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**TELEPHONE SURVEY
PRETEST AND PRETEST
QUESTIONNAIRES**

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TELEPHONE SURVEY PRETEST AND PRETEST QUESTIONNAIRE

Compiled for
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Bureau of Planning
St. Paul, Minnesota

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Executive Summary

On the 19th through the 23rd of September, 1977 a pretest of a series of telephonically administered outdoor recreation participation questionnaires was conducted at the offices of the Hennepin County Park Reserve District located near Maple Plain, Minnesota. Principal interviewers were supplied by the Hennepin County Park Reserve District and the University of Minnesota. The pretest was conducted by members of the staff of the Institute of Outdoor Recreation and Tourism at Utah State University with assistance from members of the planning staff of the Minnesota Department of Natural Resources.

A series of six questionnaires as well as two telephone number selection methods were tested in Minnesota Development Regions 10 (the Metropolitan Council) and 11 (the Rochester area). Nearly 130 households representing over 350 persons over six years of age were interviewed.

PURPOSE OF THIS PUBLICATION

This publication is one of a series of reports documenting the development and administration of Minnesota's 1977-1978 outdoor recreation surveys. The purpose of this series and this publication is to ensure that the surveys are correctly understood, used, and can be replicated in the future.

To those who try to understand and use:

"Man tries to make for himself, in the fashion that suits him best, a simplified and intelligible picture of the world. He then tries, to some extent, to substitute this cosmos of his for the world of experience, and thus overcome it..."

Albert Einstein

To those who replicate:

good luck

INTRODUCTION

On the 19th through the 22nd of September, 1977, a pretest of a series of telephonically administered outdoor recreation participation questionnaires was conducted as called for in contract 330233 entitled A Survey of the Outdoor Recreation Participation of Minnesota Residents, between the Minnesota Department of Natural Resources and Utah State University.

The pretest was specifically designed to:

1. Ascertain how much data could be collected in a 10 minute telephone call.
2. Ascertain acceptable sample sizes for the effort.
3. Ascertain the biases associated with one week and two week recall periods.
4. Ascertain the costs and benefits associated with random digit dialing and telephone number selection from published listings.
5. Develop a smooth flowing, logical telephone survey instrument.

The interviews were conducted during the evening hours, 5:00 through 9:00, principally by two members of the staff of the Hennepin County Park Reserve District and two graduate students from the University of Minnesota. In addition, interviews were also conducted by staff members of the Minnesota Department of Natural Resources (DNR), Institute of Outdoor Recreation and Tourism (IORT) at Utah State University, and members of the DNR Survey Design Committee from the Metropolitan Council, Hennepin Park Reserve District, and the staff of the University of Minnesota. All calls were made from the Hennepin County Park Reserve District offices located near Maple Plain, Minnesota. The IORT project director and principal investigators were present to supervise the pretest effort.

QUESTIONNAIRE DEVELOPMENT

Prior to the pretest, IORT developed a series of questionnaires. These were designed to obtain outdoor recreation participation data as well as information on user satisfaction, hunting, fishing, equipment ownership, and demographic characteristics of respondents and their households. Appendix A contains copies of each of the pretested questionnaires. Copies of their accompanying response sheets are located in Appendix B.

The original series included the following instruments: a. participation-satisfaction-fishing-hunting; b. participation-satisfaction-fishing; c. participation-fishing-hunting; d. participation-satisfaction; e. participation-fishing; and f. participation. All questionnaires contained questions on equipment ownership and demographics.

These six questionnaires were developed by combining blocks of questions concerning satisfaction with outdoor recreation facilities (S), fishing (F), hunting (H), introduction, participation(P), and demographics section (Appendix A).

Each questionnaire began with an introductory statement indicating the call was on behalf of the Minnesota Department of Natural Resources and the interviewer desired to speak with the male or female head of the household. The head of the household was then informed that each household was randomly selected, information was confidential, and outdoor recreation participation was the subject of the interview. Next, the respondent was asked to give the first name and age of all household members actually living at home. Then an activity list was read and the respondent was asked to indicate if any household members had participated in any of

the activities during a recent time frame (see Activity List, page 10 and Recall, page 11). If any members had participated in any activities, the interviewer asked how many times the individual household member(s) had participated, where and which day(s) each participation took place, the time of day, and the duration of each participation.

Following the gathering of actual participation data, a series of detailed participation trends questions were asked. In the most elaborate version, these asked the respondent whether they had stopped participating in any activities during the last two years, begun participating in any new activities during the last two years, or shifted their activity patterns during the last two years.

If any household members had visited any public outdoor recreation area in Minnesota during the sample period, the respondent was asked a series of detailed facility satisfaction questions concerning their most recent visit to that facility. This series also included questions on the use of educational or informational displays or programs and their effect on satisfaction.

If any fishing was reported during the sample period, a series of detailed fishing questions was asked. The hunting section was led by a question asking whether or not any member of the household had hunted or trapped during the last year. If so, a series of hunting and trapping questions was asked.

The hunting section was followed by an equipment ownership question. The respondents were then told by the interviewer that answers to a set of demographic questions were necessary to categorize their responses to the previous questions. These demographic questions dealt with the location

of residence, length of residence at that location, length of residence in Minnesota, marital status, education of the respondent, and, if applicable, the respondent's spouse, the occupation of the respondent and spouse, and the combined household income.

The same basic participation and demographic questions were used on each questionnaire. Entire modules of detailed questions were deleted on some versions. For example, the PS questionnaire did not contain detailed questions on fishing or hunting except to ask whether or not there were persons who fished or hunted within the household; if so, a request for their name(s) and address(es) was made in order to send them a mailed fishing and/or hunting questionnaire. However, actual participation in fishing or hunting was obtained for the recent recall period. The P series of questionnaires did not have fishing, hunting, or satisfaction questions. As pointed out above, all instruments contained the introduction, participation, equipment ownership, some reference to fishing and hunting (although at minimum, a request for names and addresses) and demographic sections.

As the pretest progressed, it was decided not to administer the participation-fishing-hunting, nor the participation-fishing versions, and instead, to add a series of three modified participation only questionnaires. This decision was made primarily to most effectively utilize available sampling time. This series contained a participation only instrument with a shortened activity list, a participation only with a categorized activity list, and an open-ended participation instrument (see Appendix A and page 2 for a discussion of pretest questionnaires).

