of respondents

Figure 130: Expenditures for guide fees and charges outside the park

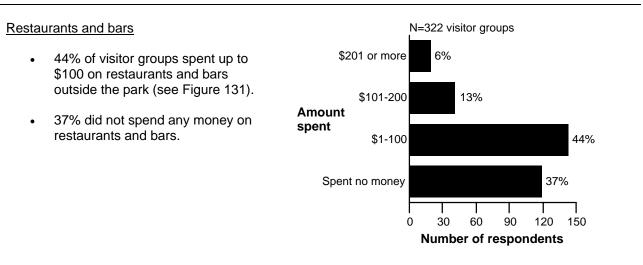
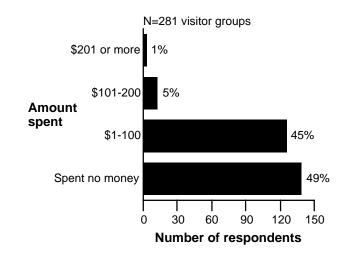


Figure 131: Expenditures for restaurants and bars outside the park

\*total percentages do not equal 100 due to rounding

### Groceries and takeout food

- 49% of visitor groups did not spend any money on groceries and takeout food outside the park (see Figure 132).
- 45% spent \$1 to \$100.



# Figure 132: Expenditures for groceries and takeout food outside the park

Gas and oil (auto, RV, boat, etc.)

- 40% of visitor groups spent up to \$50 on gas and oil outside the park (see Figure 133).
- 22% spent no money

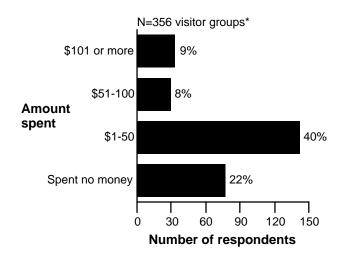
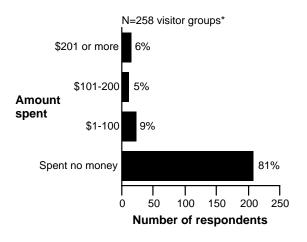


Figure 133: Expenditures for gas and oil outside the park

\*total percentages do not equal 100 due to rounding

<u>Other transportation expenses</u> (rental cars, taxis, auto repairs, but NOT airfare)

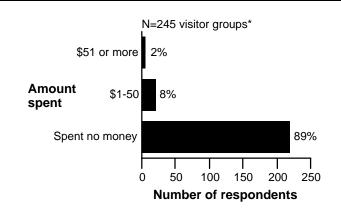
- 81% of visitor groups spent no money on other transportation expenses outside the park (see Figure 134).
- 9% spent up to \$100.



# Figure 134: Expenditures for other transportation expenses outside the park

## Admission fees

- 89% of visitor groups did not spend any money on admission fees outside the park (see Figure 135).
- 8% spent up to \$50.



# Figure 135: Expenditures for admission fees outside the park

#### Recreation, entertainment fees (including ski N=250 visitor groups\* equipment rental) \$51 or more 7% 86% of visitor groups did not spend any money on recreation, Amount 8% \$1-50 entertainment fees outside the park spent (see Figure 136). Spent no money 86% 8% spent up to \$50. 50 150 200 250 0 100 Number of respondents

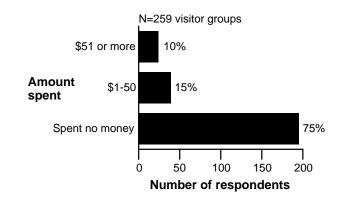
Figure 136: Expenditures for other recreation, entertainment fees outside the park

\*total percentages do not equal 100 due to rounding

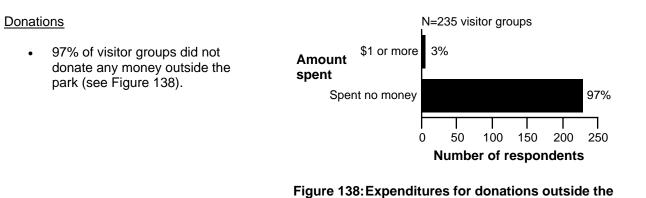
<sup>\*\*</sup>total percentages do not equal 100 because visitors could select more than one answer

<u>All other purchases (</u>souvenirs, books, sporting goods, clothing, etc.)

- 75% of visitor groups did not spend any money on other purchases outside the park (see Figure 135).
- 15% spent up to \$50.



# Figure 137: Expenditures for all other purchases outside the park



Park

\*total percentages do not equal 100 due to rounding

# Preferences for future visit

# Preferred interpretive programs/information services

### **Question 25**

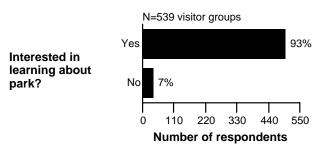
If you were to visit Yosemite National Park in the future, how would you and your personal group prefer to learn about the cultural and natural history/features of Yosemite NP?

### Results

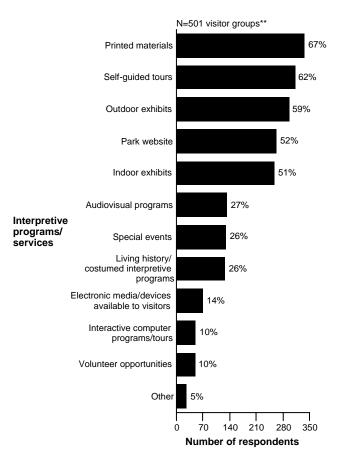
- 93% of visitor groups were interested in learning about the park on a future visit (see Figure 139).
- As shown in Figure 140, the most preferred methods for learning about the park on a future visit were:

67% Printed materials 62% Self-guided tours 59% Outdoor exhibits

- Other methods (5%) included:
  - Ranger-led tours Ranger-led hikes/walks Ranger-led talks/programs Information via e-mail Camping CD for car available at gate entrance Hands-on interactions Lectures Press releases to websites Publications on local papers Special speakers TV shows Valley View Tours Web search (Google)



# Figure 139: Interest in learning about park on future visit

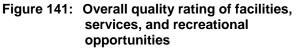


### Figure 140: Preferred interpretive programs/ information services

\*total percentages do not equal 100 due to rounding

# **Overall Quality**

Question 23 N=552 visitor groups\* Overall, how would you and your group rate the quality of the visitor Very good 41% facilities, services, and recreational opportunities provided to you and your Good 44% personal group at Yosemite National Park during this visit? 13% Average Rating Results • 85% of visitor groups rated the Poor 1% overall quality of facilities, services, and recreational opportunities as "very good" or "good" (see Very poor <1% Figure 141). Т T T Less than 2% rated the quality as • 0 50 100 150 200 250 "very poor" or "poor." Number of respondents



\*total percentages do not equal 100 due to rounding

# **Visitor Comments**

# Planning for the future

Question 26

If you were a manager planning for the future of Yosemite National Park, what would you propose?

