

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

Visitor Services Project



# Homestead National Monument of Americae Visitor Study

Spring 2009

# University of Idaho

Park Studies Unit Visitor Services Project Report 210



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January 2010

Eleonora Papadogiannaki Nancy C. Holmes Ariel Blotkamp Wayde Morse Steven J. Hollenhorst

Eleonora Papadogiannaki, Nancy Holmes, and Ariel Blotkamp are Research Assistants with the Visitor Services Project. Dr. Wayde Morse is Assistant Professor, School of Forestry and Wildlife Science, Auburn University, who oversaw the survey fieldwork. Dr. Steven Hollenhorst is the Director of the Park Studies Unit, Department of Conservation Social Sciences, University of Idaho. We thank the staff of Homestead National Monument of America for assisting with the survey, and David Vollmer and Yanyin Xu for data processing.

### Visitor Services Project Homestead National Monument of America Report Summary

- This report describes the results of a visitor study at Homestead National Monument of America during May 25-June 17, 2009. A total of 340 questionnaires were distributed to visitor groups. Of those, 254 questionnaires were returned, resulting in a 74.7% response rate.
- This report profiles a systematic random sample of Homestead National Monument of America visitors. 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.
- Forty-five percent of visitor groups were in groups of two and 28% were in groups of four or more. Seventy-three percent of visitor groups were in family groups.
- United States visitors comprised 100% of total visitors, with 57% from Nebraska, 4% from Kansas, 4% from California, and smaller proportions from 36 other states and Washington, D.C. There were no international visitors. Twenty-six percent of visitors were descendents of someone who homesteaded under the Homestead Act of 1862.
- Forty-one percent of visitors were ages 46-65 years, 27% were over 66 years, and 15% were ages 15 years or younger. Nine percent of visitor groups reported physical conditions that made it difficult to access or participate in park activities or services. Forty-two percent of visitor groups were aware that special needs equipment was available to visitors.
- One percent of visitors were Hispanic or Latino, and 97% of visitors were of White racial background. Thirty-three percent of respondents had a bachelor's degree and 30% had a graduate degree. Twenty-three percent of visitors had an annual income of \$50,000 to \$74,999 and 63% had two members in their household.
- Eighty-two percent of visitors were visiting the park for the first time. Ten percent had visited three or more times since May 2007. Eighty-two percent entered the park once during this visit and 13% entered two times. Most visitor groups (93%) used one vehicle to arrive at the park.
- Twenty-four percent of visitor groups were residents of the area. For 53% of non-resident visitor groups, visiting Homestead National Monument was the reason for coming to the area.
- Most visitor groups (86%) obtained information about the park prior to their visit. Prior to this visit, the
  most common sources of information used to obtain information about Homestead National
  Monument of America were friends/relatives/word of mouth (38%) and the park website (37%). Sixtysix percent of visitor groups indicated their preferred source of information for a future visit would be
  the park website.
- Eighty percent of visitor groups found the park website to be "extremely helpful" or "very helpful," and 86% rated the quality of the website as "very good" or "good."
- The most common sites visited by visitor groups were the Heritage Center (88%) and the Education Center (72%). The most common visitor activities were viewing museum exhibits at Heritage Center (87%), viewing exhibits at Education Center (70%), and watching movies/videos (70%). The most common activities in which visitor groups would participate in the future were walking/hiking trails (74%) and attending ranger-led talks/programs (72%).
- Twenty-two percent of visitor groups attended a ranger-led talk or program, while 82% indicated they would be interested in attending a program in the future. Fifty-four percent were interested in a program lasting one-half hour to an hour.

- Ninety-three percent of visitor groups viewed/used exhibits at the Heritage Center. The most commonly viewed/used exhibits were static exhibits (97%) and handset exhibits (71%).
- Eighty-one percent of visitor groups visited the park bookstore, and 14% were able to find the sales items in which they were interested.
- Of those visitor groups (33%) that stayed overnight in the area within 60 miles of the park, 51% stayed one night and 34% spent three or more nights. Of the visitor groups that stayed overnight in the area, 48% stayed in lodges, hotels, motels, cabins, B&B, etc.
- The average group expenditure in the park and the surrounding area (within 60 miles of the park) was \$110, with a median (50% spent more and 50% spent less) of \$55. The average total expenditure per person was \$49.
- Most visitor groups (98%) rated the overall quality of services, facilities, and recreational opportunities at Homestead National Monument of America as "very good" or "good." No 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.

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# INTRODUCTION

This report describes the results of a visitor study at Homestead National Monument of America, conducted May 25-June 17, 2009 by the National Park Service (NPS) Visitor Services Project (VSP), part of the Park Studies Unit (PSU) at the University of Idaho.

The National Park Service website for Homestead National Monument of America describes the park: "The cry was FREE LAND! The Homestead Act of 1862 was one of the most significant and enduring events in the westward expansion of the United States. By granting free land it allowed nearly any man or woman a chance to live the American dream of owning their own land. Visit this fee free Unit in the National Park System to gain an understanding of the impact of the Homestead Act" (Homestead National Monument of America, National Park Service, Department of the Interior website http://www.nps.gov/nps October, 2009).

# 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 study.
- <u>Section 2</u>: **Results**. This section provides summary information for each question in the questionnaire and also includes a summary of visitor comments. The presentation of the results of this study does not follow the order of questions in the questionnaire.

### Section 3: Appendices

Appendix 1: The *Questionnaire*. A copy of the questionnaire distributed to groups.

- Appendix 2: *Additional Analysis*. A list of sample questions for cross-references and cross comparisons. 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 3: *Decision rules for checking non-response bias.* An explanation of how the non-response bias was determined.
- Appendix 4: *Visitor Services Project Publications.* A complete list of publications by the VSP. Copies of these reports can be obtained by contacting the PSU office at (208) 885-7863 or by 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.

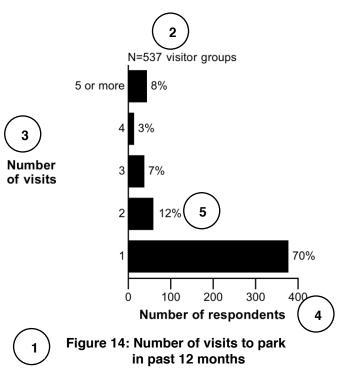
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# Presentation of the results

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.
- 2: 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 340 visitor groups that arrived at selected locations in Homestead National Monument of America during May 25-June 17, 2009. Table 1 shows the two locations, the number of questionnaires distributed at each location, and the response rate for each location. Visitors were surveyed between the hours of 8 a.m. and 5 p.m. During this survey, 342 visitor groups were contacted and 340 of these groups (99.4%) accepted questionnaires (average acceptance rate for 205 VSP visitor studies is 91.4%). Questionnaires were completed and returned by 254 visitor groups resulting in a 74.7% response rate for this study. The average response rate for the 205 VSP visitor studies conducted from 1988 through 2008 was 74.2%.

Table 1: Questionnaire distributionN1=number of questionnaires distributedN2=number of questionnaires returned

	Distributed		Ret	urned
Sampling site	$N_1$	%	N <sub>2</sub>	%
Heritage Center	311	91	233	92
Education Center	29	9	21	8
Total	340	100	254	100

# Questionnaire design

The Homestead National Monument of America 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 Homestead National Monument of America. 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 Homestead National Monument of America questionnaire. However, all questions followed Office of Management and Budget (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 old) 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 who provided a valid mailing address (see Table 2). 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. In order to distribute all 340 questionnaires, the survey period was extended. This resulted in a second round of follow-up mailings.

Table 2: Follow-up mailing distribution				
Round 1 mailing	Date	U.S.	International	Total
Postcards	15 June 2009	135	0	135
1 <sup>st</sup> Replacement	29 June 2009	56	0	56
2 <sup>nd</sup> Replacement	17 July 2009	44	0	44
Round 2 mailing	Date	U.S.	International	Total
Postcards	2 July 2009	197	1	198
1 <sup>st</sup> Replacement	16 July 2009	76	1	78
2 <sup>nd</sup> Replacement	4 August 2009	52	0	52

# Data Analysis

Returned questionnaires were coded and the visitor responses were processed using custom and standard statistical software applications—Statistical Analysis Software (SAS)®, 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. Double-key data entry validation was performed on numeric and text entry variables and the remaining checkbox (bubble) variables were read by optical mark recognition (OMR) software.

# Limitations

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

- 1. 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 May 25-June 17, 2009. The results present a 'snapshot-in-time' and do not necessarily apply to visitors during other times of the year.
- 3. 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 generally sunny and warm, with occasional rain and overcast periods. Temperatures varied from high 60s to high 80s. Questionnaires were distributed during Memorial Day weekend and a naturalization ceremony that took place in the park on June 14<sup>th</sup>, both of which could have affected visitation.

# **Checking Non-response Bias**

Four variables were used to check non-response bias: respondents' age, travel distance from home to the park, overall quality rating score, and level of education. There were no significant differences between early and late responders in travel distance, overall quality rating, or level of education (see Tables 3 and 4). However, there was a significant difference in age. The late responders tended to be of the younger age group. Thus, visitors under 50 years old may be underrepresented in the survey results. See Appendix 3 for more details on the non-response bias checking procedures.

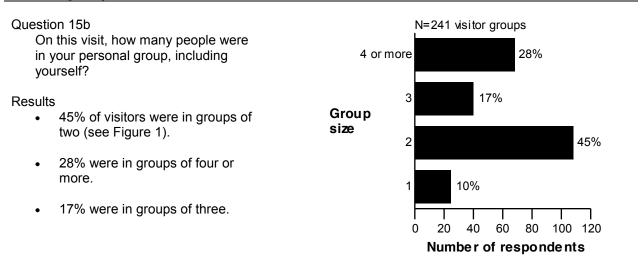
Table 3: Comparison of respondents at different mailing waves				
Variable	Before 1 <sup>st</sup> replacement	Between 1 <sup>st</sup> and 2 <sup>nd</sup> replacement	After 2 <sup>nd</sup> replacement	p-value (ANOVA)
Age (years)	57.43	59.51	48.75	0.045
Travel distance to park (miles)	384.96	204.42	288.50	0.06
Overall quality rating (from 1 to 5 scale)	4.76	4.78	4.53	0.196

Table 4: Comparison of respondents at different mailing waves(number of respondents)				
Education level	Before 1 <sup>st</sup> replacement	Between 1 <sup>st</sup> and 2 <sup>nd</sup> replacement	After 2 <sup>nd</sup> replacement	
Some high school	1	1	0	
High school diploma/GED	28	6	2	
Some college	43	10	2	
Bachelor's degree	65	8	7	
Graduate degree	58	37	14	
p-value (chi-square)				0.633

# RESULTS

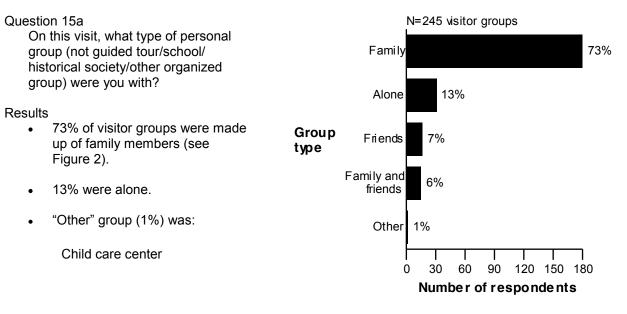
# **Group and Visitor Characteristics**

# Visitor group size





# Visitor group type





\*total percentages do not equal 100 due to rounding

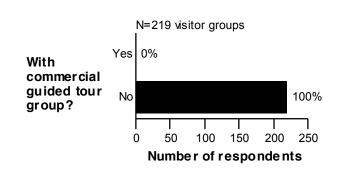
### Visitors with organized groups

#### Question 14a

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

#### Results

 No visitor groups were part of a commercial guided tour group (see Figure 3).



# Figure 3: Visitors with a commercial guided tour group

#### Question 14b N=218 visitor groups On this visit, were you and your personal group part of a school/ Yes 1% With educational group? school/ educational No 99% Results group? 1% of visitor groups were part . of a school/educational group 0 50 100 150 200 250 (see Figure 4). Number of respondents

# Figure 4: Visitors with a school/educational group

Question 14c N=221 visitor groups On this visit, were you and your personal group part of a historical 3% Yes With society/club? historical 97% society/club? No Results 3% of visitor groups were with a • historical society/club (see 0 50 100 150 200 250 Figure 5). Number of respondents

# Figure 5: Visitors with a historical society/club

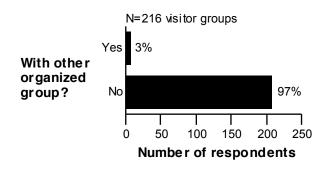
\*total percentages do not equal 100 due to rounding

#### Question 14d

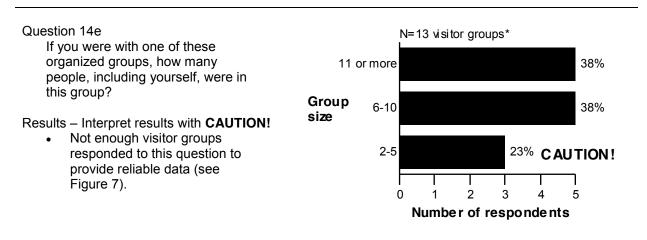
On this visit, were you and your personal group part of an other organized group (scouts/work/ church)?

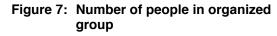
Results

• 3% of visitor groups were traveling with an other organized group (see Figure 6).



# Figure 6: Visitors with an other organized group



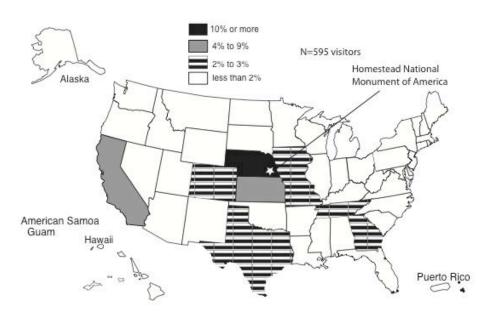


\*total percentages do not equal 100 due to rounding

Question 16b	Table 5: United State	es visitors by s	tate of residence*
For you and your personal group on this visit, what is your state of residence?	State	Number of visitors	Percent of U.S. visitors N=595 individuals
Note: Response was limited to seven members from each	Nebraska Kansas	338 23	57 4
visitor group.	California Missouri	22 20	4 3
Results	Texas	18	3
U.S. visitors were from 39	lowa	17	3
states and Washington,	Colorado	14	2
D.C. and comprised 100%	Georgia	14	2
of total visitation to the park	Tennessee	13	2
•	Minnesota	8	1
during the survey period.	Ohio	8	1
	Pennsylvania	8	1
There were no international	Florida	6	1
visitors.	Illinois	6	1
	Michigan	6	1
<ul> <li>57% of U.S. visitors came</li> </ul>	Utah	6	1
from Nebraska (see Table 5 and Map 1).	23 other states and Washington, D.C.	68	11

# United States visitors by state of residence

Smaller proportions of U.S. • visitors came from 38 other states and Washington, D.C.



