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Vol. 1 of 5

ORGAN PIPE CACTUS NATIONAL MONUMENT
ARIZONA

REPORT ON THE 1989 VISITOR USE SURVEY

United States Department of the Interior
National Park Service
Denver Service Center
Western Team
Branch of Planning

March 9, 1990

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Executive Summary

This summary is based on 561 questionnaires returned out of 650. Percentages of total respondents are given in descending order of importance in most cases.

Day of Arrivial	% of Total
Thursday	16.9
Tuesday	14.3
Monday	13.7
Friday	13.5
Wednesday	13.4
Sunday	9.8
Saturday	8.9

Time of Arrival	% of Total
Noon-4pm	36.5
9AM-Noon	32.3
PM	7.5
1AM-9AM	6.1
AM	4.3
4PM-8PM	3.9

Places Visited	% of Total
Ajo Mountain Drive	52.2
Desert View Nature Trail	42.8
Puerto Blanco Drive	35.3
Quitobaquito Springs	29.2
Mexico	28.5
Victoria Mine	20.0
Senita Basin	17.8
Bull Pasture	10.9
Bates Well	9.8
Alamo Canyon	9.4
Blankenship-Gachado historic sites	8.9

Activities of Visitors	% of Total
Visitor Center	94.5
Commercial services at Lukeville	59.9
Camping in RV in Main Campground	56.5
Hike/walk trail more than 1 hour	45.6
Hike/walk trail less than 1 hour	44.2
Attend evening program	39.2
Picnic	31.9
Nature study	29.4
Ranger guided walk/talk	26.9
Stay overnight in Lukeville	10.7
Day hike cross-country (no trail)	7.5
Overnight in tent, Main Campground	2.1
Overnight, Alamo Primitive Campground	2.1
Backpack overnight	1.4

Overnight Visitors	% of Total
1-2 nights	33.5
3-4 nights	20.7
5-7 nights	11.0
8+	9.8
No reply	25.0

Day Visitors	% of Total
3-4 hours	11.8
1-2 hours	8.2
5-8 hours	2.3
No reply	77.7

Number in Group	% of Total
2	61.3
4	19.3
5+	8.8
1	4.3
3	3.9

Types of Groups	% of Total
Family	64.5
Friends	15.9
Alone	8.6
Family and Friends	6.9
Organized Group	0.9

Age Ranges of Visitors	% of Total
60-69	54.1
70+	19.1
50-59	17.1
40-49	4.6
30-39	3.1
21-29	1.4
<20	0.6

Origins of Visitors	% of Total
California	18.1
Arizona	11.8
Oregon	9.4
Washington	9.4
Canada	6.3
Utah	3.8
Michigan	3.7
Colorado	3.6
Others, each	<2.0

Times Visited	% of Total
1st	58.8
2nd	20.8
3rd	7.0
6+	5.9
4th	4.7
5th	2.8

Facilities and Services -- How Useful?

	Extremely	Very	Moderately	Somewhat	Not
Visitor Center	52.2	29.9	8.7	1.4	2.3
Campgrounds	42.6	14.8	3.9	1.4	2.7
Restrooms	46.7	24.6	8.7	3.4	3.0
Lukeville	8.9	17.5	19.6	11.4	4.6
Evening Programs	18.4	15.5	5.7	2.3	2.5
Guided Walks	17.3	13.7	4.6	1.4	2.5
Directional Signs	43.7	26.2	8.6	3.2	2.9
Publications	37.3	28.9	5.0	3.0	2.0

Attributes of the Monument -- How Important?

	Extremely	Very	Important	Somewhat	Not
Scenery	81.1	10.3	2.9	0.9	2.1
Solitude	52.2	20.0	12.1	5.3	3.2
Climate	48.0	25.3	13.9	3.4	3.9
Plants	64.3	19.8	7.3	2.0	2.0
Animals	44.2	18.5	14.1	5.5	2.3
Interpretation	23.4	21.0	13.4	7.0	6.4
Waysides	30.5	31.2	13.5	6.6	2.9
Historic Sites	21.2	20.9	16.2	8.0	5.3
Night Sky	42.8	15.0	9.8	3.4	5.3
Quitobaquito	13.0	10.3	9.8	5.9	9.4

Types of Vehicles Used	% of Total
Passenger Vehicle	37.7
Recreational Trailer >25 feet	15.0
Single - vehicle RV <25 feet	14.9
Recreational Trailer <25 feet	12.3
Single - vehicle RV >25 feet	10.5
4x4 vehicle	8.8
Motorcylce	0.8

Opinion on Dirt Roads	% of Total
No change	49.6
Improve	36.4
No opinion	8.9
Remove	0.7

How to Improve Dirt Roads	% of Total
Other	41.7
Pave	39.5
Widen	17.0
Straighten	1.8

Opinion of Trails	% of Total
Change	40.6
No opinion	32.0
No change	27.4

Trail Changes Recommended	% of Total
Incease number of trails	30.7
Greater range of lengths	20.6
Greater range of primitive trails	14.9
Other	13.2
Greater range of flat/steep trails	10.5
Increase maintenance	10.1
Decrease number of trails	0.0

Introduction

This report is based upon a tabulation of the responses from the questionnaires given out in Organ Pipe Cactus National Monument, Arizona, during the week of January 29, 1989 through February 4, 1989. Out of the 650 questionnaires handed out in the monument, 561 were returned, which represents a return rate of 86.3 percent and is the sample-size number (N) used for most questions. Some questions have larger N numbers because more than 561 persons answered a particular question as when all the occupants of the respondents' vehicles were asked their age. The report of tabulated data is attached as an appendix.

Data Presentation and Format of this Report

Each subquestion of the first twelve questions is analyzed and reported upon by way of a bar graph and a text that summarizes it. The last three questions call for open-ended, written comments and were not tabulated. They are summarized in this report.

Analysis

Question 1A: Day of Arrival (Figure 1)

This part of Question 1 asks what day of the week the visitor arrived at the monument. People arrive nearly uniformly throughout the week but less frequently on weekends. Most visitors arrive on Thursday. Perhaps the reason for this arrival pattern is that travelers see the monument as a destination point and want to get there before the weekend to find a camping spot.

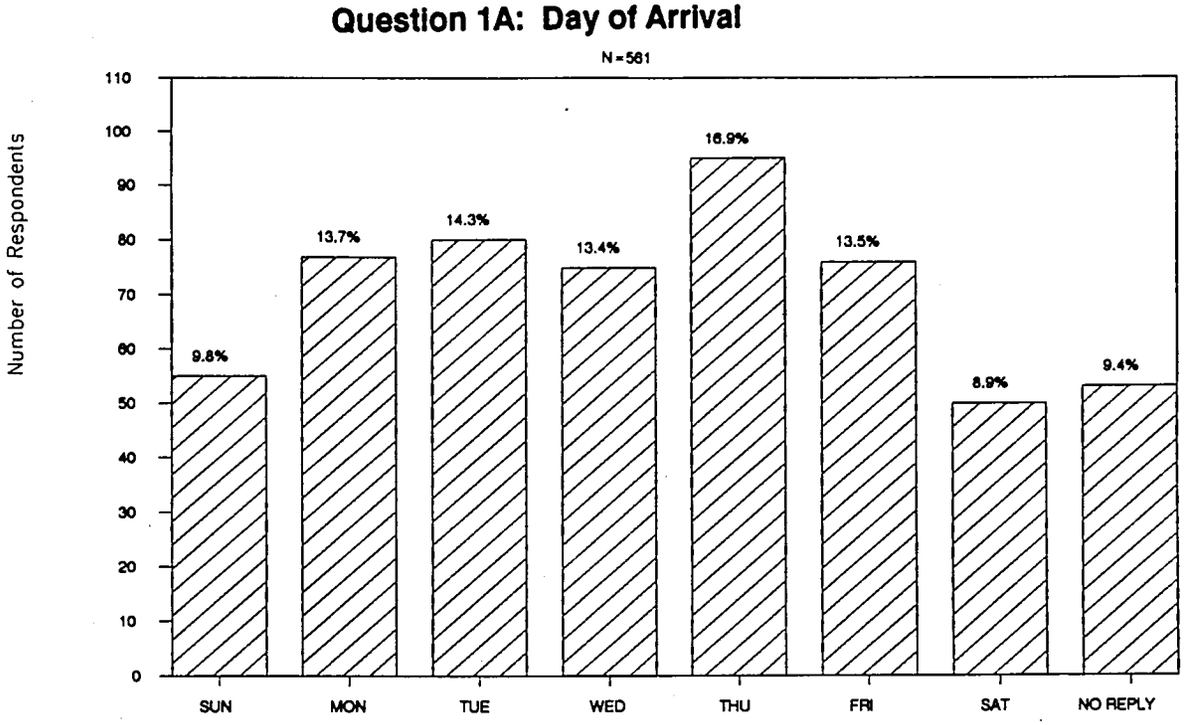


Figure 1

Question 1B: Time of Arrival (Figure 2)

The second part of Question 1 asks the time of day of arrival. By far, the two most active periods of arrival are noon to 4 p.m. and 9 a.m. to noon. This pattern again probably indicates a need to obtain a campsite early in the day. It may also mean that some visitors spend a short time in the monument and then drive on to other destinations.

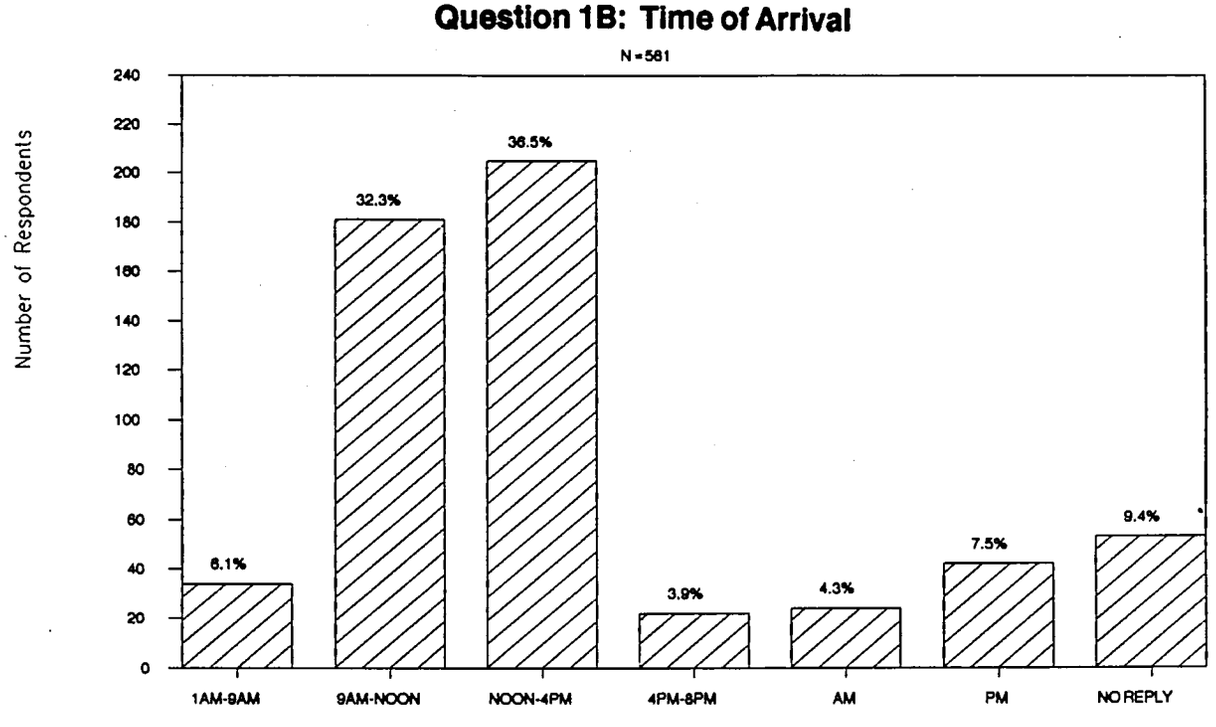


Figure 2

Question 2A: Sites Visited (Figure 3)

Question 2 asks for an indication if certain sites were visited within the monument. The first graph (Figure 3) shows that the pattern is to visit Ajo Mountain Drive and the Desert View Nature Trail. The visitation rates are much lower for Bull Pasture, Alamo Canyon, Bates Well, and the Blankenship (Dos Lomitas Ranch)-Gachado Historic Sites.

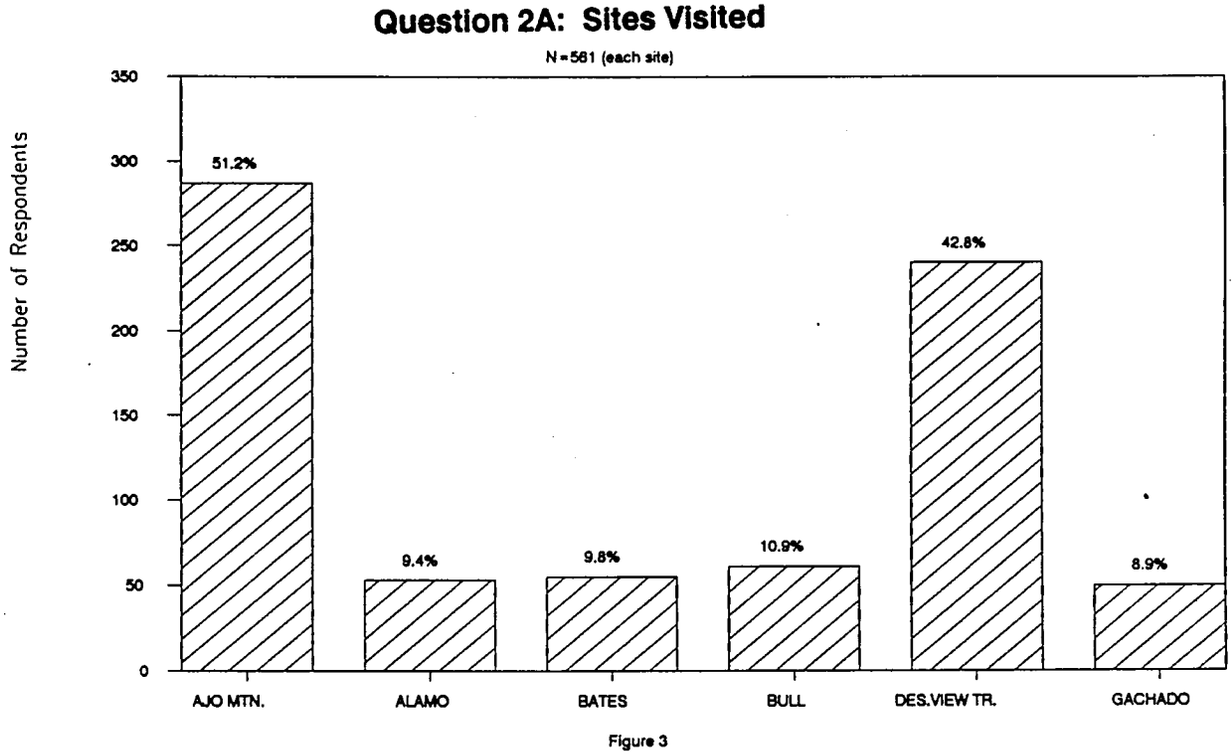


Figure 3

Question 2B: Sites Visited (Figure 4)

The second graph for Question 2 (Figure 4) shows that the visitation rates for Puerto Blanco Drive, Quitobaquito Springs, Mexico, Victoria Mine, and Senita Basin are less than Ajo Mountain Drive and the Desert View Nature Trail but more than Bull Pasture, Alamo Canyon, Bates Well, and the Blankenship (Dos Lomitas)-Gachado Historic Sites (Figure 3).

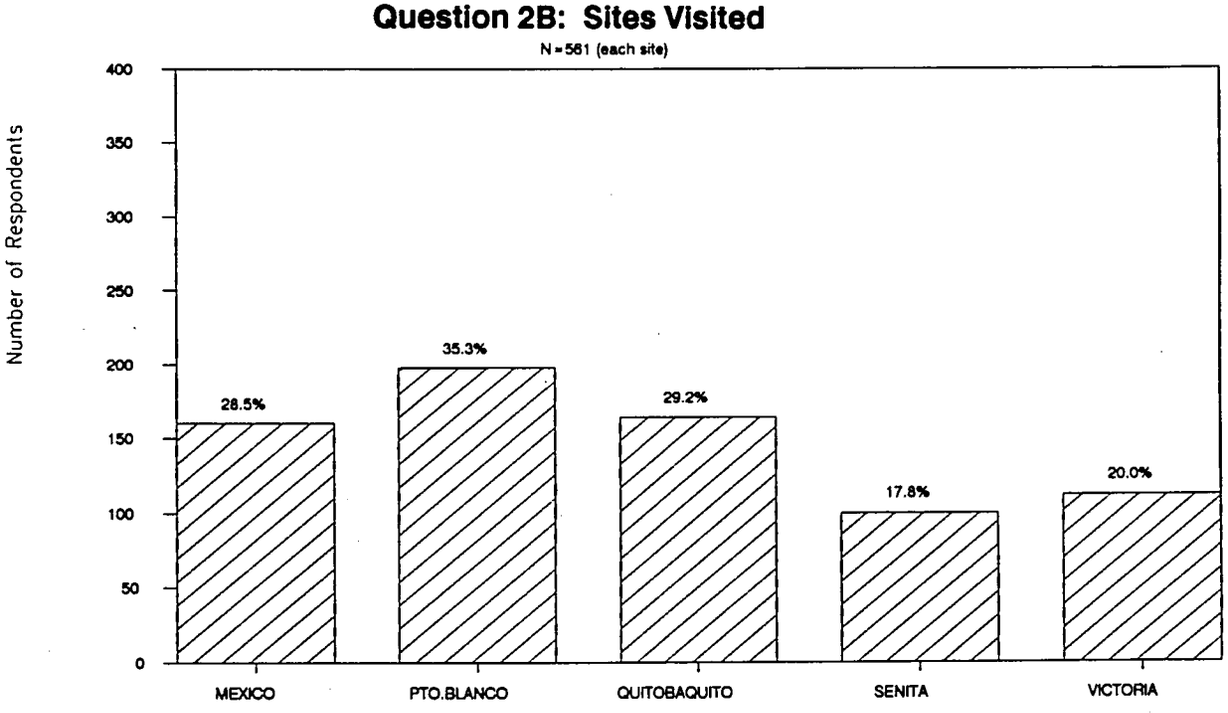


Figure 4

The trend appears to be for visitors to see those sites that are relatively close to the Visitor Center--Ajo Mountain Drive, Desert View Nature Trail, and Victoria Mine--and then to drive farther to experience some of the monument's hinterland for natural-resources appreciation: Puerto Blanco Drive, Quitobaquito Springs, and Senita Basin. The pattern suggests that about half of those who take the Desert View Nature Trail near the Visitor Center walk from there to Victoria Mine. The other sites that are less visited are places for camping, hiking, or appreciating history such as Alamo Canyon, Bull Pasture, or the Dos Lomitas-Gachado ranching sites.

Please note that because of adverse weather conditions both Ajo Mountain Drive and Puerto Blanco Drive were closed during the first third of the survey. Thus, the visitation figures for these sites might normally be higher during a comparable period in January or February.

Question 3A: Visitors' Activities (Figure 5)

A range of activities is listed in Question 3, calling for an indication of which ones were engaged in at the monument. The fifteen activities are presented in three graphs (Figures 5, 6, and 7) in the order that they appear on the questionnaire. Figure 5 shows that the highest number of respondents (94.5%) say that they stopped at the Visitor Center, and that the number camping in the Main Campground with a recreational vehicle was the third highest (56.5%). Picnicking occurs at a significant but lower rate. Camping overnight in a tent in the Main Campground or at Alamo Canyon both have quite low rates.

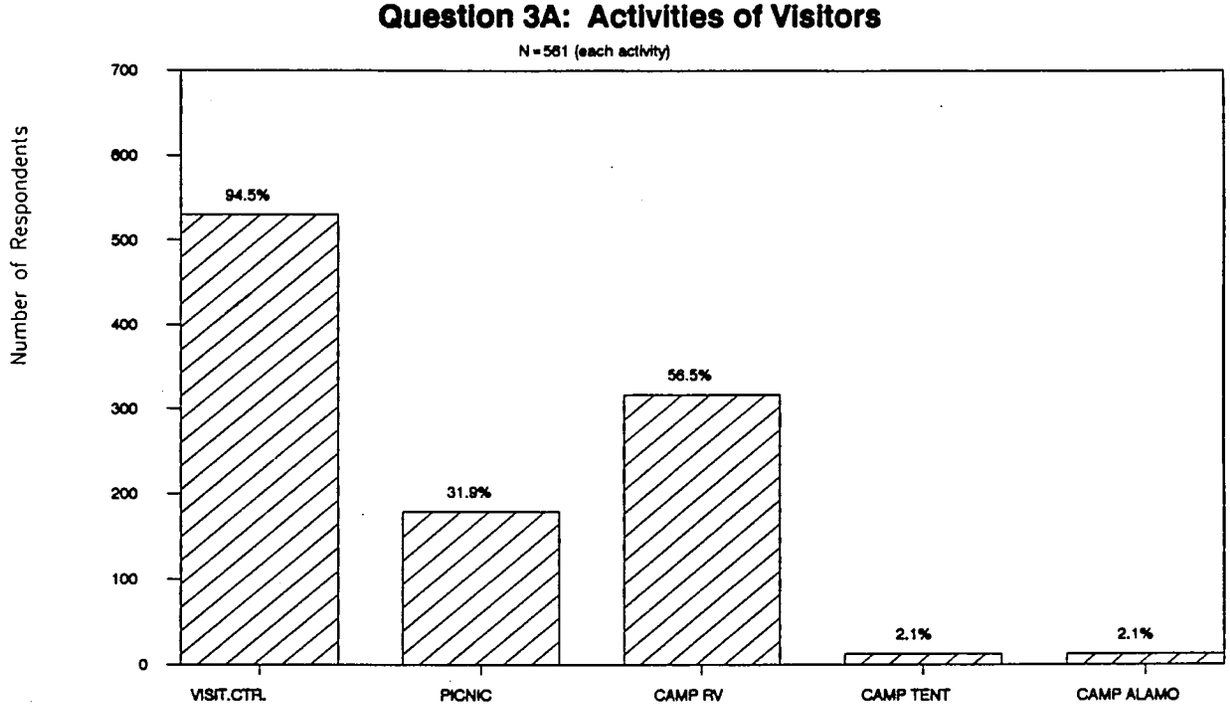


Figure 5

Question 3B: Visitors' Activities (Figure 6)

The second graph of Question 3 (Figure 6) shows that using the commercial services at Lukeville is the second highest activity (59.9%) of the fifteen listed. Attending an evening program, nature study, and participating in a ranger-led walk or talk had response rates approximately comparable to picnicking (Figure 5).