REGIONS

Two Minnesota development regions were selected for the pretest. They were: Region 10 consisting of Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha, and Winona counties; and Region 11, the Metropolitan Council, consisting of Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington counties. Region 10 is located in the extreme southeast corner of the state and contains the city of Rochester. Region 11 is an east central region in which Minneapolis and St. Paul are located. Both were selected by the Department of Natural Resources for the pretest subject to guidelines offered by IORT. Region 11 was selected because of its metropolitan nature, Region 10 because of its population diversity. One-half of the samples drawn for the pretest were from each region.

SAMPLING

Two methods were used to select the sample telephone numbers used in the pretest. The purpose was to ascertain the cost/benefit of randomly generated numbers and numbers selected from telephone directories. To select the sample from residential listings in telephone books, all of the telephone books covering each sample region were obtained. DNR/IORT estimated the number of residential numbers in each book. Then, a predetermined quantity of sample numbers was drawn from each book. That quantity was in the same proportion to the region's total sample, as each book's estimated number of residential telephone numbers was in proportion to the region's total residential telephone numbers.

The second method, random telephone number generation, was based on the prefixes of the telephone numbers in each region. The prefix is the first three numbers. For example, the prefix for the number 296-1779 is 296. Sample selection was accomplished by providing interviewers with a set of prefixes. The distribution of prefixes in that list was the same as the distribution of prefixes in the population. DNR/IORT also provided interviewers with a set of four digit numbers. To contact a randomly generated telephone number, the interviewer would select the first prefix listed and attached the first four digit random number to the prefix. If dialing that number resulted in a nonoperative number, the interviewer attached a new four digit random number to the original prefix and redialed. This process was followed until a "ringing" number was contacted.

A total of 304 numbers were selected from the telephone directories covering Region 10 and 11. Half of the numbers were from each region.

DNR personnel performed the selection. DNR/IORT developed a scheme to ensure that one-third of the numbers called were randomly selected from telephone directories. This scheme used answer recording sheets as a regulating mechanism.

Each answer sheet had either a telephone number or a telephone prefix and a set of random four digit numbers at the top of the sheet. Telephone numbers were on two-thirds of the sheets and telephone prefixes were on one-third.

ANSWER SHEETS

In addition to regulating the mix of random and listed numbers called, answer sheets served a three-fold purpose. They provided an organized area for recording answers and call results. They helped guide the interviewer through the interview. Lastly, they provided a formal communication mechanism to facilitate feedback from interviewers.

Answers to all questions were recorded on separate answer sheets, one type for each questionnaire variety (Appendix B). An answer sheet was used for one telephone number only. The results of each call were categorized as a completed interview, a refusal, a disconnect, or one of four types where a return call was necessary. These situations were: no answer; busy signal; head of household; or another time for the interview. Provisions were made for up to two calls back, but the survey schedule prevented this in some cases.

Interviewer feedback on questionnaires concerned the sex of the respondent, whether or not the respondent reacted negatively to the questionnaire, if additional information was volunteered by the respondent, which questions (if any) caused problems and the nature of those problems, and any other comments from that specific interview.

ACTIVITY LISTS

When asking the actual participation questions, the interviewer read a list of activities. The original list was supplied by DNR. The lists actually used were produced by IORT in conjunction with DNR representatives. All lists were approved by DNR. All questionnaires, except for the P₁ series, utilized the longer activity list. The P₁ questionnaire used an abbreviated list, P₁CAL a categorized abbreviated list, and P₁Open-Ended used no list. This series was developed to attempt to overcome the cumbersome nature of reading activity lists over the telephone.

RECALL

One of the two recall periods, one week or two weeks, was assigned each answer sheet. The periods were assigned alternatively to individual telephone numbers, regardless of region or selection method. The two week period was not tested during the last evening of calling.

Both recall periods changed each night. For example, if a call was placed on Monday and the recall period was one week, the interviewer asked for recreation participations for the previous Monday through the just past Sunday, seven days. If the call was placed on Tuesday, the interviewer asked about the past Tuesday through the Monday just past. The same procedure was used for the two week recall period except the recall period covered 14 days.

PROCEDURE

On Monday, September 19th, the questionnaire containing participation, satisfaction, fishing, and hunting (PSFH) questions was tested. Before any questioning took place, members of the IORT staff introduced the pretest to all interviewers. Items covered included the purpose of the pretest, each instrument, recreation activities studied (Appendix C), definitions of activities, what to expect, what to do in case of a problem, how to use the answer sheet. In addition, the participation-satisfaction-fishing-hunting (PSFH) questionnaire was discussed in detail.

At the completion of the calling session, all interviewers, IORT staff, DNR staff members, and others discussed the evening's interviewing. Specific problems and general comments were aired. Suggestions for improvement of procedures and questionnaires were made at this time.

On Tuesday, September 20th, questionnaire changes to update the logical flow were incorporated into the participation-satisfaction-fishing-hunting (PSFH) questionnaire for use during that evening's calling. Questionnaires and answer sheets for the PSF sample were reproduced and random exchanges and telephone directory numbers were assigned to individual questionnaires. Revised PSFH questionnaires were tried a second time if there had been no answer, a busy signal, or if there had been a contact but the head of the household was not at home, or the respondents requested a call at a more convenient time. The primary thrust of the session, however, was the testing of the PSF questionnaire. A discussion with the interviewers followed the calling session.

The same basic pattern was followed on Wednesday, the 21st, and Thursday,

the 22nd. On the 21st, remaining PSF questionnaires were recalled, but primary emphasis was placed on the questionnaire designed to examine participation alone (P).

The last night of calling, the 22nd, again followed the established format. Remaining P questionnaires were called and the three additional P_1 types, all based on the P type, were tried. These P_1 s utilized an abbreviated activity list, a categorized activity list, an open-ended activity format (see Appendix A, and pages 3 through 5 for examples and discussion of the questionnaires used in the pretest).

CONCLUSION

The pretest was applied in a manner that maximized control over environmental factors that could have led to erroneous conclusions. It was designed in a manner that allowed fulfillment of its purpose, quickly, and efficiently. Future pretests could result in different conclusions given different interviewers, a different time of year, a different sample or a different group of administrators. For those conclusions and recommendations, see Report Number 2, Telephone Survey Pretest Results and Recommendations.

A P P E N D I X A

SAMPLE QUESTIONNAIRES PSHF, PSF, PS, PF, P, P₁, P₁CAL, P₁OPEN-ENDED.

QUESTIONNAIRES PHF AND PF WERE NOT PRETESTED.