### Results

- 58% of visitor groups (N=326) responded to this question.
- Table 7 shows a summary of visitor comments. A complete copy of hand-written comments is included in the Visitor Comments Appendix.

# Table 7: Planning for the future

N=572 comments;

some visitor groups made more than one comment.

Comment	Number of times mentioned
PERSONNEL	
Provide more rangers	5
Other comments	3
INTERPRETIVE SERVICES	
Promote education in park	5
Provide more information on weather	4
Give ranger-led programs	3
Provide more information on American Indian history	3 3 2 2 2
Post more signs	2
Show a movie about park	2
Update information on daily activities on website	
Other comments	46
FACILITIES/MAINTENANCE	
Create parking areas at entrances - use shuttles in park	15
Repair/maintain the roads in the park	11
Improve snow removal	7
Create more campgrounds	6
Expand campgrounds	5
Have more restrooms	5
Restore and reopen camping facilities	5
Build better roads	4
Have less road construction	4
Add more pull-offs/turnouts	3
Improve parking	3
Improve trail maintenance	3
Increase parking lot size	3 3 3 3 2
Add more guard rails	2

(continued)	
Comment	Number of times mentioned
FACILITIES/MAINTENANCE (continued)	
Create more snow play areas	2
Have cell phone signs available	2
Improve restrooms	2
Install some phone booths/emergency telephones	2
Remove vegetation to facilitate viewing	2
Restore Hetchy-Hetch	2
Other comments	60
POLICIES/MANAGEMENT	
Limit private vehicle use	28
Provide shuttle services	20
Limit visitor numbers	15
Limit development in the park	12
Ban car use inside the park	8
Charge higher entrance fees	7
Lower the cost of lodging	6
Do not limit vehicle use	5
Allow dogs in trails	4
Allow less tour buses in the park	3
Ban smoking	3
Do not increase the fees	3
Encourage biking in the park	3
Ban RV access	2
Charge lower entrance fees	2
Charge lower fee to low emissions cars	2
Do not allow cell phone use	2 2
Facilitate camping reservations	2
Give big fines for littering	2
Promote green transportation Provide first-come/first-served accommodation system	2
Other comments	51
Other comments	51
CONCESSION SERVICES	_
Open more restaurants inside the park	7
Improve food quality	6
Improve lodging	5
Increase lodging	4
Improve Badger Pass facilities Other comments	3 5
	5

# Table 7: Planning for the future

(continued)	
Comment	Number of times mentioned
RESOURCE MANAGEMENT	
Keep it natural/wild	10
Preserve natural habitat	4
Encourage recycling	3
Other comments	6
GENERAL COMMENTS	
Keep it as it is	11
Have visiting system by appointments during peak periods	7
Keep up the good job	6
Encourage hiking in the park	5
Reduce the human impact on the environment	3
Create more winter programs/activities	2
Promote outdoor activities	2
Provide more eating/dining choices	2
Other comments	56

# Table 7: Planning for the future (continued)

# **Additional comments**

### Question 27

Is there anything else you and your personal group would like to tell us about your visit to Yosemite National Park?

### Results

- 52% of visitor groups (N=293) responded to this question.
- Table 8 shows a summary of visitor comments. A complete copy of hand-written comments is included in the Visitor Comments Appendix.

## Table 8: Additional comments

N=524 comments;

some visitor groups made more than one comment.

Comment	Number of times mentioned
PERSONNEL Staff was friendly Staff was helpful Personnel was great Other comments	8 6 5 17
INTERPRETIVE SERVICES Maps are terrible (park maps, trail maps) Need more signs at ski and snowshoe trails Other comments	2 2 21
FACILITIES/MAINTANANCE Roads/paths need to be cleaned of snow Roads/paths were clear of snow Well maintained Bike paths/lanes would be a good addition Clean park Facilities were great Good roads Need more restrooms Parking was difficult because of snow Too many work areas in the streets Other comments	6 5 3 2 2 2 2 2 2 2 2 2 2 45
POLICIES/MANAGEMENT Good job protecting/preserving the park Keep protecting the park Not crowded in winter Do not restrict use Horse patrol was effective Keep it as it is Other comments Park fees are good Park is overdeveloped/commercialized Park visit should be free Other comments	8 6 5 2 2 2 2 2 2 2 2 2 2 2 3

Table 8: Additional comments	
(continued)	

Comment	Number of times mentioned
RESOURCE MANAGEMENT	
Saw wildlife	3
Other comments	2
CONCESSION SERVICES	
Park lodging is expensive	5
Lodge front desk under-staffed/long wait	3
Offer environmental/sustainable products	2
Other comments	14
	50
Enjoyed visit	53
Beautiful park	48
Love it	27
Will return	19
Thank you	16
Beautiful scenery	9
Enjoyed the snow/winter play	8
Other comments	7
Regular visitor	7
It is a serene place	6
Keep up the good work	6
Enjoyed skiing	5
Local resident	5
Snow interfered with park visit/experience	5
Badger Pass road was closed although we were	3
informed it was open Like to bring family/friends	3
Visit was too short	3
Always excellent except in peak summer months	2
Beautiful day	2
Beautiful day/weather	2
It is a national treasure	2
Spent a lot of time waiting	2
Survey was too long	2
Other comments	63