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

\*total percentages do not equal 100 due to rounding

# Number of visits to the park

#### Question 16c

For you and your personal group on this visit, how many times have you visited Homestead National Monument of America since May 2007 (including this visit)?

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

Results

- 82% of visitors were visiting the park for the first time (see Figure 8).
- 10% visited three or more times.

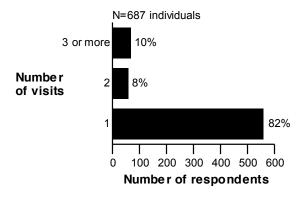


Figure 8: Number of visits to park since May 2007

\*total percentages do not equal 100 due to rounding

# Visitor age

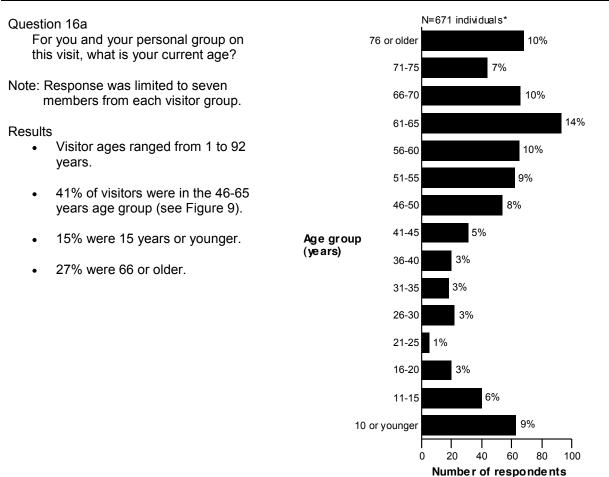
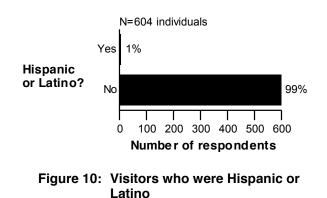


Figure 9: Visitor age

\*total percentages do not equal 100 due to rounding

# Ethnicity

- Question 17a
  - Are you or members of your group Hispanic or Latino?
- Note: Response was limited to seven members from each visitor group.
- Results
  - 1% of visitors were Hispanic or Latino (see Figure 10).



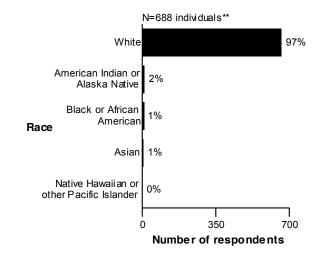
### Race

Question 17b 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

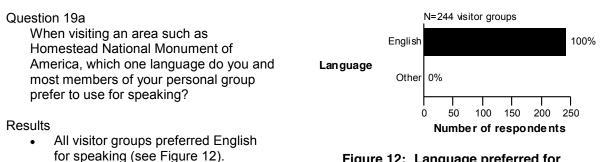
- 97% of visitors were White (see Figure 11).
- 2% were American Indian or Alaska Native.





\*total percentages do not equal 100 due to rounding

# Language used for speaking and reading



# Figure 12: Language preferred for speaking

Question 19b When visiting an area such as Homestead National Monument of America, which one language do you and most members of your personal group prefer to use for reading?

All visitor groups preferred English

for reading (see Figure 13).

Results

•

# Figure 13: Language preferred for reading

\*total percentages do not equal 100 due to rounding

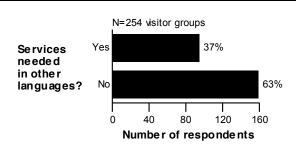
# Services in languages other than English

#### Question 19c

In your opinion, what services in the park need to be provided in languages other than English?

#### Results

- 37% of visitor groups felt that services should be provided in languages other than English.
- Fourteen visitor groups provided comments on services that need to be provided in languages other than English (see Table 6).



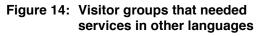


Table 6: Services in languages other than English
N=19 comments;
some visitor groups made more than one comment. CAUTION!

Service	Number of times mentioned
Signage	6
Audio	3
Brochures	2
Maps	2
Video	2
All services	1
Basic information	1
Emergency services	1
Exhibit translation	1

\*total percentages do not equal 100 due to rounding

# Visitors with physical conditions

#### Question 18b

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

#### Results

 9% of visitor groups had members with physical conditions that made it difficult to access or participate in park activities or services (see Figure 15).

#### Had physical condition? Yes 9% 9% 91% 0 50 100 150 200 250 Number of respondents Figure 15: Visitor groups that had members with physical conditions

N=240 visitor groups

Question 18c

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

Elevator

Walking from parking lot

Results – Interpret with CAUTION!

1 1

• Eighteen visitor groups commented on the services and activities that were difficult to access or participate in (see Table 7).

Table 7: Services/activities that were difficult to access/participate in N=20 comments;			
some visitor groups made mor	e than one comment.		
CAUTION!			
	Number of times		
Service/activity	mentioned		
Trails	7		
Walking	6		
Stairs	3		
Wheelchair access	2		

\*total percentages do not equal 100 due to rounding

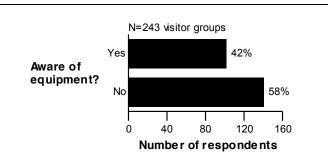
# Special needs equipment

#### Question 18a

Were you and your personal group aware that special needs equipment (listening devices, white gloves, etc.) is available to visitors?

#### Results

 42% of visitor groups were aware that special needs equipment was available to visitors (see Figure 16).



# Figure 16: Visitor groups that were aware that special needs equipment was available

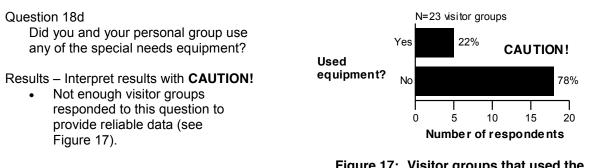


Figure 17: Visitor groups that used the special needs equipment

#### Question 18e N=4 visitor groups If YES, was the special needs 100% Yes equipment easy to use? Easy Results - Interpret results with CAUTION! to use? 0% No CAUTION! Not enough visitor groups responded to this question to provide reliable data (see 0 1 2 3 4 Figure 18). Number of respondents

Figure 18: Visitor groups that found the special needs equipment easy to use

\*total percentages do not equal 100 due to rounding

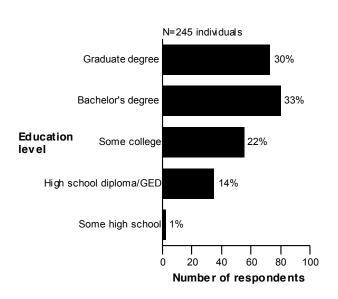
# Level of education

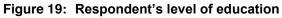
#### Question 20

For you only, what is the highest level of education you have completed?

#### Results

- 33% of respondents had a bachelor's degree (see Figure 19).
- 30% had a graduate degree.
- 22% had some college.





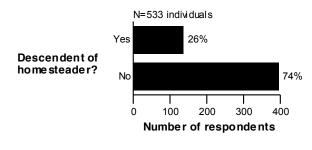
# Descendent of a homesteader

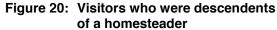
#### Question 16d

For you and your personal group on this visit, were you a descendent of someone who homesteaded under the Homestead Act of 1862?

#### Results

 26% of visitors were descendents of someone who homesteaded under the Homestead Act of 1862 (see Figure 20).





\*total percentages do not equal 100 due to rounding

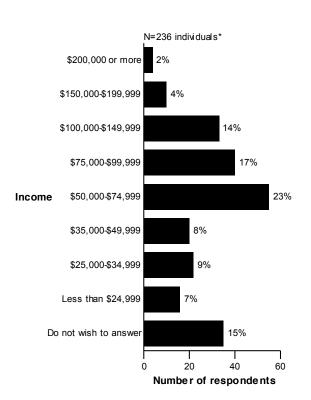
# Household income

Question 27a

Which category best represents your annual household income?

Results

- 23% of visitor had an annual income of \$50,000 to \$74,999 (see Figure 21).
- 17% had an income between \$75,000 and \$99,999.





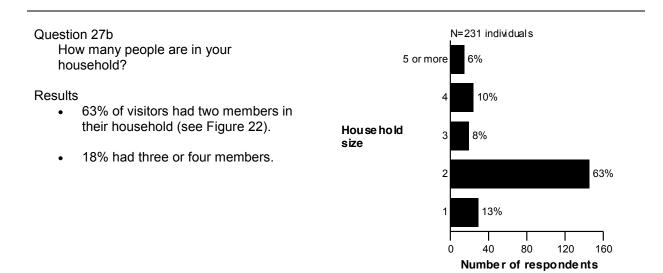
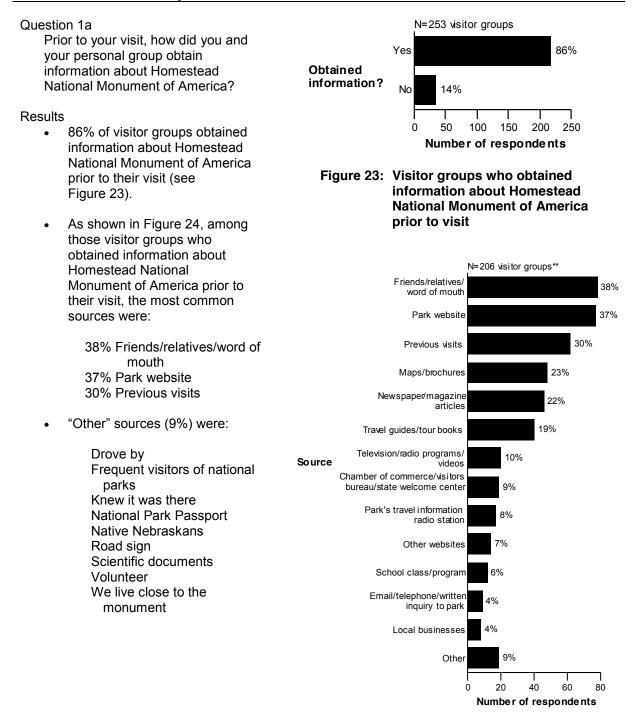


Figure 22: Number of people in household

\*total percentages do not equal 100 due to rounding

### **Trip/Visit Characteristics and Preferences**

#### Information sources prior to visit



# Figure 24: Sources of information used by visitor groups prior to visit

\*total percentages do not equal 100 due to rounding

#### Question 1c

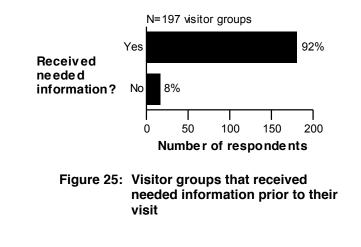
From the sources you used prior to this visit, did you and your personal group receive the type of information about the park that you needed?

#### Results

 92% of visitor groups received needed information prior to their visit (see Figure 25).

If NO, what type of park information did

you and your personal group need that was not available? (open-ended)



Question 1d

#### Results – Interpret with CAUTION!

• Nine visitor groups listed information they needed, but was not available (see Table 8).

# Table 8: Needed information N=9 comments; CAUTION!

Type of information	Number of times mentioned
Availability of grill	1
Bird list	1
Detailed map on website	1
Extent of prairie trail	1
Hours of operation year round	1
Mis-read ad date in newspaper	1
More information about Nebraska	1
RV parking	1
What there is at each site	1

\*total percentages do not equal 100 due to rounding

### Information sources for future visit

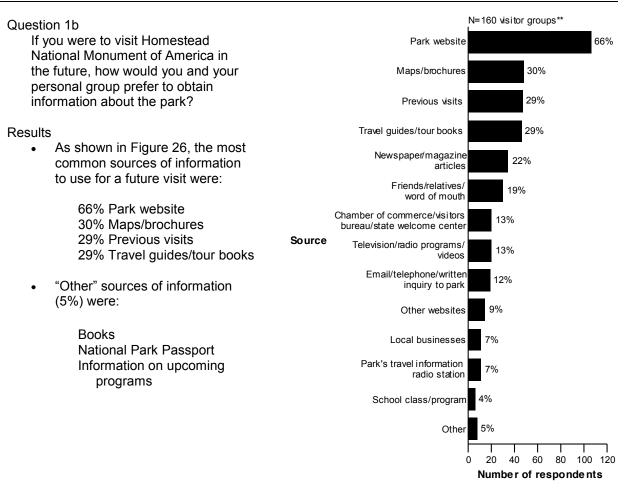
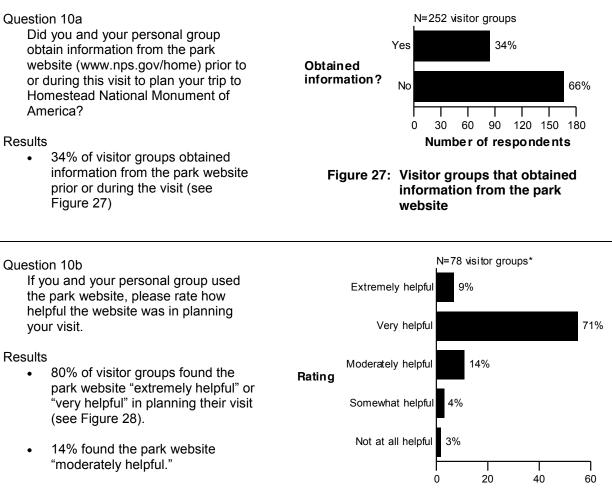


Figure 26: Sources of information to use for a future visit

\*total percentages do not equal 100 due to rounding

# Park website



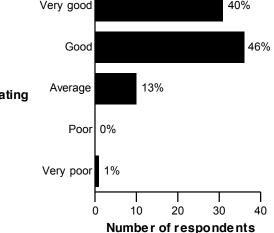
Number of respondents

Figure 28: Helpfulness of park website

\*total percentages do not equal 100 due to rounding

#### N=78 visitor groups Question 10c Overall, how would you and your 40% Very good personal group rate the quality of information provided on the park website? 46% Good Results 86% of visitor groups rated the Average 13% ٠ Rating overall quality of the park website as "very good" or "good" (see Poor 0% Figure 29).