THE P AND P₁ ARE THE SAME QUESTIONNAIRE, BUT UTILIZED DIFFERENT ACTIVITY LISTS.

PSHF

MINNESOTA OUTDOOR RECREATION PRETEST QUESTIONNAIRE #5

1. Hello, my is _____. I am calling from the Minnesota Department of Natural Resources. Am I speaking with the male or female head of the household?
_____ Yes (Go to 5) _____ No (Go to 2)
2. Is the head of the household there?
_____ Yes (Go to 4) _____ No (Go to 3)
3. When might I be able to reach the head of the household? (Record the information in return call space and terminate the call.)

4. May I speak with the head of the household?
_____ Yes (Go to 1) _____ No (Go to 3)
5. To aid the Department in its planning, we are asking Minnesota residents to tell us about their household's outdoor recreation activities. By knowing what you do or don't do outdoors, we can better meet your needs. May I have a few minutes of your time?
_____ Yes (Go to 7) _____ No (Go to 6)
6. This is an opportunity for you to have a direct influence on how your tax money and the resources of Minnesota are used, especially since only a few households are being asked to participate. It is in your own self-interest and that of your family to answer these questions and we would sure like your input. You have been randomly selected from a list of telephone numbers. Unless you wish to identify yourself, confidentiality will be maintained. Now, may I ask you a few questions?
_____ Yes (Go to 7) _____ No (Terminate: "Thank you for your time.")
Why don't you want to participate? _____
- People 7. Beginning with the youngest, please give me the first name, age, and whether male or female of each member of your household currently living at home. (Use only those persons over 6 years of age for participation data and list from the youngest to the oldest.)
- Participation 8. I am going to read a number of recreation activities. If no members of your household OVER 6 YEARS OF AGE participated in that activity during the period of _____ through _____, please say none. If one of more members of your household have participated in that activity during that period, please give me their first names and after the name, tell me how many times they participated during the period of _____ through _____. For example, if I say picnicking and you have gone twice and _____ has gone three times in that period, say "myself twice and _____ three times." O.K.? Are you ready to begin?
_____ Yes (Read list and record) _____ No ("Let me repeat the instructions again.")

New list (appendix A)

9. Now that you have told me what the members of your household have done, I need to know where they did each activity and when it was done. I realize that this may be hard to remember, but it's very important if we are going to be able to give your household the opportunity to do the kinds of things you like to do. I'll read the first name of the person and the activity and you tell me, as best as you can, where that activity took place, what day of the week it was on, and the amount of time involved.

Person	Activity	Specifically Where	WE/WD	Time (Begin-Finish)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Satisfaction If a household member or respondent has visited any public recreation area in Minnesota during the defined time period (such as neighborhood park, city park, county park, state park, wildlife area, state forest, national forest), go to question 10. If not, go to question 17.

- most recent* 10. We are interested in how satisfied you were with your visit to _____. Were you: very satisfied (Go to 12), satisfied (Go to 12), dissatisfied (Go to 11), or very dissatisfied (Go to 11).

11. What caused your dissatisfaction? _____

12. What caused your satisfaction? _____

Education 13. Did you use any educational or informational displays or programs when you visited _____ (most recent visit to a public facility from question 9.).

_____ Yes (Go to 14) _____ No (Go to 16)

14. What kinds of programs or displays? _____
(Need list or categories: signs, interpretive trails, nature walks, slide talks, visitor centers/museums, motor tour, historic markers, etc.)

15. Did the programs ^{pamphlets} or displays add to the value of your activity?
_____ very much _____ somewhat _____ very little _____ no

Activity Shift 16. Have you, in the last two years, STOPPED participating in any outdoor recreation activity or activities?

_____ Yes (Which? _____) _____ No

17. Have you, in the last two years, BEGUN participating in any new outdoor recreation activity or activities?

_____ Yes (Which? _____) (Go to 18) _____ No (Go to 19)

18. How committed are you to continued participation in _____?
Very committed, committed, not very committed. (Repeat for each activity mentioned in question 17.)

Activity	Committment
_____	_____
_____	_____
_____	_____
_____	_____

19. Have you, in the last two years, shifted the amount of time you participated in any activities? For example, do you fish less now and golf more? If so, what percent more or less?

Activity	% of Increase (+)	% of Decrease (-)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Fishing (If respondent indicated "fishing" as an activity in question 9, go to 20. If not, go to 29.)

20. Let's talk about fishing for a minute. On your last fishing trip to _____, what form of transportation did you use to get from your resident to the fishing site?

21. To gain access to the water, ^{did you} ~~was it necessary to~~ cross private land?
_____ Yes (Go to 22) _____ No (Go to 23)

22. Did you get permission from the land owner?
_____ Yes _____ No

23. How many fishermen were in your party? _____
How many persons, in total, were in your party? _____

24. What type of fishing did you do? For example, did you: (Read those that apply to a given location.)

a. lake fish from a boat	_____ Yes	_____ No
b. lake fish from shore	_____ Yes	_____ No
c. stream fish from a boat	_____ Yes	_____ No
d. stream fish from shore	_____ Yes	_____ No
e. wade fish in a stream	_____ Yes	_____ No

25. What species of fish did you personally catch? (List all species mentioned and ask and record what numbers were kept and released.)

Species	# Kept	# Released
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

26. In total, approximately how much money did you personally spend on that trip AWAY FROM YOUR LOCAL COMMUNITY? _____

27. Approximately what percent of that total were spent in the following general categories?

_____ food	_____ fishing equipment, guides, boat
_____ lodging	_____ rentals, etc.
_____ transportation	_____ other retail

28. Have you, in the last two years, encountered any problems gaining access to fishing waters?

_____ Yes _____ No (go to 29)

What problems? _____

Hunting 29. Did any members of your household go hunting or trapping during the last year? ~~1975-1976~~ season?

_____ Yes (Go to 30) _____ No (Go to 45)

30. Please list the age, whether male or female, and the type of license for each hunter or trapper.

	Present Age	Age When First Hunted	Sex	License Type
Person #1	_____	_____	_____	_____
Person #2	_____	_____	_____	_____
Person #3	_____	_____	_____	_____
Person #4	_____	_____	_____	_____
Person #5	_____	_____	_____	_____

31. Approximately how many days during the past season did each person hunt or trap and what species and how many of each were taken?