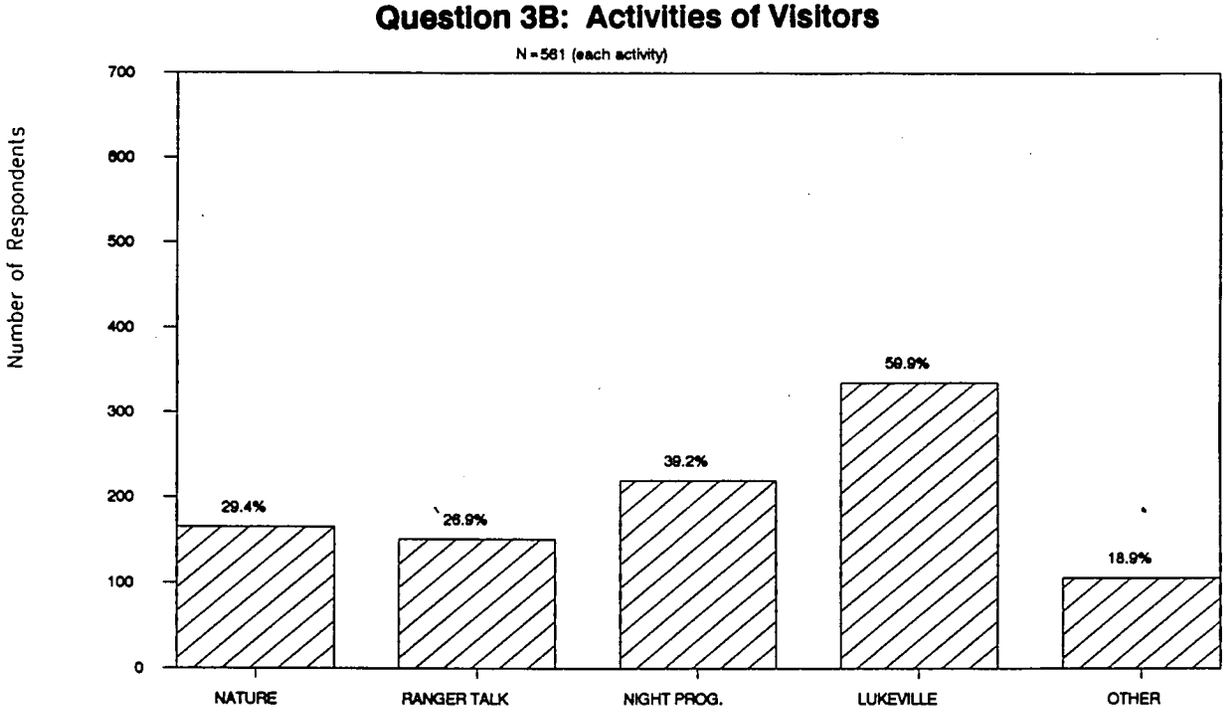


Figure 6

Question 3C: Visitors' Activities (Figure 7)

The responses illustrated by the third graph (Figure 7) show that hiking or walking more than one hour and hiking or walking less than one hour occur nearly equally and are significant activities. Activities occurring less frequently include staying overnight in Lukeville, day hiking cross-country not on a trail, and backpacking overnight.

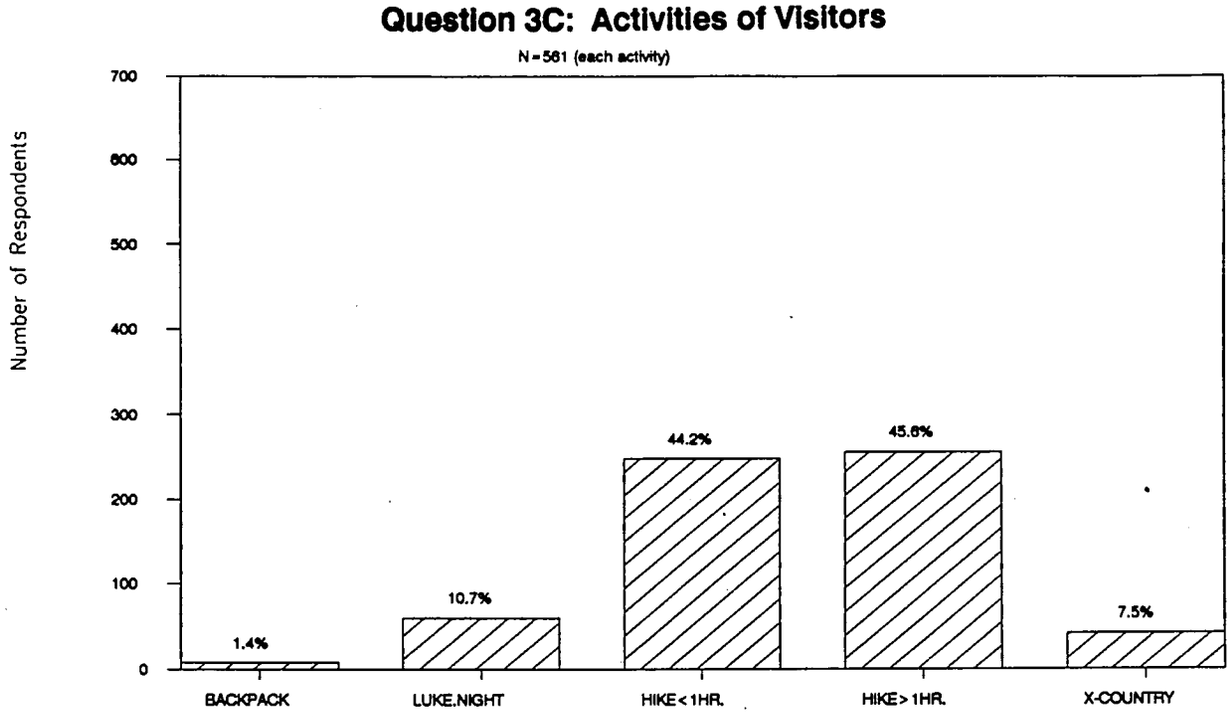


Figure 7

In sum, the pattern revealed by Question 3--parts A, B, and C--appears to be one of heavy recreational-vehicle camping and light camping with a tent. Almost 60% of the visitors indicate use of Lukeville for commercial services, which suggests that the grocery store, cafe, and other facilities there are meeting some very real sustenance needs of the visitors. Close to one-half of the visitors appear to hike or walk with longer versus shorter walks occurring about equally. About one-third say they picnic, partake of nature study, and take advantage of ranger-led talks and walks. The dominant use of the monument appears to be by recreational-vehicle campers who take moderate walks on designated trails and definitely support the evening interpretive programs. At a little over 1%, overnight back-country use is the activity with the lowest rate of participation.

Question 4A: Overnight Visitors (Figure 8)

Question 4A asks if the visitor stayed overnight in or in the vicinity of the monument. Figure 8 shows that about 75% of the respondents stayed one or more nights. One-third stayed one to two nights. One-fifth stayed three to four nights. Approximately one-tenth stayed five to seven nights with another tenth remaining eight or more nights.

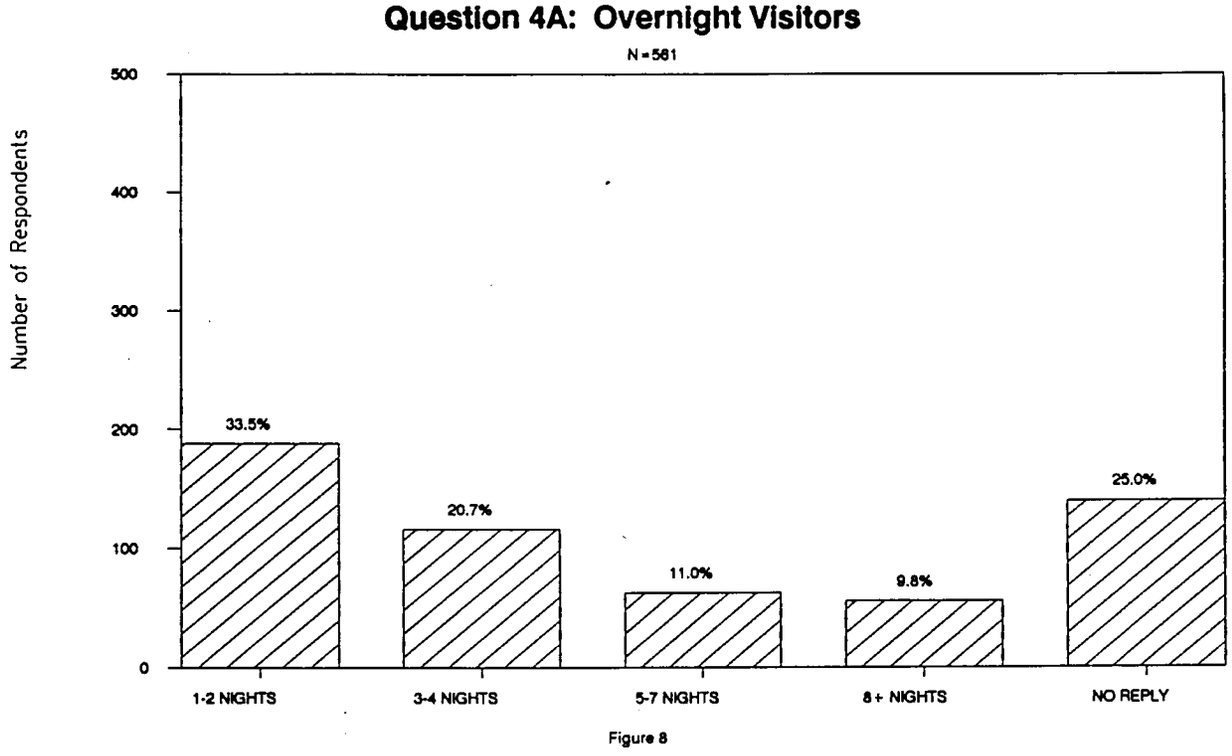


Figure 8

Question 4B: Day Visitors (Figure 9)

The visitor was asked how many hours he or she spent in the monument if not staying overnight. Close to 12% of our sample of visitors remained three to four hours; 8.2% one to two hours; and 2.3% five to eight hours. The responses of day visitors complement those of overnight visitors. The pattern is for approximately three-fourths of the monument's visitors to stay for one or more nights and for one-fourth to be day visitors only.

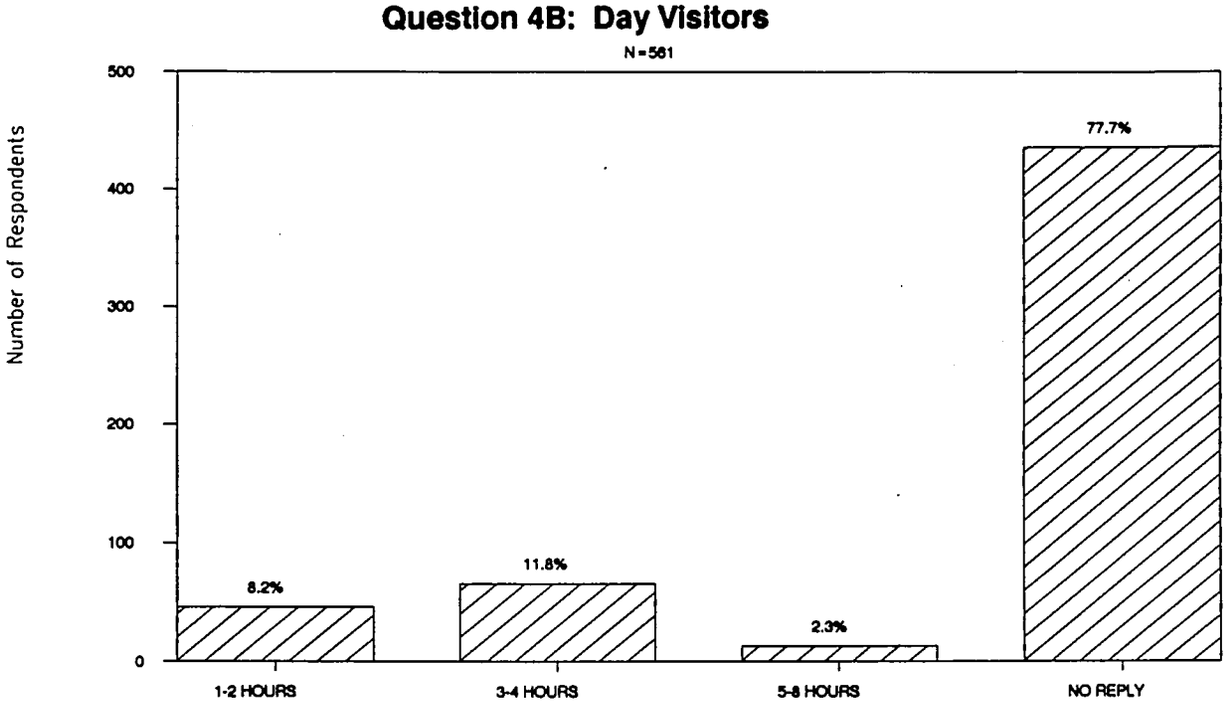


Figure 9

Question 5: Number of Persons in Group (Figure 10)

Respondents were asked the number of persons in their group visiting the monument. Groups of two (61.3%) and four (19.3%) appear as the predominant types. Less than 10% were in a group of five or more. And those arriving alone or with two others constituted 4.3% and 3.9%, respectively.

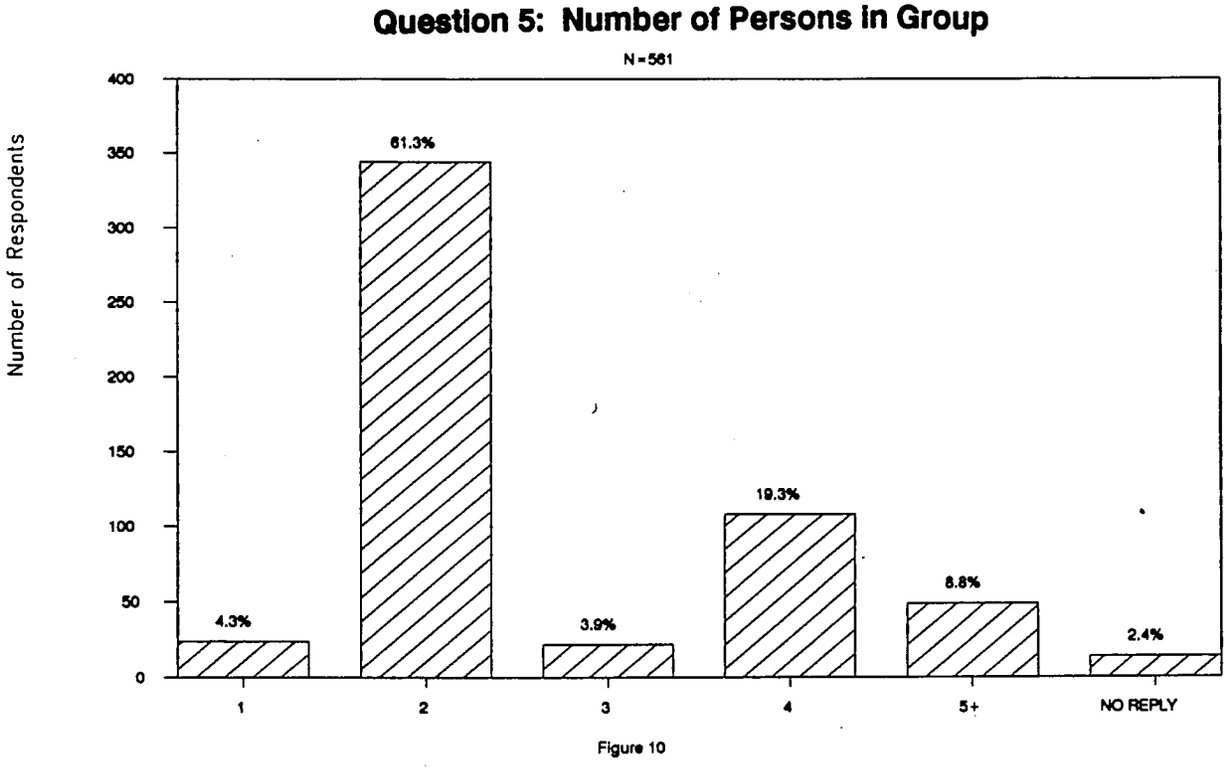


Figure 10

Question 6: Types of Groups (Figure 11)

This question asks for the categories of persons that made up a particular group. As shown in Figure 11, almost 65% said they were with relatives in a family group. About 16% indicated they were with friends. Those traveling alone added up to 8.6%. Close to 7% said family and friends, and formal, organized groups made up less than 1%. The category of "other" was 1.2% and seems to be mostly made up of scientific researchers who felt they did not fit into the other types.

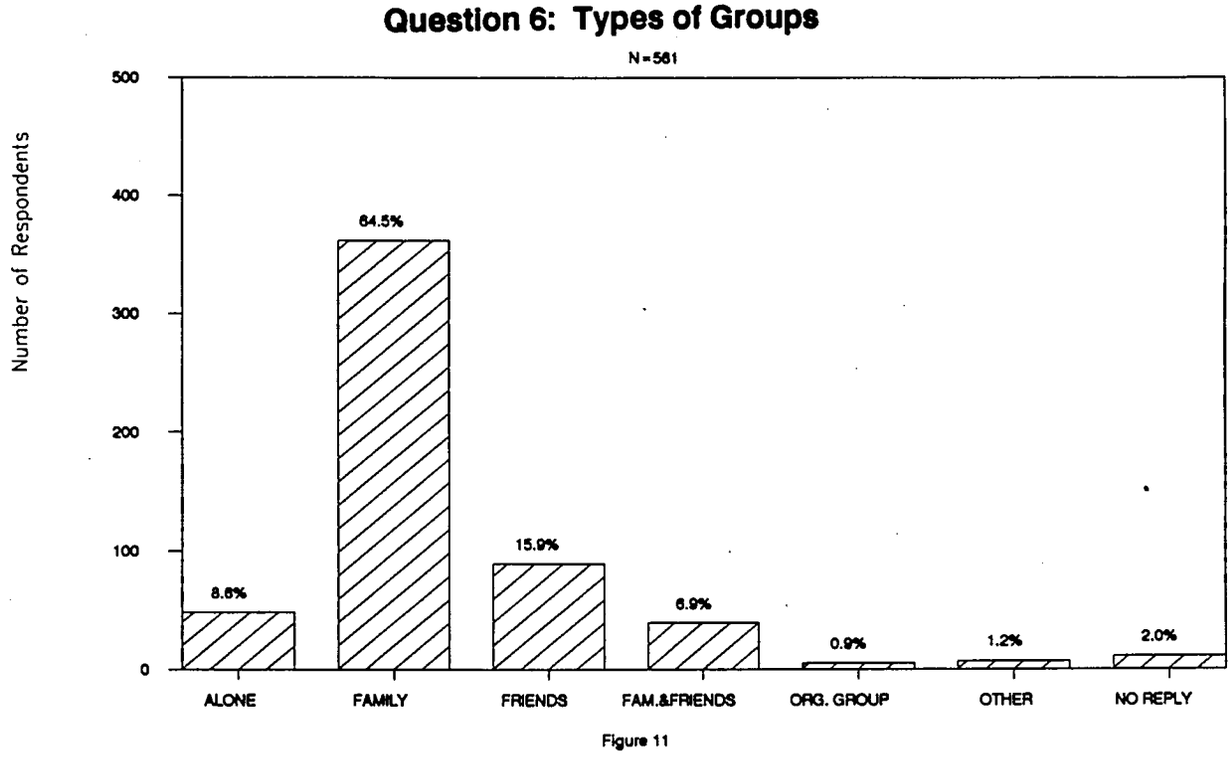


Figure 11

Question 7A: Age Ranges of Visitors (Figure 12)

The questionnaire provides for each member of a group up to and including five to give their age. A total of 1,362 people revealed their age as Figure 12 shows. Persons between the ages of 60 and 69 comprise the predominant group (54.1%). The next highest is the group over 70 (19.1%). Those aged 50 through 59 constitute the third highest (17.1%). Individuals under 50 make up less than 10% of the visitors.

The monthly public-use reports for the monument in recent years indicate that March has the highest visitation rate with February and January having the second and third highest rates, respectively. July has the lowest rate while August and June have the second and third lowest rates of visitation. It is quite possible that more young people may use the monument in the summer than in the early spring and winter when older people predominate.

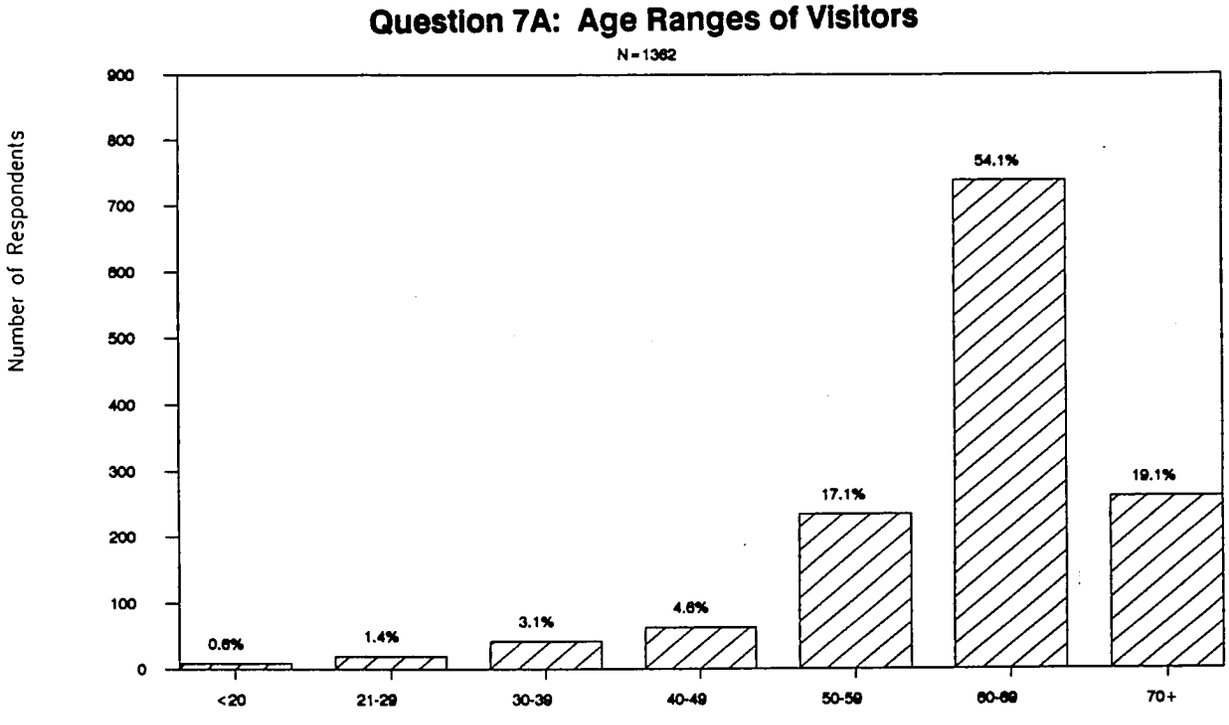


Figure 12

Question 7B: Geographical Origins of Visitors (Figure 13)

Visitors from the United States were asked to provide the postal zip code of their permanent residence and foreign visitors the name of their country. A total of 1,271 respondents gave this information. The highest number or 18.1% came from California followed by Arizona with 11.8%. The states of Oregon and Washington were equal with 9.4% each. Canada had 6.3%. Utah, Michigan, and Colorado were close with 3.8%, 3.7%, and 3.6%, respectively.