1% rated the quality as "very poor."



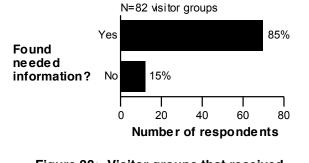


#### Question 10d Did you and your personal group find

the information that you needed on the park website?

### Results

85% of visitor groups found the • information they needed on the park website (see Figure 30).



#### Figure 30: Visitor groups that received needed information from park website

\*total percentages do not equal 100 due to rounding

#### Question 10e

If NO, what type of information did you and your personal group need that was not available on the park website? (openended)

#### Results - Interpret with CAUTION!

• Six visitor groups listed information they needed, but was not available on the park website (see Table 9).

#### Table 9: Information not available on park website N=8 comments CAUTION!

Type of information	Number of times mentioned
Detailed park map	1
Hours on website did not agree with hours at the park	1
Information on how much time to spend here	1
Information on nearby camping	1
More about ecology	1
More detailed information on exhibits, films, etc.	1
More detailed information on time required for visit	1
Pictures of prairie plants and homesteaders	1

\*total percentages do not equal 100 due to rounding

#### Question 10f

If you and your personal group did not use the park website, why not? (open-ended)

#### Results

• One hundred fifty-two visitor groups provided reasons for not using the park website (see Table 10).

# Table 10: Reasons for not using the park websiteN=157 comments;

some visitor groups made more than one comment.

Reason	Number of times mentioned
Visit was unplanned	26
Unaware of website	25
Already knew about park	18
Do not own a computer	14
Did not need to use website	13
Did not need information	11
No access to computer/website	10
Did not think of it	8
Had visited previously	7
Do not use computers	4
Obtained information through newspaper	4
Got information through word of mouth	2
Unaware of the park	2
Visiting with local family	2
Did not have time to use website	1
Did not search for it	1
Did not try website	1
Do not plan trips	1
Internet is a waste of time	1
Live in the area	1
Obtained information through flyers	1
Prefer other information sources	1
Reason for visit was to obtain park pass	1
Used state website	1
Visit Nebraska site hard to use	1

\*total percentages do not equal 100 due to rounding

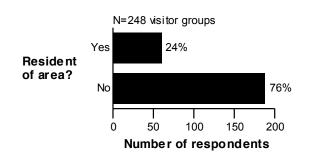
# Primary reason for visiting the area

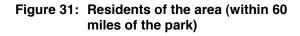
#### Question 2

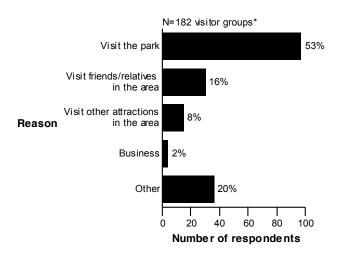
On this trip, what was the primary reason that you and your personal group came to the Homestead National Monument of America area?

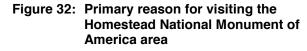
#### Results

- 24% of visitor groups were residents of the area (see Figure 31).
- As shown in Figure 32, for visitors groups that were not residents of the area, the primary reasons for coming the Homestead National Monument of America were:
  - 53% Visit Homestead National Monument of America16% Visit friends/relatives in the area
- "Other" reasons (20%) included:
  - Anniversary getaway Bird watching Brought friends/relatives Church day camp activity Family reunion Field trip First time to see the new building Genealogy trip Geocaching Get senior pass Hiking Interested in speaker Model A club trip Naturalization ceremony **Obtain National Park passport** stamp Passing through the area Picnic Prior resident of Beatrice Research data collection Saw it on a map Special program at park Tourist Wanted to learn more









\*total percentages do not equal 100 due to rounding

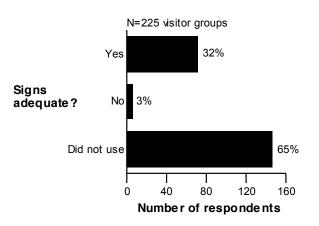
# Adequacy of directional signs

#### Question 8

On this visit, were the signs directing you and your personal group to and within Homestead National Monument of America adequate?

#### Results

- a. Interstate signs
- 65% of visitor groups did not use interstate signs to direct them to the park (see Figure 33).
- 32% indicated that interstate signs were adequate.



# Figure 33: Visitor groups' opinions of the adequacy of interstate signs

- b. State highway signs
- 79% of visitor groups indicated that state highway signs were adequate in directing them to the park (see Figure 34).
- 16% did not use state highway signs.

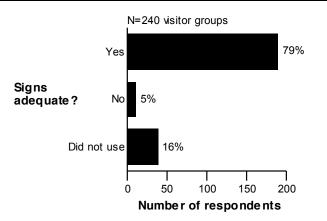
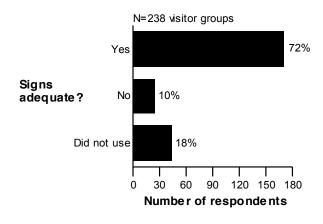


Figure 34: Visitor groups' opinions of the adequacy of state highway signs

\*total percentages do not equal 100 due to rounding

- c. Signs in local communities
- 72% of visitor groups indicated that signs in local communities were adequate in directing them to the park (see Figure 35).
- 18% did not use signs in local communities.



#### Figure 35: Visitor groups' opinions of the adequacy of signs in local communities

- d. Signs in the park
- 89% of visitor groups indicated that signs in the park were adequate in directing them within the park (see Figure 36).
- 8% did not use signs in the park.

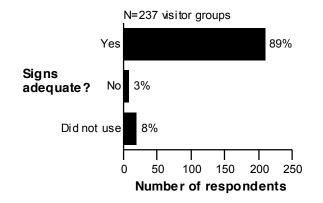


Figure 36: Visitor groups' opinions of the adequacy of signs in the park

\*total percentages do not equal 100 due to rounding

Question 8e

If you answered NO for any of the above, please explain? (open-ended)

Results

Forty-two visitor groups provided comments on • directional signs (see Table 11).

Table 11: Comments on directional signs         N=44 comments;		
some visi	tor groups made more than one comment	
Sign location	Comment	Number of times mentioned
Interstate signs	Did not see any signs	5
	Hard to find the park	1
	Need more billboards with pictures	1
	Not enough information about sites on signs	1
State highway signs	Distance from the sign to the park should be included	1
	Do not recall signs along the state highway	1
	Inadequate signage in Beatrice	1
	"N-4" What does that mean?	1
	Need more markings on Highway 77	1
	Poor signage on NE 13674	1
	Should be more signs in prominent places	1
	Signs need to be larger	1
	They were too easily overlooked	1
Signs in local communities	Signs in Beatrice were confusing	4
	Hard to find the park	2
	Sign is not obvious	2
	Asked for directions	1
	Could use a sign at each stop light	1
	Crowded in with highway and street signs	1
	Do not believe Beatrice cares about tourism	1
	More signs and picture billboards	1
	Need signs to direct turns	1
	Needed a bit more notice so as not to stop short	1
	Only saw a Highway 4 sign	1
	The sign just before railroad tracks were confusing	1
	They were too easily overlooked	1

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

(continued)				
Sign location	Comment	Number of times mentioned		
Signs in the park	Confusing as to what was what	1		
	Didn't know how to find cabin	1		
	Lack of visitor center sign was confusing	1		
	Maps with "You Are Here" would give visual aid to arrowed signs	1		
	More signs would help	1		
	Need an earlier sign (at patio) to trails	1		
	Need signs along trail by specific plants and trees	1		
	Were not sure where to go	1		
	What does "heritage" versus "education" center mean?	1		

## Table 11: Comments on directional signs

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

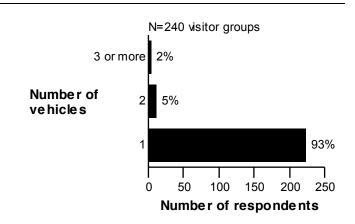
## Number of vehicles

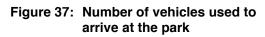
#### Question 15c

On this visit, how many vehicles did you and your personal group use to arrive at the park?

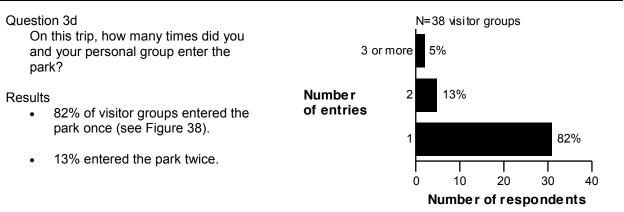
#### Results

 93% of visitor groups used one vehicle to arrive at the park (see Figure 37).



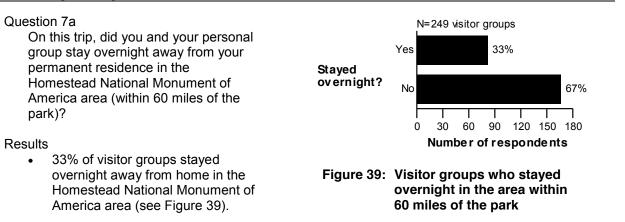


## Number of park entries





## Overnight stay and accommodations



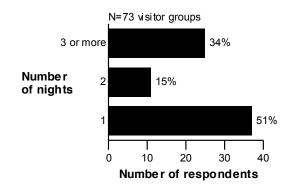
\*total percentages do not equal 100 due to rounding

#### Question 7b

If YES, please list the number of nights you and your personal group stayed in the Homestead National Monument of America area.

#### Results

- 51% of visitor groups stayed one night in the park area (see Figure 40).
- 34% stayed three or more nights.



## Figure 40: Number of nights stayed in the area (within 60 miles)

## Type of lodging outside the park

#### Question 7c

In which types of lodging did you and your personal group spend the night(s) in the area outside the park (within 60 miles of the park)?

#### Results

- 48% of visitor groups stayed in lodges, hotels, motels, cabins, B&B, etc. (see Figure 41).
- 23% stayed in the residence of friends or relatives.
- 23% were RV/trailer camping.

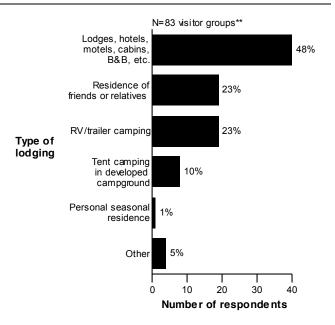
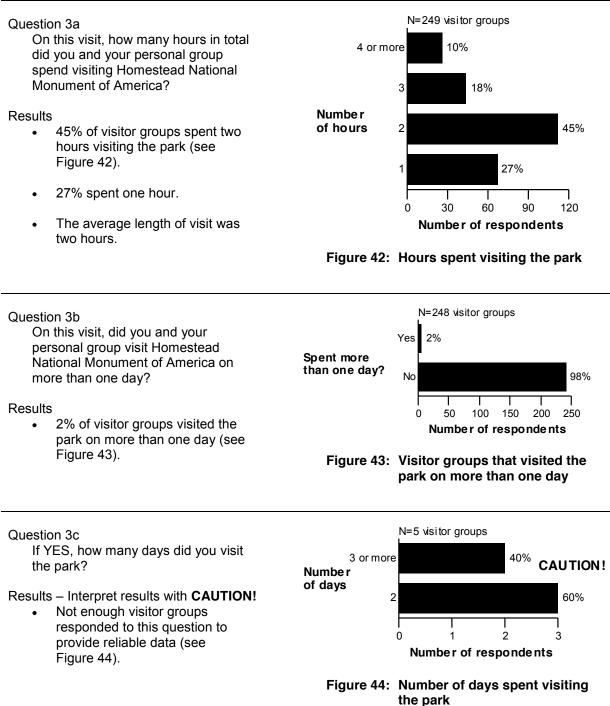


Figure 41: Type of lodging outside the park (within 60 miles)

\*total percentages do not equal 100 due to rounding

## Length of stay in the park



\*total percentages do not equal 100 due to rounding

### Sites visited

Question 4a

On this visit to Homestead National Monument of America, which park sites did you and your personal group visit?

Results

• As shown in Figure 45, the most commonly visited sites by visitor groups at Homestead National Monument of America were:

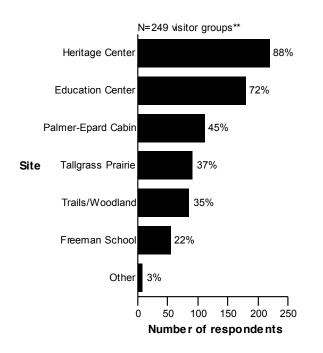
88% Heritage Center 72% Education Center

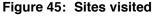
• The least visited site was:

22% Freeman School

• "Other" sites (3%) were:

Art area of Education Center Trails to all locations Picnic area





\*total percentages do not equal 100 due to rounding

## Activities on this visit

Question 12a

On this visit, in which activities did you and your personal group participate within Homestead National Monument of America?