	Type of Hunting	Total Days	Type (Species) Taken	Number
Person #1	_____	_____	_____	_____
Person #2	_____	_____	_____	_____
Person #3	_____	_____	_____	_____
Person #4	_____	_____	_____	_____
Person #5	_____	_____	_____	_____

Types of hunting include: big game deer and big game bear, small game - pheasants, sharptail grouse, ruffed grouse, hungarian partridge, other small game, water fowl, other hunting.

32. How many overnight hunting trips were taken and what was the total number of days ~~and total expenditures for each?~~

	# Trips	Total Days	Total Expenditures (most recent tri
Person #1	_____	_____	_____
Person #2	_____	_____	_____
Person #3	_____	_____	_____
Person #4	_____	_____	_____
Person #5	_____	_____	_____

33. Have you or any members of your household participated in a voluntary hunter training course?

_____ Yes _____ No

34. Would you or any members of your household participate in a voluntary trapper education program?
 _____ Yes _____ No
35. Do you or any members of your household have a Minnesota firearms safety certificate?
 _____ Yes (number of persons _____) _____ No
36. Have you or any members of your household hunted in states or provinces other than Minnesota this^{past} season?
 _____ Yes _____ No
 If yes, which? _____ Number of household members _____
37. Do you or any members of your household own hunting dogs?
 _____ Yes _____ No (Go to 39)
 If yes: type _____ number _____

38. Would you like to see public places to train dogs developed?
 _____ Yes _____ No
 If yes, how close to home? _____ miles
 If yes, how often would you use it and in which months?
 month _____ number of times _____
39. Are you or any members of your household members of any sportsmen and conservation clubs or organizations?
 _____ Yes _____ No
 organization/club name # of household members

40. Should written permission be required for hunting access to private land?
 _____ Yes _____ No
41. Would you be willing to pay a fee for access to private lands?
 _____ Yes _____ No
42. Have any members of your household participated in a muzzle loader hunt?
 _____ Yes (Go to 43) _____ No (Go to 45)
43. Is a December or September muzzle loader season preferable? (Circle one.)
44. How far did you/they travel to participate in a muzzle loader hunt? _____

Feelings The following questions deal with your impressions about outdoor recreation facilities.

45. Do you feel you are adequately supplied with outdoor recreation facilities
 _____ Yes (Go to 47) _____ No (Go to 46)

46. What types of facilities are you and your household lacking?

- | | |
|----|-----|
| 1. | 8. |
| 2. | 9. |
| 3. | 10. |
| 4. | 11. |
| 5. | 12. |
| 6. | 13. |
| 7. | 14. |

47. Do you have any major complaints about the job the Department of Natural Resources is doing in providing for your household's outdoor recreation needs?

_____ Yes (Go to 48) _____ No (Go to 49)

48. What are those complaints? _____

Equipment 49. I will read a list of recreation vehicles or watercraft. Please tell me which type and how many are owned by your immediate household.

_____ snowmobile	_____ camp trailer
_____ bicycle	_____ motorhome
_____ trailbike	_____ speed boat
_____ sailboat	_____ pontoon boat
_____ fishing boat	_____ fourwheel drive vehicle
_____ camper <i>pickup</i>	_____ ice boat
_____ <i>canoe</i>	_____ <i>canoe</i>

In order to classify our responses, I need answers to the following questions.

50. Do you live in an incorporated community?

_____ Yes (Which? _____) (Go to 52) _____ No (Go to 51)

51. In which county do you live? _____

52. How long have you lived in this county? _____

53. How long have you lived in Minnesota? _____

54. Are you married? _____ Single? _____

55. What is your highest grade or year of education completed?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

56. (If applicable) Your spouse's?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

57. What is your occupation? _____

58. (If applicable) Your spouse's? _____

59. I am going to read some income categories. When I come to the one that includes your total annual family income, stop me.

☐ Under \$5,000
☐ \$5,000-\$9,999
☐ \$10,000-\$14,999
☐ \$15,000-\$19,999
☐ \$20,000-\$24,999
☐ \$25,000-\$29,999
☐ Over \$30,000

Thank you very much for your help. If you would like a copy of the information we get from this survey, give me your full name and address and I'll send one to you. It will be a while before this is printed, but you'll be the first to get one.

Thanks again.

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
☐ Yes, how? _____
☐ No
3. Did the respondent volunteer additional information?
☐ Yes. Generally what type? _____
☐ No
4. Which questions caused problems?

Question	Problem
_____	_____
_____	_____
_____	_____
_____	_____
5. Any other problems or comments? _____

PSF

MINNESOTA OUTDOOR RECREATION PRETEST QUESTIONNAIRE #5

1. Hello, my name is _____. I am calling from the Minnesota Department of Natural Resources. Am I speaking with the male or female head of the household?

_____ Yes (Go to 5) _____ No (Go to 2)

2. Is the head of the household there?

_____ Yes (Go to 4) _____ No (Go to 3)

3. When might I be able to reach the head of the household? (Record the information in return call space and terminate call.)

4. May I speak with the head of the household?

_____ Yes (Go to 1) _____ No (Go to 3)

5. To aid the Department in its planning, we are asking Minnesota residents to tell us about their household's outdoor recreation activities. By knowing what you do or don't do outdoors, we can better meet your needs. May I have a few minutes of your time?

_____ Yes (Go to 7) _____ No (Go to 6)

6. This is an opportunity for you to have a direct influence on how your tax money and the resources of Minnesota are used, especially since only a few households are being asked to participate. It is in your own self-interest and that of your family to answer these questions and we would sure like your input. You have been randomly selected from a list of telephone numbers. Unless you wish to identify yourself, confidentiality will be maintained. Now, may I ask you a few questions?

_____ Yes (Go to 7) _____ No (Terminate: "Thank you for your time.")

Why don't you want to participate? _____

- People 7. Beginning with the youngest, please give me the first name, age, and whether male or female of each member of your household currently living at home. (Use only those persons over 6 years of age for participation data and list from the youngest to the oldest.)

- Participation 8. I am going to read a number of recreation activities. If no members of your household OVER 6 YEARS OF AGE participated in that activity during the period of _____ through _____, please say no. If anyone in the household participated, say yes.

New list (appendix A)

9. Now that you have told me what the members of your household have done, I need to know who, where, and when it was done. (I realize that this may be hard to remember, but it's very important if we are going to be able to give your household the opportunity to do the kinds of things you like to do.) Let's run through one and I'll help you out as we go.