The states of Florida, Idaho, Illinois, Missouri, Montana, Nebraska, Nevada, New Mexico, New York, Ohio, and Texas each comprised at least 1% of the visitors surveyed. Three other countries in addition to Canada were represented in the survey--The Netherlands, West Germany, and Switzerland with a combined rate of less than 1%. No visitors were recorded from Mexico.

Question 7B: Origins of Visitors

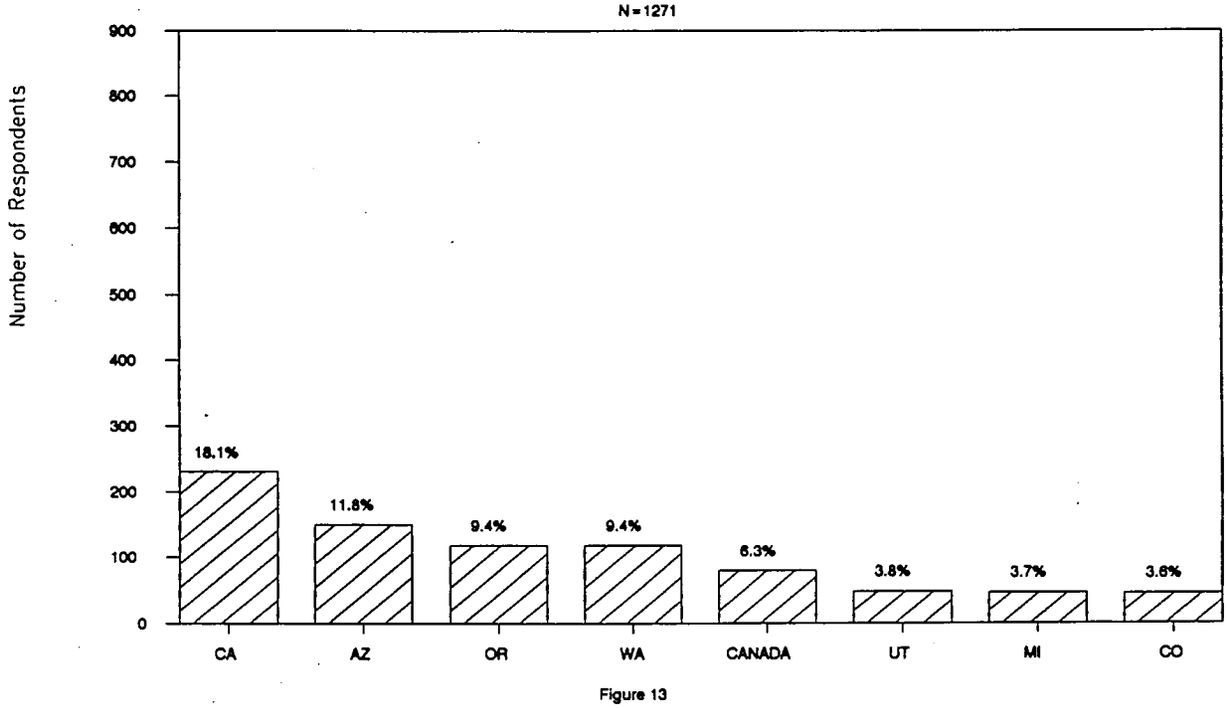


Figure 13

Question 7C: Times Visited (Figure 14)

Of the 1,306 people who answered how many times they have visited the monument, 58.8% were first-time and 20.8% second-time visitors. Over 41% were repeat visitors, including 7.0% third-timers and 5.9% sixth-timers or more. Fourth-timers and fifth-timers comprise the lowest representation, 4.7% and 2.8%, respectively.

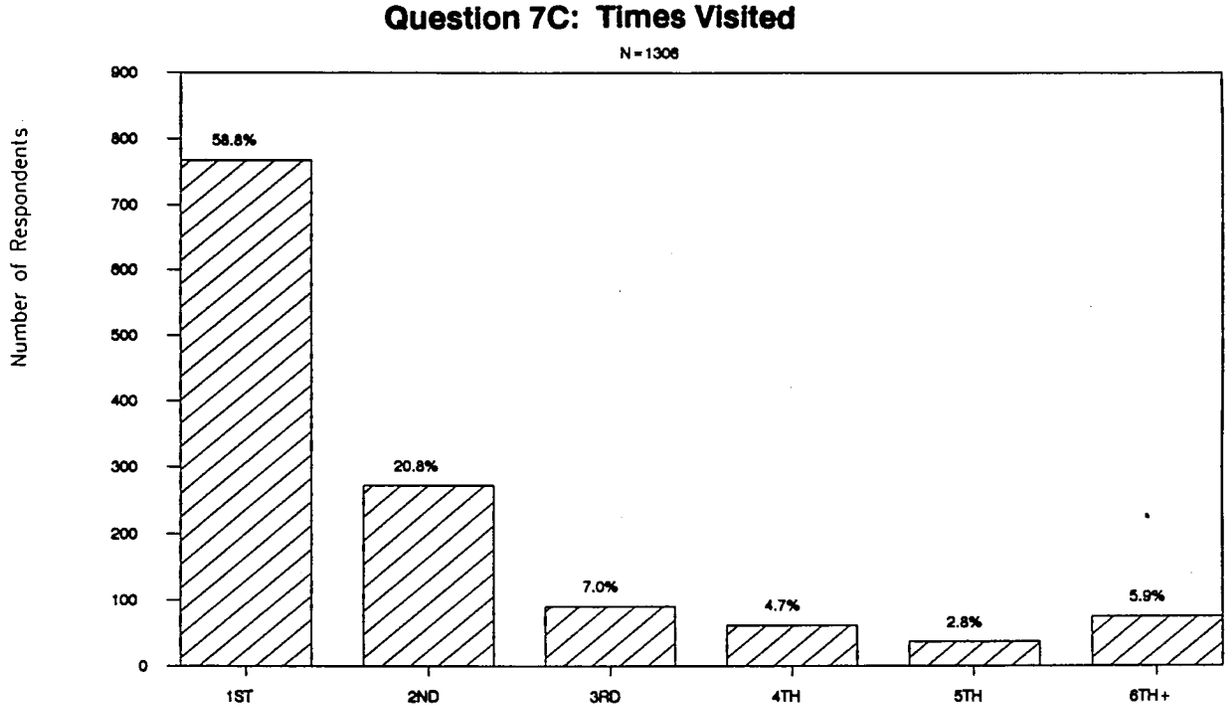


Figure 14

Question 8A: Visitor Center--How Useful? (Figure 15)

Various facilities and services were rated according to the scale of **extremely useful, very useful, moderately useful, somewhat useful, and not uesful.** Some 52.2% found the Visitor Center to be extremely useful, 29.9% very useful, and 8.7% moderately so. A total of 3.7% found it only somewhat or not useful; 5.3% did not reply.

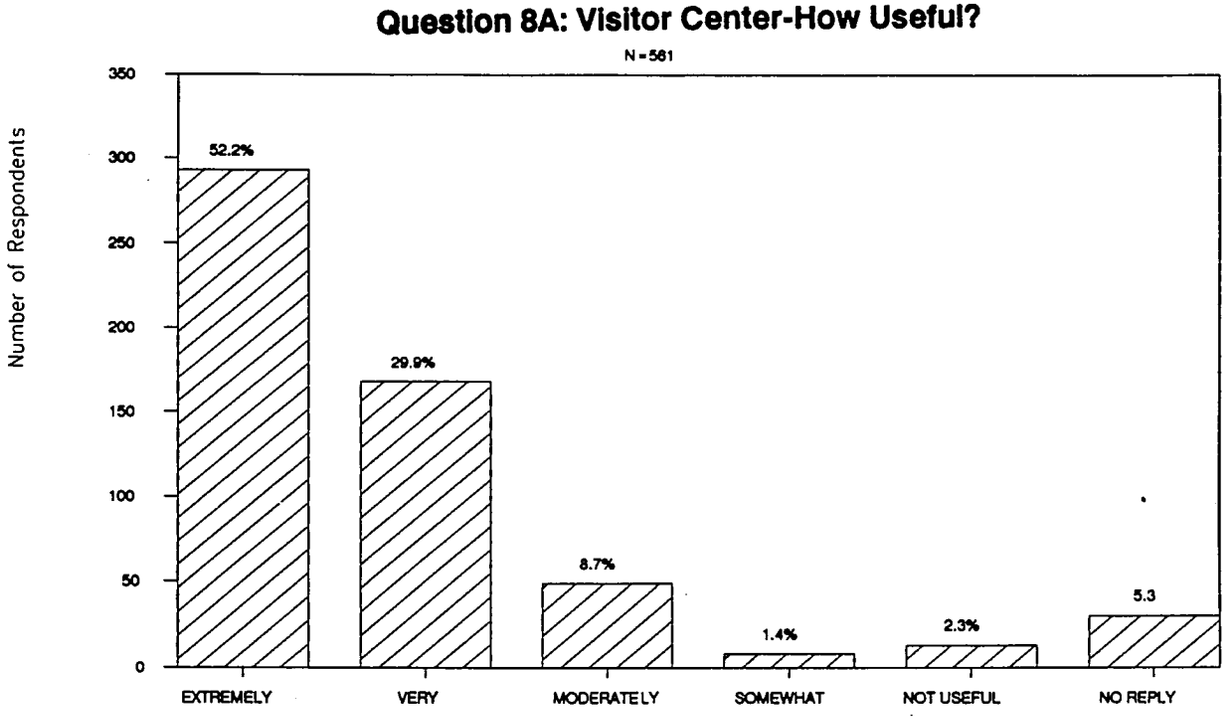


Figure 15

Question 8B: Campgrounds--How Useful? (Figure 16)

Some 42.6% found the monument's campgrounds to be extremely useful, 14.8% very useful, and 3.9% moderately so. A total of 4.1% found them only somewhat or not useful; 34.6% did not answer this question.

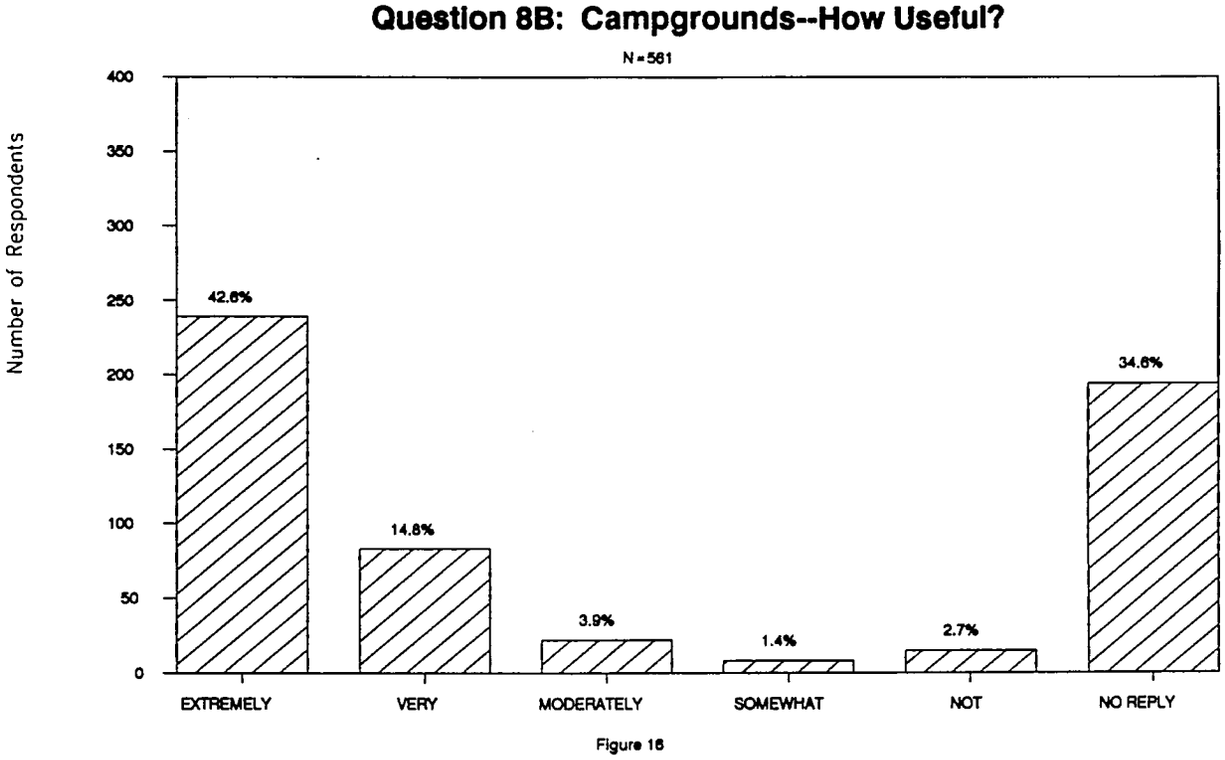


Figure 16

Question 8C: Restrooms--How Useful? (Figure 17)

Some 46.7% found the monument's restrooms to be extremely useful, 24.6% very useful, and 8.7% moderately so. A total of 6.4% found them only somewhat or not useful; 13.5% did not reply.

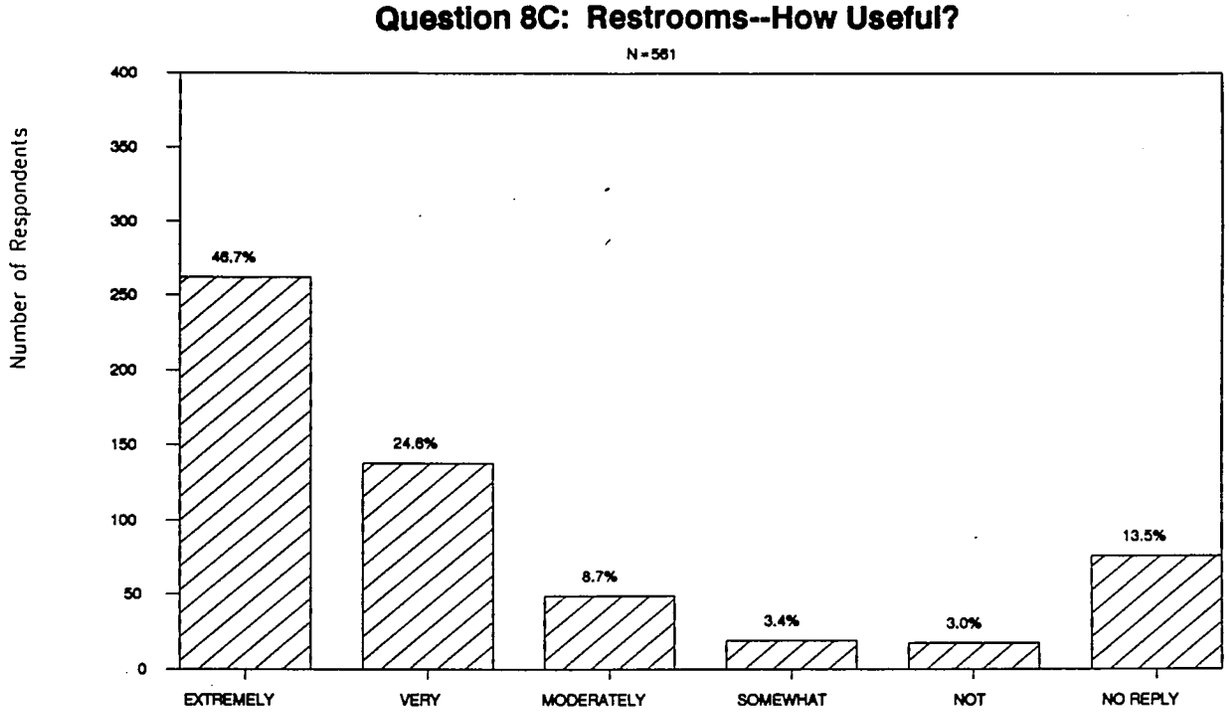


Figure 17

Question 8D: Lukeville--How Useful? (Figure 18)

Some 8.9% found the commercial facilities in Lukeville to be extremely useful, 17.5% very useful, and 19.6% moderately so. A total of 16% found them only somewhat or not useful; 38.0% did not reply to this question.

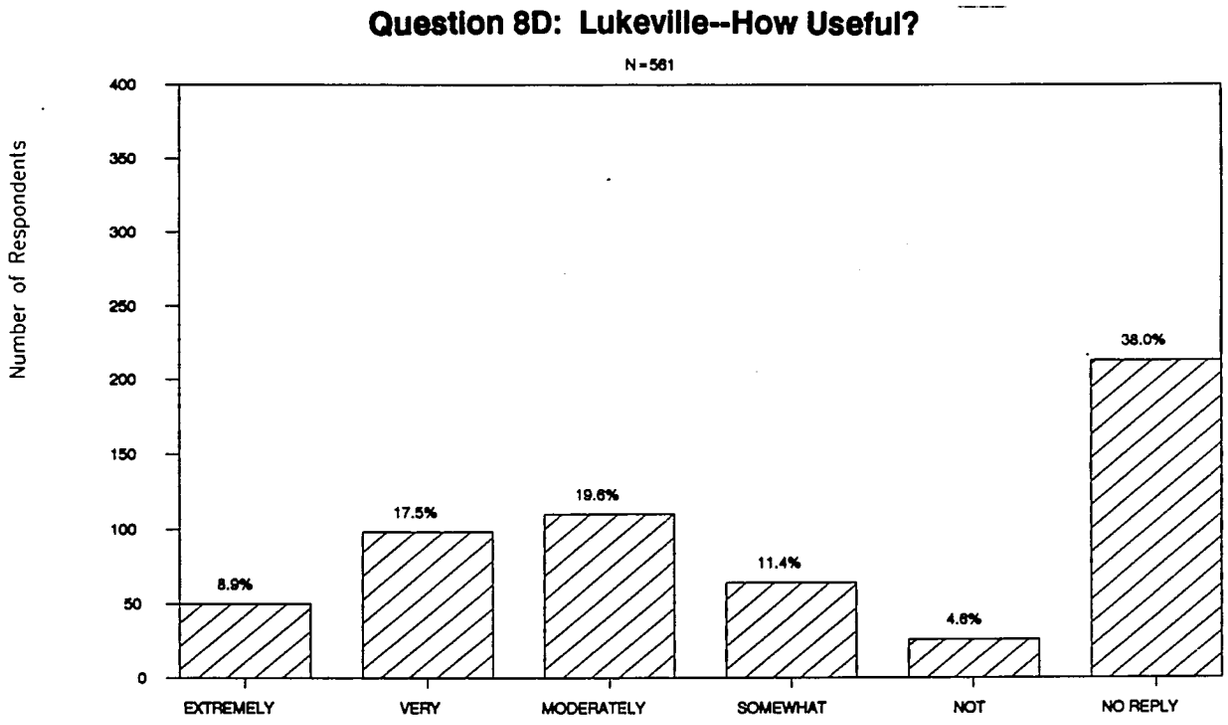


Figure 18

Question 8E: Evening Programs--How Useful? (Figure 19)

Some 18.4% found the monument's interpretive programs in the evening to be extremely useful, 15.5% very useful, and 5.7% moderately so. A total of 4.8% found them only somewhat or not useful; 55.6% had no reply.

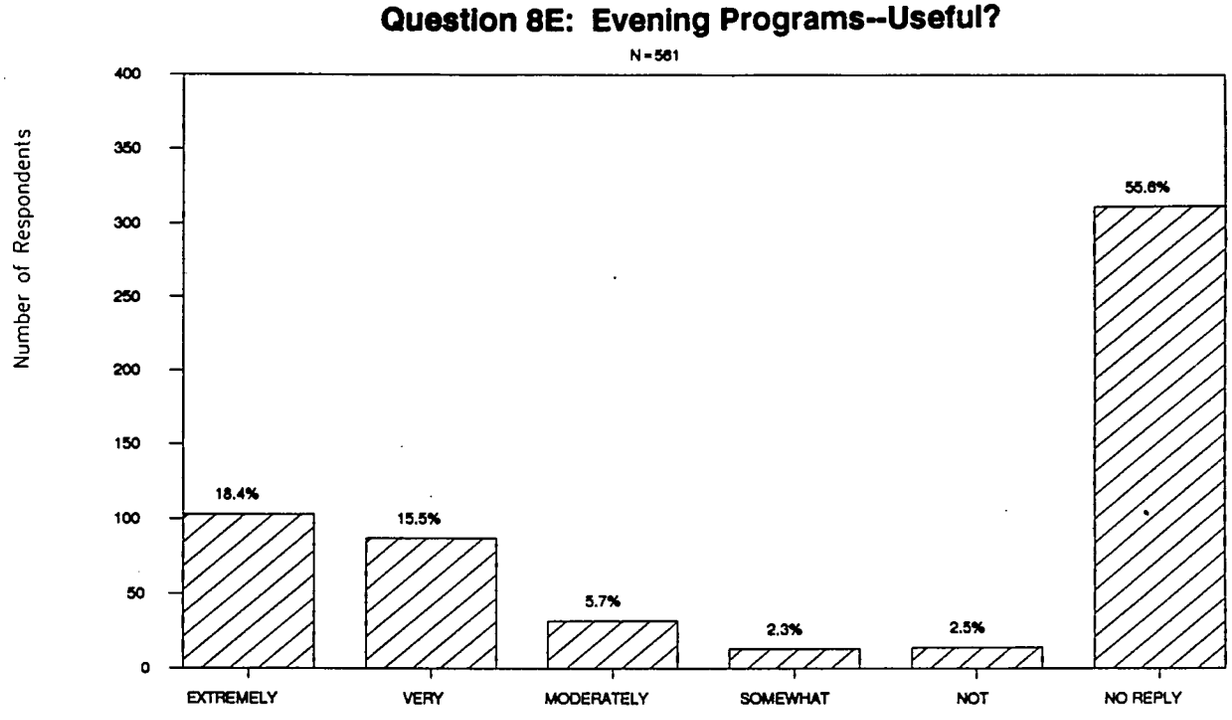


Figure 19

Question 8F: Walks/ Talks--How Useful? (Figure 20)

Some 17.3% found the monument's guided walks and talks to be extremely useful, 13.7% very useful, and 4.6% moderately so. A total of 3.9% found them only somewhat or not useful; 60.4% did not comment.