Results

- As shown in Figure 46, the most common activities visitor groups participated in were:
  - 87% Viewing museum exhibits at Heritage Center
  - 70% Viewing exhibits at Education Center70% Watching movies/videos
- "Other" activities (4%) were:
  - Author presentation Ceremony Freeman School Using cell phone guide Windmill speaker

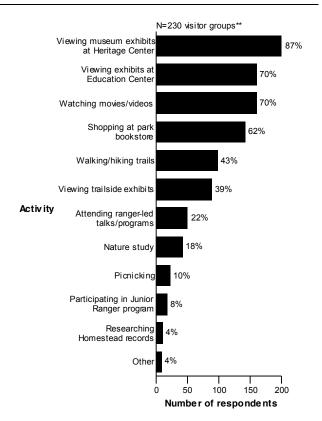


Figure 46: Activities on this visit

\*total percentages do not equal 100 due to rounding

### Activities on future visit

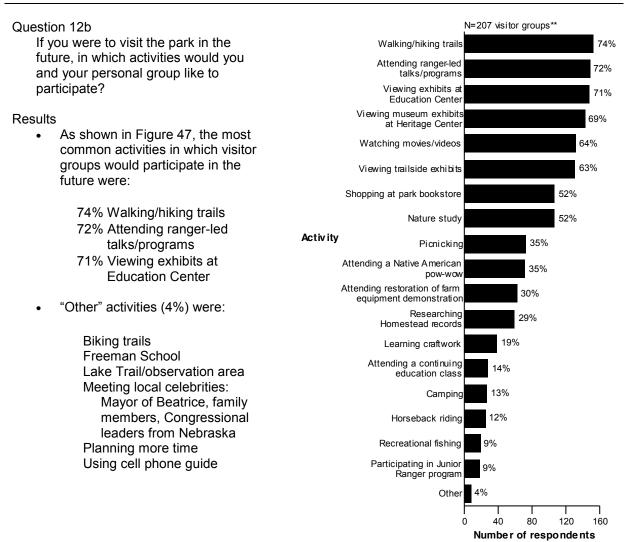


Figure 47: Activities on future visit

\*total percentages do not equal 100 due to rounding

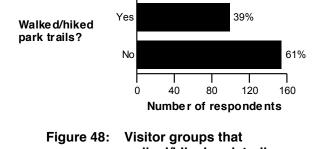
### Use of trails

#### Question 4b

On this visit, did you and your personal group walk/hike the trails within the park?

#### Results

 39% of visitor groups walked/ hiked the trails within the park (see Figure 48).



## walked/hiked park trails

N=253 visitor groups

#### Question 4c

If you and your personal group did not go on any trails, what would encourage you to walk/hike the trails?

#### Results

• One hundred fourteen visitor groups listed elements that would encourage them to walk/hike the park trails (see Table 12).

#### Table 12: Elements that would encourage visitor groups to walk/hike trails

N=124 comments;

some visitor groups made more than one comment.

Element	Number of times mentioned
More time	61
Better weather conditions	20
Improved walking ability	6
Better health	4
Handicap accessibility	4
More information	4
Golf cart	3
Younger age	3
Dog accessibility	2
No ticks	2
Paved walkways	2
Younger group to walk along	2
Adding trail distances to brochures	1
Grandchildren	1
Group study	1
Guided nature tours	1
Having others along who wanted to walk with them	1
Horses	1
If trails were stroller friendly	1
Make it more interactive	1
Ranger-led tours	1
Remove poison ivy	1
Tram	1

\*total percentages do not equal 100 due to rounding

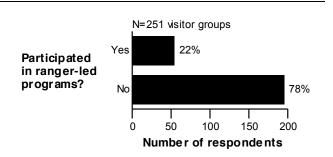
## **Ranger-led talks/programs**

#### Question 9a

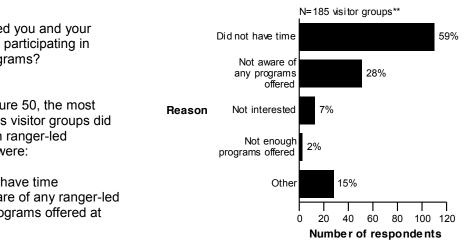
On this visit to Homestead National Monument of America, did anyone in your personal group participate in any of the ranger-led talks/programs?

#### Results

22% of visitor groups participated in ranger-led talks/programs (see Figure 49).



#### Figure 49: Visitor groups that participated ranger-led talks/programs



#### Figure 50: Reasons for not participating in ranger-led programs

"Other" reasons (continued)

Meeting was in progress Purchased park pass Too hot for outdoor talks

Question 9b

If NO, what prevented you and your personal group from participating in ranger-led talks/programs?

#### Results

As shown in Figure 50, the most common reasons visitor groups did not participate in ranger-led talks/programs were:

> 59% Did not have time 28% Not aware of any ranger-led talks/programs offered at park

"Other" reasons (20%) were:

Arrived late Came for special event Did not intend to attend programs Did not want to walk Enjoyed the movie Had attended programs in the past Had young children in group Have difficulty walking Hearing impaired It was raining Not aware of program Not enough time

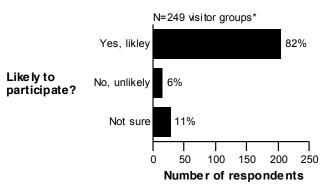
\*total percentages do not equal 100 due to rounding

#### Question 9c

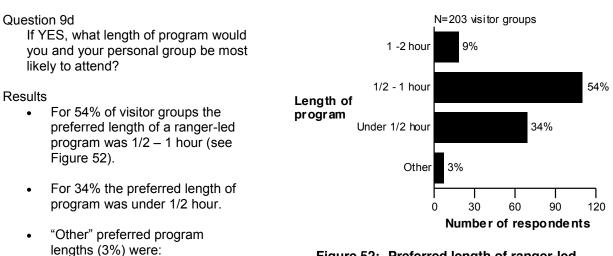
If you were to visit the park in the future, would you and your personal group be interested in attending ranger-led programs?

Results

- 82% of visitor groups would likely attend ranger-led programs in the future (see Figure 51).
- 11% were not sure.



# Figure 51: Visitor groups that would likely attend ranger-led programs in the future



## Figure 52: Preferred length of ranger-led programs

\*total percentages do not equal 100 due to rounding

1/2 to 2 hours 3.5 hours Any length

Depends on topic

Depends on time available

## **Exhibits viewed/used**

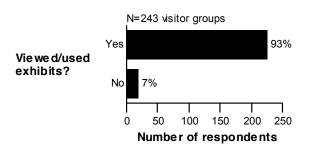
Question 11a

Please indicate all types of exhibits that you and your personal group viewed/used during this visit at the Heritage Center.

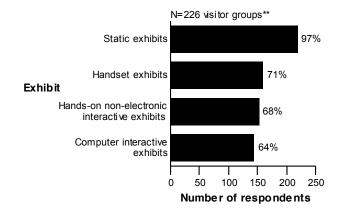
Results

- 93% of visitor groups viewed/used the exhibits at Heritage Center during the visit (see Figure 53).
- As shown in Figure 54, the most commonly viewed/used type of exhibit was:

97% Static exhibits



## Figure 53: Visitor groups that viewed/used exhibits at Heritage Center





\*total percentages do not equal 100 due to rounding

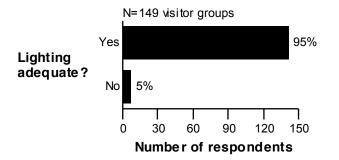
### Question 11b

Was the exhibit lighting adequate for viewing?

Results

#### Handset exhibits

• 95% of visitor groups found the lighting of handset exhibits adequate (see Figure 55).



## Figure 55: Visitor groups that found the lighting of handset exhibits adequate

<u>Static exhibits</u> (exhibits that are read or viewed: photos, posters, etc.)

• Almost all visitor groups found the lighting of static exhibits adequate (see Figure 56).

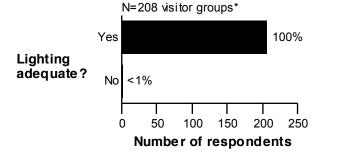
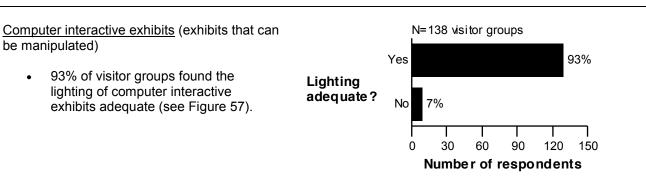
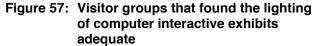


Figure 56: Visitor groups that found the lighting of static exhibits adequate

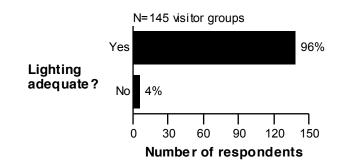


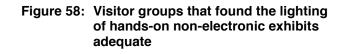


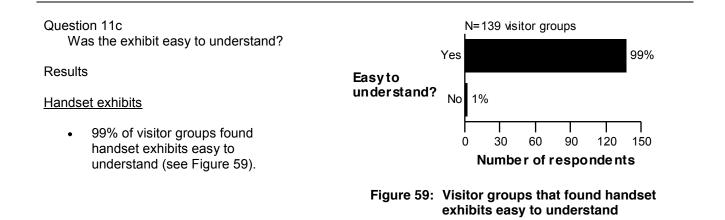
\*total percentages do not equal 100 due to rounding

Hands-on non-electronic interactive exhibits (exhibits that can be manipulated)

 96% visitor groups found the lighting of hands-on non-electronic interactive exhibits adequate (see Figure 58).

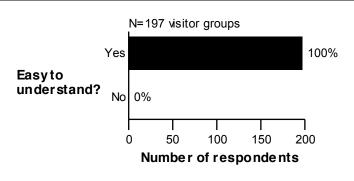


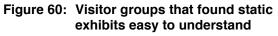




<u>Static exhibits</u> (exhibits that are read or viewed: photos, posters, etc.)

 All visitor groups found static exhibits easy to understand (see Figure 60).



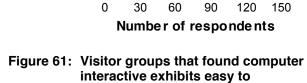


\*total percentages do not equal 100 due to rounding

90

97%

Computer interactive exhibits (exhibits that can N=134 visitor groups be manipulated) Yes 97% of visitor groups found • Easyto computer interactive exhibits easy understand? No 3% to understand (see Figure 61). 0



30

understand

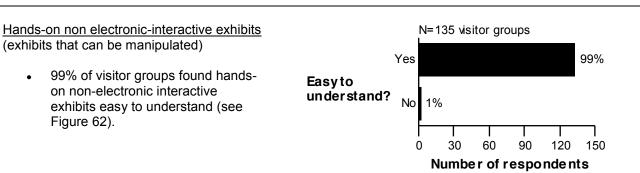
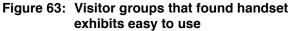


Figure 62: Visitor groups that found hands-on non-electronic exhibits easy to understand

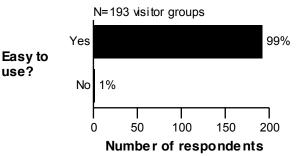
Question 11d N=138 visitor groups Was the exhibit easy to use? 99% Yes Easy to Results use? No 1% Handset exhibits • 99% of visitor groups found 30 0 60 90 120 150 handset exhibits easy to use Number of respondents (see Figure 63).



\*total percentages do not equal 100 due to rounding

<u>Static exhibits</u> (exhibits that are read or viewed: photos, posters, etc.)

• 99% of visitor groups found the static exhibits easy to use (see Figure 64).



## Figure 64: Visitor groups that found static exhibits easy to use

<u>Computer interactive exhibits</u> (exhibits that can be manipulated)

• 96% of visitor groups found computer interactive exhibits easy to use (see Figure 65).

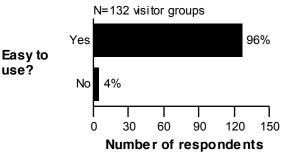
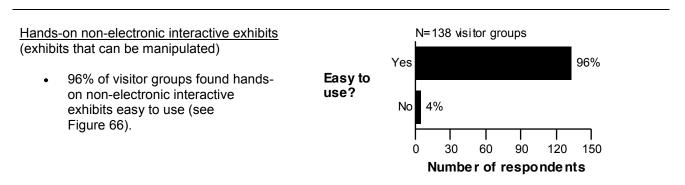


Figure 65: Visitor groups that found computer interactive exhibits easy to use





\*total percentages do not equal 100 due to rounding

#### Question 11e

If you and your personal group did not use the handset exhibits, why not?

Results

- Sixty-one visitor groups responded to this question.
- Table 13 shows the reasons that visitor groups did not use the handset exhibits.

## Table 13: Reasons for not using handset exhibitsN=65 comments;

some visitor groups made more than one comment.

Reason	Number of times mentioned
Not enough time	38
Not aware of them	4
With young children	3
Concerned about germs	2
Did not have cell phone	2
Did not see any	2
Do not know what they are	2
Not interested	2
Preferred traditional exhibits	2
Did not appear interesting	1
Interested in books	1
Left one group member in the car	1
Not necessary	1
Plenty of things to do	1
Preferred to be outside	1
Spent time at education center	1
Viewed exhibits instead	1

\*total percentages do not equal 100 due to rounding

#### Question 11f

If you and your personal group did not use the computer interactive exhibits, why not? Results

- Sixty-five visitor groups responded to this question.
- Table 14 shows the reasons that visitor groups did not use the computer interactive exhibits.

#### Table 14: Reasons for not using computer interactive exhibits N=69 comments;

some visitor groups made more than one comment.

Reason	Number of times mentioned
Not enough time	40
Did not see/notice the computers	6
Preferred traditional exhibits	4
Insufficient computer skills	3
Not interested	3
Computers were not working	2
Did not look interesting	2
With young children	2
Do not have a computer	1
Interferes with imagination	1
Not necessary	1
Prefer not to use computers	1
Prefer hiking	1
Prefer to be outside	1
Spent time at education center	1

\*total percentages do not equal 100 due to rounding

### Park bookstore

#### Question 13a

Question 13b

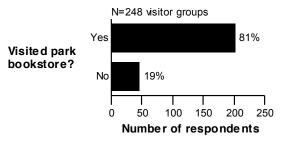
Figure 68).

Results

Did you and your personal group visit the park bookstore?

#### Results

81% of visitor groups visited the park ٠ bookstore (see Figure 67).



#### Figure 67: Visitor groups that visited the park bookstore

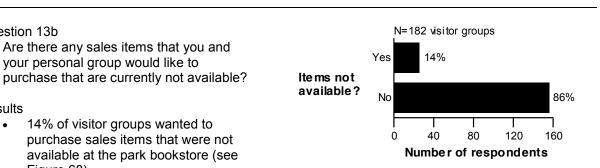


Figure 68: Visitor groups that wanted to purchase sales items that not available

\*total percentages do not equal 100 due to rounding

Question 13c

If YES, which items would you like to have available for purchase on a future visit?

Results – Interpret results with CAUTION!