Person	Activity	Specifically Where	WE/WD	Time (Begin-Finish)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Satisfaction If a household member or respondent has visited any public recreation area in Minnesota during the defined time period (such as a neighborhood park, city park, county park, state park, wildlife area, state forest, national forest), go to question 10. If not, go to question 17.

10. We are interested in how satisfied you were with your visit to _____.
Were you: very satisfied (Go to 12), satisfied (Go to 12), dissatisfied (Go to 11), or very dissatisfied (Go to 11).

11. What caused your dissatisfaction? _____

12. What caused your satisfaction? _____

13. Were there any educational or information displays or programs when you visited _____ (most recent visit to a public facility from question 9).
_____ Yes (Go to 14) _____ No (Go to 16) _____ Don't know (Go to 13a)

13a. Did you use it?

_____ Yes _____ No (Go to 16)

14. What kinds of programs or displays? _____
(Need list or categories: signs, interpretive trails, nature walks, slide talks, visitor centers/museums, motor tour, historic markers, etc.)

15. Did the program or displays add to the value of your activity?
_____ very much _____ somewhat _____ very little _____ no

Activity Shift 16. Have you, in the last two years, STOPPED participating in any outdoor recreation activity or activities?
_____ Yes (Which? _____) _____ No

17. Have you, in the last two years, BEGUN participating in any new outdoor recreation activity or activities?
_____ Yes (Which? _____) (Go to 18) _____ No (Go to 19)

18. How committed are you to continued participation in _____?
Very committed, committed, not very committed. (Repeat for each activity mentioned in question 17.)

Activity	Committment
_____	_____
_____	_____
_____	_____
_____	_____

19. Have you, in the last two years, changed the amount of time you participate in any activities?

Activity	Less than 1/4-	1/4	1/2	2	3	+ more than 3 times

- 19a. How much have you changed _____, 1/2 as much, twice as much?

Fishing (If respondent indicated "fishing" as an activity in question 9, go to 20. If not, go to 29.)

20. Let's talk about fishing for a minute. On your last fishing trip to _____ what form of transportation did you use to get from your residence to the fishing site?

21. To gain access to the water, was it necessary to cross private land?
_____ Yes (Go to 22) _____ No (go to 23)

22. Did you get permission from the land owner?
_____ Yes _____ No

23. How many fishermen were in your party? _____
How many persons, in total, were in your party? _____

24. What type of fishing did you do? For example, did you: (Read those that apply to a given location.)

a. lake fish from a boat	_____ Yes	_____ No
b. lake fish from shore	_____ Yes	_____ No
c. stream fish from a boat	_____ Yes	_____ No
d. stream fish from shore	_____ Yes	_____ No
e. wade fish in a stream	_____ Yes	_____ No

25. What species of fish did you personally catch? (List all species mentioned and ask and record what numbers were kept and released.)

Species	# Kept	# Released
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

26. In total, approximately how much money did you personally spend on that trip AWAY FROM YOUR LOCAL COMMUNITY? _____

27. Approximately what percent of that total was spent in the following categories?

_____ food	_____ fishing equipment, guides, boat
_____ lodging	_____ rentals, etc.
_____ transportation	_____ other retail

28. Have you, in the last two years, encountered any problems gaining access to fishing waters?

_____ Yes _____ No (Go to 29)
What problems? _____

Hunting 29. Did any members of your household go hunting or trapping during the last year?

_____ Yes (Go to 30) _____ No (Go to 31)

30. We would like the hunter(s)/trapper(s) in your household to participate in a hunting/trapping survey which would be mailed to your residence. Would you give me their name(s) and address?

Name _____
Address _____

Feelings The following questions deal with your impressions about outdoor recreation facilities.

31. Do you feel you are adequately supplied with outdoor recreation facilities
_____ Yes (Go to 33) _____ No (Go to 32)

32. What types of facilities are you and your household lacking?

- | | |
|----|-----|
| 1. | 8. |
| 2. | 9. |
| 3. | 10. |
| 4. | 11. |
| 5. | 12. |
| 6. | 13. |
| 7. | 14. |

32a. Are you familiar with the ^{MIWN} Dept. of Natural Resources? _____ Yes _____ NO (Go to 33)

33. Do you have any major complaints about the job the Department of Natural Resources is doing in providing for your household's outdoor recreation needs?

_____ Yes (Go to 34) _____ No (Go to 35)

34. What are those complaints? _____

Equipment 35. I will read a list of recreation items. Please tell me which type and how many are owned by your immediated household.

- | | |
|--|-------------------------------|
| _____ snowmobile | _____ vacation home |
| _____ bicycle | _____ ice fishing hut |
| _____ trailbike | _____ speed boat |
| _____ fishing boat | _____ pontoon boat |
| <i>sail boat</i> _____ fishing boat | _____ fourwheel drive vehicle |
| _____ camping vehicle | _____ ice boat |
| _____ canoe | _____ other |

In order to classify our responses, I need answers to the following question:

36. Do you live in an urban or rural area?
 ___ Urban (Which? ___) ___ Rural
37. In which county do you live? _____
38. How long have you lived in this county? _____
39. How long have you lived in Minnesota? _____
40. Are you married? _____ Single? _____
41. What is your highest grade or year of education completed?
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+
42. (If applicable) Your spouse's?
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+
43. What is your occupation? _____
44. (If applicable) Your spouse's? _____
45. I am going to read some ^{general} income categories. When I come to the one that includes your total annual family income, stop me.
 ___ Under \$5,000
 ___ \$5,000-\$9,999
 ___ \$10,000-\$14,999
 ___ \$15,000-\$19,999
 ___ \$20,000-\$24,999
 ___ \$25,000-\$29,999
 ___ Over \$30,000

Thank you very much for your help. If you would like a copy of the information we get from this survey, give me your full name and address and I'll send one to you. It will be a while before this is printed, but you'll be the first to get one.

Thanks again.

Interviewers:

1. Was the respondents male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
 ___ Yes, how? _____
 ___ No _____

3. Did the respondent volunteer additional information?

_____ Yes. Generally what type? _____

_____ No

4. Which questions caused problems?

Question	Problem
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

5. Any other problems or comments? _____

PF (NOT TESTED)

MINNESOTA OUTDOOR RECREATION PRETEST QUESTIONNAIRE #5

1. Hello, my name is _____. I am calling from the Minnesota Department of Natural Resources. Am I speaking with the male or female head of the household?
_____ Yes (Go to 5) _____ No (Go to 2)
2. Is the head of the household there?
_____ Yes (Go to 4) _____ No (Go to 5)
3. When might I be able to reach the head of the household? (Record the information in return call space and terminate call.)