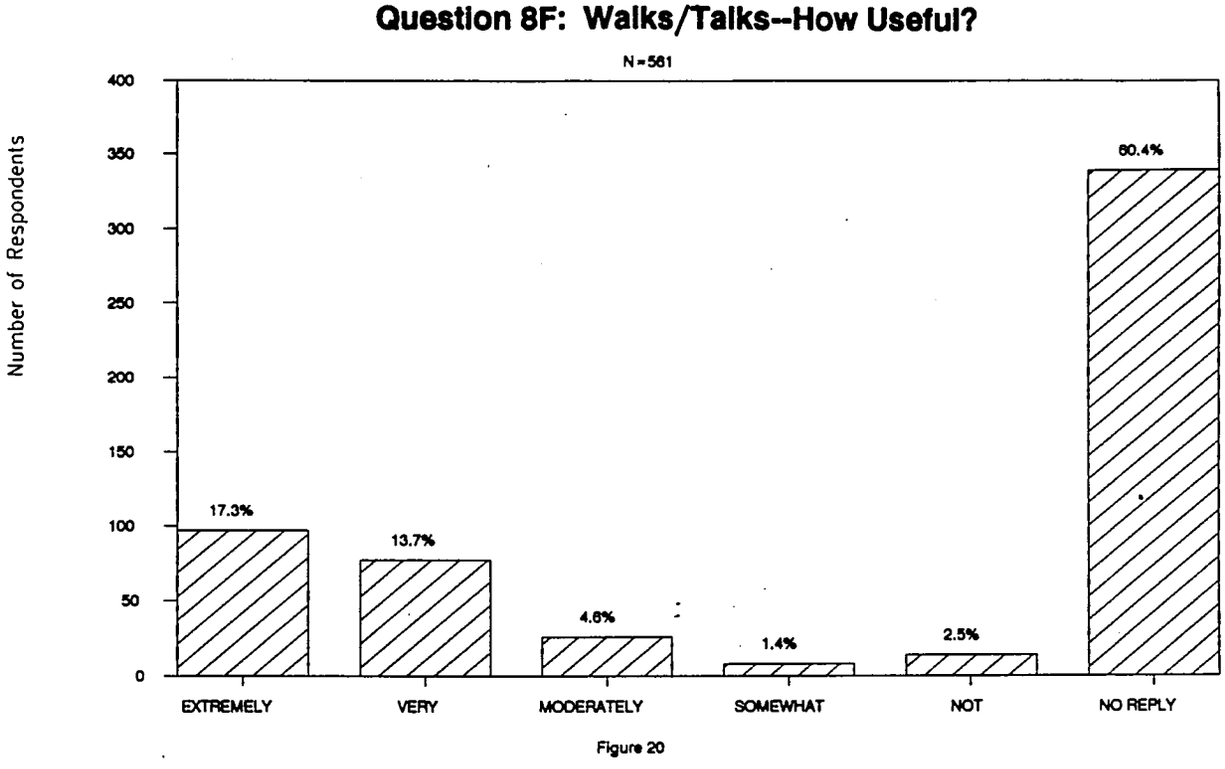


Figure 20

Question 8G: Signs--How Useful? (Figure 21)

Some 43.7% found the monument's directional signs to be extremely useful, 26.2% very useful, and 8.6% moderately so. A total of 6.1% found them only somewhat or not useful; 15.5% did not reply.

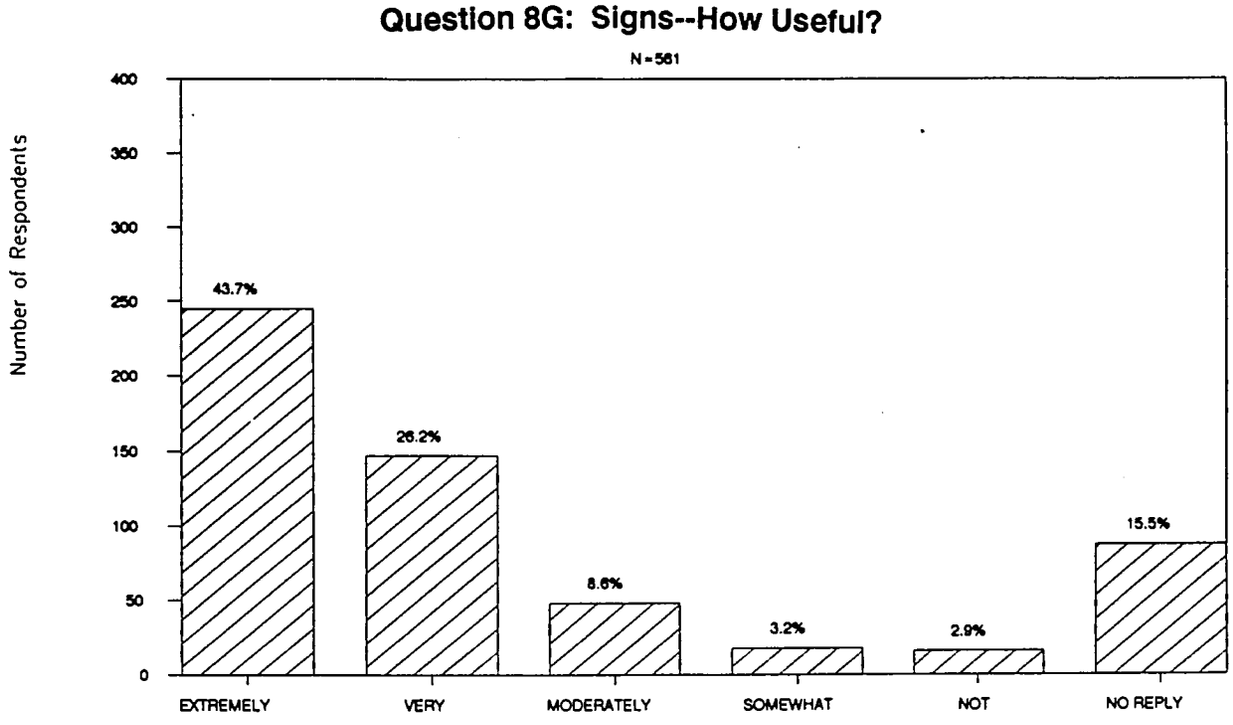


Figure 21

Question 8H: Publications--How Useful? (Figure 22)

Some 37.3% found the publications sold or distributed at the monument to be extremely useful, 28.9% very useful, and 5.0% moderately so. A total of 5.0% found them only somewhat or not useful; 23.9% had no reply.

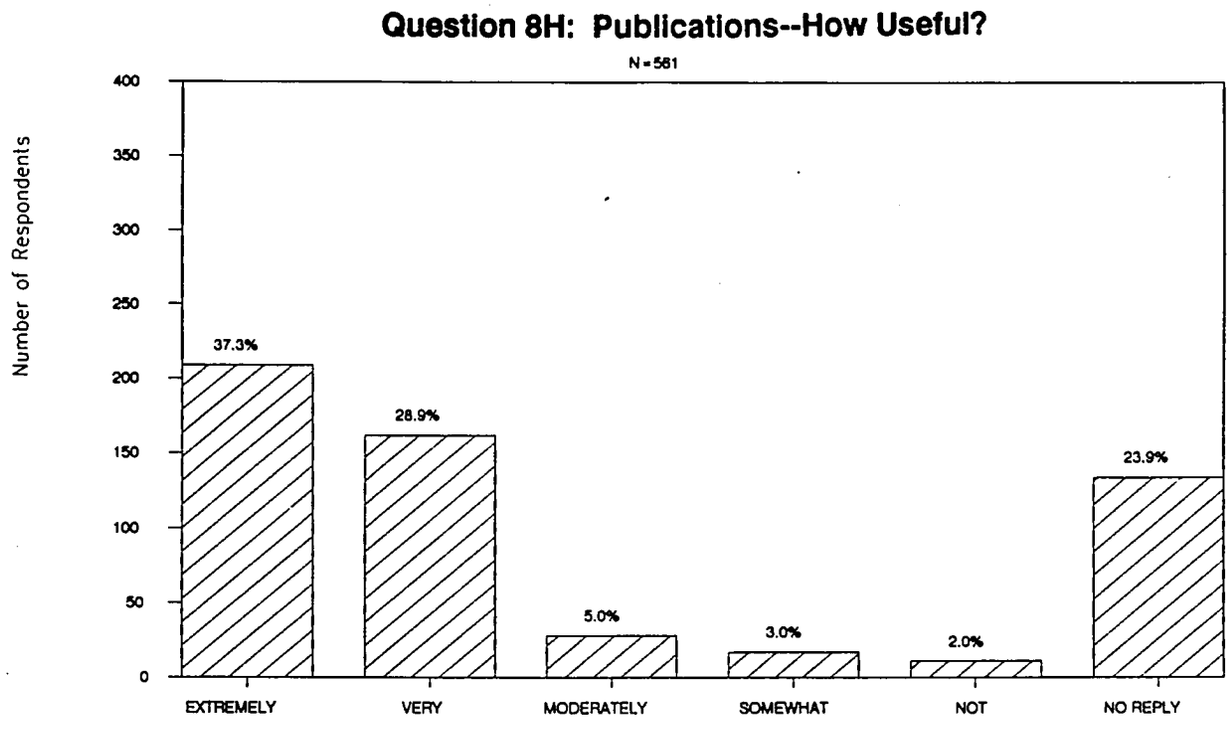


Figure 22

Question 9A: Natural Scenery--How Important? (Figure 23)

Certain natural and cultural resources were rated according to the scale of **extremely important, very important, important, somewhat important, and not important.** Some 81.1% found the scenery and natural setting to be extremely important, 10.3% very important, and 2.9% important. A total of 3.0% found these aspects only somewhat or not important.

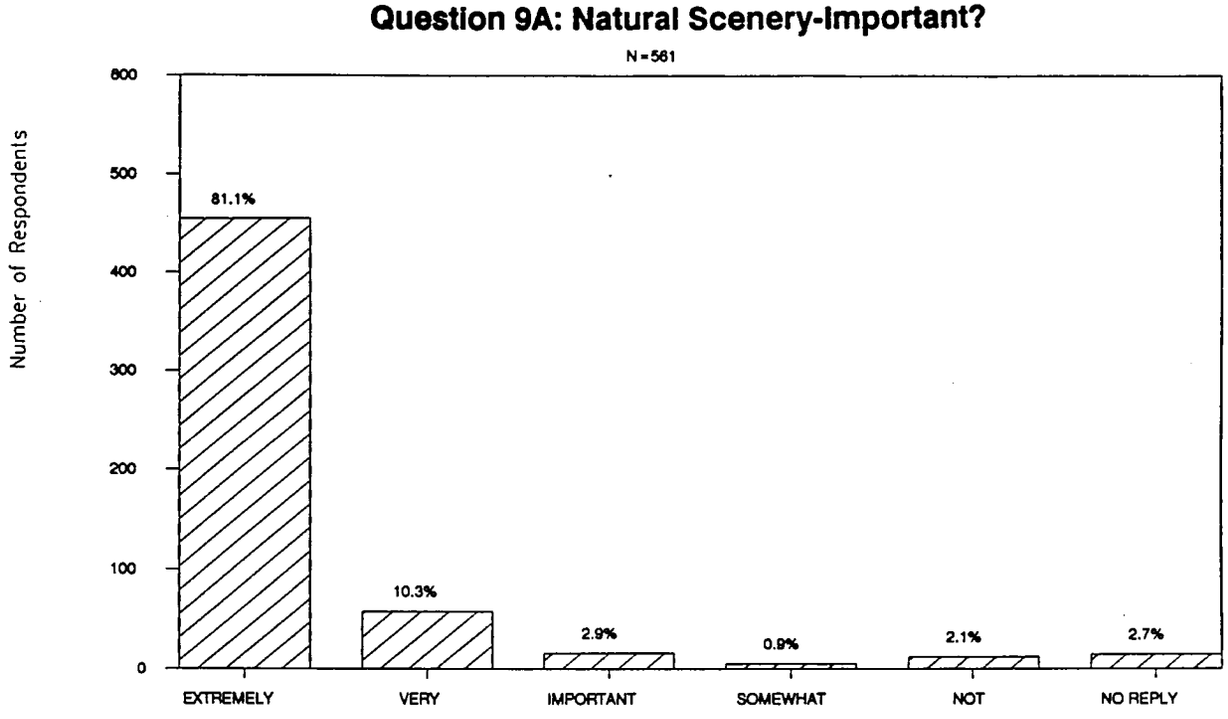


Figure 23

Question 9B: Solitude--How Important? (Figure 24)

Some 52.2% found solitude to be extremely important, 20.0% very important, and 12.1% important. A total of 8.5% found it only somewhat or not important.

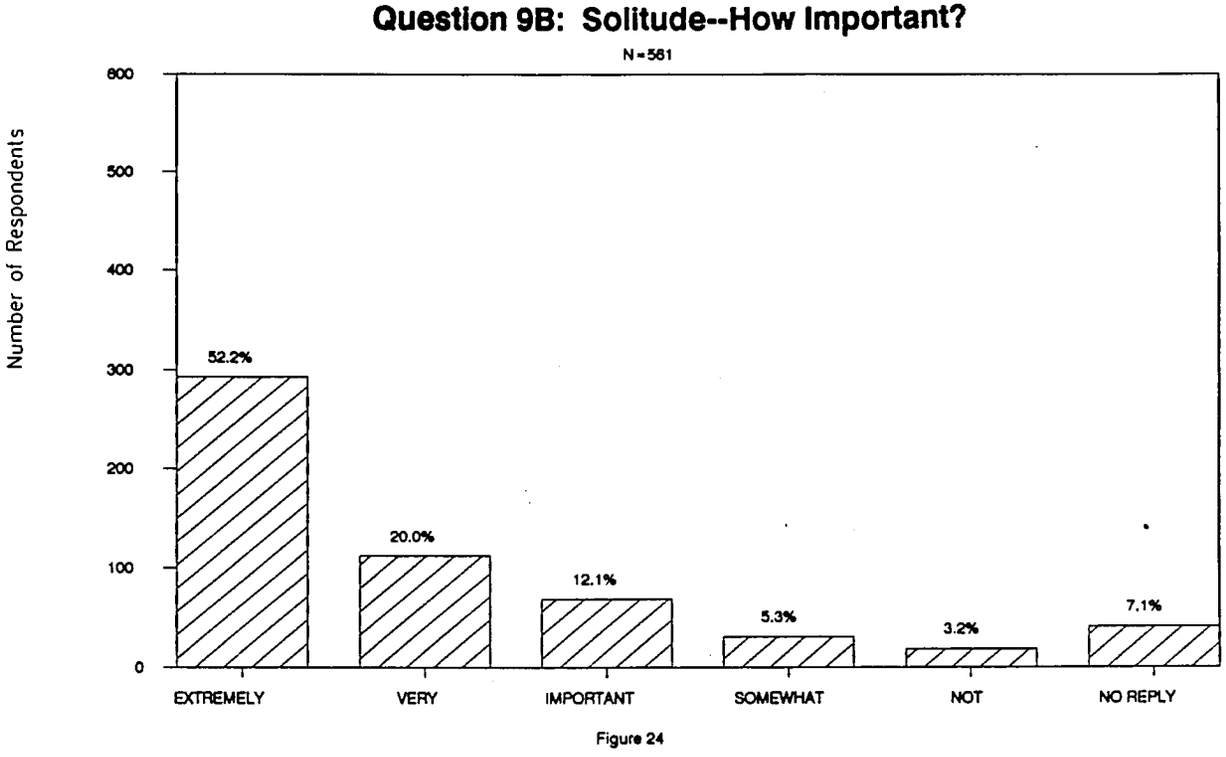


Figure 24

Question 9C: Climate--How Important? (Figure 25)

Some 48.0% found the desert climate to be extremely important, 25.3% very important, and 13.9% important. A total of 7.3% found it only somewhat or not important.

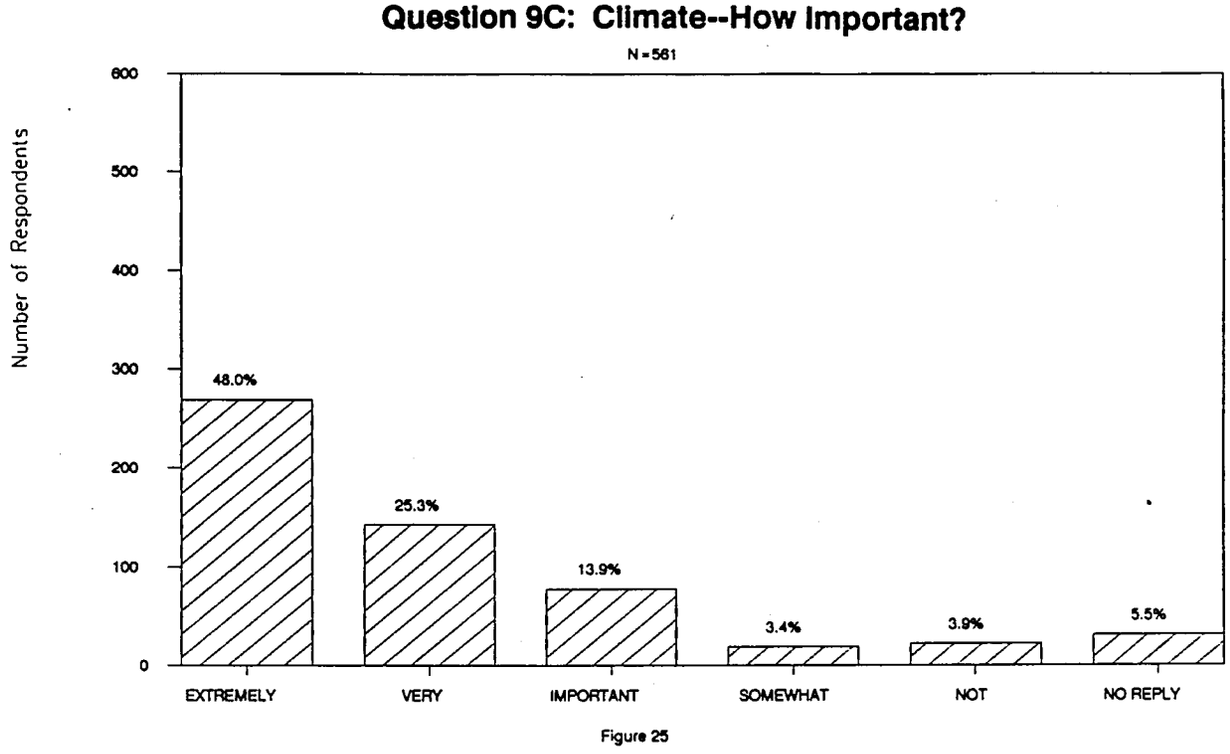


Figure 25

Question 9D: Desert Plants--How Important? (Figure 26)

Some 64.3% found desert plants to be extremely important, 19.8% very important, and 7.3% important. A total of 4.0% found them only somewhat or not important.

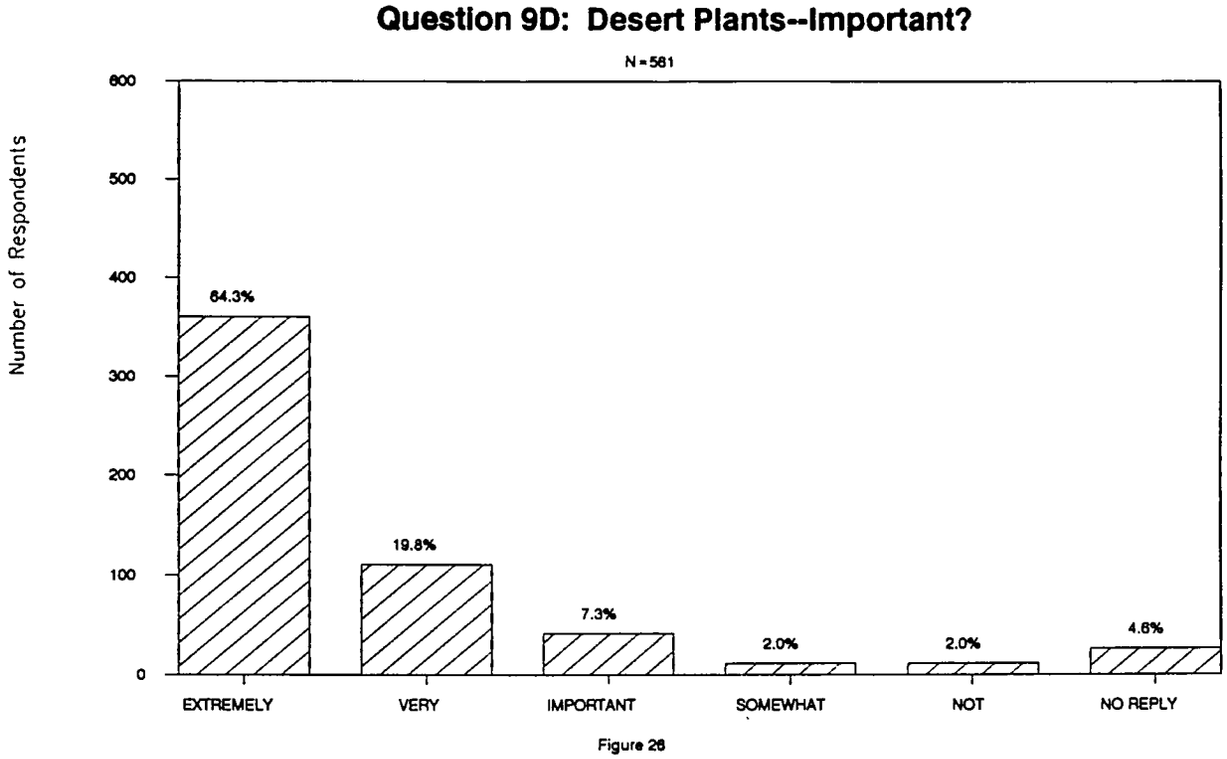


Figure 26

Question 9E: Desert Animals--How Important? (Figure 27)

Some 44.2% found desert animals to be extremely important, 18.5% very important, and 14.1% important. A total of 7.8% found them only somewhat or not important.