# APPENDICES

# Appendix 1: Comparative demographics, 2008 Winter, 2005 Summer

# Visitor group size

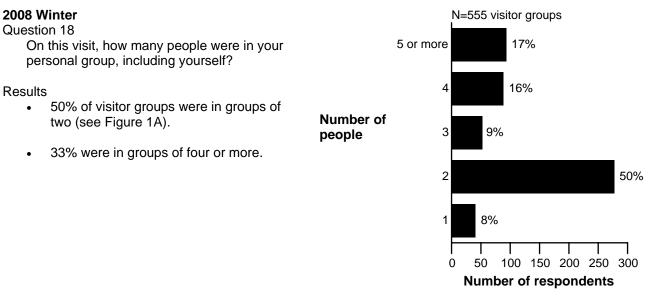
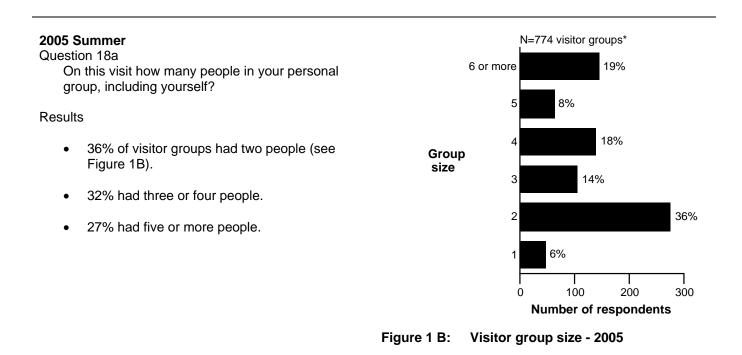


Figure 1 A: Visitor group size - 2008



# Visitor group type

## 2008 Winter

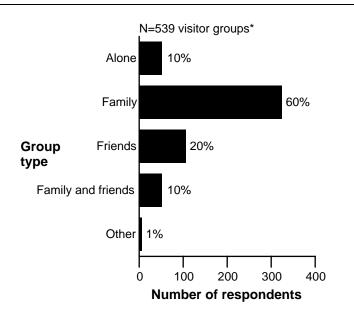
Question 17

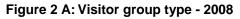
On this visit, what kind of personal group (not guided tour/school/other organized group) were you with?

### Results

- 60% of visitor groups were made up of family members (see Figure 2A).
- 20% were with friends.
- "Other" groups (1%) included:

Club Mountain Area Ski School



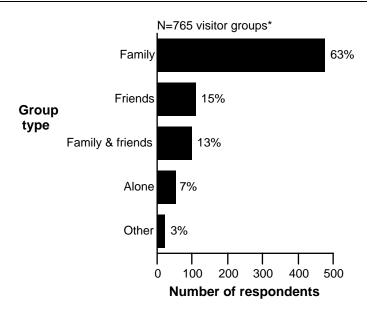


# 2005 Summer

Question 17 What kind of personal group (not tour/school/business group) were you with?

### Results

- 63% of visitor groups were made up of family members (see Figure 2B).
- 15% were with friends.
- 13% were with family & friends.
- "Other" (3%) groups included:
  - Wedding party International visitors





# Visitors with organized groups

# 2008 Winter

# Question 16a

On this visit, were you and your personal group part of a commercial guided tour group?

### Results

• 3% of visitor groups were part of a commercial guided tour group (see Figure 3A).

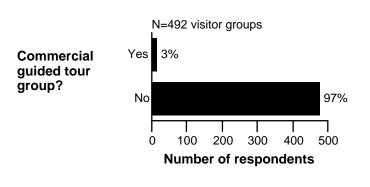


Figure 3 A: Visitors with a commercial guided tour group - 2008

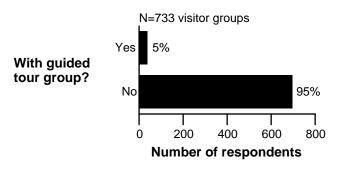
## 2005 Summer

Question 16a

On this visit, were you and your personal group part of a guided tour group?

### Results

• 5% of visitor groups were traveling with a guided tour group (see Figure 3B).





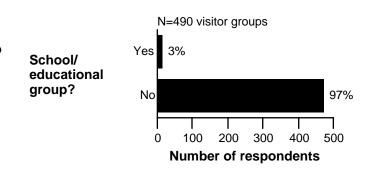
### 2008 Winter

### Question 16b

On this visit, were you and your personal group part of a school/educational group (school, etc.)?

### Results

• 3% of visitor groups were part of a school/educational group, etc. (see Figure 4A).



# Figure 4 A: Visitors with a school/educational group - 2008

# 2005 Summer

Question 16b

On this visit, were you and your personal group part of a school/educational group (school, etc.)?

### Results

• 1% of visitor groups were traveling with a school/educational group (see Figure 4B).

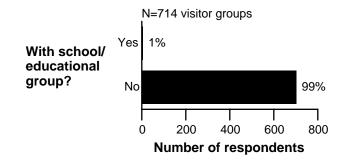


Figure 4 B: Visitors traveling with a school/ educational group - 2005

### 2008 Winter

### Question 16c

On this visit, were you and your personal group part of a wedding/reunion group?

### Results

• 3% of visitor groups were part of a wedding/reunion group (see Figure 5A).

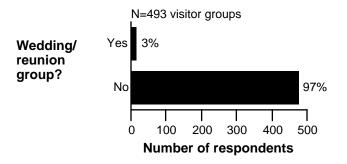


Figure 5 A: Visitors with a wedding/reunion group - 2008

# 2005 Summer

Question 16c

Were you with a wedding reunion group?

Results

• 4% of visitor groups were traveling with a wedding/reunion group (see Figure 5B).