4. May I speak with the head of the household?
_____ Yes (Go to 1) _____ No (Go to 3)
5. To aid the Department in its planning, we are asking Minnesota residents to tell us about thier household's outdoor recreation activities. By knowing what you do or don't do outdoors, we can better meet your needs. May I have a few minutes of your time?
_____ Yes (Go to 7) _____ No (Go to 6)
6. This is an opportunity for you to have a direct influence on how your tax money and the resources of Minnesota are used, especially since only a few households are being asked to participate. It is in your own self-interest and that of your family to answer these questions and we would sure like your input. You have been randomly selected from a list of telephone numbers. Unless you wish to identify yourself, confidentiality will be maintained. Now, may I ask you a few questions?
_____ Yes (Go to 7) _____ No (Terminate:"Thank you for your time.")

People 7. Beginning with the youngest, please give me the first name, age, and whether male or female of each member of your household currently living at home. (Use only those persons over 6 years of age for participation data and list from the youngest to the oldest.)

Participation 8. I am going to read a number of recreation activities. If no members of your household OVER 6 YEARS OF AGE participated in that activity during the period of _____ through _____, please say none. If one or more members of the household have participated in the activity during that period, please give me their first names and after the name, tell me how many times they participated during the period of _____ through _____. For example, if I say picnicking and you have gone twice and _____ has gone three times in the period, say "myself twice and _____ three times." O.K.? Are you ready to begin?
_____ Yes (Read list and record) _____ No ("Let me repeat the instructions again.")

New list (appendix A)

9. Now that you have told me what the members of your household have done, I need to know where they did each activity and when it was done. I realize that this may be hard to remember, but it's very important if we are going to be able to give your household the opportunity to do the kinds of things you like to do. I'll read the first name of the person and the activity and you tell me, as best as you can, where that activity took place, what day of the week it was on, and the amount of time involved.

Person	Activity	Specifically Where	WE/WD	Time (Begin-Finish)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

- Educational 10. Did you/they use any educational or informational displays or programs when you/they visited _____ (most recent visit to a public facility from question 9).
 _____ Yes (Go to 11) _____ No (Go to 13)

11. What kinds or programs or displays? _____
 (Need list or categories: signs, interpretive trails, nature walks, slide talks, visitor centers/museums, motor tour, historic markers, etc.)

12. Did the programs or displays add to the value of your activity?
 _____ very much _____ somewhat _____ very little _____ no

- Activity Shift 13. Have you, in the last two years, STOPPED participating in any outdoor recreation activity or activities?
 _____ Yes (Which? _____) _____ No

14. Have you, in the last two years, BEGUN participating in any new outdoor recreation activity or activities?
 _____ Yes (Which? _____) (Go to 15) _____ No (Go to 16)

15. How committed are you to continued participation in _____?
 Very committed, committed, not very committed. (Repeat for each activity mentioned in question 14.)

Activity	Committment
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

16. Have you, in the last two years, shifted the amount of time you participate in any activities? For example, do you fish less now and golf more? If so, what percent more or less?

Activity	% of Increase (+)	% of Decrease (-)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Fishing (If respondent indicated "fishing" as an activity in question 9, go to 17. If no, go to 26.)

17. Let's talk about fishing for a minute. On your last fishing trip to _____, what form of transportation did you use to get from your residence to the fishing site?
- _____

18. To gain access to the water, was it necessary to cross private land?
 _____ Yes (Go to 19) _____ No (Go to 20)

19. Did you get permission from the land owner?
 _____ Yes _____ No

10. How many fishermen were in your party? _____
 How many persons, in total, were in your party? _____

21. What type of fishing did you do? For example, did you: (Read those that apply to a given location.)

a. lake fish from a boat	_____ Yes	_____ No
b. lake fish from shore	_____ Yes	_____ No
c. stream fish from a boat	_____ Yes	_____ No
d. stream fish from shore	_____ Yes	_____ No
e. wade fish in a stream	_____ Yes	_____ No

22. What species of fish did you personally catch? (List all species mentioned and ask and record what numbers were kept and released.)

Species	# Kept	# Released
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

23. In total, approximately how much money did you personally spend on that trip AWAY FROM YOUR LOCAL COMMUNITY? _____

24. Approximately what percent of that total were spent in the following general categories?

_____ food	_____ fishing equipment, guides, boat
_____ lodging	_____ rentals, etc.
_____ transportation	_____ other retail

25. Have you, in the last two years, encountered any problems gaining access to fishing waters?

Yes

No. (Co to 26)

What problems?

- Hunting 26. Did any members of your household go hunting or trapping during the 1975-1976 season?

Yes (Go to 27)

No (Go to 28)

27. We would like the hunter(s)/trapper(s) in your household to participate in a hunting/trapping survey which would be mailed to your residence. Would you give me their name(s) and address?

Name

Address

- Equipment 28. I will read a list of recreation vehicles or watercraft. Please tell me which type and how many are owned by your immediate household.

snowmobile

camp trailer

 bicycle

motorhome

trailbike

 speed boat

sailboat

pontoon boat

 fishing boat

fourwheel drive vehicle

camper

ice boat

In order to classify our responses, I need answers to the following questions.

29. Do you live in an incorporated community?

Yes (Which?) (Go to 31) No (Go to 30)

No (Go to 30)

30. In which county do you live?

31. How long have you lived in your county?

32. How long have you lived in Minnesota?

33. Are you married? Single?

34. What is your highest grade or year of education completed?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

35. (If applicable) Your spouse's?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

36. What is your occupation?

37. (If applicable) Your spouse's?

38. I am going to read some income categories. When I come to the one that includes your total annual family income, stop me.

☐ Under \$5,000
☐ \$5,000-\$9,999
☐ \$10,000-\$14,999
☐ \$15,000-\$19,999
☐ \$20,000-\$24,999
☐ \$25,000-\$29,999
☐ Over \$30,000

Thank you very much for your help. If you would like a copy of the information we get from this survey, give me your full name and address and I'll send one to you. It will be a while before this is printed, but you'll be the first to get one.

Thanks again.

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
☐ Yes How? _____
☐ No
3. Did the respondent volunteer additional information?
☐ Yes Generally what type? _____
☐ No
4. Which questions caused problems?