- Not enough visitor groups responded to this question to provide reliable data (see Figure 69).
- Other items (38%) were:

Commemorative thimbles Curriculum for teachers Local photography More toys for young kids Mountain bike trails map Playing cards Postcards Prairie dog toy

 Subjects for additional publications that visitor groups were interested in were:

> Brochures/books on use of genealogy resources Butterfly field guides Dust Bowl History History of trails Homesteading history Low cost gift items for kids Lower West history More first hand accounts More on homesteader daily life Nebraska history Nebraska parks Peterson Field Guides: The North American Prairie Windmills

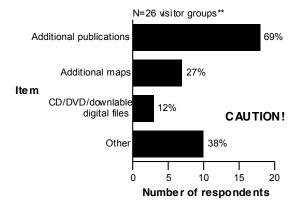


Figure 69: Sales items that visitor groups want available to purchase on a future visit

\*total percentages do not equal 100 due to rounding

## Learned on this visit

#### Question 22a

After visiting Homestead National Monument of America, do you find the word "monument" in the name Homestead National Monument of America confusing?

#### Results

 15% of visitor groups found the word "monument" confusing after visiting the park (see Figure 70).

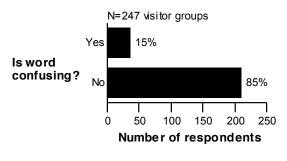


Figure 70: Visitor groups that found the word "monument" confusing

Question 22b If YES, why is it confusing?

#### Results

- Thirty-three visitor groups responded to this question.
- Table 15 shows the reasons why visitor groups found the word "monument" confusing.

### Table 15: Reasons for confusion

#### N=36 comments;

some visitor groups made more than one comment.

Reason	Number of times mentioned
Expected to see a marker (e.g. statue, building)	11
Most people don't think of a monument as a prairie and hiking trails	4
Featured more than expected	3
Monument sounds like a block of granite	3
What or where is "the monument?"	3
Monument is not reflective of the living land of the Homestead	2
Mt. Rushmore and the Saint Louis Arch are monuments; this is a site	2
It is somewhat questionable	1
Monument isn't confusing but "of America" seems redundant	1
Museum and monument may be a better name	1
National Homestead Act Site	1
Not the traditional one place monument	1
Nothing specific to identify as a monument	1
"Park" seems more appropriate	1
Somewhat confusing, but NPS literature clarified it	1

\*total percentages do not equal 100 due to rounding

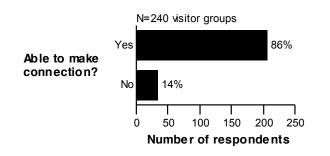
### Personal connection to homesteaders

#### Question 6a

After this visit, do you feel that you are able to make a personal connection to the people who homesteaded under the Homestead Act of 1862 (i.e. do their lives have relevance to your life today)?

#### Results

• 86% of visitor groups were able to make a connection to homesteaders (see Figure 71).



## Figure 71: Visitor groups that were able to make a connection to homesteaders

#### Question 6b

If YES, what is the most important way that homesteading life has relevance to your life today? (open-ended)

#### Results

• One hundred seventy-eight visitor groups responded to this question. Table 16 shows the relevance of homesteading life today.

## Table 16: Relevance of homesteading life

N=192 comments;

some visitor groups made more than one comment.

Relevance	Number of times mentioned
Family has a homesteading heritage	31
Homesteaders' challenges/perseverance	14
Connection to family/family history	13
Appreciation/understanding of homesteaders' struggles	12
Contribution to agriculture/economy	11
Family has a farming heritage	7
It takes hard work	7
Contrast of lifestyles past and present	5
Early development of our country	5
Genealogical ties to local history	4
Life was hard	4
Connection to who we are today	3
Educational to children	3
Enjoy history/learning	3
National heritage	3
We are farmers	3
Better understanding of history	2
Greater appreciation for what I have	2
Homesteaders' accomplishments	2
Importance/example of perseverance	2
Part of our state's heritage	2
Respect/care for natural resources	2
Securing of property rights	2
Serves as an example to this generation	2

\*total percentages do not equal 100 due to rounding

Relevance	Number of times mentioned
Settlement of the west	2
Thankful to ancestors	2
The rewards of hard work	2
A way of life	1
Accept the diversity of our country	1
Advancement/changes in farming technology	1
All that we share in today	1
Appreciation of natural resources	1
Appreciation/understanding of women's hard work	1
Availability of food	1
Being here	1
Continuing influence of homesteading	1
Contribution to life in Nebraska	1
Creation of productive land	1
Establishing good values for children	1
Farming today	1
Gives a sense of values, past and present	1
Green living	1
	1
Grew up in primitive conditions History	1
Homesteaders were survivors	-
	1
Improvise, utilize what you have	1
Influence of homesteading on American families	1
Inspires us to improve the world	1
Kansas had significant number of homesteaders	1
Live in an area that was homesteaded	1
Loneliness of homestead life	1
Love country life	1
Nature	1
Oklahoma Sooners were homesteaders	1
Owners of native prairie	1
Pioneering spirit of America	1
Plains people are adaptable	1
Private ownership	1
Qualities of character and determination seen in some people today	1
Reinforces sadness for Indians	1
Settlement of new area	1
Simplicity	1
Stories told in the film	1
The dates	1
The value of home	1
Understand effect of homesteading on U.S. culture	1
We are spoiled and shouldn't complain	1
Worked hard for things we take for granted	1
Would have liked to be a homesteader	1

## Table 16: Relevance of homesteading life (continued)

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

#### Question 6c

Please list one aspect of the park's story that you might share with family and friends. (open-ended)

Results

• One hundred sixty-six visitor groups responded to this question. Table 17 shows the aspects of the park's story that visitor groups might share with family and friends.

## Table 17: Aspects of the park's story to shareN=200 comments;

some visitor groups made more than one comment.

Aspect	Number of times mentioned
Difficulties/hardships endured by homesteaders	21
Displacement of Native Americans due to homesteading	8
Farm equipment/tool exhibit	8
Hard work of homesteaders	8
Cabin/cabin life	6
Extent of homesteading in the U.S.	6
Last homesteader in Alaska	5
Some homesteaders failed	5
History of homesteading	4
Homesteaders' contribution to society/future generations	4
Number of people living in a small cabin	4
Settlers' housing/shelters	4
Should see film	4
The exhibits	4
The Native American perspective	4
What had to be done to get the land	4
Duration of homesteading into 1970's	3
Homesteading	3
Isolation of the homesteaders	3
Native grasses/prairie exhibits	3
Recommend a visit to others	3
Windmill information	3
Adventurousness/spirit of the homesteaders	2
All of it	2
Courage of the homesteaders	2
Early farming practices	2
Exhibit of prominent persons whose ancestors	2
homesteaded	
How adaptable the homesteaders were	2
Importance of Homestead Act	2
Life of the families/children	2
Perseverance/determination of the homesteaders	2
Story of Dr. Freeman	2
Trails	2
90 million people are descendants of homesteaders	1
Access to records	1
Amount of documented history	1
Art	1

\*total percentages do not equal 100 due to rounding

Aspect	Number of times mentioned
Attributes considered in selecting homesteads	1
Bring grandchildren to the park	1
Civil War history	1
Coincidence of Homestead Act and Emancipation	1
Proclamation	
Constant updating	1
Cost to receive the deed	1
Could have spent more time there	1
Experience of early relatives	1
First and last homesteaders	1
First homestead in Beatrice	1
Grasshoppers destroyed crops	1
Great scenery	1
Hard times of 20's and 30's but our family was close and worked/played hard	1
Hardships crossing creeks and rivers	1
Help for the Indians	1
Heritage Center is well done	1
How difficult it was to plow because of prairie grasses	1
How homesteading helped poor immigrants	1
Importance of preserving this site	1
Importance of values and faith	1
Impressive modern buildings with classic pioneer style	1
Inventiveness of the homesteaders	1
It is all important	1
Last year of the Homestead Act	1
Learning to work together	1
Lived in a cabin near Beatrice, 1944	1
Mangel iron on main floor	1
Miles walked to work a field	1
Most recent homesteader	1
My great grandmother's diary of some of her experiences	1
Native American exhibits	1
Natural disasters encountered	1
Opportunity for free land, high risks	1
Origins of the park	1
Our impact on natural ecosystems	1
Peacefulness	1
Photographs and explanations	1
Plant growth	1
President Lincoln freed the slaves, but imprisoned the Indians on reservations	1
Reminder of the clash of cultures	1
Scope of the Homestead Act	1
Site renovation	1

## Table 17: Aspects of the park's story to share (continued)

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

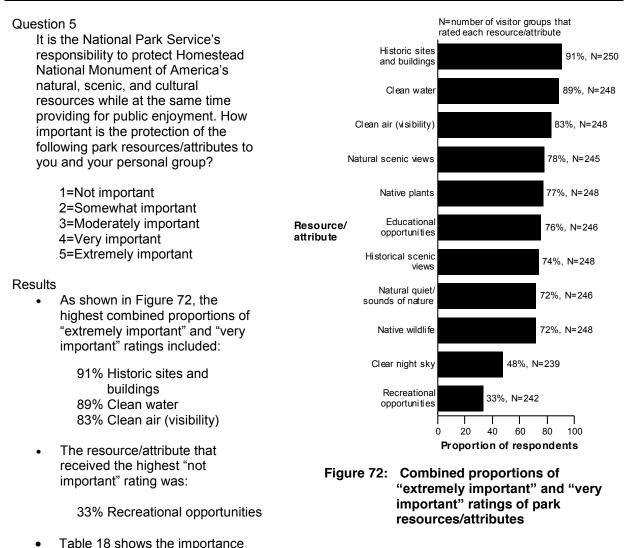
Aspect	Number of times mentioned
Stories of individual homesteaders	1
Story of how building was designed	1
Story of the Homestead Act	1
That it happened in my lifetime	1
The database	1
The educational experience	1
The Freeman School	1
The park mission - to preserve homestead families' history	1
The prairie	1
They should come see it	1
Today's children are spoiled - too much TV; don't enjoy parks/nature	1
Trail from visitor center to historic building	1
Unexploited/preserved prairie	1
U.S. history	1
Writing number 21 in miner's shoes	1

## Table 17: Aspects of the park's story to share (continued)

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

### **Ratings of resources and attributes**

### Importance of protecting park resources/attributes



\*total percentages do not equal 100 due to rounding

ratings of park resources/attributes.

## Table 18: Visitor ratings of importance of protecting park resources/attributes N=number of visitors that rated each resource/attribute

Resource/attribute	N	Not important	Somewhat important	Moderately important	Somewhat important	Extremely important
Clean air (visibility)	248	2	4	10	42	40
Clean water	248	2	4	5	39	50
Clear night sky	239	12	14	27	27	21
Educational opportunities	246	2	3	19	43	33
Historic sites and buildings	250	1	1	7	45	46
Native plants	248	1	5	17	39	38
Native wildlife	248	1	8	19	33	38
Natural quiet/sounds of nature	246	2	7	18	41	31
Recreational opportunities	242	12	23	32	25	8
Historical scenic views	248	1	5	20	47	27
Natural scenic views	245	1	3	18	44	35

### Rating (%)

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

## Expenditures

### Total expenditures inside and outside the park

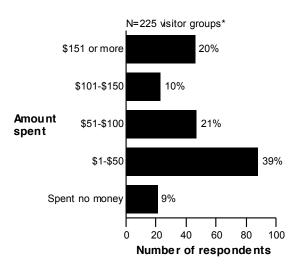
#### Question 23

For you and your personal group, please estimate all expenditures for the items listed below for this visit to Homestead National Monument of America area (within 60 miles of the park).

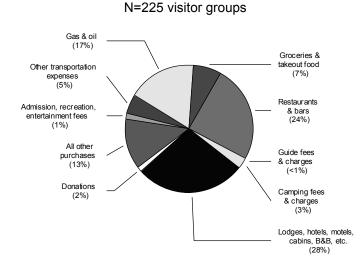
#### Results

- 39% of visitor groups spent \$1-\$50 (see Figure 73).
- 21% spent \$51-\$100.
- The average visitor group expenditure was \$110.
- The median group expenditure (50% of groups spent more and 50% of groups spent less) was \$55.
- Average total expenditure per person (per capita) was \$49.
- As shown in Figure 74, the largest proportions of total expenditures inside and outside the park were:

28% Lodges, hotels, motels, cabins, B&B, etc.24% Restaurants and bars17% Gas and oil



## Figure 73: Total expenditures inside and outside the park



## Figure 74: Proportions of total expenditures inside and outside the park

\*total percentages do not equal 100 due to rounding

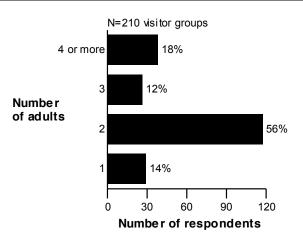
## Number of adults covered by expenditures

#### Question 23c

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

#### Results

- 56% of visitor groups had two adults covered by expenditures (see Figure 75).
- 30% had three or more adults.



## Figure 75: Number of adults covered by expenditures

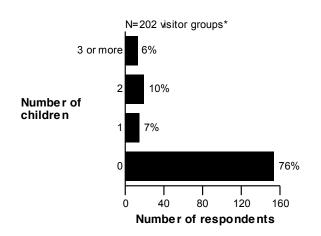
## Number of children covered by expenditures

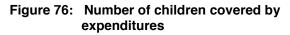
#### Question 23c

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

#### Results

- 76% of visitor groups did not have any children covered by expenditures (see Figure 76).
- 10% had two children.





\*total percentages do not equal 100 due to rounding

## Expenditures inside the park

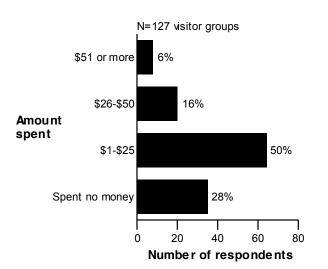
#### Question 23a

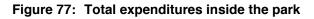
Please list your group's total expenditures inside Homestead National Monument of America.

#### Results

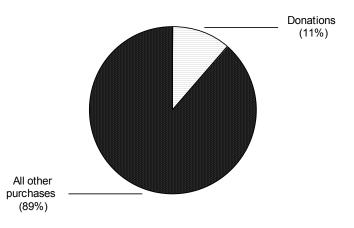
- 50% of visitor groups spent \$1-\$25 inside the park (see Figure 77).
- 28% spent no money.
- The average visitor group expenditure inside the park was \$15.
- The median expenditure (50% of groups spent more and 50% of groups spent less) was \$9.
- Average total expenditure per person (per capita) was \$10.
- As shown in Figure 78, the proportions of total expenditures inside the park were:

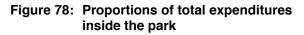
89% All other purchases 11% Donations





N=127 visitor groups





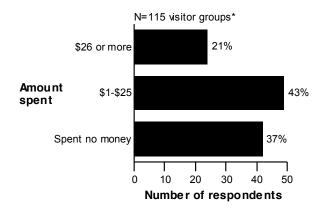
\*total percentages do not equal 100 due to rounding

All other purchases (souvenirs, film, books, sporting goods, clothing, etc.)