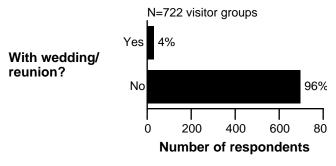
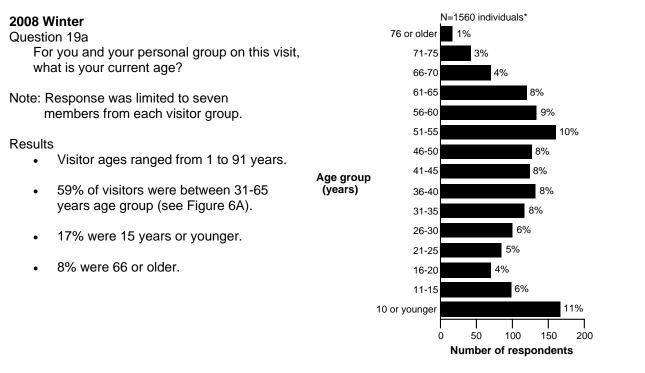


Figure 5 B: Visitors traveling with a wedding/ reunion group - 2005

# Visitor age





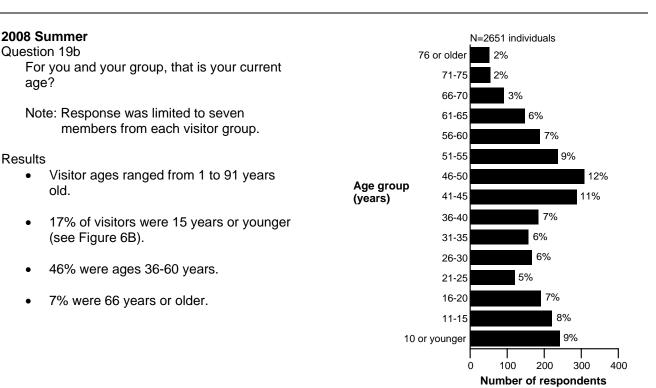


Figure 6 B: Visitor age - 2005

For you and your personal group

# United States visitors by state of residence – 2008 Winter

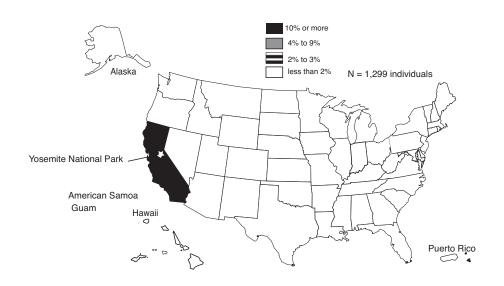
## Question 19b

# Table 1A: United States visitors by state of residence 2008 Winter\*

on this visit what is your state of residence?		Number	Percent of U.S. visitors	Percent of total visitors
Note: Response was limited to seven	State	of visitors	N=1,299 individuals	N=1,430 individuals
members from each visitor	Sidle	VI3IL013	individuals	Individuals
group.	California Washington	1153	89	81
-	Washington	14	1	1
Results	Nevada	9	1	1
<ul> <li>U.S. visitors were from 33</li> </ul>	Oregon	9	1	1
states and comprised 91%	Florida	8	1	1
of total visitation to the park	New York	8	1	1
during the survey period.	Kentucky	7	1	<1
during the survey period.	Texas	7	1	<1
89% of U.S. visitors came	Utah	7	1	<1
from California (see Table	24 other states	77	6	5

• Smaller proportions of U.S. visitors came from 32 other states.

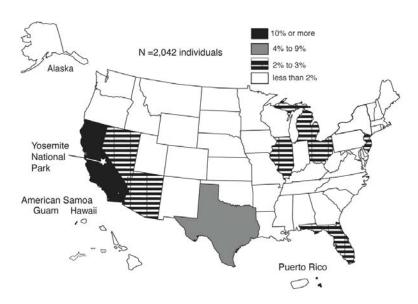
1A and Map 1A).



### Map 1A: Proportions of United States visitors by state of residence – 2008 WInter

Question 19c For you and your group, what is	Table 1B: United States visitors by state of residence 2005 Summer*				
your state of residence? Note: Response was limited to seven members from	State	Number of visitors	Percent of U.S. visitors N=2,042 individuals	Percent of total visitors N=2,487 individuals	
each visitor group. Results	California Texas Florida	1,409 72 46	69 4	57 3 2	
<ul> <li>U.S. visitors comprised 82% of visitors to park (see Table 1B and Map 1B).</li> </ul>	Arizona Michigan Nevada	34 32 32	2 2 2 2 2 2	1 1 1	
69% of U.S. visitors came from California.	New Jersey Ohio Illinois	32 31 25	2 2 1	1 1 1	
• 4% came from Texas.	New York Pennsylvania Oregon	24 23 22	1 1 1	1 1 1	
<ul> <li>Smaller proportions came from 39 other states, Washington, D.C., and Puerto Rico.</li> </ul>	Indiana Kansas Massachusetts Washington	21 20 15 15	1 1 1	1 1 1	
Pueno Rico.	Alabama Maryland Oklahoma	14 14 14	1 1 1	1 1 1	
	Colorado 21 other states, Washington, D.C. and Puerto Rico	12 135	1 7	<1 5	

# United States visitors by state of residence – 2005 Summer



Map 1B: Proportions of United States visitors by state of residence – 2005 Summer

# International visitors by country of residence – 2008 Winter

Question 19b For you and your personal group on this visit, what is your country of	Table 2A: International visitors by country of residence2008 Winter *			
residence?			Percent of international	Percent of
Note: Response was limited to seven		Number	visitors	total visitors
members from each visitor group.	0	of	N=131	N=1,430
	Country	visitors	individuals	individuals
Results	Germany	12	9	1
<ul> <li>International visitors were from</li> </ul>	Korea	12	9	1
24 countries and comprised 9%	Taiwan	12	9	1
of total visitation to the park	United Kingdom	12	9	1
during the survey period (see	Canada	11	8	1
Table 2A).	Netherlands	9	7	1
	Australia	7	5	<1
<ul> <li>International visitors came from</li> </ul>	Japan	6	5	<1
Germany, Korea, Taiwan, and	South Korea	6	5	<1
United Kingdom (9% each).	Argentina	5	4	<1
	Hong Kong	5	4	<1
<ul> <li>Smaller portions came from 20</li> </ul>	Thailand	5	4	<1
other countries.	China	4	3	<1
	Mexico	4	3	<1
	Brazil	3	2	<1
	Denmark	3	2	<1
	France	3	2	<1
	Columbia	2	2	<1
	India	2	2	<1
	Portugal	2	2	<1
	Romania	2	2	<1
	Singapore	2	2	<1
	Israel	1	1	<1
	Lithuania	1	1	<1