Question	Problem
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
5. Any other problems or comments? _____

PS

MINNESOTA OUTDOOR RECREATION PRETEST QUESTIONNAIRE #5

1. Hello, my name is _____. I am calling from the Minnesota Department of Natural Resources. Am I speaking with the male or female head of the household?
_____ Yes (Go to 5) _____ No (Go to 2)
2. Is the head of the household there?
_____ Yes (Go to 4) _____ No (Go to 3)
3. When might I be able to reach the head of the household? (Record the information in return call space and terminate call.)

4. May I speak with the head of the household?
_____ Yes (Go to 1) _____ No (Go to 3)
5. To aid the Department in its planning, we are asking Minnesota residents to tell us about their household's outdoor recreation activities. By knowing what you do or don't do outdoors we can better meet your needs. May I have a few minutes of your time?
_____ Yes (Go to 7) _____ No (Go to 6)
6. This is an opportunity for you to have a direct influence on how your tax money and the resources of Minnesota are used, especially since only a few household are being asked to participate. It is in your own self-interest and that of your family to answer these questions and we would sure like your input. You have been randomly selected from a list of telephone numbers. Unless you wish to identify yourself, confidentiality will be maintained. Now, may I ask you a few questions?
_____ Yes (Go to 7) _____ No (Terminate: "Thank you for your time.")
Why don't you want to participate? _____

People 7. Beginning with the youngest, please give me the first name, age, and whether male or female of each member of your household currently living at home. (Use only those persons over 6 years of age for participation data and list from the youngest to the oldest.)

Participation 8. I am going to read a number of recreation activities. If no members of your household OVER 6 YEARS OF AGE participated in that activity during the period of _____ through _____, please say no. If anyone in the household participated, say yes.

9. Now that you have told me what the members of your household have done, I need to know who, where, and when it was done. (I realize that this may be hard to remember, but it's very important if we are going to be able to give your household the opportunity to do the kinds of things you like to do.) Let's run through one and I'll help you out as we go. 35

Person	Activity	Specifically Where	WE/WD	Time (Begin-Finish)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

atisfaction If a household member or respondent has visited any public recreation area in Minnesota during the defined time period (such as neighborhood park, city park, county park, state park, wildlife area, state forest, national forest), go to question 10. If not, go to question 17.

10. We are interested in how satisfied you were with your visit to _____. Were you: very satisfied (Go to 12), satisfied (Go to 12), dissatisfied (Go to 11), or very dissatisfied (Go to 11).

11. What caused your dissatisfaction? _____

12. What caused your satisfaction? _____

Education 13. Were there any educational or information displays or programs when you visited _____ (most recent visit to a public facility from question 9).
 _____ Yes (Go to 14) _____ No (Go to 16) _____ Don't know (Go to 16)

13a. Did you use it?

_____ Yes _____ No (Go to 16)

14. What kinds of programs or displays? _____
 (Need list or categories: signs, interpretive trails, nature walks, slide talks, visitor centers/museums, motor tour, historic markers, etc.)

15. Did the programs or displays add to the value of your activity?
 _____ very much _____ somewhat _____ very little _____ no

Activity Shift 16. Have you, in the last two years, STOPPED participating in any outdoor recreation activity or activities?
 _____ Yes (Which? _____) _____ No

17. Have you, in the last two years, BEGUN participating in any new outdoor recreation activity or activities?
 _____ Yes (Which? _____) (Go to 18) _____ No (Go to 19)

18. How committed are you to continued participation in _____?
Very committed, committed, not very committed. (Repeat for each activity mentioned in question 17.)

Activity	Committment
_____	_____
_____	_____
_____	_____
_____	_____

19. Have you in the last two years changed your participation in any activities?

_____ Yes _____ No (Go to 20)

What activities? _____

- 19a. If so, how many times did you do it two years ago? _____ how many times did you do it last year? _____

- Hunting 20. Did any members of your household go fishing, hunting, or trapping during the last year?

Fishing _____ Yes (Go to 21) _____ No (Go to 22)

If yes, which? _____

21. We would like the sportsmen in your household to participate in a hunting or fishing survey which would be mailed to uour residence. Would you give me their name(s) and address?

Name _____

Address _____

Feelings The following questions deal with your impressions about outdoor recreation facilities.

22. Do you feel you are adequately supplied with outdoor recreation facilities?
_____ Yes (Go to 24) _____ No (Go to 23)

23. What types of facilities are you and ^{members} ~~your~~ household lacking?

1.	8.
2.	9.
3.	10.
4.	11.
5.	12.
6.	13.
7.	14.

- 23a. Are you familiar with the ^{Mem} Dept. of Natural Resources? _____ Yes _____ NO (Go to 26)

24. Do you have any major complaints about the job the Department of Natural Resources is doing in providing for your household's outdoor recreation needs?

_____ Yes (Go to 34) _____ No (Go to 35)

25. What are those complaints? _____

Equipment **26** I will read a list of recreation items. Please tell me which type and how many are owned by your immediated household.

<input type="checkbox"/> snowmobile	<input type="checkbox"/> vacation home
<input type="checkbox"/> bicycle	<input type="checkbox"/> ice fishing hut
<input type="checkbox"/> trailbike	<input type="checkbox"/> speed boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> pontoon boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> fourwheel drive vehicle
<input type="checkbox"/> camping vehicle	<input type="checkbox"/> ice boat
<input type="checkbox"/> canoe	

In order to classify our responses, I need answers to the following questions.

- 27.** Do you live in an urban or rural area?
☐ Urban (Which? ☐) ☐ Rural
- 28.** In which county do you live? _____
- 29.** How long have you lived in this county? _____
- 30.** How long have you lived in Minnesota? _____
- 31.** Are you married? ☐ Single? ☐
- 32.** What is your highest grade of year of education completed?
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+
- 33.** (If applicable) Your spouse's?
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+
- 34.** What is your occupation? _____
- 35.** (If applicable) Your spouse's? _____
- 36.** I am going to read some income categories. When I come to the one that includes your total annual family income, stop me.
- | |
|--|
| <input type="checkbox"/> Under \$5,000 |
| <input type="checkbox"/> \$5,000-\$9,999 |
| <input type="checkbox"/> \$10,000-\$14,999 |
| <input type="checkbox"/> \$15,999-\$19,999 |
| <input type="checkbox"/> \$20,000-\$24,999 |
| <input type="checkbox"/> \$25,000-\$29,999 |
| <input type="checkbox"/> Over \$30,000 |

Thank you very much for your help. If you would like a copy of the information we get from this survey, give me your full name and address and I'll send one to you. It will be a while before this is printed, but you'll be the first to get one.