- 43% of visitor groups spent \$1-\$25 on • other purchases inside the park (see Figure 79).
- 37% spent no money. ٠

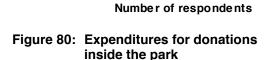
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### Figure 79: Expenditures for all other purchases inside the park

#### **Donations** N=93 visitor groups 10% \$6 or more 57% of visitor groups did not spend any money on donations inside the park (see Figure 80). Amount \$1-\$5 spent 33% spent \$1-\$5. Spent no money



20

0

33%

40

57%

60

\*total percentages do not equal 100 due to rounding

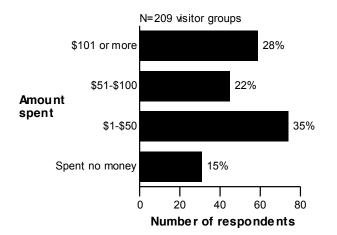
## Expenditures outside the park

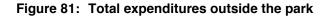
#### Question 23b

Please list your group's total expenditures in the area outside the park (within 60 miles of the park).

#### Results

- 35% of visitor groups spent \$1-\$50 (see Figure 81).
- 28% spent \$101 or more.
- The average visitor group expenditure outside the park was \$109.
- The median expenditure (50% of groups spent more and 50% of groups spent less) was \$50.
- Average total expenditure per person (per capita) was \$54.
- As shown in Figure 82, the largest proportions of total expenditures outside the park were:
  - 30% Lodges, hotels, motels, cabins, B&B, etc.27% Restaurants and bars19% Gas and oil





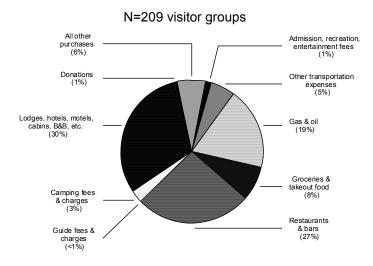
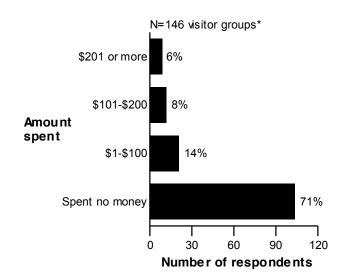


Figure 82: Proportions of total expenditures outside the park

\*total percentages do not equal 100 due to rounding

Lodges, hotels, motels, cabins, B&B, etc.

- 71% of visitor groups did not spend any money on lodging outside the park (see Figure 83).
- 14% spent \$1-\$100.



## Figure 83: Expenditures for lodging outside the park

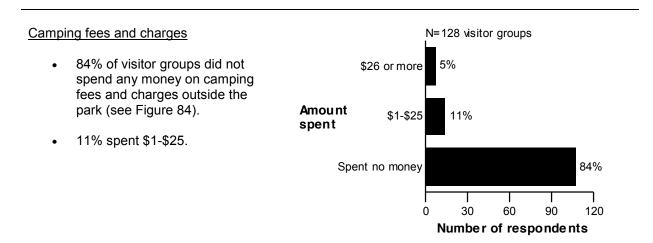


Figure 84: Expenditures for camping fees and charges outside the park

\*total percentages do not equal 100 due to rounding

#### Guide fees and charges N=117 visitor groups 98% of visitor groups did not \$6 or more 1% • spend any money on guide fees and charges outside the Amount park (see Figure 85). \$1-\$5 1% spent 1% spent \$1-\$5. . 98% Spent no money Т Т 30 60 90 120 0 Number of respondents

Figure 85: Expenditures for guide fees and charges outside the park

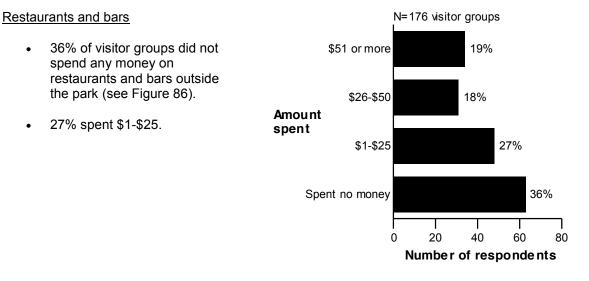


Figure 86: Expenditures for restaurants and bars outside the park

\*total percentages do not equal 100 due to rounding

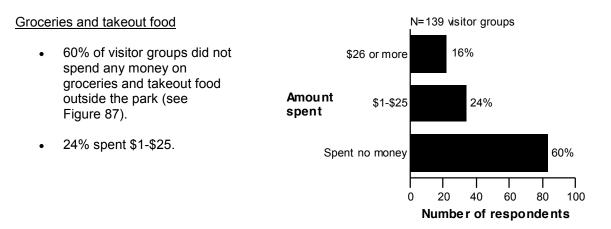
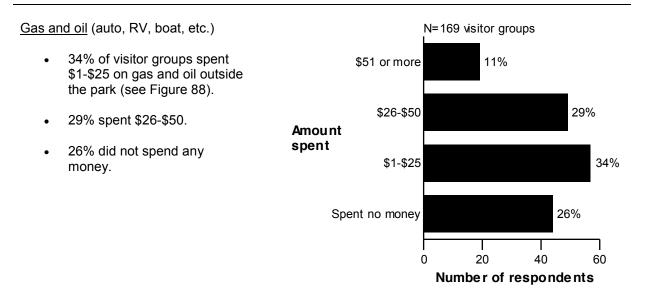
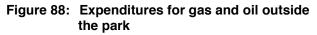


Figure 87: Expenditures for groceries and takeout food outside the park

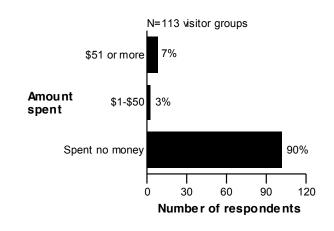




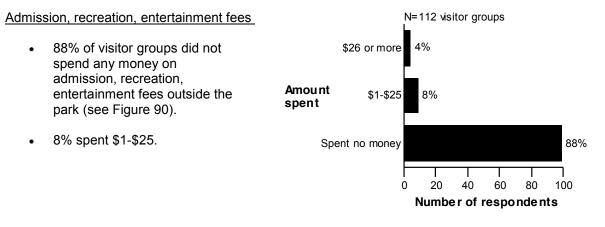
\*total percentages do not equal 100 due to rounding

<u>Other transportation expenses</u> (rental cars, taxis, auto repairs, etc.)

- 90% of visitor groups did not spend any money on other transportation outside the park (see Figure 89).
- 7% spent \$51 or more.



#### Figure 89: Expenditures for other transportation expenses outside the park



#### Figure 90: Expenditures for admission, recreation, entertainment fees outside the park

\*total percentages do not equal 100 due to rounding

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

- 67% of visitor groups did not spend any money on other purchases outside the park (see Figure 91).
- 19% spent \$1-\$25.

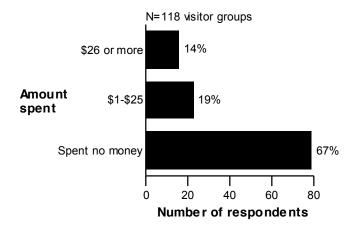
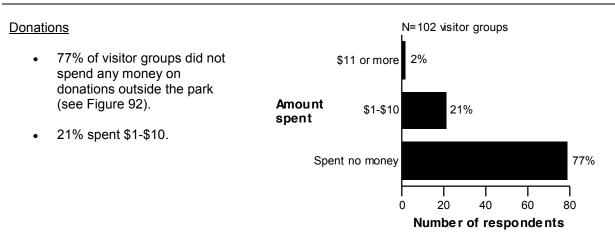
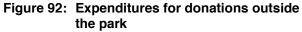


Figure 91: Expenditures for all other purchases outside the park

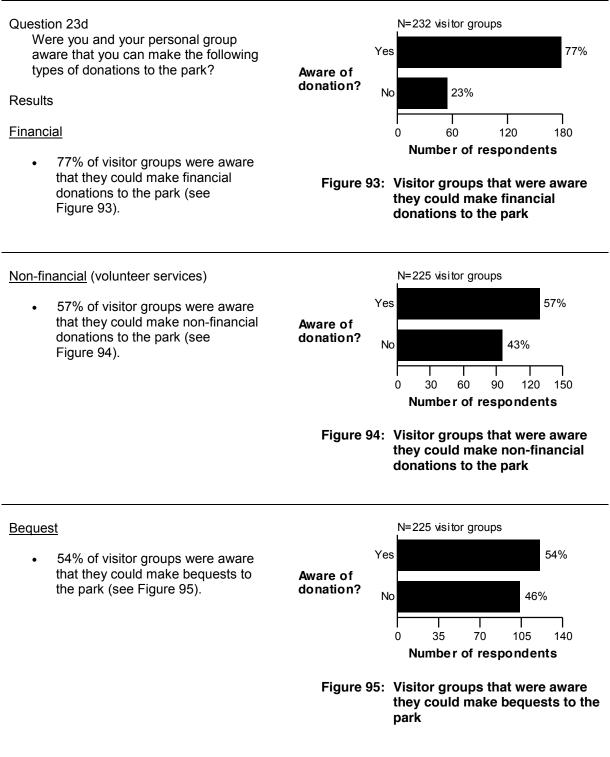




\*total percentages do not equal 100 due to rounding

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

#### Donations



\*total percentages do not equal 100 due to rounding

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

#### Preferences for future visit

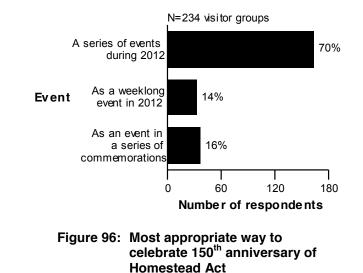
## 150<sup>th</sup> anniversary of Homestead Act celebration

#### Question 21

Homestead National Monument of America is in the process of preparing for the 150<sup>th</sup> anniversary of the Homestead Act. In your opinion, what would be the most appropriate way to commemorate these events at Homestead National Monument of America?

Results

 70% of visitor groups thought a series of events during 2012 would be the most appropriate way to celebrate the 150<sup>th</sup> anniversary of Homestead Act (see Figure 96).



<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

#### **Overall Quality** Question 26 N=243 visitor groups\* Overall, how would you rate the quality of the facilities, services, and 77% Very good recreational opportunities provided to you and your personal group at Homestead National Monument of 22% Good America during this visit? Results 2% Average 99% of visitor groups rated the ٠ Rating overall quality of facilities, services, and recreational opportunities as "very good" or 0% Poor "good" (see Figure 97). No visitor groups rated the Very poor 0% quality as "very poor" or "poor." 0 50 100 150 200

Number of respondents

#### Figure 97: Overall quality rating of facilities, services, and recreational opportunities

\*total percentages do not equal 100 due to rounding

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

	Visitor Comments	

## Planning for the future

Question 24 If you were a manager planning for the future of Homestead National Monument of America, what would you and your personal group propose?	<ul> <li>Results <ul> <li>41% of visitor groups (N=104) responded to this question.</li> </ul> </li> <li>Table 19 shows a summary of visitor comments. A complete copy of handwritten comments is included in the Visitor Comments Appendix.</li> </ul>
Table 19: Planning for	r the future
N=149 commer	
some visitor groups made more	than one comment.
Comment	Number of times mentioned
INTERPRETIVE SERVICES	
Include Native American features (exhib activities)	pits, 6
Provide hands-on opportunities tools/ equipment	5
Maintain/continue interpretive programs	s 4
Have living history events/programs	3
Add farming demonstrations	2
Add interpretive demonstrations	2
Add interpretive programs	2
Display more artifacts	2
Promote interpretive activities	2
Other comments	37
FACILITIES/MAINTENANCE	
Add a campground	7
Add shade trees	2
Maintain the site	2
Other comments	9
POLICY/MANAGEMENT	
Increase publicity	17
Acquire more land	5
Extend park hours	2
Keep it as it is	2
Other comments	10
RESOURCE MANAGEMENT	
Improve access to homestead records	6
Support for research	3
Acquire land to preserve/restore prairie	2
Restore native prairie	2
Other comments	6

Table 19: Planning(continue)	
Comment	Number of times mentioned
GENERAL COMMENTS Keep up the good work Other comments	5 4

#### Additional comments

#### Question 25

Is there anything else you and your personal group would like to tell us about your visit to Homestead National Monument of America?

#### Results

• Table 20 shows a summary of visitor comments. A complete copy of hand-written comments is included in the Visitor Comments Appendix.

#### Table 20: Additional comments

N=203 comments;

some visitor groups made more than one comment.