	u and your personal group,	Table 2B: International visitors by country of residence2005 Summer*			
what is resider	s your country of nce?			Percent of international visitors	Percent of total visitors
	Response is limited to		Number	N=445	N=2,487
-	seven members from	Country	of visitors	individuals	individuals
e	each visitor group.		101	23	4
Desults		England France	49	23 11	4
Results		Holland	42	9	2
	shown in Table 2B,	Japan	37	8	1
	ernational visitors	Germany	33	7	1
	mprised 18% of the total	Australia	17	4	1
VIS	sitation to Yosemite NP.	Spain	17	4	1
		Ireland	16	4	1
	% of international visitors	Mexico	15	3	1
cai	me from England.	Switzerland	14	3	1
		Canada	12	3	<1
• 11	% came from France.	Denmark	12	3	<1
		North Ireland	7	2	<1
• 9%	6 came from Holland.	New Zealand	6	1	<1
		Brazil	5	1	<1
• 8%	6 came from Japan.	Finland	5	1	<1
		Hong Kong	5	1	<1
• Sm	naller proportions came	Italy	5	1	<1
	m 33 other countries.	Sweden Taiwan	5	1	<1 <1
		India	5 4	1	<1
		Singapore	4	1	<1
		Argentina	3	1	<1
		Belgium	3	1	<1
		Guatemala	3	1	<1
		Korea	3 3	1	<1
		Poland	3	1	<1
		South Africa	3	1	<1
		9 other countries	11	2	<1

# International visitors by country of residence – 2005 Summer

# Number of visits to the park

# 2008 Winter

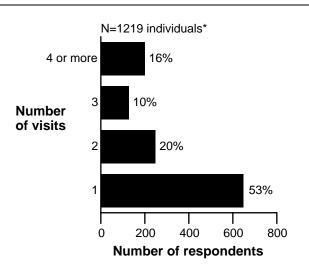
## Question 19c

For you and your personal group on this visit, how many times have you visited Yosemite National Park in the past 12 months (including this visit)?

Note: Response was limited to seven members from each visitor group.

### Results

- 53% of visitors visited the park once in the past 12 months (see Figure 7A).
- 26% visited three or more times.





# 2005 Summer

Question 19d

For you and your group, please list the number of visits made to the park in the past 12 months (including this visit).

Note: Response was limited to seven members from each visitor group.

### Results

- 81% of the visitors had visited once during the past 12 months (see Figure 7B).
- 12% had visited twice during the past 12 months.

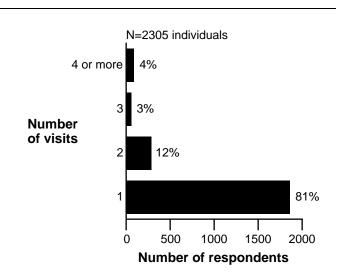


Figure 7 B: Number of visits to the park in past 12 months - 2005

### 2008 Winter

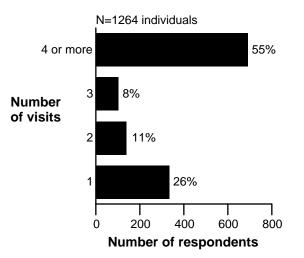
### Question 19d

For you and your personal group on this visit, how many times have you visited Yosemite National Park in your lifetime (including this visit)?

Note: Response was limited to seven members from each visitor group.

### Results

- 55% of visitors visited the park four or more times or more in their lifetime (see Figure 8A).
- 26% visited the park once in their lifetime.



# Figure 8 A: Number of visits to park in lifetime - 2008

# 2005 Summer

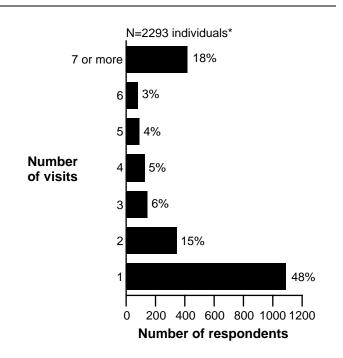
### Question 19e

For you and your group, please list the number of visits made to the park in your lifetime (including this visit)?

Note: Response is limited to seven members from each visitor group.

### Results

- 48% of visitors visited the park for the first time in their lifetime (see Figure 8B).
- 30% visited the park four or more times in their lifetime.
- 21% visited the park two or three times.



# Figure 8 B: Number of visits to the park in visitor lifetime - 2005

# Visitor ethnicity

# 2008 Winter

Question 21a Are you or members of your group Hispanic or Latino?

Note: Response was limited to seven members from each visitor group.

## Results

• 16% of visitors were of Hispanic/Latino ethnicity (see Figure 9A).

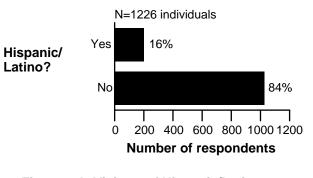


Figure 9 A: Visitors of Hispanic/Latino ethnicity - 2008

# 2005 Summer

Question 20a

For you only, are you Hispanic or Latino?

### Results

• 8% of respondents were of Hispanic or Latino ethnicity (see Figure 9B).

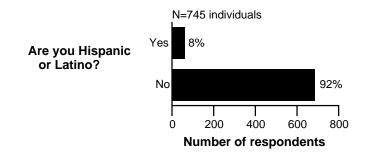
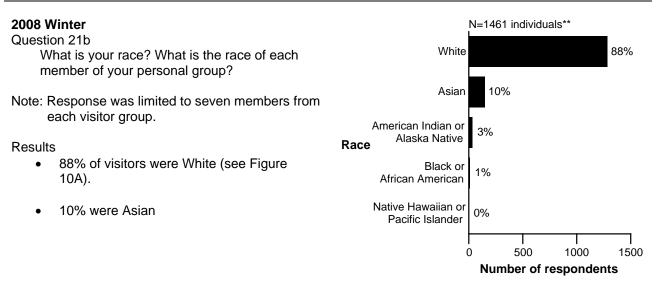