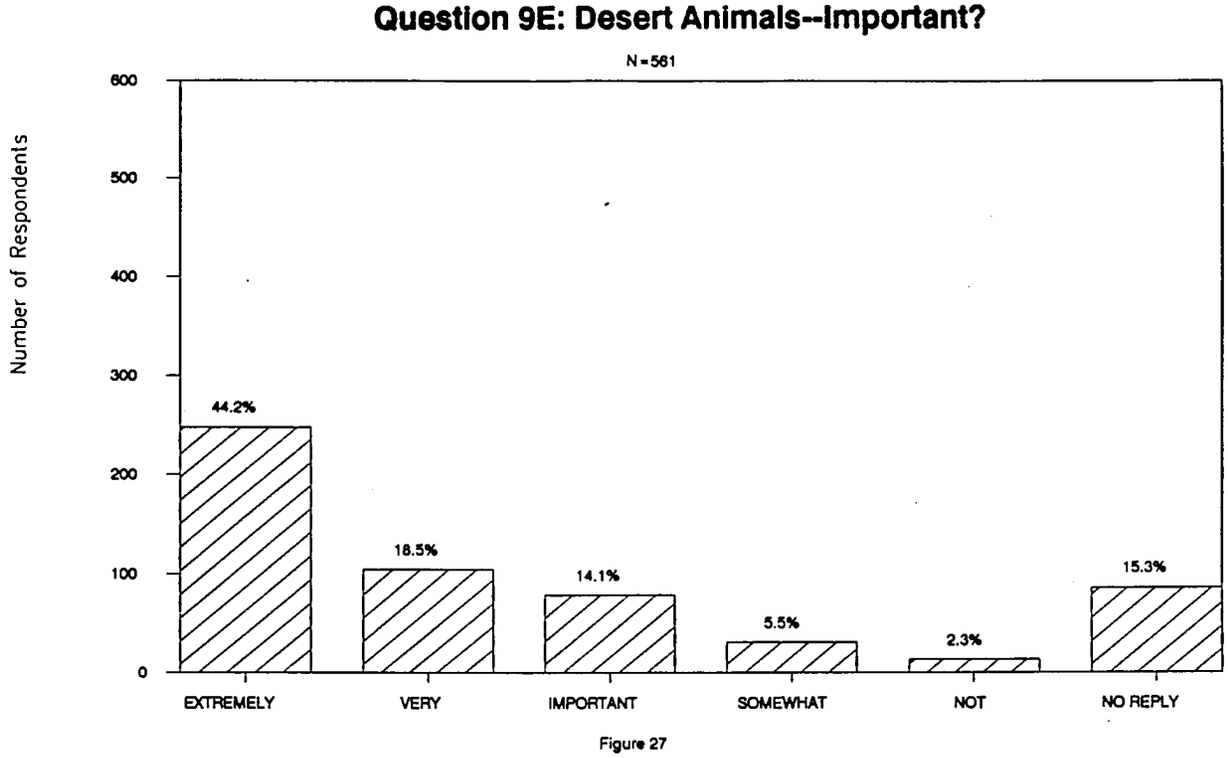


Figure 27

Question 9F: Interpretation--How Important? (Figure 28)

Some 23.4% found the monument's interpretive programs to be extremely important, 21.0% very important, and 13.4% important. A total of 13.4% found them only somewhat or not important; 28.9% did not reply.

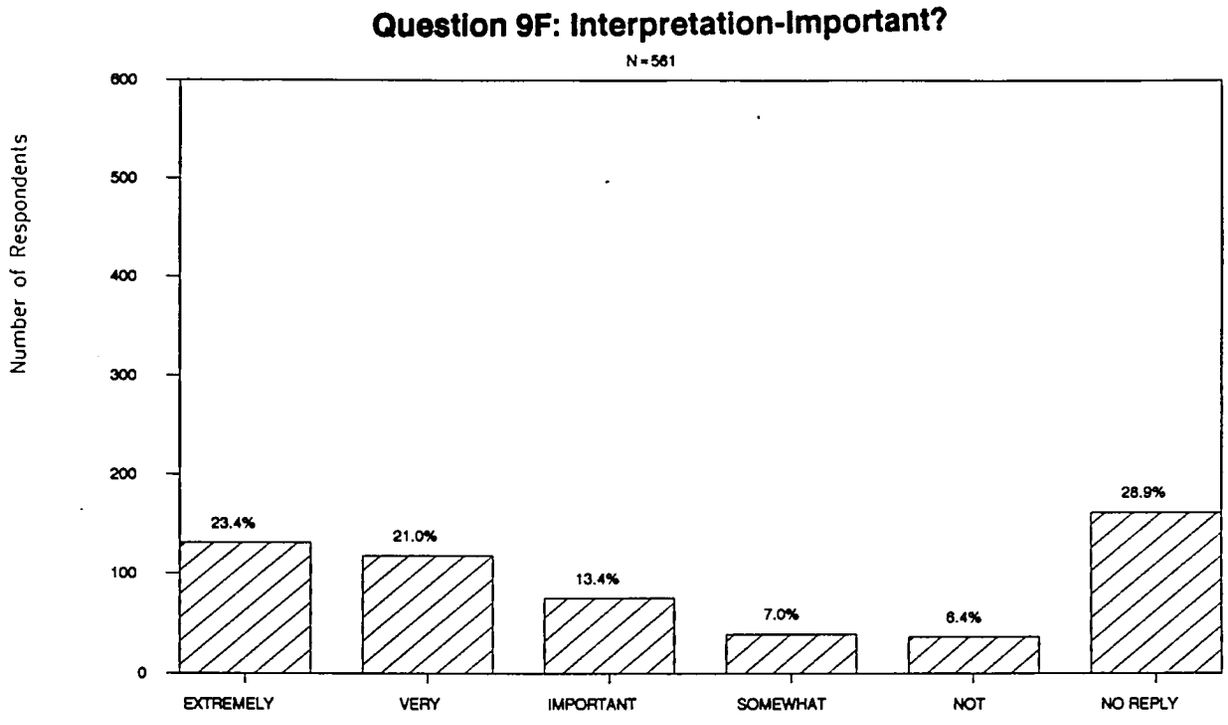


Figure 28

Question 9G: Waysides--How Important? (Figure 29)

Some 30.5% found the monument's wayside signs and exhibits to be extremely important, 31.2% very important, and 13.5% important. A total of 9.5% found them only somewhat or not important; 15.3% did not reply..

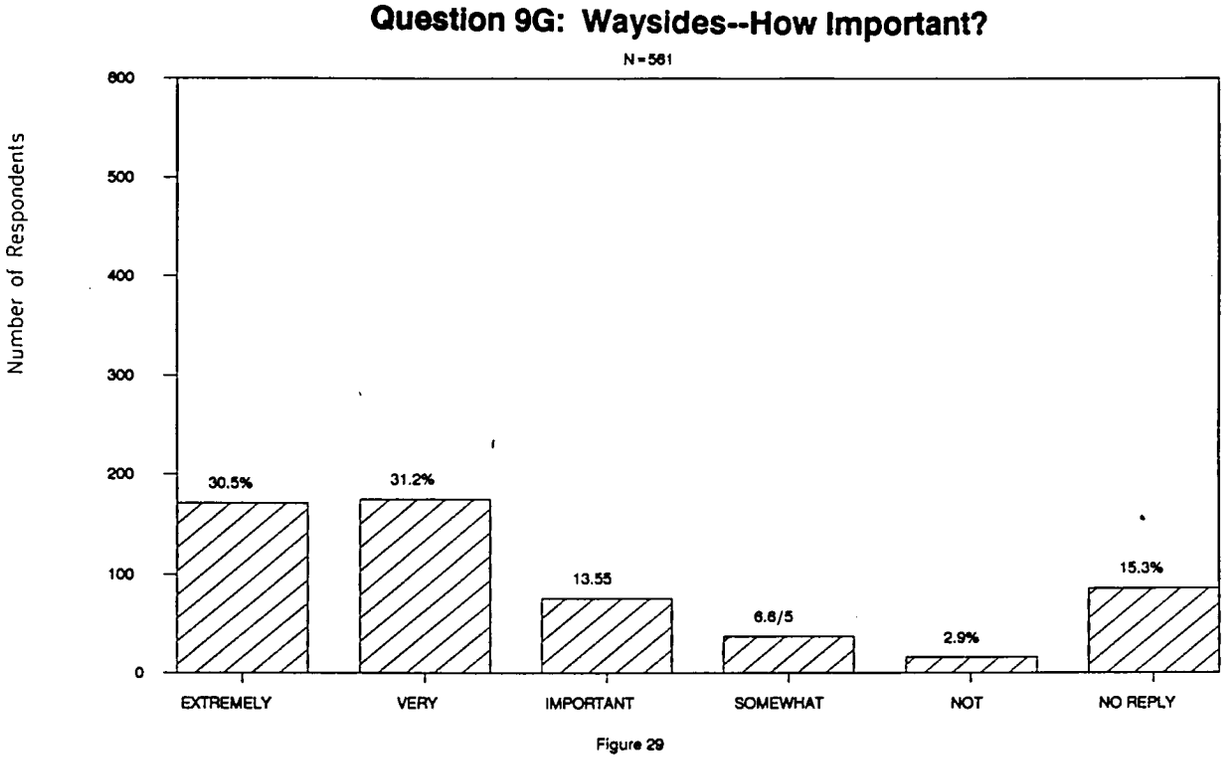


Figure 29

Question 9H: Historic Sites--How Important? (Figure 30)

Some 21.2% found the monument's historic sites to be extremely important, 20.9% very important, and 16.2% important. A total of 13.3% found them only somewhat or not important; 28.3% did not reply.

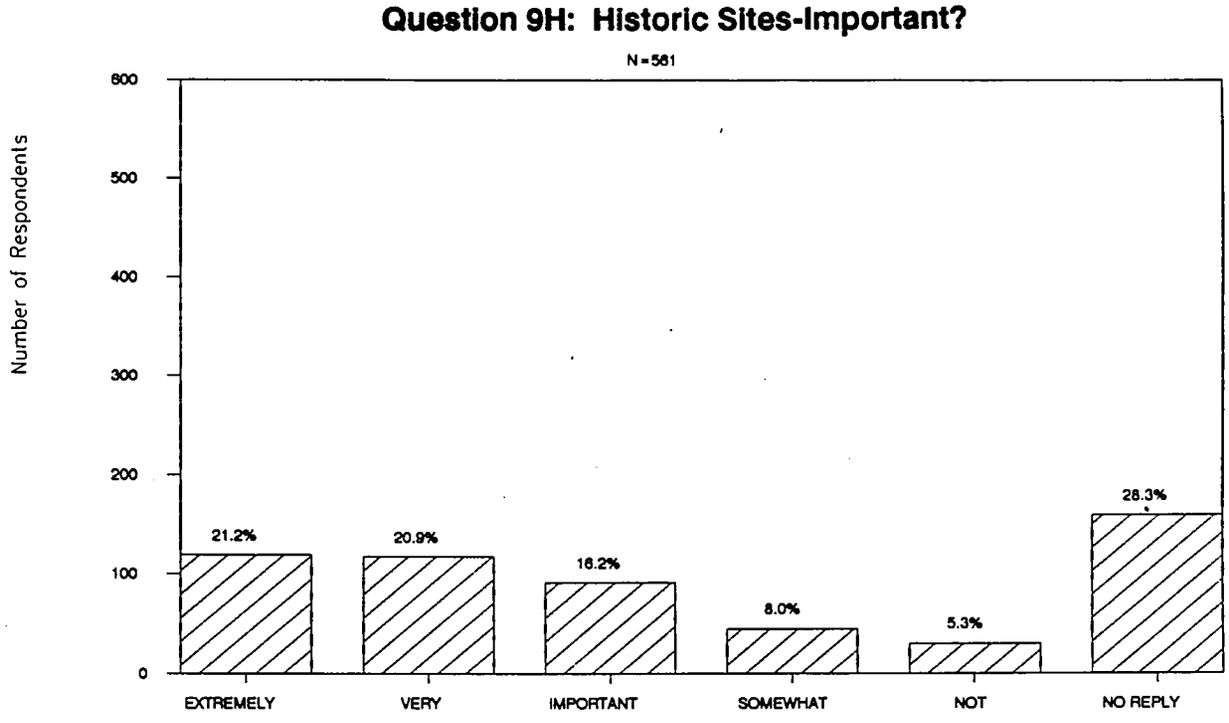


Figure 30

Question 9l: Clear Night Sky--How Important? (Figure 31)

Some 42.8% found the clear night sky to be extremely important, 15.0% very important, and 9.8% important. A total of 8.7% found it only somewhat or not important; 23.7% did not reply.

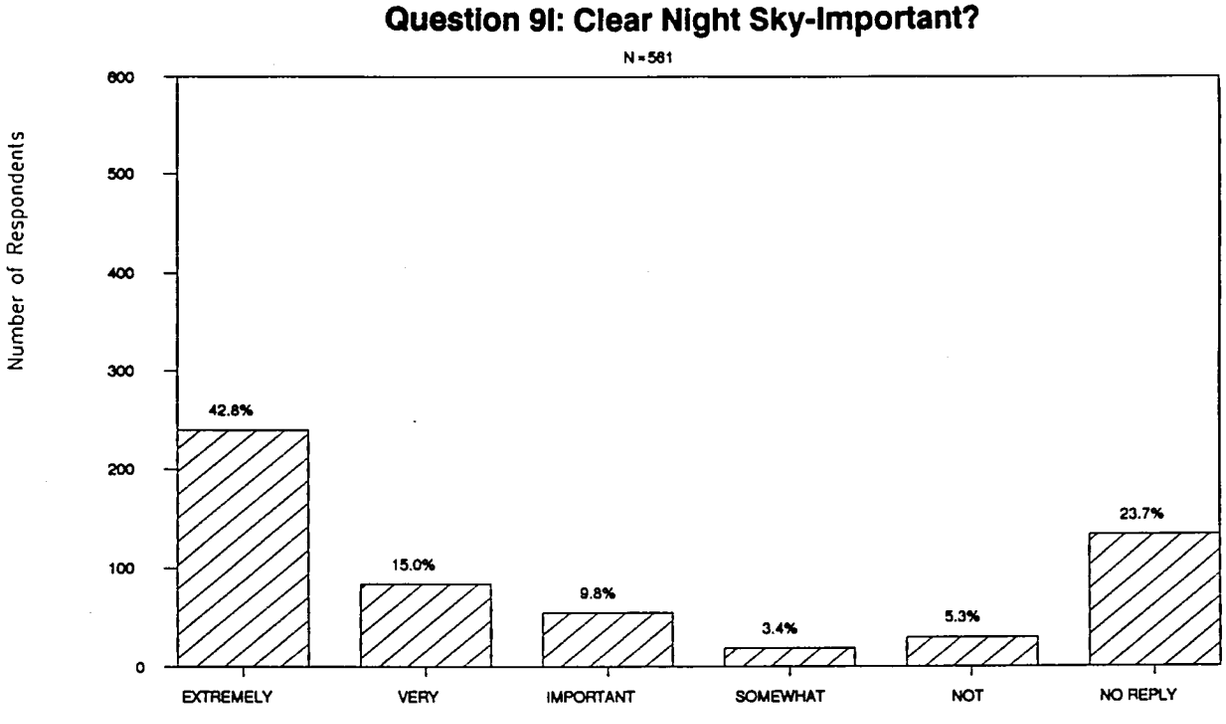


Figure 31

Question 9J: Quitobaquito Springs--How Important? (Figure 32)

Some 13.0% found Quitobaquito Springs to be extremely important, 10.3% very important, and 9.8% important. A total of 15.3% found it only somewhat or not important; 51.5% did not reply.

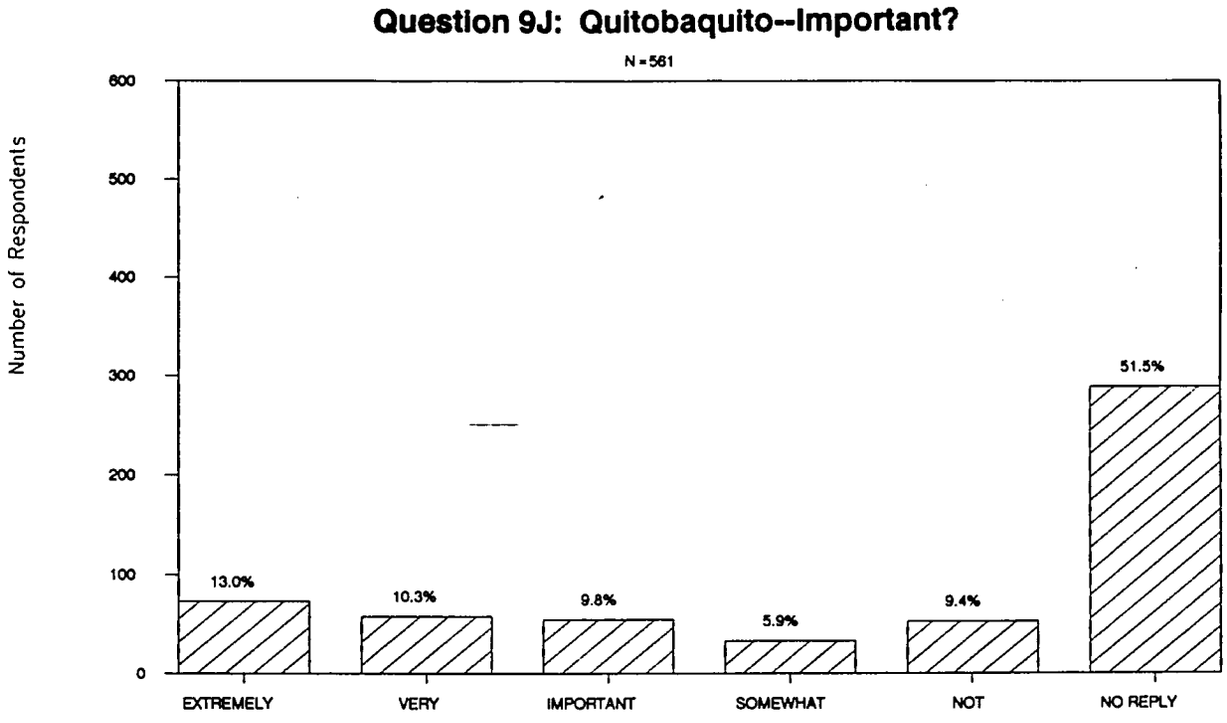


Figure 32

Question 10: Types of Vehicles Used (Figure 33)

The 746 checked responses to the different kinds of vehicles used while in the monument indicate that some visitors had more than one type with them. Passenger cars predominate (37.7%) followed by recreational trailers longer than 25 feet (15.0%), single recreational vehicles shorter than 25 feet (14.9%), recreational trailers shorter than 25 feet (12.3%), single recreational vehicles longer than 25 feet (10.5%), four-wheel-drive (8.8%), and motorcycles (0.8%). No tour buses were recorded in the survey. The most popular form of recreational vehicle appears to be the trailer longer than 25 feet. The other three types seem to be used about equally.

Question 10: Types of Vehicles Used

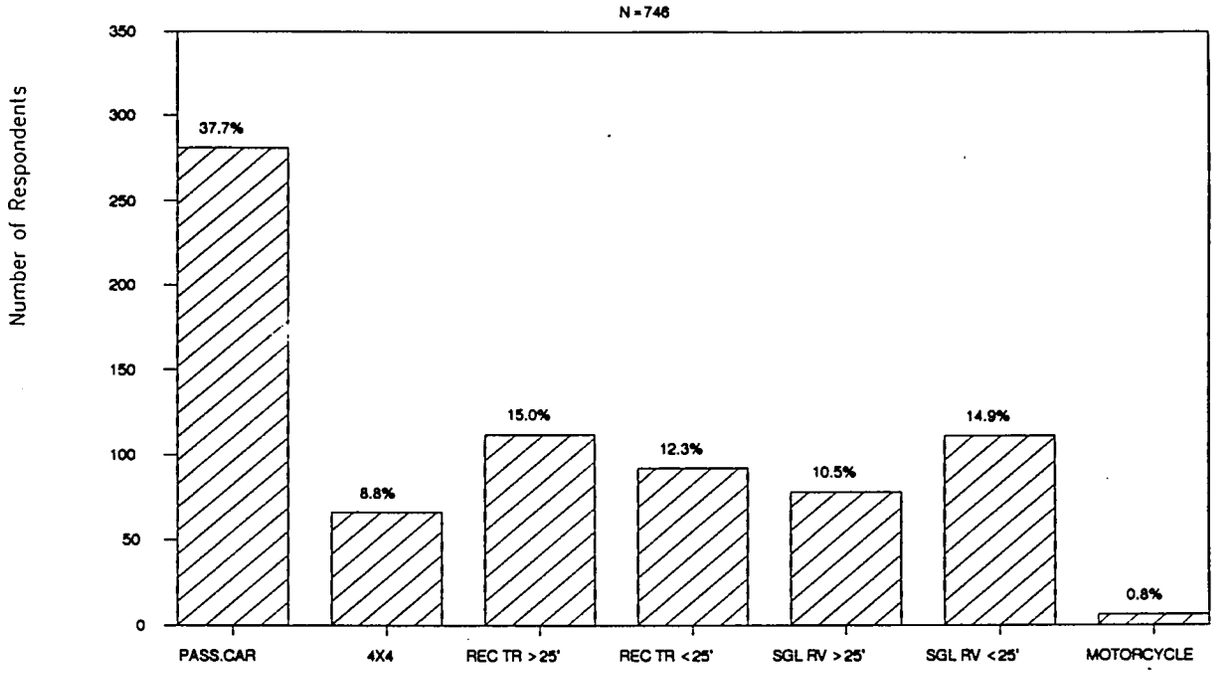


Figure 33

Question 11A: Opinions on Dirt Roads (Figure 34)

In response to whether the dirt roads of the monument should be removed, remain as they are, or be improved, 49.6% indicated no change, 36.4% recommended improving, 8.9% said they had no opinion, 4.5% did not reply, and 0.7% checked removal.

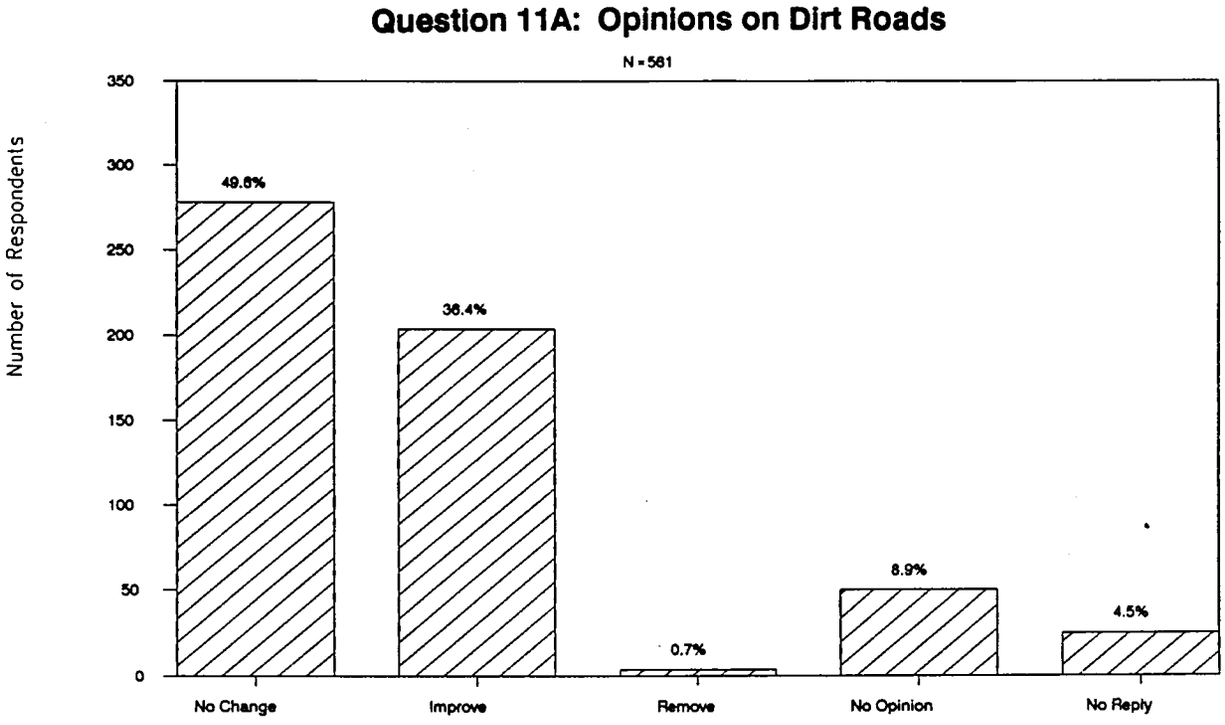


Figure 34

Question 11B: How to Improve Dirt Roads (Figure 35)

Of those recommending improvements, 41.7% had "other" suggestions, 39.5% said the dirt roads should be paved, 17.0% checked widening, and 1.0% indicated straightening. Comments under "other" mentioned better grading and maintenance as well as the need for more turnouts and picnic spots.