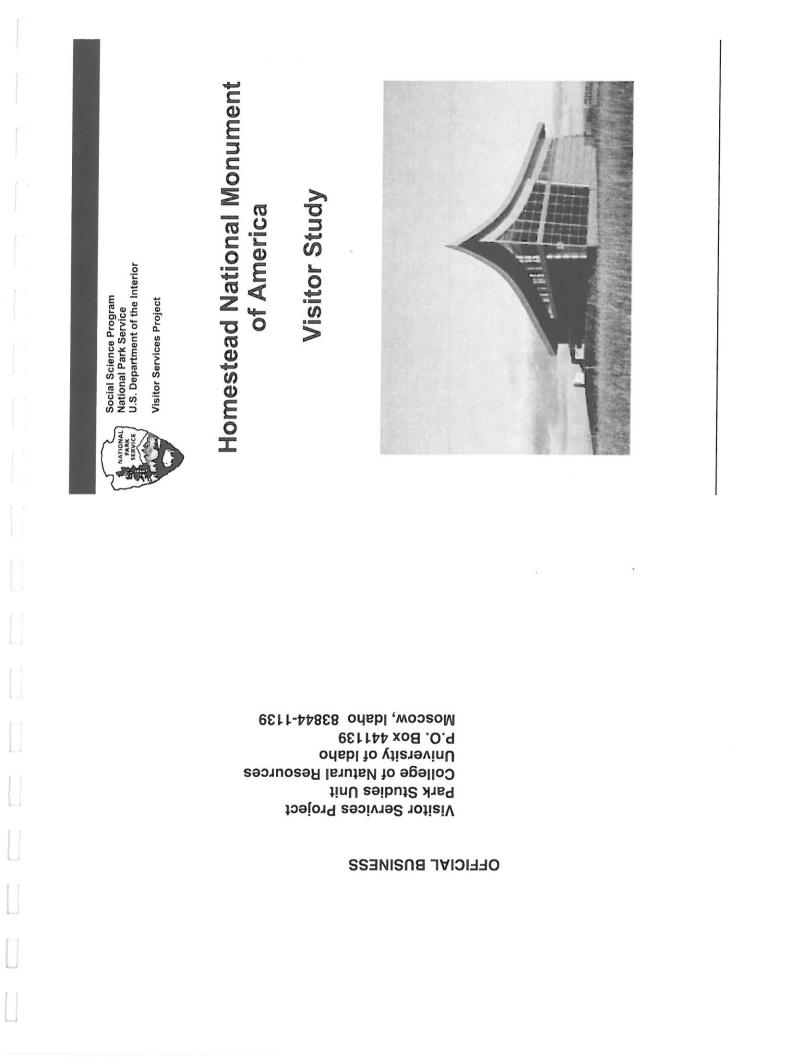
Comment	Number of times mentioned
PERSONNEL Staff was friendly/nice Staff was helpful Staff was knowledgeable Other comments	22 11 4 5
INTERPRETIVE SERVICES Nice exhibits Movie was great Heritage Center was nice Junior Ranger program was great Other comments	7 4 2 2 18
FACILITIES/MAINTENANCE It was clean and well-maintained Nice facility Buildings were beautiful Loved the trails Other comments	6 4 3 2 3
POLICIES/MANAGEMENT Comments	6
RESOURCE MANAGEMENT Comments	2
CONCESSION SERVICES Expand book collection Other comments	2 2

<sup>• 44%</sup> of visitor groups (N=111) responded to this question.

Table 20: Additional co         (continued)	mments
Comment	Number of times mentioned
GENERAL COMMENTS	
Enjoyed visit	26
Wonderful monument	8
Needed more time to visit	6
You are doing a great job	6
Interesting visit	5
Visit was informative/educational	5
Will return	5
Was impressed with park	4
Thank you	2
Walked trails	2
Well presented	2
Will recommend park to others	2
Other comments	25

# Table 20: Additional comments

## Appendix 1: The Questionnaire



Homestead National Monument of America Visitor Study OMB Approval 1024-0224 (NPS# 09-012) Expiration date: 05/01/2010

N



United States Department of the Interior

NATIONAL PARK SERVICE Homestead National Monument of America 8523 W. State Highway 4 Beatrice, NE 68310-6743

May - June 2009

IN REPLY REFER TO:

Dear Visitor:

Thank you for participating in this important study. Our goal is to learn about the expectations, opinions, and interests of visitors to Homestead National Monument of America. This information will assist us in our efforts to better manage this National Park Service site and to serve you, our visitor.

This questionnaire is only being given to a select number of visitors, so your participation is very important! It should only take about 20 minutes after your visit to complete.

When your visit is over, please complete this questionnaire. Seal it with the stickers provided on the last page and drop it in any U.S. mailbox.

If you have any questions, please contact Margaret Littlejohn, NPS VSP Director at phone: 208-885-7863, email: littlej@uidaho.edu, or at mailing address: Park Studies Unit, College of Natural Resources, P.O. Box 441139, University of Idaho, Moscow, Idaho 83844-1139.

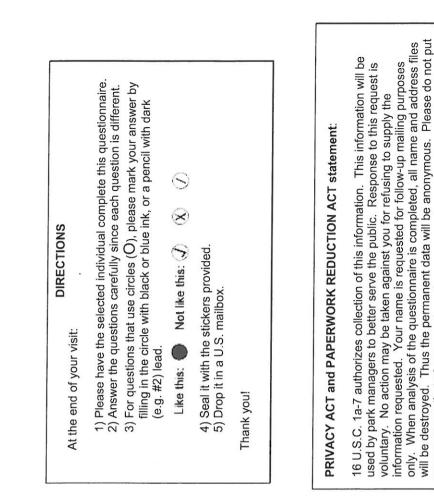
We appreciate your help.

Sincerely,

mark (

Mark Engler Superintendent

Homestead National Monument of America Visitor Study



**Burden estimate statement**: Public reporting burden for this form is estimated to average 20 minutes per survey. Direct comments regarding the burden estimate or any other aspect of this form to Margaret Littlejohn, NPS Visitor Services Project, College of Natural Resources, University of Idaho, P.O. Box 441139, Moscow, ID, 83844-1139; email: littlej@uidaho.edu, phone: 208-885-7863

your name or that of any member of your personal group on the questionnaire. An

agency may not conduct or sponsor, and a person is not required to respond to, a

collection of information unless it displays a currently valid OMB control number.

4	Homestead National Monument of America Visitor Study	Homestead National Monument of America Visitor Study
	Your Visit To Homestead National Monument of America	vour personal aroua heed
ON	NOTE: In this questionnaire, your <b>personal group</b> is defined as anyone that you are visiting the park with, such as spouse, family, friends, etc. This does not include the larger group that you might be traveling with, such as school. church scouts or hour monon	that was not available? Please be specific.
÷.	a) Prior to your visit, how did you and your personal group obtain information	2. On this trip, what was the <b>primary</b> reason that you and your personal group came to the Homestead National Monument of America <b>area</b> ? Please mark ( $\bullet$ ) <b>one</b> .
	about homestead National Monument of America? Please mark (•) all that apply in column (a).	O Resident of the area (within 60 miles of the park) → Go to Question 3
	b) If you were to visit Homestead National Monument of America in the future,	O Visit Homestead National Monument of America
a) Pr	park? Please mark (•) all that apply in column (b).	O Visit other attractions in the area
0	Did not obtain information prior to visit 🌙 Go to part to 4 this curvetion	O Visit friends/relatives in the area
C		O Business
C	Previous visits	O Other (Please specify)
0	Friends/relatives/word of mouth	3 a) On this visit how many hours in total did your and
0	Homestead National Monument of America website: www.nps.gov/home	visiting Homestead National Monument of America?
0	Park's travel information radio station (1610 AM)	Total number of hours (Please list partial hours as 1/4, 1/2, or 3/4.)
0	Travel guides/tour books (such as AAA, etc.)	b) On this visit, did you and your personal group visit Homestead National Monument of America on more than one day?
0	Maps/brochures O	O Yes O No 🏕 Go to Question 4
0	Newspaper/magazine articles	c) If YES, on how many days did you visit the park?
0	Email/telephone/written inquiry to park	Total number of days
0	Television/radio programs/videos	d) On this trip, how many times did you and your personal group enter the park?
0	Other websites O	Number of times entered
0	School class/program	<ol> <li>a) On this visit to Homestead National Monument of America, which park sites did you and your personal group visit? Please mark (•) all that apply.</li> </ol>
0	Local businesses (hotels/motels/restaurants, etc.)	O Education Center O Palmer-Epard Cabin
0	Chamber of commerce/visitors bureau/state welcome center	O Freeman School O Tallgrass Prairie
0	Other (Please specify below) O	O Heritage Center O Trails/Woodland
This visit	visit Future visit	O Other (Please specify)
c)	c) 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?	b) On this visit, did you and your personal group walk/hike the trails within the park?
	O No O Yes ➔ Go to Question 2	O Yes O No

R anal group stayed anal group stayed anal group stayed anal group stayed anal group stayed anal group stayed blease mark (•) all and within e mark (•) one O Did not use O Did not use	or Study up stay overnight. National Monumer Go to Question 8 Uu and your person America area. of the park B, etc. B, etc. B, etc. C No C O	Study stay over tional Mou to Quest of to Quest erica area he park erc. nd nd nd nd No No No No e explain.	visitor S. visitor S. visitor S. visitor and the visitor and so visitor and yo visitor and yo	America / Persona Homeste In No No No No Nithin 60 within 60 within 60 within 60 within 60 within 60 voed can oped can oped can voed can voeve voed can voed can voe voed can voe voed can voe voed can voe voed can voe voed can voe voed can voe voed voe voed voe voe voed can voe voed voe voed voe voed voe voed voe voed voe voed voe voe voed voe voed voe voe voe voed voe voe voed voe voe voed voe voe voe voed voe voe voe voed voe voe voe voe voed voe voe voe voe voe voe voe voe voe voe	ent of A ent of A park)? O O O innal Mc innal Mc inna did inng did ing inng did inng did inng did inng did inng did innal resi inng did innal resi inng did o o o o o o o o o o o o o o o o o o	7       The formestead Mational Monument of America Visitor Study       7         7       a) On this trip, did you and your personal group stay overnight away from your personal within 60 miles of the park/?       0       Yes       0       No > Go to Question 8         0       Yes       0       No > So to Question 8       Non-       So to Question 8         0       Yes       0       No > So to Question 8       So to Question 8         0       Yes       0       No > So to Question 8       So to Question 8         0       Yes       0       No > So to Question 8       So to Question 8         1       If YES, please list the number of nights within 60 miles of the park (within 60 miles of the park (within 60 miles of the park (within 60 miles of the park (milds) that appy.       Didges, hotels, motels, cabins, B&B, etc.         0       Lodges, hotels, motels, cabins, B&B, etc.       Didges, resonal seasonal residence       So to Question 9       Didges         0       RV/trailer camping       Tent camping in developed campground       So to Question 9       Didges         0       RV/trailer camping       Tent camping       O       No       O       Didges         1       RV/trailer camping       Tent camping in developed campground       So to Question 9       Didges       Didges         0       RV	Visitor Study Id encourage Vational at the same e following ark (•) one Extremely t important O O O O O O O O O O O O O O O O O O O		Homestead National Monument of America Visitor Study         nail group did not go on any trails, what would encourage         ails?         arritre's responsibility to protect Homestead National         antural, scenic, and cultural resources while at the same approyment. How important is protection of the following is to you and your personal group? Please mark (●) one         artitre's responsibility to protect Homestead National natural, scenic, and cultural resources while at the same approxement. How important way that homestead Act of 1862 (i.e. do their o i o i o i o i o i o i o i o i o i o	National Mo         d not go on         nic, and cult         Nour person         O	mestead I group dic group dic ce's responsent. Vou and ttribute. Not important. O O O O O O O O O O O O O O O O O O O	6         Homestead National Monument of America Visitor Study you to walk/hike the trails?           5. It is the National Park Service's responsibility to protect Homestead National Monument of America's national countral resources what would encourage measure for each resource/attributes.           5. It is the National Park Service's responsibility to protect Homestead National Monument of America's national countral resources/attributes in you and your personal group? Please mark (●) one answer for each resource/attribute.           8. It is the National Park Service's responsibility to protect Homestead National Monument of America's national countral resources/attributes in your personal group? Please mark (●) one answer for each resource/attribute           8. It is the National Park Service's and your personal group? Please mark (●) one answer for each resource/attribute         0
nt of America, did anyone in your er-led talks/programs? <b>Go to part c of this question</b>	merica, alks/prog	r-led ta	Monumer the range Yes ↓	tional M any of th	ead Nat ate in a	In park	family and		ou might sh	s story that y	the park's	Please list one aspect of the park's story that you might share with friends.
						In local communities						and the second
						State highway						
						Interstate	relevance		mesteading	way that ho	important	, what is the most r life todav?
	ain.	e expla	e, pleas	he abov	any of tl	e) If you answered NO for a	stion	his que:	o part c of t	↑		Yes
					C	d) Signs in the park				aay) c	our lite to	
						d) Signs in the nork	e. do their	1862 (i.	stead Act of	er the Home dav)?	aded und our life to	ople who homeste ave relevance to y
						c) Signs in local communiti	nnection to	sonal cor	make a pers	are able to	el that you	nis visit, do you fee
					0	b) State highway signs	0	0	0	0	0	c views
	9				0	a) Interstate signs	0	0	0	0	0	nic views
e mark (•) one	? Please	equate	rica ade	of Ame	nument		0	0	0	0	0	opportunities
and within	reonal c		v pue n	cting vo	ans dire		0	0	0	0	0	'sounds of nature
			0 D	ו וכומוו	o conce o		0	0	0	0	0	Ð
				r rolotiv			0	0	0	0	0	
			<u>-</u> -	idence	inal rec		0	0	0	0	0	and buildings
		ν	modroi	en henn	lavah n		0	0	0	0	0	opportunities
		elc.	, DØD, 6	, capilis	ind tele		0	0	0	0	0	ky
		4				unat appriy.	0	0	0	0	0	
spend the night(s) please mark (•) all	l group park)? F	ersonal of the p	l your pe 0 miles e	you and within 60	ing did park (		0	0	0	0	0	ibility)
	×	he park	iles of th	in 60 m	hts with			Very important	Moderately important	Somewhat important	Not important	tribute
onal group stayed	ur perso <b>irea</b> .	and you erica <b>a</b>	its you a	r of nigh Ionumer	numbe ional M		e following Irk (●) one	on of the ease ma	Int is protecti al group? Ple	How importa your person	oyment. F you and ttribute.	/iding for public en ources/attributes to or each resource/a
8	lestion	to Qu	♠		0		lational at the same	estead N s while a	protect Home	onsibility to I	ce's respo ural, scer	Vational Park Servint of America's na
it <b>away from your</b> ent of America area	wernigh Monum	stay o itional I	al group tead Na	person	nd your e in the park)?	a)	d encourage	at would	any trails, wh	l not go on	group <b>dic</b> s?	and your personal walk/hike the trail
2		Study	Visitor 5	America	ent of /	Homestead National Monum	isitor Study	nerica V	nument of Ar	Vational Mo	mestead I	ĥ