Figure 9 B: Respondent ethnicity - 2005

# **Visitor race**





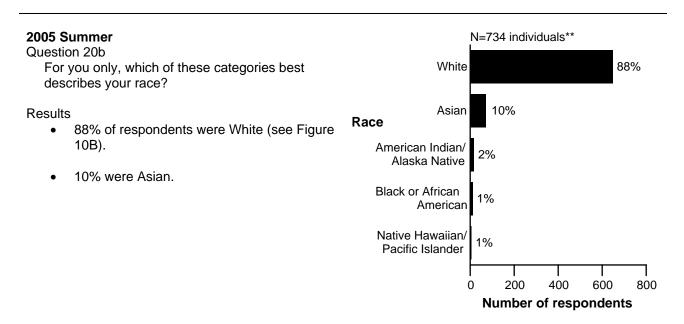


Figure 10 B: Respondent race - 2005

# Asian ethnic groups

# 2008 Winter

### Question 22

If you or your personal group members are of Asian race, which of the following categories best describe your race?

### Results

- Among visitors who were of Asian race, 39% were of Chinese ethnicity (see Figure 11A).
- 21% were Japanese.

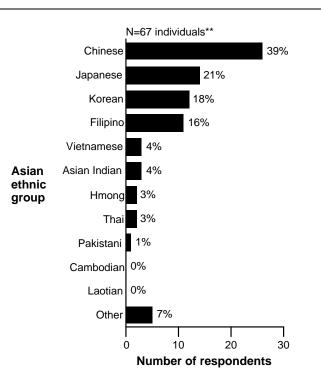


Figure 11 A: Asian ethnic groups - 2008

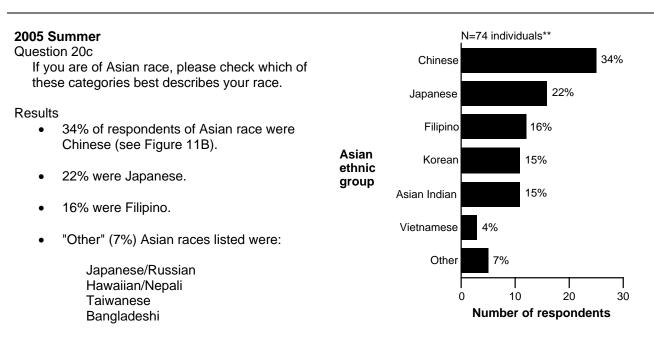


Figure 11 B: Asian ethnic groups - 2005

# Visitors with physical conditions/impairments

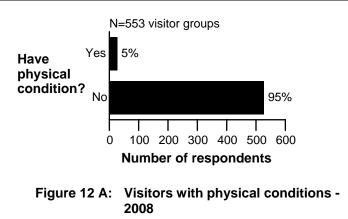
# 2008 Winter

### Question 20a

Does anyone in your personal group have a physical condition that made it difficult to access or participate in park activities or services?

### Results

• 5% of visitor groups had members with physical conditions that made it difficult to participate in/access services (see Figure 12A).



#### 2005 Summer N=767 visitor groups Question 23a 10% On this visit, did anyone in your group have Yes Any group member any disabilities/impairments that limited their have disability/ ability to visit/enjoy Yosemite NP? impairment? No 90% Results Т Т • 10% of visitor groups had members with 0 200 400 600 800 disabilities or impairments that affected Number of respondents their park experience (see Figure 12B).



# Appendix 2: The Questionnaire

# English and Spanish

# **Appendix 3: Additional Analysis**

The Visitor Services Project (VSP) offers the opportunity to learn more from VSP visitor study data. Additional analysis can be done using the park's VSP visitor study data that was collected and entered into the computer. Two-way and three-way cross tabulations can be made of any of the characteristics listed below. Be as specific as possible—you may select a single program/service/facility instead of all that were listed in the questionnaire. Include your name, address and phone number in the request.

- Sources of information used prior to visit
- Sources of information
   preferred for future visits
- Receive needed information?
- Timing of decision to visit park
- Factors affecting decision to visit
- Length of stay in park (hours/days)
- Length of stay in area (hours/days)
- Entrance point
- Exit point
- Number of entries
- Primary reason for visit to park area
- Stay overnight away from home?
- Number of nights inside park
- Number of nights in area
- Type of lodging inside park
- Type of lodging outside park
- Type of entrance fee paid
- Rating of entrance fee value
- Forms of transportation used
- Number of vehicles

- Activities during this visit
- Primary activity
- Sites visited
- Visitor services/facilities used
- Importance of visitor services/ facilities
- Quality of visitor services
   /facilities
- Information services/facilities used
- Importance of information services/ facilities
- Quality of information services
   /facilities
- Services/facilities needed but
   not available
- With commercial guided tour group?
- With school/educational group?
- With wedding/reunion group?
- With other organized group
- Group type
- Group size

- Visitor age
- State of residence
- Country of residence
- Number of visits, past 12 months
- Number of lifetime visits
- Group member with physical condition making access/ participation difficult?
- Visitor ethnicity
- Visitor race
- Visitors of Middle Eastern/Arab ancestry
- Visitors of Asian race
- Overall quality
- Expenditures inside park
- Expenditures outside park (area)
- Number of adults/children
   included in expenditures
- Preferred interpretive programs/services on future visit

For more information please contact: Visitor Services Project, PSU College of Natural Resources P.O. Box 441139 University of Idaho Moscow, ID 83844-1139 Phone: 208-885-7863 Fax: 208-885-4261 Email: littlej@uidaho.edu Website: http://www.psu.uidaho.edu

# Appendix 4: Decision Rules for Checking Non-response Bias

There are several methods for checking non-response bias. However, the most common way is to use some demographic indicators to compare between respondents and non-respondents (Dey 1997; Salant and Dillman 1994; Dillman, 2007; Stoop 2004). In this study, group type, group size and age of the group member (at least 16 years old) completing the survey were three variables that were used to check for non-response bias.

Two independent-sample T-tests were used to test the differences between respondents and nonrespondents. The p-values represent the significance levels of these tests. If p-value is greater than 0.05, the two groups are judged to be insignificantly different.