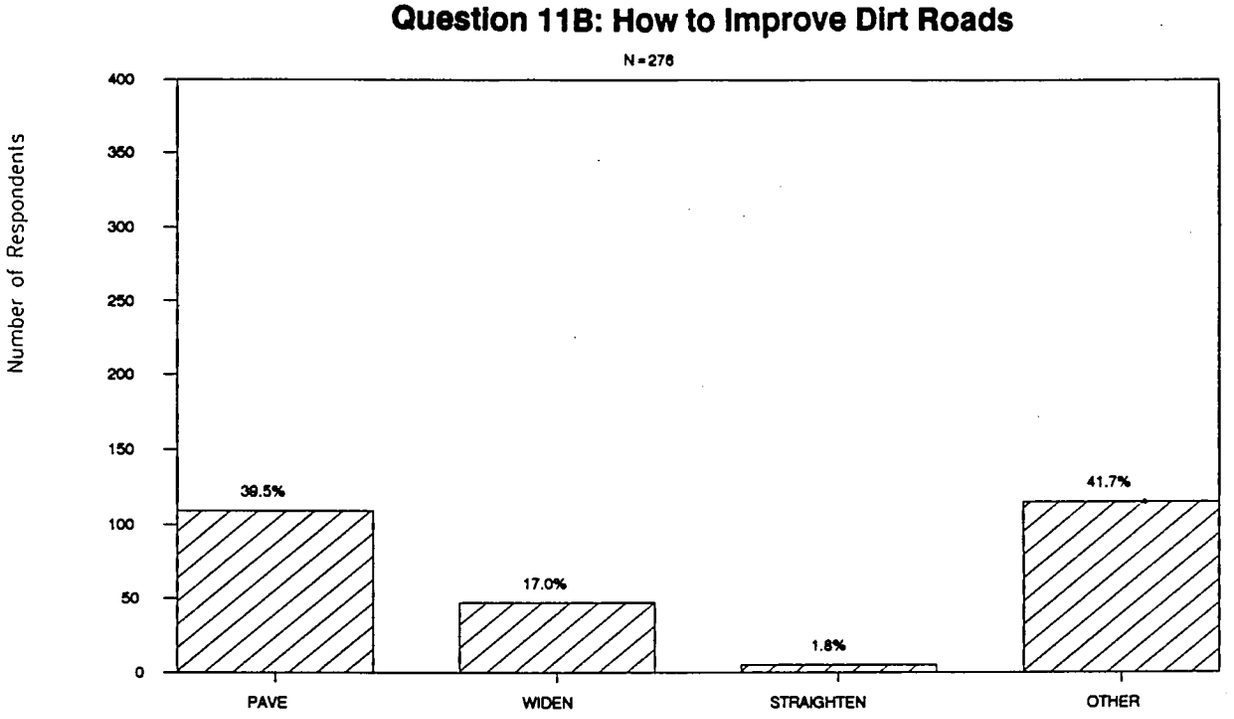


Figure 35

Question 12A: Opinions on Trails (Figure 36)

On the question of changing or leaving the six established trails as they presently are in the monument, 40.6% recommended change, 27.4% no change, and 32% had no opinion.

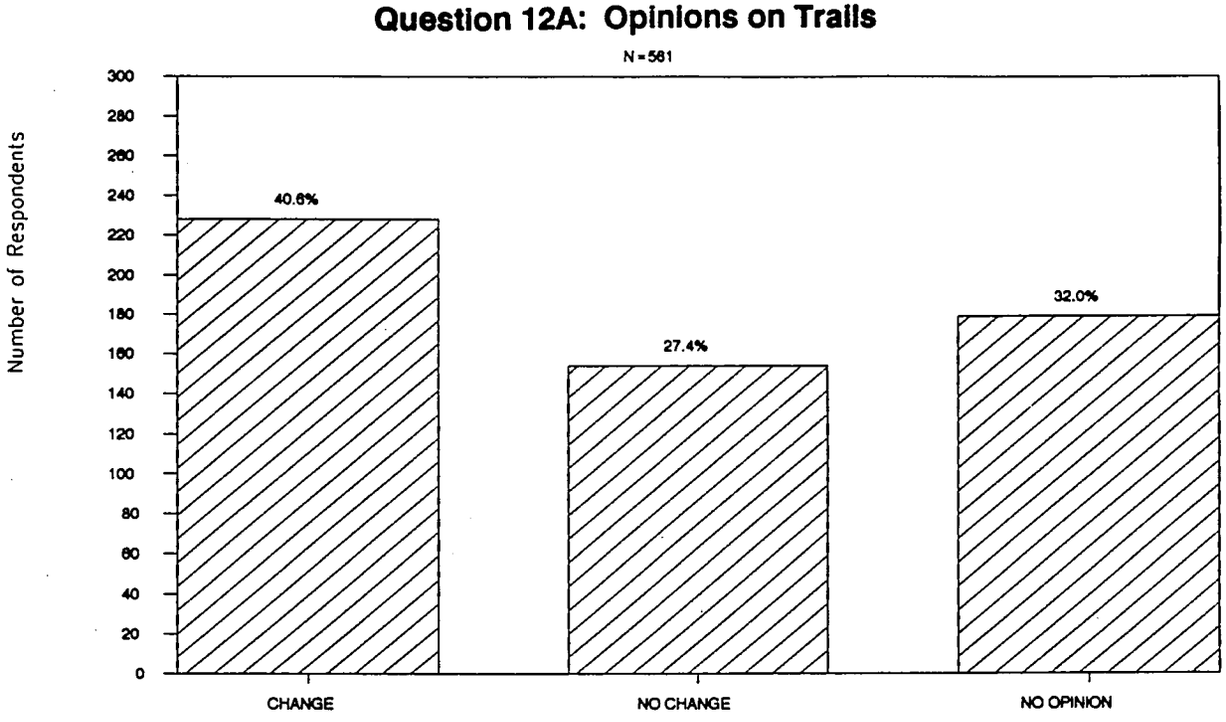


Figure 36

Question 12B: Trail Changes Recommended (Figure 37)

Of the 228 people recommending change, 30.7% said that more trails should be established, 20.6% that the trails should be more varied in their lengths, 14.9% that there should be a greater range of improved but still primitive trails, 13.2% that "other" suggestions be implemented such as more definitive markings, 10.5% that the range of flat/steep trails be increased, and 10.1% that the level of upkeep or maintenance be raised.

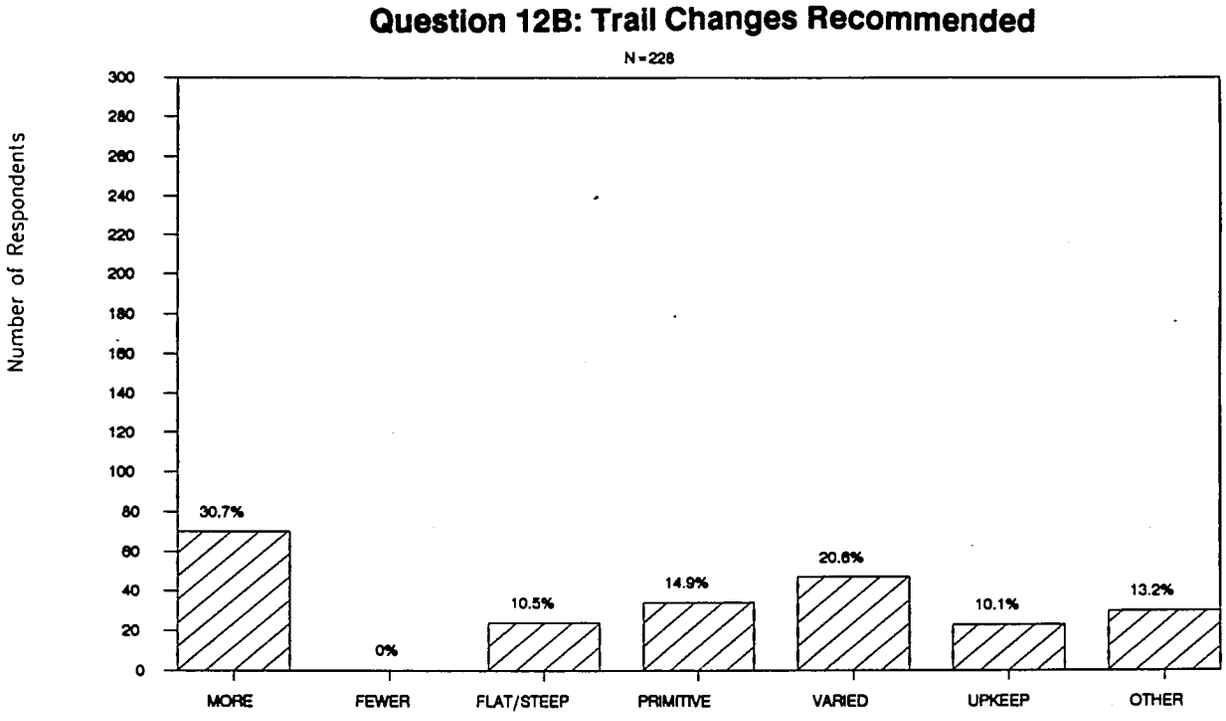


Figure 37

Questions 13, 14, and 15

These three questions, respectively, ask what the visitor liked most and least about the monument, their suggested ideas for future monument planning, and anything else the visitors might wish to say about their visit. Their responses were not tabulated because they are not part of the list of specific monument items that all respondents were asked to consider and comment upon. Therefore, it would not have been statistically valid to tabulate them. However, the original questionnaires--plus several notebooks in which Questions 13, 14, and 15 have been photocopied--have been sent to the staff of the monument for their information.

The complaints center around the lack of campground showers and of hook-ups for electricity and water for recreational vehicles. Some respondents asked for an increase in the hours that the monument provides electricity to allow for microwave cooking in the late afternoon and early evening. Others found the noise of a generator operating in the campground to be very disturbing. Several pointed remarks were made about military aircraft flying low over the monument and possibly harming wildlife with thunderous noise. There were complaints about the lack of telephones and low water pressure in the drinking fountain at the Visitor Center.

Some visitors deplored the dirt roads while others applauded them saying, for example, that most of the roads and trails should be kept rustic. Many of the comments call for more trails to be established.

The phrase used most often in response to the planning question is to "Leave as is." That is to say, to continue to protect and preserve the monument's natural resources and avoid overdevelopment. There are specific suggestions for improvements such as, "Picnic tables at Quitobaquito would be nice."

The comments generally were very enthusiastic about the monument and its personnel and programs. The specific comments contain high

praise for the natural beauty of the desert scenery and the flora and fauna. Many express values of peace, quiet and solitude that they associate with the landscape. The staff of the monument received many compliments for being friendly, helpful, and efficient. One quote of a visitor seems to say it all, "During our many visits, we have taken part in all activities offered and enjoyed all of them."

About This Report and Its Methodology and Limitations

Out of the 650 questionnaires handed out in the monument, as mentioned in the introduction, 561 were returned, which represents a return rate of 86.3 percent. At an estimated 10 minutes per response, that represents 93.5 burden hours or total hours actually used by the respondents who completed and returned the questionnaires.

Questionnaires were distributed to visitors in Organ Pipe Cactus National Monument at the exit from the Visitor Center/Main Campground Road to Highway 85. This spot was deemed best in consideration of safety concerns for those giving out the questionnaires. Visitors were given a questionnaire in a random fashion, and compliance was voluntary. A random sample of visitors was obtained by approaching every other exiting vehicle from 8 a.m. to 5 p.m. during the week of the survey, January 29, 1989 through February 4, 1989. These are the hours that the Fee Station and Visitor Center are open and staffed.

Respondents were asked to complete the questionnaires at their convenience and to mail them back to the Branch of Planning, Western Team, Denver Service Center, National Park Service, 12795 West Alameda Parkway, Box 25287, Denver, Colorado 80225-0287. Using addresses obtained at the beginning of the survey, post cards were sent out from the Denver Service Center two weeks later as a reminder to all of the 650 visitors who had accepted a questionnaire. Six weeks following the survey, replacement questionnaires were sent to those not yet responding.

The survey provided no way to confirm or test the veracity of the

respondents, but it was assumed that the responses returned were accurate and truthful. It was further assumed for purposes of analysis that non-respondents did not significantly differ from those who did respond. Thus, the ages, addresses, and types of groups of non-respondents were not analyzed and compared to those of respondents to discover any possible significant differences.

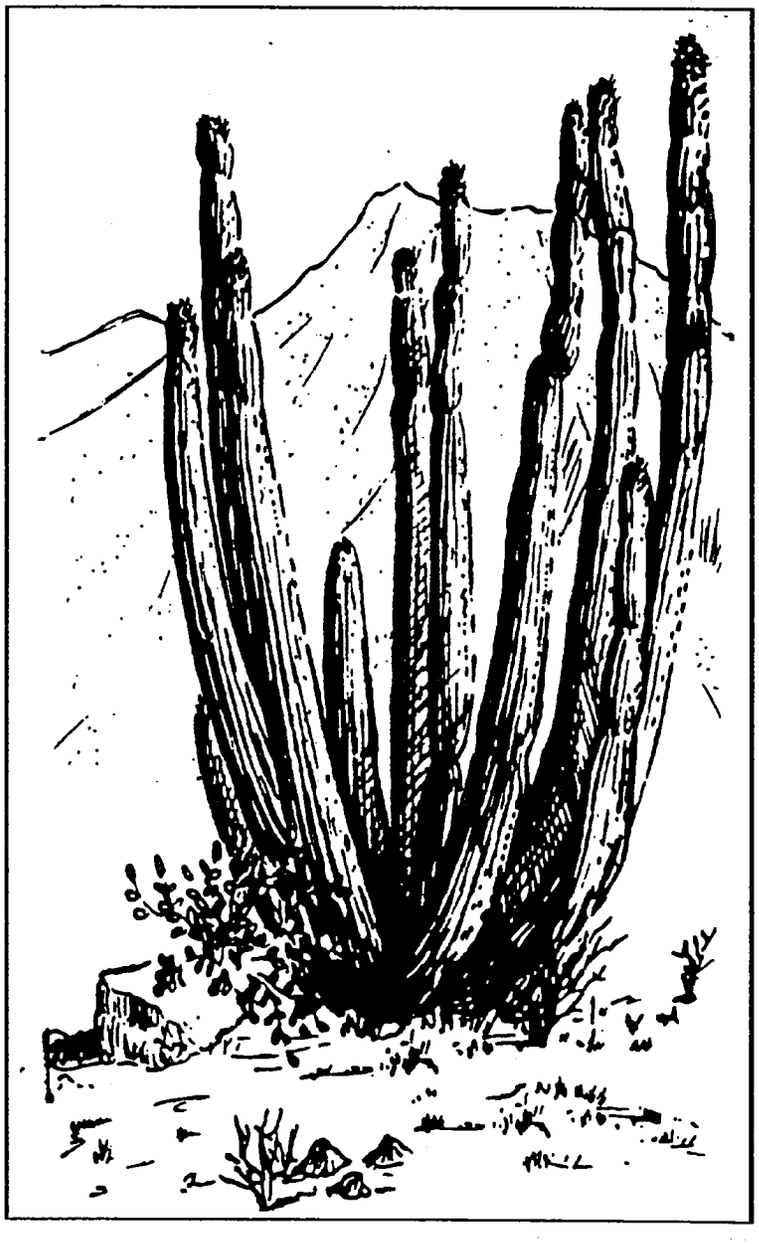
The data reflect the attitudes and behaviors of visitors and their patterns of use during the sampling period only. Actual future patterns of use along with future visitor characteristics and opinions cannot be predicted. However, under the leadership of the Denver Service Center of the National Park Service, the findings of this survey have been incorporated in the considerations of the team developing a general management plan for Organ Pipe Cactus National Monument.

Lesli Peterson Scott of Washington State University directed the tabulation of the responses, which was performed by the university's Social and Economic Sciences Research Center in June 1989. With the help of monument volunteers Donald and Daphne Beale, George Miller of the Branch of Planning, Western Team, Denver Service Center, National Park Service conducted the survey at the monument January 29, 1989 through February 4, 1989. Because George Miller has taken another position, Larry Van Horn of the same office prepared the final report, dated March 1, 1990. Results of the survey have been forwarded to Superintent Harold J. Smith, Organ Pipe Cactus National Monument, Route 1, Box 100, Ajo, Arizona 85321; to Regional Director Stanley T. Albright, Western Region, National Park Service, 450 Golden Avenue, Box 36063, San Francisco, California 94102; and to Assistant to the Director for Science and Technology Richard Briceland, National Park Service, Room 3412, Main Building of the United States Department of the Interior, Box 37127, Washington, District of Columbia 20013-7127.

Appendix A:
Survey Instrument

ORGAN PIPE CACTUS NATIONAL MONUMENT
VISITOR SURVEY

000917



OMB Approval 1024-0051

United States Department of the Interior

NATIONAL PARK SERVICE
ORGAN PIPE CACTUS NATIONAL MONUMENT

IN REPLY REFER TO:

ROUTE 1, BOX 100
AJO, ARIZONA 85321

January, 1989

Dear Visitor:

Thank you for participating in this study. Our goal is to learn about the activities that visitors to Organ Pipe Cactus National Monument enjoy, the places they visit within the park, and to more accurately count visitors.

This questionnaire is only being given to a select number of visitors, so your participation is very important! It should only take a few minutes of your time during your visit to Organ Pipe Cactus.

When your visit is over, please complete the questionnaire. Then, seal it with the sticker provided on the last page and simply drop it in any U.S. mailbox.

If you have any questions, please contact George Miller, Branch of Planning, National Park Service, Denver Service Center - TWE, 12795 W. Alameda Parkway, P.O. Box 25287, Denver, Colorado 80225.

We appreciate your help!

Sincerely,

Harold J. Smith

Harold J. Smith
Superintendent

DIRECTIONS

One adult in your group should complete the questionnaire. It should take a few minutes. When you have completed the questionnaire, please seal it with the sticker provided and drop it in any U.S. mailbox.

IMPORTANT

1. When did you and your group first enter Organ Pipe Cactus National Monument this visit?

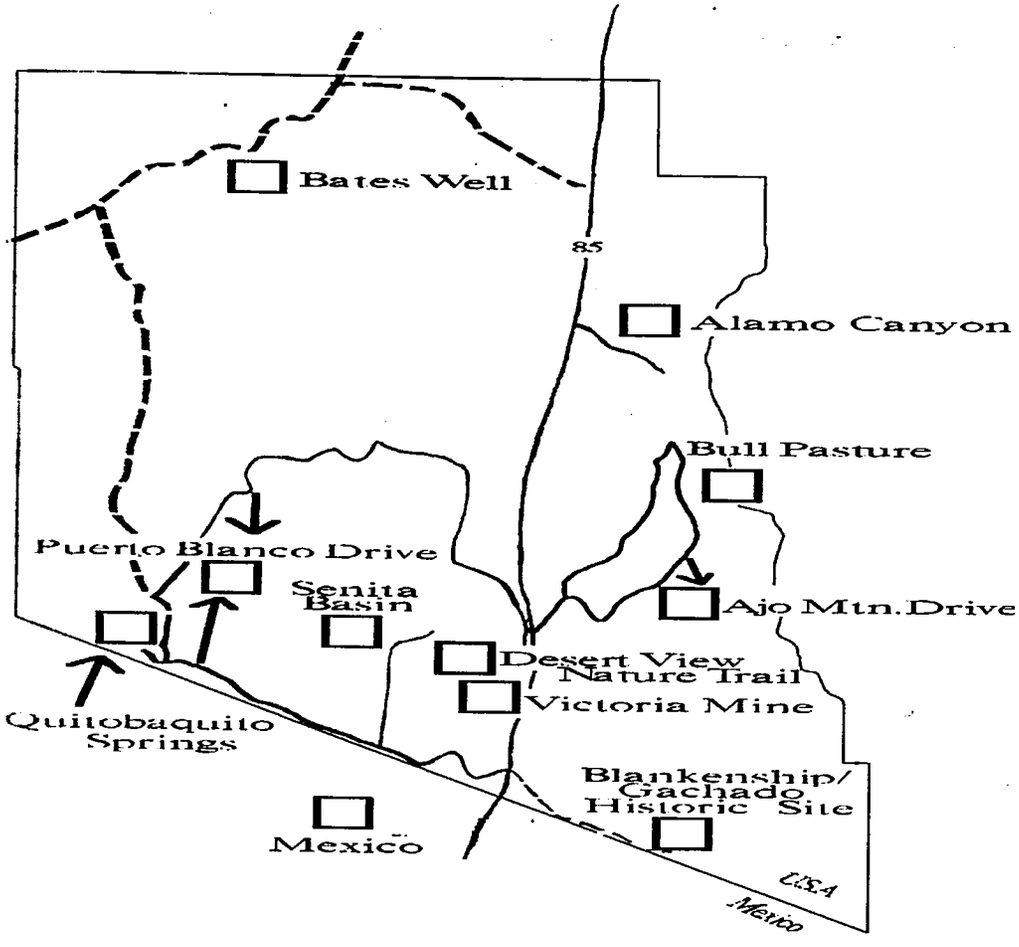
   _____ DAY OF THE WEEK (M, T, W, Th, F, S, Su)

   TIME OF DAY _____ a.m. OR _____ p.m.

PLEASE GO ON TO NEXT PAGE ——————→

PLACES YOU VISITED

2. On the map below, please indicate the places you and your group visited in Organ Pipe Cactus National Monument. Simply check (✓) the box beside each place you visited.



PLEASE GO ON TO NEXT PAGE ⟶

YOUR ACTIVITIES

3. On the list below, please check (✓) the activities that you and your group did in Organ Pipe Cactus National Monument. Please check all that apply.