8 Homestead National Monument of America Visitor Study	Homestead National Monument of America Visitor Study
b) If NO, what prevented you and your personal group from participating in ranger-led talks/programs? Please mark ( $\bullet$ ) all that apply.	e) If NO, what type of information did you and your personal group need that was not available on the park website? Please be specific.
O Not interested	
O Did not have time for this activity	
O Not aware of any ranger-led talks/programs offered at park	f) If you and your personal group did not use the park website, why not?
O Not enough programs offered	
O Other (Please specify)	
c) If you were to visit the park in the future, would you and your personal group be interested in attending ranger-led programs?	11. a) Please mark (●) <b>all</b> the types of exhibits in column (a) that you and your personal group viewed/used during this visit at the Heritage Center.
O Yes, likely O No, unlikely O Not sure	Next, for only those exhibits that you and your personal group viewed/used during this visit at Heritage Center, please provide one response to each of the
<ul><li>d) If YES, what length of program would you and your personal group be most likely to attend? Please mark (•) one.</li></ul>	b) Was the exhibit lighting adequate for viewing?
O Under 1/2 hour O Other (Please specify below)	c) Was the exhibit easy to understand?
O 1/2 - 1 hour	d) Was the exhibit easy to use?
O 1 - 2 hours	rstand? d) Easy 1 rstand? use?
10. a) Did you and your personal group obtain information from the park website (www.nps.gov/home) prior to or during this visit to plan your trip to Homestead	id not view/use any exhibits at Heritage Ce
tional Monument of America?	O Handset exhibits 0 0 0 0 0 0
O Yes O No ➔ Go to part f of this question	O Static exhibits (exhibits that are read O O O O O O O O O O O O O O O O O O O
b) If you and your personal group used the park website, please rate how helpful the website was in planning your visit. Please mark (●) <b>one</b> .	
Not at all Somewhat Moderately Very Extremely helpful helpful helpful helpful helpful	Hands-on non-electronic O interactive exhibits (exhibits 0 0 0 0 0 0
0 0 0	that can be manipulated)
c) Overall, how would you and your personal group rate the quality of information provided on the park website? Please mark (•) one.	e) If you and your personal group <b>did not</b> use the handset exhibits, why not?
Very poor Poor Average Good Very good	
0 0 0	f) If you and your personal group <b>did not</b> use the computer interactive exhibits
d) Did you and your personal group find the information that you needed on the park website?	why not?
O No O Yes ≯ Go to Question 11	

10	Homestead National Monument of America Visitor Study	fisitor Study	Homestead National Monument of America Visitor Study		11
12.a) On with app	12.a) On this visit, in which activities did you and your personal group participate within Homestead National Monument of America? Please mark (	ticipate ) <b>all</b> that	<ul> <li>13. a) Did you and your personal group visit the park bookstore?</li> <li>O Yes O No → Go to Question 14</li> </ul>	tore? nn 14	
b) If yc per	b) If you were to visit the park in the future, in which activities would you and your personal group like to participate? Please mark (●) all that apply in column (b)	ou and your column (b).	b) Are there any sales items that you and your personal group would like to purchase that are not currently available?	group would	d like to
a) Ac	a) Activities on this visit b) Activities on t	uture visit	O Yes O No → Go to Question 14	n 14	
0	Attending ranger-led talks/programs	0	c) If YES, which items would you like to have available for purchase on a future	or purchase	on a future
0	Nature study (birdwatching, wildlife viewing, stargazing)	0	Visit? Please mark (●) all that apply.		
0	Participating in Junior Ranger program	0	<ul> <li>Auditorial publications (pooks, prochures, etc.)</li> <li>List subjects that vou are interested in</li> </ul>		
0	Picnicking	0	O CDs, DVDs, downloadable digital files such as podcasts. MP3 etc.	podcasts. M	P3 etc
0	Researching Homestead records	0	O Additional maps (besides the park brochure map)	(di	
0	Shopping at park bookstore	0	O Other (Please specify)		
0	Walking/hiking trails	0	14. On this visit, were you and your personal group part of the following types of	he following	types of
0	Watching movies/videos	0	organized groups?		
С	Viewing exhibits at Education Center		a) Commercial guided tour group Ο Υes	0	No
) (			b) School/educational group O Yes	0	No
C	Viewing museum exhibits at Heritage Center	C	c) Historical society/club	0	No
0	Viewing trailside exhibits	0	urch) O	0	o No
n/a	Attending restoration of farm equipment demonstrations	0	e organized groups.	many neonle	including
n/a	Attending a Native American pow-wow	0	yourself, were in this group?		2
n/a	Attending a continuing education class	0	Number of people in organized group		
n/a	Camping	0	15. a) On this visit, which type of personal group (not guided tour/school/ historical society/other organized aroup) were vou with? Please mark ( ) only one	d tour/school	/ historical
n/a	Horseback riding	0	O Alone O Friends	spi	
n/a	Learning craftwork	0	O Family O Fam	Family and friends	, co
n/a	Recreational fishing	0	O Other (Please specify)		
0	Other (Please specify below)	0	b) On this visit, how many people were in your personal group, including	ll group, inclu	guipr
This visit	Future visit		yourseir? Number of people in personal group		

12		Homeste	ead Natior	Homestead National Monument of America Visitor Study	lent of Ar	nerica Vis	itor Study	Homestead National Monument of America Visitor Study
<ul> <li>c) On this visit, how r arrive at the park?</li> </ul>	isit, how the park?	On this visit, how many vehicles did you and your personal group arrive at the park?	les did yo	u and you	r persone		use to	<ol> <li>Were you and your personal group aware that special needs equipment (listening devices, white gloves, etc.) is available to visitors?</li> </ol>
z 	umber of	Number of vehicles used in personal group	sed in per	sonal grou	dr			O Yes O No
<ol> <li>For you and your personal group on this visit, please provide the following. (If you do not know the answer, leave blank).</li> </ol>	f your per mow the	rsonal grou answer, lea	p on this v ave blank)	visit, pleas	e provide	the follov	ving. (If	b) Does anyone in your personal group have a physical condition that made it
	a) b	b) U.S. ZIP code or name of	c) N ode Hor	c) Number of visits to Homestead National		d) Des some	d) Descendent of someone who	ommcut to access or participate in park activities or services? O Yes O No ➔ Go on to Question 19
0	ent	country other than U.S.		(including this visit) since May 2007		Homes	Homesteaded under the Homestead Act of 1862?	at services or activities
Yourself					0	O Yes	0 N	d) Did volt and volt bereavel group up on the provide the second second group and second
Member #2					0	) Yes	0 No	
Member #3					0	) Yes	oN O	res /ES. was the special nee
Member #4					0	) Yes	0N No	
Member #5					0	) Yes	0N No	19 a) & h) (When visiting an arrow and how we have a set of the se
Member #6					0	) Yes	°N O	America, which one large such as homestead National Monument of America, which one language do you and most members of your personal aroun prefer to use for the farmericanal
Member #7					0	) Yes	0 No	a) Speaking: O English O Othor (Society)
<ol> <li>Are you or members of your group Hispanic or Latino? Please mark (         <ul> <li>one for each group member.</li> </ul> </li> </ol>	member	's of your g nber.	roup Hisp;	anic or Lat	tino? Plea	ase mark	(e) one	O Enalish O
	Yourself	Member #2	Member #3	Member Member Member #3 #4 #5 #6	Aember N #5	Member #6	Member #7	r opinion, what services in the
Yes, Hispanic or Latino	0	0	0	0	0	0	0	ourer unan Errighshi? Friedse specify a service of mark (●) "None."
No, not Hispanic or Latino	0	0	0	0	С	С	C	
b) What is your race? What is the race of each member of your personal group? Please mark (a) one or more for your and one armore for your personal group?	ur race?	What is your race? What is the race of each member of your pe	e race of e	ach memt	per of you	ur persona	al group?	zo. For you only, what is the highest level of education you have completed? Please mark (•) only one.
	<b>b</b> ( - ) <b>v</b>	Member	Member	Nember Member Member	Member I	har	Member	O Some high school O Some college O Graduate degree
	Yourself	#2		#	#5		#7	
American Indian or Alaska Native	0	0	0	0	0	0	0	. Homestead National Monumen
Asian	0	0	0	0	0	0	0	appropriate way to commemorate these are not opinion, what would be the most Monument of America? Please mark (e) one
Black or African American	0	0	0	0	0	0	0	O A series of events during 2012
Native Hawaiian or other Pacific	0	0	0	0	0	0	0	O As a weeklong event in 2012
White	0	0	0	0	0	0	0	O As an event in a series of commemorations held at this and other national park sites or locations

	d) Were you and you	Were you and your personal group aware that you can make the following	e that you can	make the f	ollowing
		s to the park?			BillMolio
O Yes O No ➔ Go on to Question 23	Financial	0	Yes	0	No
	Non-financial (volunteer services)	unteer services) O	Yes	0	No
	Bequest	0	Yes	0	No
For you and your personal group, please estimate all expenditures for the items listed below for this visit to Homestead National Monument of America <b>area</b> (within 60 miles of the park). <b>Please write "0" if no money was spent in a</b> <b>particular category.</b>	24. If you were a manage of America what woul	If you were a manager planning for the future of Homestead National Monument of America what would you and your personal group propose?	e of Homestea al group propo	ld National ise?	Monument
a) Please list your group's total expenditures inside Homestead National Monument of America.					
b) Please list your group's total expenditures in the area outside the park (within 60 miles of the park).					
NOTE: Surrounding area residents should only include expenditures that were just for this trip to Homestead National Monument of America. EXPENDITURES a) Inside park b) Outside park	25. Is there anything else your visit to Homeste:	Is there anything else you and your personal group would like to tell us about your visit to Homestead National Monument of America?	l group would l of America?	like to tell u	is about
Lodges, hotels, motels, cabins, B&B, etc. n/a \$					
Camping fees and charges \$\$					
Guide fees and charges	26. Overall, how would yo	Overall, how would you rate the quality of the facilities, services, and	e facilities, ser	vices, and	
Restaurants and bars n/a \$	Homestead National I	recreational opportunities provided to you and your personal group at themestead National Monument of America during this visit? Please mark (•)	la your person during this visit	ai group ai t? Please r	nark (●)
Groceries and takeout food \$	Very poor P	Poor Average	Good	Very	Very good
Gas and oil (auto, RV, boat, etc.) n/a \$	0	0	0		0
Other transportation expenses n/a \$	-	at re	nual househol	d income?	Please
Admission, recreation, entertainment fees n/a \$	O Less than \$24,999	9 O \$50,000-\$74,999	O 666		\$150,000-\$199,999
\$	O \$25,000-\$34,999	O \$75,000-\$99,999	O 666		\$200,000 or more
	O \$35,000-\$49,999	O \$100,000-\$149,999	O 666'6		Do not wish to answer
Donations \$\$ c) How many people do the above expenses cover?	b) How many people	b) How many people are in your household?		Number of people	people
Adults (18 years or over) Children (under 18 years) Please write "0" if no children were covered by the expenditures.	Thank you for your help! Please seal the questionnaire with the stickers provided and drop it in any U.S. mailbox.	Please seal the questi ailbox.	onnaire with the	e stickers p	e stickers provided

### **Appendix 2: Additional Analysis**

The Visitor Services Project (VSP) offers the opportunity to learn more from VSP visitor study data through additional analysis. Two-way and three-way cross tabulations can be made with any questions.

Below are some examples of the types of cross tabulations that can be requested. To make a request, please use the contact information below, and include your name, address and phone number in the request.

- 1. What proportion of family groups with children attend interpretive programs?
- 2. Is there a correlation between visitors' ages and their preferred sources of information about the park?
- 3. Are highly satisfied visitors more likely to return for a future visit?
- 4. How many international visitors participate in hiking?
- 5. What ages of visitors would use the park website as a source of information on a future visit?
- 6. Is there a correlation between visitor groups' rating of the overall quality of their park experience, and their ratings of individual services and facilities?
- 7. Do larger visitor groups (e.g., four or more) participate in different activities than smaller groups?
- 8. Do frequent visitors rate the overall quality of their park experiences differently than less frequent visitors?

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 3: Decision Rules for Checking Non-response Bias

Non-response bias is one of the major threats to the quality of a survey project. It affects the ability to generalize from a sample to general population (Salant and Dillman 1994; Dillman, 2007; Stoop 2004; Filion 1976; Dey 1997). Since non-response bias is usually caused by participants failing to return their questionnaires, a higher response rate is more desirable. However, higher response rates do not guarantee low non-response bias. Researchers have suggested different methods to detect non-response bias. The most common variables used to detect non-response bias are demographic variables. Some researchers such as Van Kenhove (2002), Groves (2000) also suggest that saliency of topic has an effect on response rate. In this visitor study, visitor satisfaction (overall quality rating) could be considered as one of the salient factors as we aim to collect opinions from both unsatisfied and satisfied visitors. There are also several methods for checking non-response bias suggested in the literature. We decided to follow the method suggested by Groves (2006), De Rada (2005), and Rogelberg and Luong (1998) to compare the demographic characteristics as well as satisfaction scores of respondents in three different mailing waves. This seems to be the most suitable method because the visitor population is generally unknown.

Respondents were categorized based on the date their questionnaire was received. The first wave is defined as surveys received before the 1<sup>st</sup> replacement was mailed, the second wave is between 1<sup>st</sup> and 2<sup>nd</sup> replacement and the third wave contains surveys received after the 2<sup>nd</sup> replacement. Analysis of variance was used to detect differences in age, distance of travel to the park, and overall quality rating scores among different mailing waves.

A Chi-square test was used to detect the difference in education levels at different mailing waves. The hypothesis was that group types are equally represented. If the p-value is greater than 0.05, the difference in group type is judged to be insignificant.

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

- 1. Respondents of different mailing waves had the same average age.
- 2. On average, respondents of different mailing waves traveled the same distance to the park.
- 3. Respondents of different mailing waves had the same average satisfaction scores.
- 4. Respondents of different education levels are equally represented in different mailing waves.

Table 3 shows no significant difference in travel distance and overall quality rating. Table 4 shows no significant difference in level of education between early and late responders. There is a significant difference in age. This indicates that while results pertaining to visitors' opinions about the park may not be biased toward any groups, visitors under 50 years old may be underrepresented.

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## **Appendix 4: 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)

- 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

#### 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)

- 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

#### 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

- 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)

#### 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

- 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)

#### 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 NHS
- 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
- 199. Everglades National Park (winter and spring)
- 200. Horseshoe Bend National Military Park (spring)
- 201. Carl Sandburg Home National Historic Site (spring)
- 202. Fire Island National Seashore resident (spring)
- 203. Fire Island National Seashore visitor
- 204. Capitol Reef National Park
- 205.1 Great Smoky Mountains National Park (summer)
- 205.2 Great Smoky Mountains National Park (fall)
- 206. Grand Teton National Park
- 207. Herbert Hoover National Historic Site
- 208. City of Rocks National Reserve

## 2009

- 209. Fort Larned National Historic Site
- 210. Homestead National Monument of America

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.

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