Therefore, the hypotheses for checking non-response bias are:

- 1. Average age of respondents average age of non-respondents = 0
- 2. Average group size of respondents average group size of non-respondents = 0

As shown in Table 2, the p-values for respondent/non-respondent group size and average age were less than 0.05, indicating insignificant differences between respondents and non-respondents. Thus, non-response bias for group size is judged to be significant. Information about visitor demographics need to be interpreted with caution.

### References

- Filion F. L. (Winter 1975-Winter 1976) Estimating Bias due to Non-response in Mail Surveys. *Public Opinion Quarterly*, Vol 39 (4): 482-492.
- Dey, É.L. (1997) Working with Low Survey Response Rates: The Efficacy of Weighting Adjustment. *Research in Higher Education*, 38(2): 215-227.
- Dillman D. A. (2007) *Mail and Internet Surveys: The Tailored Design Method, Updated version with New Internet, Visual, and Mixed-Mode Guide,* 2<sup>nd</sup> Edition, New York: John Wiley and Sons, Inc.
- Dillman D. A. and Carley-Baxter L. R. (2000) *Structural determinants of survey response rate over a 12-year period*, 1988-1999, Proceedings of the section on survey research methods, 394-399, American Statistical Association, Washington, D.C.
- Goudy, W. J. (1976) Non-response Effect on Relationships Between Variables. *Public Opinion Quarterly*. Vol 40 (3): 360-369.
- Mayer C. S. and Pratt Jr. R. W. (Winter 1966-Winter 1967) A Note on Non-response in a Mail Survey. *Public Opinion Quarterly*. Vol 30 (4): 637-646.

Salant, P. and Dillman, D. A. (1994) *How to Conduct Your Own Survey*. U.S.: John Wiley and Sons, Inc. Stoop, I. A. L. (2004) Surveying Non-respondents. Field Methods, 16 (1): 23.

# **Appendix 5: Visitor Services Project Publications**

All VSP reports are available on the Park Studies Unit website at www.psu.uidaho.edu.vsp.reports.htm. All studies were conducted in summer unless otherwise noted.

## 1982

1. Mapping interpretive services: A pilot study at Grand Teton National Park.

## 1983

- 2. Mapping interpretive services: Identifying barriers to adoption and diffusion of the method.
- 3. Mapping interpretive services: A follow-up study at Yellowstone National Park and Mt Rushmore National Memorial.
- 4. Mapping visitor populations: A pilot study at Yellowstone National Park.

## 1985

- 5. North Cascades National Park Service Complex
- 6. Crater Lake National Park

## 1986

- 7. Gettysburg National Military Park
- 8. Independence National Historical Park
- 9. Valley Forge National Historical Park

# 1987

- 10. Colonial National Historical Park (summer & fall)
- 11. Grand Teton National Park
- 12. Harpers Ferry National Historical Park
- 13. Mesa Verde National Park
- 14. Shenandoah National Park (summer & fall)
- 15. Yellowstone National Park
- 16. Independence National Historical Park: Four Seasons Study

# 1988

- 17. Glen Canyon National Recreational Area
- 18. Denali National Park and Preserve
- 19. Bryce Canyon National Park
- 20. Craters of the Moon National Monument

# 1989

- 21. Everglades National Park (winter)
- 22. Statue of Liberty National Monument
- 23. The White House Tours, President's Park

# 1989 (continued)

- 24. Lincoln Home National Historic Site
- 25. Yellowstone National Park
- 26. Delaware Water Gap National Recreation Area
- 27. Muir Woods National Monument

## 1990

- 28. Canyonlands National Park (spring)
- 29. White Sands National Monument
- 30. National Monuments & Memorials, Washington, D.C.
- 31. Kenai Fjords National Park
- 32. Gateway National Recreation Area
- 33. Petersburg National Battlefield
- 34. Death Valley National Monument
- 35. Glacier National Park
- 36. Scott's Bluff National Monument
- 37. John Day Fossil Beds National Monument

# 1991

- 38. Jean Lafitte National Historical Park (spring)
- 39. Joshua Tree National Monument (spring)
- 40. The White House Tours, President's Park (spring)
- 41. Natchez Trace Parkway (spring)
- 42. Stehekin-North Cascades NP/Lake Chelan NRA
- 43. City of Rocks National Reserve
- 44. The White House Tours, President's Park (fall)

# 1992

- 45. Big Bend National Park (spring)
- 46. Frederick Douglass National Historic Site (spring)
- 47. Glen Echo Park (spring)
- 48. Bent's Old Fort National Historic Site
- 49. Jefferson National Expansion Memorial
- 50. Zion National Park
- 51. New River Gorge National River
- 52. Klondike Gold Rush National Historical Park, AK
- 53. Arlington House-The Robert E. Lee Memorial

# **Visitor Services Project Publications (continued)**

# 1993

- 54. Belle Haven Park/Dyke Marsh Wildlife Park (spring)
- 55. Santa Monica Mountains National Recreation Area (spring)
- 56. Whitman Mission National Historic Site
- 57. Sitka National Historical Park
- 58. Indiana Dunes National Lakeshore
- 59. Redwood National Park
- 60. Channel Islands National Park
- 61. Pecos National Historical Park
- 62. Canyon de Chelly National Monument
- 63. Bryce Canyon National Park (fall)

# 1994

- 64. Death Valley National Monument Backcountry (winter)
- 65. San Antonio Missions National Historical Park (spring)
- 66. Anchorage Alaska Public Lands Information Center
- 67. Wolf Trap Farm Park for the Performing Arts
- 68. Nez Perce National Historical Park
- 69. Edison National Historic Site
- 70. San Juan Island National Historical Park
- 71. Canaveral National Seashore
- 72. Indiana Dunes National Lakeshore (fall)
- 73. Gettysburg National Military Park (fall)

# 1995

- 74. Grand Teton National Park (winter)
- 75. Yellowstone National Park (winter)
- 76. Bandelier National Monument
- 77. Wrangell-St. Elias National Park & Preserve
- 78. Adams National Historic Site
- 79. Devils Tower National Monument
- 80. Manassas National Battlefield Park
- 81. Booker T. Washington National Monument
- 82. San Francisco Maritime National Historical Park
- 83. Dry Tortugas National Park