___ VISIT THE VISITOR CENTER

___ PICNIC

___ CAMP OVERNIGHT IN MAIN CAMPGROUND IN R.V.

___ CAMP OVERNIGHT IN MAIN CAMPGROUND IN TENT

___ CAMP OVERNIGHT AT ALAMO PRIMITIVE CAMPGROUND

___ BACKPACK OVERNIGHT

___ STAY OVERNIGHT IN LUKEVILLE

___ HIKE/WALK TRAIL FOR LESS THAN ONE HOUR

___ HIKE/WALK TRAIL FOR MORE THAN ONE HOUR

___ DAY-HIKE CROSS-COUNTRY (NO TRAIL)

___ NATURE STUDY

___ ATTEND RANGER GUIDED WALK/RANGER TALK

___ ATTEND EVENING PROGRAM

___ USE COMMERCIAL SERVICES AT LUKEVILLE (GAS STATION, STORE)

___ OTHER (PLEASE BE SPECIFIC) _____

_____

YOU AND YOUR OPINIONS

4. Did you and your group stay overnight in, or in the vicinity of Organ Pipe Cactus National Monument this visit?

___ YES ⟶ If so, how many nights did you spend in the area?

___ NUMBER OF NIGHTS

___ NO ⟶ If not, how many hours did you spend in Organ Pipe Cactus National Monument this visit?

___ NUMBER OF HOURS

5. How many people were in your group?

___ NUMBER OF PEOPLE

6. What kind of group were you with?

___ ALONE

___ FAMILY

___ FRIENDS

___ FAMILY AND FRIENDS

___ ORGANIZED GROUP

___ OTHER (Please describe):_____

_____

7. For yourself and each member of your group, please indicate:

   1) your age on your last birthday,

   2) the zip code of your permanent residence (if you are from a country other than the United States, please give the name of that country), and,

   3) the number of times you have visited Organ Pipe Cactus National Monument <u>including this visit.</u>

	AGE	**ZIP CODE** (country)	**# TIMES VISITED**
YOURSELF	___	_____	_____
MEMBER #2	___	_____	_____
MEMBER #3	___	_____	_____
MEMBER #4	___	_____	_____
MEMBER #5	___	_____	_____

additional members: _____

_____

_____

8. How useful were the facilities and services you used while in Organ Pipe Cactus National Monument? Please mark each service you used from 1 to 5 (1 = EXTREMELY USEFUL, 2 = VERY USEFUL, 3 = MODERATELY USEFUL, 4 = SOMEWHAT USEFUL, 5 = NOT USEFUL). Please write N.A. (Not Applicable) in the blank for any services you did not use.

Rating? (1-5, N.A.)

VISITOR CENTER _____

CAMPGROUNDS _____

RESTROOMS _____

COMMERCIAL FACILITIES IN LUKEVILLE _____

EVENING PROGRAMS _____

GUIDED WALKS, TALKS _____

DIRECTION SIGNS _____

PUBLICATIONS _____

OTHER (Please Specify): _____

_____

9. How important to you and your group were the following things during your visit to Organ Pipe Cactus National Monument? Please mark each item from 1 to 5 (1 = EXTREMELY IMPORTANT; 2 = VERY IMPORTANT, 3 = IMPORTANT, 4 = SOMEWHAT IMPORTANT, 5 = NOT IMPORTANT).

Rating? (1-5)

_____ SCENERY/NATURAL SETTING

_____ SOLITUDE

_____ CLIMATE

_____ DESERT PLANTS

_____ DESERT ANIMALS

_____ INTERPRETIVE PROGRAMS

_____ WAYSIDE SIGNS/EXHIBITS

_____ HISTORIC SITES

_____ CLEAR NIGHT SKY

_____ QUITOBAQUITO SPRINGS

10. What types of vehicles did you and your group use on this trip to Organ Pipe Cactus National Monument? Please check (✓) all that apply.

____ PASSENGER VEHICLE

____ 4 x 4 VEHICLE

____ RECREATIONAL TRAILER LONGER THAN 25 FEET

____ RECREATIONAL TRAILER SHORTER THAN 25 FEET

____ SINGLE-VEHICLE R.V. LONGER THAN 25 FEET

____ SINGLE-VEHICLE R.V. SHORTER THAN 25 FEET

____ MOTORCYCLE

____ TOUR BUS

____ OTHER (Please Specify): _____

_____

11. Many of the roads in Organ Pipe Cactus National Monument are graded dirt roads (such as Ajo Mountain Drive and Puerto Blanco Drive) or unimproved dirt roads. In your opinion, should these roads be removed, remain as they are, or be improved?

____ BE REMOVED

____ REMAIN AS THEY PRESENTLY ARE

____ BE IMPROVED

____ NO OPINION

If so, how?

___ PAVED

___ WIDENED

___ STRAIGHTENED

___ OTHER (Please Describe): _____

---

12. There are six (6) recommended walking/hiking trails in Organ Pipe Cactus National Monument. In your opinion, should the trail system remain as it is, or be changed?

____ LEAVE TRAILS AS THEY PRESENTLY ARE

____ CHANGES RECOMMENDED

____ NO OPINION

If so, what changes?

___ INCREASE THE NUMBER OF TRAILS

___ DECREASE THE NUMBER OF TRAILS

___ PROVIDE A GREATER RANGE OF FLAT → STEEP TRAILS

___ PROVIDE A GREATER RANGE OF IMPROVED → PRIMITIVE TRAILS

___ PROVIDE A GREATER RANGE OF LENGTHS OF HIKES/WALKS

___ INCREASE LEVEL OF MAINTENANCE OF TRAILS

___ OTHER (Please Specify): _____

_____

13. a) What did you and your group like most about this visit to Organ Pipe Cactus National Monument?

b) What did you and your group like least about this visit to Organ Pipe Cactus National Monument?

14. If you were planning for the future of Organ Pipe Cactus National Monument, what would you propose? (For example, would you plan for more care of natural resources; for changes that would serve the visitor more?) Please be as specific as possible.

15. Is there anything else you would like to tell us about your visit to Organ Pipe Cactus National Monument?

Thank you for your help! Please seal the questionnaire with the sticker provided and drop it in any U.S. mailbox.

Public reporting burden for this form is estimated to be 10 minutes per response. Direct comment regarding the burden estimate should be sent to the U.S. Department of Interior, National Park Service, Bureau Clearance Office, 18th and C Streets NW, Washington D.C. 20240 and the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington D.C. 20503.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
12795 W. Alameda Pkwy.
P.O. Box 25287
Denver, Co. 80225-0287

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PENALTY FOR PRIVATE USE

BUSINESS REPLY MAIL
FIRST CLASS Permit No. 12651 WASHINGTON, D.C.

POSTAGE WILL BE PAID BY ADDRESSEE

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

National Park Service
Denver Service Center - TWE
Attention: George Miller
12795 W. Alameda Parkway, Room 291
P.O. Box 25287
Denver, CO. 80225-0287

Appendix B:
Tabulation of Data

Organ Pipe Cactus National Monument Visitor Survey
Data Entry Analysis
APPENDIX - MISSING VALUES INCLUDED IN FREQUENCEY TABULATIONS

June, 1989

Conducted By

Social and Economic Sciences Research Center
Washington State University
Pullman, WA 99164-4014

Lesli Peterson Scott, Survey Manager
Doug Scott and Anita Judson, Survey Supervisors
Rod Baxter, Data Analyst

For

National Park Service
Denver Service Center
12795 W. Alameda Parkway
P.O. Box 25287
Denver, CO 80225-0287

Data Report 89-17A of Social and Economic Science Research Center

Q1 -- Day of the week

VAR2	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	53	9.4	53	9.4
MONDAY	77	13.7	130	23.2
TUESDAY	80	14.3	210	37.4
WEDNESDAY	75	13.4	285	50.8
THURSDAY	95	16.9	380	67.7
FRIDAY	76	13.5	456	81.3
SATURDAY	50	8.9	506	90.2
SUNDAY	55	9.8	561	100.0

Q1 -- Time of day (military time)

VAR3	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	53	9.4	53	9.4
JUST AM CIRCLED	24	4.3	77	13.7
JUST PM CIRCLED	42	7.5	119	21.2
100	1	0.2	120	21.4
700	1	0.2	121	21.6
745	1	0.2	122	21.7
800	9	1.6	131	23.4
830	4	0.7	135	24.1
900	18	3.2	153	27.3
930	3	0.5	156	27.8
1000	66	11.8	222	39.6
1030	14	2.5	236	42.1
1100	54	9.6	290	51.7
1115	2	0.4	292	52.0
1120	1	0.2	293	52.2
1130	21	3.7	314	56.0
1145	6	1.1	320	57.0
1200	14	2.5	334	59.5
1205	1	0.2	335	59.7
1210	1	0.2	336	59.9
1215	2	0.4	338	60.2
1230	12	2.1	350	62.4
1300	43	7.7	393	70.1
1315	1	0.2	394	70.2
1330	11	2.0	405	72.2
1345	1	0.2	406	72.4
1400	58	10.3	464	82.7
1415	1	0.2	465	82.9
1420	1	0.2	466	83.1
1430	11	2.0	477	85.0
1445	2	0.4	479	85.4
1450	1	0.2	480	85.6
1500	32	5.7	512	91.3
1520	1	0.2	513	91.4
1530	8	1.4	521	92.9
1545	1	0.2	522	93.0
1600	17	3.0	539	96.1
1630	4	0.7	543	96.8
1700	10	1.8	553	98.6
1730	2	0.4	555	98.9
1745	1	0.2	556	99.1
1800	2	0.4	558	99.5
1900	2	0.4	560	99.8
2000	1	0.2	561	100.0

Q2 -- Bates Well

VAR4	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	506	90.2	506	90.2
CHECKED	55	9.8	561	100.0

Q2 -- Alamo Canyon

VAR5	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	508	90.6	508	90.6
CHECKED	53	9.4	561	100.0

Q2 -- Bull Pasture

VAR6	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	500	89.1	500	89.1
CHECKED	61	10.9	561	100.0

Q2 -- Ajo Mountain Drive

VAR7	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	274	48.8	274	48.8
CHECKED	287	51.2	561	100.0

Q2 -- Desert View Nature Trail

VAR8	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	321	57.2	321	57.2
CHECKED	240	42.8	561	100.0

Q2 -- Victoria Mine

VAR9	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	449	80.0	449	80.0
CHECKED	112	20.0	561	100.0

Q2 -- Blankenship/Gachado Sites

VAR10	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	511	91.1	511	91.1
CHECKED	50	8.9	561	100.0

Q2 -- Senita Basin

VAR11	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	461	82.2	461	82.2
CHECKED	100	17.8	561	100.0

Q2 -- Mexico

VAR12	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	401	71.5	401	71.5
CHECKED	160	28.5	561	100.0

Q2 -- Puerto Blanco Drive

VAR13	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	363	64.7	363	64.7
CHECKED	198	35.3	561	100.0

Q2 -- Quitobaquito Springs

VAR14	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	397	70.8	397	70.8
CHECKED	164	29.2	561	100.0

Q3 -- VISIT THE VISITOR CENTER

VAR15	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	31	5.5	31	5.5
CHECKED	530	94.5	561	100.0

Q3 -- Picnic

VAR16	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	382	68.1	382	68.1
CHECKED	179	31.9	561	100.0

Q3 -- CAMP OVRNGHT IN CMPGRND IN RV

VAR17	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	244	43.5	244	43.5
CHECKED	317	56.5	561	100.0

Q3 -- Camp ovrnght in cmpgrnd in tent

VAR18	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	549	97.9	549	97.9
CHECKED	12	2.1	561	100.0

Q3 -- Camp ovrnght Alamo Prim Cmpgrnd

VAR19	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	549	97.9	549	97.9
CHECKED	12	2.1	561	100.0

Q3 -- Backpack overnight

VAR20	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	553	98.6	553	98.6
CHECKED	8	1.4	561	100.0

Q3 -- Stay overnight in Lukeville

VAR21	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	501	89.3	501	89.3
CHECKED	60	10.7	561	100.0

Q3 -- Hike trail for less than 1 hour

VAR22	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	313	55.8	313	55.8
CHECKED	248	44.2	561	100.0

Q3 -- Hike trail for more than 1 hour

VAR23	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	305	54.4	305	54.4
CHECKED	256	45.6	561	100.0

Q3 -- Day-hike cross-country

VAR24	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	519	92.5	519	92.5
CHECKED	42	7.5	561	100.0

Q3 -- Nature study

VAR25	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	396	70.6	396	70.6
CHECKED	165	29.4	561	100.0

Q3 -- Ranger guided walk/Ranger talk

VAR26	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	410	73.1	410	73.1
CHECKED	151	26.9	561	100.0

Q3 -- Attend evening program

VAR27	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	341	60.8	341	60.8
CHECKED	220	39.2	561	100.0

Q3 -- Use commr services at Lukeville

VAR28	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	225	40.1	225	40.1
CHECKED	336	59.9	561	100.0

Q3 -- OTHER

VAR29	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	8	1.4	8	1.4
YES	106	18.9	114	20.3
NO	447	79.7	561	100.0

	N	N MISSING	MEAN
Q4 -- If stay ovrnght, how mny nights	421	140	4.44655

VAR30	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	140	25.0	140	25.0
1	95	16.9	235	41.9
2	93	16.6	328	58.5
3	70	12.5	398	70.9
4	46	8.2	444	79.1
5	17	3.0	461	82.2
6	15	2.7	476	84.8
7	30	5.3	506	90.2
8	7	1.2	513	91.4
9	6	1.1	519	92.5
10	3	0.5	522	93.0
11	4	0.7	526	93.8
12	1	0.2	527	93.9
13	2	0.4	529	94.3
14	21	3.7	550	98.0
15	1	0.2	551	98.2
17	1	0.2	552	98.4
18	1	0.2	553	98.6
20	3	0.5	556	99.1
26	1	0.2	557	99.3
30	1	0.2	558	99.5
42	2	0.4	560	99.8
46	1	0.2	561	100.0

	N	N MISSING	MEAN
Q4 -- If not stayed, how many hours?	125	436	3.06400

VAR31	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	436	77.7	436	77.7
1	15	2.7	451	80.4
2	31	5.5	482	85.9
3	33	5.9	515	91.8
4	33	5.9	548	97.7
5	8	1.4	556	99.1
6	2	0.4	558	99.5
7	1	0.2	559	99.6
8	2	0.4	561	100.0

	N	N MISSING	MEAN
Q5 -- How many people in your group?	547	14	3.29981

VAR32	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	14	2.5	14	2.5
1	24	4.3	38	6.8
2	344	61.3	382	68.1
3	22	3.9	404	72.0
4	108	19.3	512	91.3
5	2	0.4	514	91.6
6	19	3.4	533	95.0
7	6	1.1	539	96.1
8	7	1.2	546	97.3
10	5	0.9	551	98.2
18	1	0.2	552	98.4
20	7	1.2	559	99.6
45	1	0.2	560	99.8
120	1	0.2	561	100.0

Q6 -- What kind of group were with?

VAR33	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	11	2.0	11	2.0
ALONE	48	8.6	59	10.5
FAMILY	362	64.5	421	75.0
FRIENDS	89	15.9	510	90.9
FAMILY & FRIENDS	39	7.0	549	97.9
ORGANIZE GROUP	5	0.9	554	98.8
OTHER	7	1.2	561	100.0

Q7 -- Yourself Age	N	N MISSING	MEAN
	545	16	62.03302

VAR34	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	16	2.9	16	2.9
24	3	0.5	19	3.4
25	1	0.2	20	3.6
28	3	0.5	23	4.1
29	2	0.4	25	4.5
30	3	0.5	28	5.0
31	1	0.2	29	5.2
32	1	0.2	30	5.3
33	3	0.5	33	5.9
34	3	0.5	36	6.4
35	4	0.7	40	7.1
36	6	1.1	46	8.2
37	2	0.4	48	8.6
40	7	1.2	55	9.8
41	3	0.5	58	10.3
42	1	0.2	59	10.5
43	2	0.4	61	10.9
44	1	0.2	62	11.1
45	5	0.9	67	11.9
46	2	0.4	69	12.3
47	1	0.2	70	12.5
48	3	0.5	73	13.0
49	4	0.7	77	13.7
50	5	0.9	82	14.6
51	1	0.2	83	14.8
52	4	0.7	87	15.5
53	6	1.1	93	16.6
54	4	0.7	97	17.3
55	3	0.5	100	17.8
56	7	1.2	107	19.1
57	22	3.9	129	23.0
58	17	3.0	146	26.0
59	13	2.3	159	28.3
60	26	4.6	185	33.0
61	23	4.1	208	37.1
62	30	5.3	238	42.4
63	23	4.1	261	46.5
64	31	5.5	292	52.0
65	36	6.4	328	58.5
66	33	5.9	361	64.3
67	41	7.3	402	71.7
68	30	5.3	432	77.0
69	21	3.7	453	80.7

Q7 -- Yourself Age

VAR34	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
70	20	3.6	473	84.3
71	27	4.8	500	89.1
72	13	2.3	513	91.4
73	12	2.1	525	93.6
74	8	1.4	533	95.0
75	6	1.1	539	96.1
76	6	1.1	545	97.1
77	4	0.7	549	97.9
78	4	0.7	553	98.6
79	3	0.5	556	99.1
80	1	0.2	557	99.3
81	3	0.5	560	99.8
82	1	0.2	561	100.0

RESPONDENT STATE

STATE1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
	34	6.1	34	6.1
ALASKA	1	0.2	35	6.2
ARIZONA	58	10.3	93	16.6
ARKANSAS	2	0.4	95	16.9
CALIFORNIA	96	17.1	191	34.0
COLORADO	21	3.7	212	37.8
CONNECTICUT	1	0.2	213	38.0
FLORIDA	4	0.7	217	38.7
HAWAII	1	0.2	218	38.9
IDAHO	16	2.9	234	41.7
ILLINOIS	8	1.4	242	43.1
INDIANA	4	0.7	246	43.9
IOWA	8	1.4	254	45.3
KANSAS	3	0.5	257	45.8
LOUISIANA	1	0.2	258	46.0
MASSACHUSETTS	4	0.7	262	46.7
MICHIGAN	22	3.9	284	50.6
MINNESOTA	13	2.3	297	52.9
MISSOURI	8	1.4	305	54.4
MONTANA	10	1.8	315	56.1
NEBRASKA	4	0.7	319	56.9
NEVADA	7	1.2	326	58.1
NEW JERSEY	4	0.7	330	58.8
NEW MEXICO	9	1.6	339	60.4
NEW YORK	8	1.4	347	61.9
N CAROLINA	2	0.4	349	62.2
N DAKOTA	3	0.5	352	62.7
OHIO	9	1.6	361	64.3
OKLAHOMA	1	0.2	362	64.5
OREGON	47	8.4	409	72.9
PENNSYLVANIA	5	0.9	414	73.8
RHODE ISLAND	1	0.2	415	74.0
S DAKOTA	1	0.2	416	74.2
TENNESSEE	1	0.2	417	74.3
TEXAS	6	1.1	423	75.4
UTAH	19	3.4	442	78.8
VIRGINIA	1	0.2	443	79.0
WASHINGTON	51	9.1	494	88.1
WISCONSIN	14	2.5	508	90.6
WYOMING	5	0.9	513	91.4
USA	14	2.5	527	93.9
CANADA	30	5.3	557	99.3
GERMANY	2	0.4	559	99.6

RESPONDENT STATE

STATE1	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
SWITZERLAND	1	0.2	560	99.8
NETHERLANDS	1	0.2	561	100.0

	N	N MISSING	MEAN
Q7 -- Yourself # Times Visited	532	29	2.18233

VAR36	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	29	5.2	29	5.2
1	301	53.7	330	58.8
2	108	19.3	438	78.1
3	39	7.0	477	85.0
4	29	5.2	506	90.2
5	20	3.6	526	93.8
6	10	1.8	536	95.5
7	4	0.7	540	96.3
8	8	1.4	548	97.7
9	2	0.4	550	98.0
10	4	0.7	554	98.8
11	1	0.2	555	98.9
12	2	0.4	557	99.3
15	2	0.4	559	99.6
16	1	0.2	560	99.8
20	1	0.2	561	100.0

	N	N MISSING	MEAN
Q7 -- Member #2 Age	513	48	61.97076

VAR37	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	48	8.6	48	8.6
1	1	0.2	49	8.7
21	2	0.4	51	9.1
24	1	0.2	52	9.3
25	1	0.2	53	9.4
26	1	0.2	54	9.6
27	1	0.2	55	9.8
30	2	0.4	57	10.2
31	1	0.2	58	10.3
32	1	0.2	59	10.5
34	2	0.4	61	10.9
35	1	0.2	62	11.1
36	3	0.5	65	11.6
37	3	0.5	68	12.1
39	2	0.4	70	12.5
40	2	0.4	72	12.8
41	3	0.5	75	13.4
42	2	0.4	77	13.7
44	3	0.5	80	14.3
45	1	0.2	81	14.4
46	2	0.4	83	14.8
47	4	0.7	87	15.5
48	1	0.2	88	15.7
49	5	0.9	93	16.6
50	3	0.5	96	17.1
51	5	0.9	101	18.0
52	6	1.1	107	19.1
53	6	1.1	113	20.1
54	7	1.2	120	21.4
55	13	2.3	133	23.7
56	16	2.9	149	26.6
57	4	0.7	153	27.3
58	17	3.0	170	30.3
59	20	3.6	190	33.9
60	22	3.9	212	37.8
61	22	3.9	234	41.7
62	34	6.1	268	47.8
63	28	5.0	296	52.8
64	30	5.3	326	58.1
65	45	8.0	371	66.1
66	26	4.6	397	70.8
67	27	4.8	424	75.6
68	24	4.3	448	79.9

Q7 -- Member #2 Age

VAR37	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
69	22	3.9	470	83.8
70	22	3.9	492	87.7
71	16	2.9	508	90.6
72	15	2.7	523	93.2
73	12	2.1	535	95.4
74	8	1.4	543	96.8
75	9	1.6	552	98.4
76	2	0.4	554	98.8
77	1	0.2	555	98.9
78	2	0.4	557	99.3
79	1	0.2	558	99.5
81	1	0.2	559	99.6
82	1	0.2	560	99.8
88	1	0.2	561	100.0

MEMBER #2 STATE

STATE2	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
	73	13.0	73	13.0
ALASKA	1	0.2	74	13.2
ARIZONA	50	8.9	124	22.1
ARKANSAS	2	0.4	126	22.5
CALIFORNIA	90	16.0	216	38.5
COLORADO	19	3.4	235	41.9
CONNECTICUT	1	0.2	236	42.1
FLORIDA	3	0.5	239	42.6
HAWAII	1	0.2	240	42.8
IDAHO	15	2.7	255	45.5
ILLINOIS	7	1.2	262	46.7
INDIANA	4	0.7	266	47.4
IOWA	9	1.6	275	49.0
KANSAS	3	0.5	278	49.6
LOUISIANA	1	0.2	279	49.7
MASSACHUSETTS	3	0.5	282	50.3
MICHIGAN	21	3.7	303	54.0
MINNESOTA	9	1.6	312	55.6
MISSOURI	7	1.2	319	56.9
MONTANA	8	1.4	327	58.3
NEBRASKA	5	0.9	332	59.2
NEVADA	5	0.9	337	60.1
NEW JERSEY	4	0.7	341	60.8
NEW MEXICO	9	1.6	350	62.4
NEW YORK	9	1.6	359	64.0
N CAROLINA	2	0.4	361	64.3
N DAKOTA	3	0.5	364	64.9
OHIO	9	1.6	373	66.5
OKLAHOMA	1	0.2	374	66.7
OREGON	42	7.5	416	74.2
PENNSYLVANIA	4	0.7	420	74.9
RHODE ISLAND	1	0.2	421	75.0
S DAKOTA	1	0.2	422	75.2
TENNESSEE	2	0.4	424	75.6
TEXAS	5	0.9	429	76.5
UTAH	17	3.0	446	79.5
VIRGINIA	1	0.2	447	79.7
WASHINGTON	48	8.6	495	88.2
WISCONSIN	14	2.5	509	90.7
WYOMING	5	0.9	514	91.6
USA	14	2.5	528	94.1
CANADA	30	5.3	558	99.5
GERMANY	2	0.4	560	99.8