# 1996

- 84. Everglades National Park (spring)
- 85. Chiricahua National Monument (spring)

# 1996 (continued)

- 86. Fort Bowie National Historic Site (spring)
- 87. Great Falls Park, Virginia (spring)
- 88. Great Smoky Mountains National Park
- 89. Chamizal National Memorial
- 90. Death Valley National Park (fall)
- 91. Prince William Forest Park (fall)
- 92. Great Smoky Mountains National Park (fall)

# 1997

- 93. Virgin Islands National Park (winter)
- 94. Mojave National Preserve (spring)
- 95. Martin Luther King, Jr., National Historic Site (spring)
- 96. Lincoln Boyhood National Memorial
- 97. Grand Teton National Park
- 98. Bryce Canyon National Park
- 99. Voyageurs National Park
- 100. Lowell National Historical Park

# 1998

- 101. Jean Lafitte National Historical Park & Park (spring)
- 102. Chattahoochee River National Recreation Area (spring)
- 103. Cumberland Island National Seashore (spring)
- 104. Iwo Jima/Netherlands Carillon Memorials
- 105. National Monuments & Memorials, Washington, D.C.
- 106. Klondike Gold Rush National Historical Park, AK
- 107. Whiskeytown National Recreation Area
- 108. Acadia National Park

# 1999

- 109. Big Cypress National Preserve (winter)
- 110. San Juan National Historic Site, Puerto Rico (winter)
- 111. St. Croix National Scenic Riverway
- 112. Rock Creek Park
- 113. New Bedford Whaling National Historical Park
- 114. Glacier Bay National Park & Preserve
- 115. Kenai Fjords National Park
- 116. Lassen Volcanic National Park
- 117. Cumberland Gap National Historical Park (fall)

# **Visitor Services Project Publications (continued)**

# 2000

- 118. Haleakala National Park (spring)
- 119. White House Tour and White House Visitor Center (spring)
- 120. USS Arizona Memorial
- 121. Olympic National Park
- 122. Eisenhower National Historic Site
- 123. Badlands National Park
- 124. Mount Rainier National Park

# 2001

- 125. Biscayne National Park (spring)
- 126. Colonial National Historical Park (Jamestown)
- 127. Shenandoah National Park
- 128. Pictured Rocks National Lakeshore
- 129. Crater Lake National Park
- 130. Valley Forge National Historical Park

# 2002

- 131. Everglades National Park (spring)
- 132. Dry Tortugas National Park (spring)
- 133. Pinnacles National Monument (spring)
- 134. Great Sand Dunes National Park & Preserve
- 135. Pipestone National Monument
- 136. Outer Banks Group (Cape Hatteras National Seashore, Ft. Raleigh National Historic Site, and Wright Brothers National Memorial)
- 137. Sequoia & Kings Canyon National Parks and Sequoia National Forest
- 138. Catoctin Mountain Park
- 139. Hopewell Furnace National Historic Site
- 140. Stones River National Battlefield (fall)

# 2003

- 141. Gateway National Recreation Area: Floyd Bennett Field (spring)
- 142. Cowpens National Battlefield (spring)
- 143. Grand Canyon National Park North Rim
- 144. Grand Canyon National Park South Rim
- 145. C&O Canal National Historical Park
- 146. Capulin Volcano National Monument
- 147. Oregon Caves National Monument
- 148. Knife River Indian Villages National Historic Site
- 149. Fort Stanwix National Monument
- 150. Arches National Park

# 2003 continued

151. Mojave National Preserve (fall)

# 2004

- 152. Joshua Tree National Park (spring)
- 153. New River Gorge National River
- 154. George Washington Birthplace National Monument
- 155. Craters of the Moon National Monument & Preserve
- 156. Dayton Aviation Heritage National Historical Park
- 157. Apostle Islands National Lakeshore
- 158. Keweenaw National Historical Park
- 159. Effigy Mounds National Monument
- 160. Saint-Gaudens National Historic Site
- 161. Manzanar National Historic Site
- 162. John Day Fossil Beds National Monument

# 2005

- 163. Congaree National Park (spring)
- 164. San Francisco Maritime National Historical Park (spring)
- 165. Lincoln Home National Historic Site
- 166. Chickasaw National Recreation Area
- 167. Timpanogos Cave National Monument
- 168. Yosemite National Park
- 169. Fort Sumter National Monument
- 170. Harpers Ferry National Historical Park
- 171. Cuyahoga Valley National Park
- 172. Johnstown Flood National Memorial
- 173. Nicodemus National Historic Site

# 2006

- 174. Kings Mountain National Military Park (spring)
- 175. John Fitzgerald Kennedy National Historic Site
- 176. Devils Postpile National Monument
- 177. Mammoth Cave National Park
- 178. Yellowstone National Park
- 179. Monocacy National Battlefield
- 180. Denali National Park & Preserve
- 181. Golden Spike National Historic Site
- 182. Katmai National Park and Preserve
- 183. Zion National Park (spring and fall)

# Visitor Services Project Publications (continued)

# 2007

- 184.1. Big Cypress National Preserve (spring)
- 184.2. Big Cypress National Preserve (ORV Permit Holder/Camp Owner)
- 185. Hawaii Volcanoes National Park (spring)
- 186 Glen Canyon National Recreation Area (spring and summer)
- 187. Lava Beds National Monument
- 188. John Muir National Historic Site
- 189. Fort Union Trading Post National Historical Site
- 190. Fort Donelson National Battlefield
- 191. Agate Fossil Beds National Monument
- 192. Mount Rushmore National Memorial
- 193. Ebey's Landing National Historical Reserve
- 194. Rainbow Bridge National Monument
- 195. Independence National Historical Park
- 196. Minute Man National Historical Park

# 2008

197 Blue Ridge Parkway (fall and summer)

198. Yosemite National Park (winter)

For more information about the Visitor Services Project, please contact the University of Idaho Park Studies Unit, website: www.psu.uidaho.edu or phone (208) 885-7863.

# Visitor Comments Appendix

This section contains complete visitor comments of all open-ended questions and is bound separately from this report due to its size.

NPS D-1653

# October 2008



Printed on recycled paper