MEMBER #2 STATE

STATE2	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
SWITZERLAND	1	0.2	561	100.0

	N	N MISSING	MEAN
Q7 -- Member #2 # Times Visited	489	72	2.15337

VAR39	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	72	12.8	72	12.8
1	284	50.6	356	63.5
2	101	18.0	457	81.5
3	32	5.7	489	87.2
4	25	4.5	514	91.6
5	16	2.9	530	94.5
6	9	1.6	539	96.1
7	5	0.9	544	97.0
8	7	1.2	551	98.2
9	1	0.2	552	98.4
10	1	0.2	553	98.6
11	1	0.2	554	98.8
12	3	0.5	557	99.3
14	1	0.2	558	99.5
16	1	0.2	559	99.6
20	1	0.2	560	99.8
30	1	0.2	561	100.0

	N	N MISSING	MEAN
Q7 -- Member #3 Age	150	411	61.68666

VAR40	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	411	73.3	411	73.3
1	1	0.2	412	73.4
2	1	0.2	413	73.6
4	1	0.2	414	73.8
10	1	0.2	415	74.0
12	1	0.2	416	74.2
16	1	0.2	417	74.3
30	2	0.4	419	74.7
31	1	0.2	420	74.9
33	1	0.2	421	75.0
40	1	0.2	422	75.2
42	1	0.2	423	75.4
45	1	0.2	424	75.6
48	1	0.2	425	75.8
51	1	0.2	426	75.9
54	2	0.4	428	76.3
55	6	1.1	434	77.4
56	5	0.9	439	78.3
57	5	0.9	444	79.1
58	5	0.9	449	80.0
59	1	0.2	450	80.2
60	5	0.9	455	81.1
61	3	0.5	458	81.6
62	12	2.1	470	83.8
63	6	1.1	476	84.8
64	8	1.4	484	86.3
65	10	1.8	494	88.1
66	8	1.4	502	89.5
67	10	1.8	512	91.3
68	9	1.6	521	92.9
69	7	1.2	528	94.1
70	9	1.6	537	95.7
71	1	0.2	538	95.9
72	6	1.1	544	97.0
73	3	0.5	547	97.5
74	2	0.4	549	97.9
75	2	0.4	551	98.2
76	4	0.7	555	98.9
78	1	0.2	556	99.1
79	2	0.4	558	99.5
80	1	0.2	559	99.6
88	2	0.4	561	100.0

MEMBER #3 STATE

STATE3	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	428	76.3	428	76.3
ARIZONA	24	4.3	452	80.6
CALIFORNIA	21	3.7	473	84.3
COLORADO	3	0.5	476	84.8
CONNECTICUT	1	0.2	477	85.0
IDAHO	2	0.4	479	85.4
ILLINOIS	1	0.2	480	85.6
INDIANA	2	0.4	482	85.9
IOWA	2	0.4	484	86.3
KANSAS	1	0.2	485	86.5
MASSACHUSETTS	1	0.2	486	86.6
MICHIGAN	2	0.4	488	87.0
MINNESOTA	2	0.4	490	87.3
MISSOURI	1	0.2	491	87.5
MONTANA	3	0.5	494	88.1
NEW MEXICO	2	0.4	496	88.4
NEW YORK	2	0.4	498	88.8
N DAKOTA	1	0.2	499	88.9
OREGON	15	2.7	514	91.6
PENNSYLVANIA	1	0.2	515	91.8
RHODE ISLAND	2	0.4	517	92.2
S DAKOTA	3	0.5	520	92.7
TEXAS	2	0.4	522	93.0
UTAH	6	1.1	528	94.1
VERMONT	1	0.2	529	94.3
VIRGINIA	1	0.2	530	94.5
WASHINGTON	10	1.8	540	96.3
WISCONSIN	4	0.7	544	97.0
USA	6	1.1	550	98.0
CANADA	10	1.8	560	99.8
GERMANY	1	0.2	561	100.0

	N	N MISSING	MEAN
Q7 -- Member #3 # Times Visited	142	419	1.77464

VAR42	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	419	74.7	419	74.7
1	90	16.0	509	90.7
2	33	5.9	542	96.6
3	9	1.6	551	98.2
4	4	0.7	555	98.9
5	1	0.2	556	99.1
6	3	0.5	559	99.6
15	2	0.4	561	100.0

Q7 -- Member #4 Age	N	N MISSING	MEAN
	128	433	62.95312

VAR43	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	433	77.2	433	77.2
13	1	0.2	434	77.4
28	1	0.2	435	77.5
29	1	0.2	436	77.7
40	1	0.2	437	77.9
41	2	0.4	439	78.3
46	1	0.2	440	78.4
47	1	0.2	441	78.6
48	1	0.2	442	78.8
51	2	0.4	444	79.1
52	1	0.2	445	79.3
53	1	0.2	446	79.5
54	1	0.2	447	79.7
55	1	0.2	448	79.9
56	4	0.7	452	80.6
57	1	0.2	453	80.7
58	9	1.6	462	82.4
59	3	0.5	465	82.9
60	5	0.9	470	83.8
61	3	0.5	473	84.3
62	12	2.1	485	86.5
63	5	0.9	490	87.3
64	7	1.2	497	88.6
65	12	2.1	509	90.7
66	6	1.1	515	91.8
67	9	1.6	524	93.4
68	7	1.2	531	94.7
69	5	0.9	536	95.5
70	6	1.1	542	96.6
71	3	0.5	545	97.1
72	3	0.5	548	97.7
73	2	0.4	550	98.0
74	4	0.7	554	98.8
76	1	0.2	555	98.9
77	1	0.2	556	99.1
78	3	0.5	559	99.6
80	1	0.2	560	99.8
81	1	0.2	561	100.0

MEMBER #4 STATE

STATE4	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	448	79.9	448	79.9
ARIZONA	17	3.0	465	82.9
CALIFORNIA	18	3.2	483	86.1
COLORADO	3	0.5	486	86.6
IDAHO	1	0.2	487	86.8
ILLINOIS	1	0.2	488	87.0
INDIANA	2	0.4	490	87.3
IOWA	2	0.4	492	87.7
KANSAS	1	0.2	493	87.9
MASSACHUSETTS	1	0.2	494	88.1
MICHIGAN	2	0.4	496	88.4
MINNESOTA	2	0.4	498	88.8
MISSOURI	1	0.2	499	88.9
MONTANA	3	0.5	502	89.5
NEW MEXICO	2	0.4	504	89.8
NEW YORK	2	0.4	506	90.2
N DAKOTA	1	0.2	507	90.4
OHIO	1	0.2	508	90.6
OREGON	14	2.5	522	93.0
RHODE ISLAND	2	0.4	524	93.4
S DAKOTA	3	0.5	527	93.9
TEXAS	2	0.4	529	94.3
UTAH	6	1.1	535	95.4
WASHINGTON	9	1.6	544	97.0
WISCONSIN	2	0.4	546	97.3
USA	4	0.7	550	98.0
CANADA	10	1.8	560	99.8
GERMANY	1	0.2	561	100.0

	N	N MISSING	MEAN
Q7 -- Member #4 # Times Visited	121	440	1.79338

VAR45	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	440	78.4	440	78.4
1	78	13.9	518	92.3
2	26	4.6	544	97.0
3	8	1.4	552	98.4
4	4	0.7	556	99.1
6	3	0.5	559	99.6
14	1	0.2	560	99.8
15	1	0.2	561	100.0

	N	N MISSING	MEAN
Q7 -- Member #5 Age	24	537	62.66666

VAR46	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	537	95.7	537	95.7
43	1	0.2	538	95.9
53	1	0.2	539	96.1
55	1	0.2	540	96.3
58	1	0.2	541	96.4
59	3	0.5	544	97.0
60	2	0.4	546	97.3
62	3	0.5	549	97.9
63	3	0.5	552	98.4
65	4	0.7	556	99.1
66	1	0.2	557	99.3
69	1	0.2	558	99.5
74	1	0.2	559	99.6
76	1	0.2	560	99.8
78	1	0.2	561	100.0

MEMBER #5 STATE

STATE5	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	549	97.9	549	97.9
ARIZONA	1	0.2	550	98.0
CALIFORNIA	5	0.9	555	98.9
OHIO	1	0.2	556	99.1
OREGON	1	0.2	557	99.3
PENNSYLVANIA	1	0.2	558	99.5
UTAH	1	0.2	559	99.6
WASHINGTON	1	0.2	560	99.8
USA	1	0.2	561	100.0

	N	N MISSING	MEAN
Q7 -- Member #5 # Times Visited	22	539	1.45454

VAR48	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	539	96.1	539	96.1
1	15	2.7	554	98.8
2	4	0.7	558	99.5
3	3	0.5	561	100.0

Q8 -- Visitor Center

VAR49	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	30	5.3	30	5.3
EXTREME USEFUL	293	52.2	323	57.6
VERY USEFUL	168	29.9	491	87.5
MODERATE USEFUL	49	8.7	540	96.3
SOMEWHAT USEFUL	8	1.4	548	97.7
NOT USEFUL	13	2.3	561	100.0

Q8 -- Campgrounds

VAR50	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	194	34.6	194	34.6
EXTREME USEFUL	239	42.6	433	77.2
VERY USEFUL	83	14.8	516	92.0
MODERATE USEFUL	22	3.9	538	95.9
SOMEWHAT USEFUL	8	1.4	546	97.3
NOT USEFUL	15	2.7	561	100.0

Q8 -- Restrooms

VAR51	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	76	13.5	76	13.5
EXTREME USEFUL	262	46.7	338	60.2
VERY USEFUL	138	24.6	476	84.8
MODERATE USEFUL	49	8.7	525	93.6
SOMEWHAT USEFUL	19	3.4	544	97.0
NOT USEFUL	17	3.0	561	100.0

Q8 -- Commer Facilities in Lukeville

VAR52	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	213	38.0	213	38.0
EXTREME USEFUL	50	8.9	263	46.9
VERY USEFUL	98	17.5	361	64.3
MODERATE USEFUL	110	19.6	471	84.0
SOMEWHAT USEFUL	64	11.4	535	95.4
NOT USEFUL	26	4.6	561	100.0

Q8 -- Evening Programs

VAR53	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	312	55.6	312	55.6
EXTREME USEFUL	103	18.4	415	74.0
VERY USEFUL	87	15.5	502	89.5
MODERATE USEFUL	32	5.7	534	95.2
SOMEWHAT USEFUL	13	2.3	547	97.5
NOT USEFUL	14	2.5	561	100.0

Q8 -- Guided Walks, Talks

VAR54	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	339	60.4	339	60.4
EXTREME USEFUL	97	17.3	436	77.7
VERY USEFUL	77	13.7	513	91.4
MODERATE USEFUL	26	4.6	539	96.1
SOMEWHAT USEFUL	8	1.4	547	97.5
NOT USEFUL	14	2.5	561	100.0

Q8 -- Direction Signs

VAR55	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	87	15.5	87	15.5
EXTREME USEFUL	245	43.7	332	59.2
VERY USEFUL	147	26.2	479	85.4
MODERATE USEFUL	48	8.6	527	93.9
SOMEWHAT USEFUL	18	3.2	545	97.1
NOT USEFUL	16	2.9	561	100.0

Q8 -- Publications

VAR56	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	134	23.9	134	23.9
EXTREME USEFUL	209	37.3	343	61.1
VERY USEFUL	162	28.9	505	90.0
MODERATE USEFUL	28	5.0	533	95.0
SOMEWHAT USEFUL	17	3.0	550	98.0
NOT USEFUL	11	2.0	561	100.0

Q8 -- Other

VAR57	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	18	3.2	18	3.2
YES	63	11.2	81	14.4
NO	480	85.6	561	100.0

Q9 -- Scenery/Natural Setting

VAR58	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	15	2.7	15	2.7
EXTREME IMPORT	455	81.1	470	83.8
VERY IMPORT	58	10.3	528	94.1
IMPORT	16	2.9	544	97.0
SOMEWHAT IMPORT	5	0.9	549	97.9
NOT IMPORT	12	2.1	561	100.0

Q9 -- Solitude

VAR59	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	40	7.1	40	7.1
EXTREME IMPORT	293	52.2	333	59.4
VERY IMPORT	112	20.0	445	79.3
IMPORT	68	12.1	513	91.4
SOMEWHAT IMPORT	30	5.3	543	96.8
NOT IMPORT	18	3.2	561	100.0

Q9 -- Climate

VAR60	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	31	5.5	31	5.5
EXTREME IMPORT	269	48.0	300	53.5
VERY IMPORT	142	25.3	442	78.8
IMPORT	78	13.9	520	92.7
SOMEWHAT IMPORT	19	3.4	539	96.1
NOT IMPORT	22	3.9	561	100.0

Q9 -- Desert Plants

VAR61	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	26	4.6	26	4.6
EXTREME IMPORT	361	64.3	387	69.0
VERY IMPORT	111	19.8	498	88.8
IMPORT	41	7.3	539	96.1
SOMEWHAT IMPORT	11	2.0	550	98.0
NOT IMPORT	11	2.0	561	100.0

Q9 -- Desert Animals

VAR62	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	86	15.3	86	15.3
EXTREME IMPORT	248	44.2	334	59.5
VERY IMPORT	104	18.5	438	78.1
IMPORT	79	14.1	517	92.2
SOMEWHAT IMPORT	31	5.5	548	97.7
NOT IMPORT	13	2.3	561	100.0

Q9 -- Interpretive Programs

VAR63	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	162	28.9	162	28.9
EXTREME IMPORT	131	23.4	293	52.2
VERY IMPORT	118	21.0	411	73.3
IMPORT	75	13.4	486	86.6
SOMEWHAT IMPORT	39	7.0	525	93.6
NOT IMPORT	36	6.4	561	100.0

Q9 -- Wayside Signs/Exhibits

VAR64	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	86	15.3	86	15.3
EXTREME IMPORT	171	30.5	257	45.8
VERY IMPORT	175	31.2	432	77.0
IMPORT	76	13.5	508	90.6
SOMEWHAT IMPORT	37	6.6	545	97.1
NOT IMPORT	16	2.9	561	100.0

Q9 -- Historic Sites

VAR65	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	159	28.3	159	28.3
EXTREME IMPORT	119	21.2	278	49.6
VERY IMPORT	117	20.9	395	70.4
IMPORT	91	16.2	486	86.6
SOMEWHAT IMPORT	45	8.0	531	94.7
NOT IMPORT	30	5.3	561	100.0

Q9 -- Clear Night Sky

VAR66	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	133	23.7	133	23.7
EXTREME IMPORT	240	42.8	373	66.5
VERY IMPORT	84	15.0	457	81.5
IMPORT	55	9.8	512	91.3
SOMEWHAT IMPORT	19	3.4	531	94.7
NOT IMPORT	30	5.3	561	100.0

Q9 -- Quitobaquito Springs

VAR67	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	289	51.5	289	51.5
EXTREME IMPORT	73	13.0	362	64.5
VERY IMPORT	58	10.3	420	74.9
IMPORT	55	9.8	475	84.7
SOMEWHAT IMPORT	33	5.9	508	90.6
NOT IMPORT	53	9.4	561	100.0

Q10 -- Passenger vehicle

VAR68	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	280	49.9	280	49.9
CHECKED	281	50.1	561	100.0

Q10 -- 4 x 4 vehicle

VAR69	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	495	88.2	495	88.2
CHECKED	66	11.8	561	100.0

Q10 -- Rec trailer longer than 25 feet

VAR70	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	449	80.0	449	80.0
CHECKED	112	20.0	561	100.0

Q10 -- Rec trailer shorter thn 25 feet

VAR71	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	469	83.6	469	83.6
CHECKED	92	16.4	561	100.0

Q10 -- Sngl-vehicle RV lnger than 25

VAR72	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	483	86.1	483	86.1
CHECKED	78	13.9	561	100.0

Q10 -- Sngl-vehicle RV shrtr than 25

VAR73	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	450	80.2	450	80.2
CHECKED	111	19.8	561	100.0

Q10 -- Motorcycle

VAR74	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	555	98.9	555	98.9
CHECKED	6	1.1	561	100.0

Q10 -- Tour bus

VAR75	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	561	100.0	561	100.0

Q10 -- Other

VAR76	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	11	2.0	11	2.0
YES	27	4.8	38	6.8
NO	523	93.2	561	100.0

Q11 -- What to do w/ graded dirt roads

VAR77		FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
	.	25	4.5	25	4.5
BE	REMOVED	4	0.7	29	5.2
REMAIN	AS ARE	278	49.6	307	54.7
BE	IMPROVED	204	36.4	511	91.1
NO	OPINION	50	8.9	561	100.0

Q12 -- Increase the number of trails

VAR84	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	491	87.5	491	87.5
CHECKED	70	12.5	561	100.0

Q12 -- Decrease the number of trails

VAR85	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	561	100.0	561	100.0

Q12 -- Grtr rnge of flat to steep trls

VAR86	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	537	95.7	537	95.7
CHECKED	24	4.3	561	100.0

Q12 -- Grtr rnge of imprved to prmitv

VAR87	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	527	93.9	527	93.9
CHECKED	34	6.1	561	100.0

Q12 -- Grtr rnge of lengths of hikes

VAR88	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	514	91.6	514	91.6
CHECKED	47	8.4	561	100.0

Q12 -- Incrs level of maintain of trls

VAR89	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	538	95.9	538	95.9
CHECKED	23	4.1	561	100.0

Q12 -- Other

VAR90	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	8	1.4	8	1.4
YES	30	5.3	38	6.8
NO	523	93.2	561	100.0

Q4 -- Stay ovrnght in Organ Monument?

VAR91	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	22	3.9	22	3.9
YES	415	74.0	437	77.9
NO	124	22.1	561	100.0

Q11 -- Paved

VAR92	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	452	80.6	452	80.6
CHECKED	109	19.4	561	100.0

Q11 -- Widened

VAR93	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	514	91.6	514	91.6
CHECKED	47	8.4	561	100.0

Q11 -- Straightened

VAR94	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MISSING	556	99.1	556	99.1
CHECKED	5	0.9	561	100.0

Q11 -- Other Comment: Graded / Smooth

VAR95	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	501	89.3	501	89.3
RESP HAS CHOICE	60	10.7	561	100.0

Q11 -- OTHER - ANYTHING ELSE

VAR96	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	506	90.2	506	90.2
ANYTHING ELSE	55	9.8	561	100.0

VEHICLE USED IN MONUMENT

VEHICLE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	12	2.1	12	2.1
PASSENGR	281	50.1	293	52.2
4X4 VEHICLE	59	10.5	352	62.7
RECTRAIL 25FT +	58	10.3	410	73.1
RECTRAIL 25FT -	35	6.2	445	79.3
SNGL VEH RV 25+	29	5.2	474	84.5
SNGL VEH RV 25-	84	15.0	558	99.5
MOTORCYC	1	0.2	559	99.6
OTHER	2	0.4	561	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	16	2.9	16	2.9
21 TO 30	12	2.1	28	5.0
31 TO 40	27	4.8	55	9.8
41 TO 50	27	4.8	82	14.6
51 TO 60	103	18.4	185	33.0
61 TO 70	288	51.3	473	84.3
71 TO 80	84	15.0	557	99.3
81+	4	0.7	561	100.0

TABLE OF VAR77 BY VEHICLE

VAR77(Q11 -- What to do w/ graded dirt roads)
VEHICLE(VEHICLE USED IN MONUMENT)

FREQUENCY PERCENT ROW PCT COL PCT	.	PASSENGR	4X4 VEHICLE	RECTRAIL 25FT +	RECTRAIL 25FT -	TOTAL
	12	6	2	1	1	25
	2.14	1.07	0.36	0.18	0.18	4.46
	48.00	24.00	8.00	4.00	4.00	
	100.00	2.14	3.39	1.72	2.86	
BE REMOVED	0	3	1	0	0	4
	0.00	0.53	0.18	0.00	0.00	0.71
	0.00	75.00	25.00	0.00	0.00	
	0.00	1.07	1.69	0.00	0.00	
REMAIN AS ARE	0	140	36	23	20	278
	0.00	24.96	6.42	4.10	3.57	49.55
	0.00	50.36	12.95	8.27	7.19	
	0.00	49.82	61.02	39.66	57.14	
BE IMPROVED	0	109	15	25	12	204
	0.00	19.43	2.67	4.46	2.14	36.36
	0.00	53.43	7.35	12.25	5.88	
	0.00	38.79	25.42	43.10	34.29	
NO OPINION	0	23	5	9	2	50
	0.00	4.10	0.89	1.60	0.36	8.91
	0.00	46.00	10.00	18.00	4.00	
	0.00	8.19	8.47	15.52	5.71	
TOTAL	12	281	59	58	35	561
	2.14	50.09	10.52	10.34	6.24	100.00

(CONTINUED)

TABLE OF VAR77 BY VEHICLE

VAR77(Q11 -- What to do w/ graded dirt roads)
VEHICLE(VEHICLE USED IN MONUMENT)

FREQUENCY PERCENT ROW PCT COL PCT		SNGL VEH RV 25+	SNGL VEH RV 25-	MOTORCYC	OTHER	TOTAL
		2 0.36 8.00 6.90	1 0.18 4.00 1.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	25 4.46
BE	REMOVED	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.71
REMAIN	AS ARE	10 1.78 3.60 34.48	46 8.20 16.55 54.76	1 0.18 0.36 100.00	2 0.36 0.72 100.00	278 49.55
BE	IMPROVED	12 2.14 5.88 41.38	31 5.53 15.20 36.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	204 36.36
NO	OPINION	5 0.89 10.00 17.24	6 1.07 12.00 7.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	50 8.91
TOTAL		29 5.17	84 14.97	1 0.18	2 0.36	561 100.00

STATISTICS FOR TABLE OF VAR77 BY VEHICLE

STATISTIC	DF	VALUE	PROB
CHI-SQUARE	32	284.468	0.000
LIKELIHOOD RATIO CHI-SQUARE	32	105.476	0.000
MANTEL-HAENSZEL CHI-SQUARE	1	3.921	0.048
PHI		0.712	
CONTINGENCY COEFFICIENT		0.580	
CRAMER'S V		0.356	

SAMPLE SIZE = 561
WARNING: 60% OF THE CELLS HAVE EXPECTED COUNTS LESS THAN 5. CHI-SQUARE MAY NOT BE A VALID TEST.