Thanks again.

P

MINNESOTA OUTDOOR RECREATION PRETEST QUESTIONNAIRE #5

1. Hello, my name is _____. I am calling from the Minnesota Department of Natural Resources. Am I speaking with the male or female head of the household?

_____ Yes (Go to 5) _____ No (Go to 2)

2. Is the head of the household there?

_____ Yes (Go to 4) _____ No (Go to 3)

3. When might I be able to reach the head of the household? (Record the information in return call space and terminate call.)

4. May I speak with the head of the household?

_____ Yes (Go to 1) _____ No (Go to 3)

5. To aid the Department in its planning, we are asking Minnesota residents to tell us about their household's outdoor recreation activities. By knowing what you do or don't do outdoors we can better meet your needs. May I have a few minutes of your time?

_____ Yes (Go to 7) _____ No (Go to 6)

6. This is an opportunity for you to have a direct influence on how your tax money and the resources of Minnesota are used, especially since only a few households are being asked to participate. It is in your own self-interest and that of your family to answer these questions and we would sure like your input. You have been randomly selected from a list of telephone numbers. Unless you wish to identify yourself, confidentiality will be maintained. Now, may I ask you a few questions?

_____ Yes (Go to 7) _____ No (Terminate: "Thank you for your time.")

Why don't you want to participate? _____

- People 7. Beginning with the youngest, please give me the first name, age, and whether male or female of each member of your household currently living at home. (Use only those persons over 6 years of age for participation data and list from the youngest to the oldest.)

- Participation 8. I am going to read a number of recreation activities. If no members of your household OVER 6 YEARS OF AGE participated in that activity during the period of _____ through _____, please say no. If anyone in the household participated, say yes.

New list (appendix A)

9. Now that you have told me what the members of your household have done, I need to know who, where, and when it was done. (I realize that this may be hard to remember, but it's very important if we are going to be able to give your household the opportunity to do the kinds of things you like to do.) Let's run through one and I'll help you out as we go.

Person	Activity	Specifically Where	WE/WD	Time (Begin-Finish)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Activity
Shift

10. Have you, in the last two years, STOPPED participating in any outdoor recreation activity or activities?

_____ Yes (Which? _____)

_____ No

11. Have you, in the last two years, BEGUN participating in any new outdoor recreation activity or activities?

_____ Yes (Which? _____) (Go to 12)

_____ No (Go to 13)

12. How committed are you to continued participation in _____?
Very committed, committed, not very committed. (Repeat for each activity mentioned in 11.)

Activity	Committment
_____	_____
_____	_____
_____	_____
_____	_____

13. Have you in the last two years changed your participation in any activities?

_____ Yes

_____ No (Go to 20)

What activities? _____

- 13a. If so, how many times did you do it two years ago? _____ how many times did you do it last year? _____

Hunting
Fishing

14. Did any members of your household go fishing, hunting, or trapping during the last year?

_____ Yes

_____ No (Go to 15)

If yes, which? _____ (Go to 15)

15. We would like the sportsmen~~2~~ in your household to participate in a hunting or fishing survey which would be mailed to your residence. Would you give me their name(s) and address(es)?

Name _____

Address _____

Equipment 15. I will read a list of recreation items. Please tell me which type and how many are owned by your immediated household.

_____ snowmobile	_____ vacation home
_____ bicycle	_____ ice fishing hut
_____ trailbike	_____ speed boat
_____ fishing boat	_____ pontoon boat
_____ sail boat	_____ fourwheel drive vehicle
_____ camping vehicle	_____ ice boat
_____ canoe	_____ other _____
_____ <u>Tent</u>	

In order to classify our responses, I need answers to the following questions.

- 17 36. Do you live in an urban or rural area?

_____ Urban (Which? _____)

_____ Rural

- 18 37. In which county do you live? _____

19. How long have you lived in this county? _____

20. How long have you lived in Minnesota? _____

21. Are you married? _____ Single? _____

22. What is your highest grade or year of education completed?
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

23. (If applicable) Your spouse's?
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

24. What is your occupation? _____

25. (If applicable) Your spouse's? _____

26. I am going to read some income categories. When I come to the one that includes your total annual family income, stop me.

_____ Under \$5,000
 _____ \$5,000-\$9,999
 _____ \$10,000-\$14,999
 _____ \$15,000-\$19,999
 _____ \$20,000-\$24,999
 _____ \$25,000-\$29,999
 _____ Over \$30,000

Thank you very much for your help. If you would like a copy of the information we get from this survey, give me your full name and address and I'll send one to you. It will be a while before this is printed, but you'll be the first to get one.

Thanks again.

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
☐ Yes How? _____
☐ No _____
3. Did the respondent volunteer additional information?
☐ Yes Generally what type? _____
☐ No _____
4. Which questions caused problems?

Question	Problem
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
5. Any other problems or comments? _____

P₁

MINNESOTA OUTDOOR RECREATION PRETEST QUESTIONNAIRE #5

1. Hello, my name is _____. I am calling from the Minnesota Department of Natural Resources. Am I speaking with the male or female head of the household?

_____ Yes (Go to 5) _____ No (Go to 2)

2. Is the head of the household there?

_____ Yes (Go to 4) _____ No (Go to 3)

3. When might I be able to reach the head of the household? (Record the information in return call space and terminate call.)

4. May I speak with the head of the household?

_____ Yes (Go to 1) _____ No (Go to 3)

5. To aid the Department in its planning, we are asking Minnesota residents to tell us about their household's outdoor recreation activities. By knowing what you do or don't do outdoors we can better meet your needs. May I have a few minutes of your time?

_____ Yes (Go to 7) _____ No (Go to 6)

6. This is an opportunity for you to have a direct influence on how your tax money and the resources of Minnesota are used, especially since only a few households are being asked to participate. It is in your own self-interest and that of your family to answer these questions and we would sure like your input. You have been randomly selected from a list of telephone numbers. Unless you wish to identify yourself, confidentiality will be maintained. Now, may I ask you a few questions?

_____ Yes (Go to 7) _____ No (Terminate: "Thank you for your time.")

Why don't you want to participate? _____

- People 7. Beginning with the youngest, please give me the first name, age, and whether male or female of each member of your household currently living at home. (Use only those persons over 6 years of age for participation data and list from the youngest to the oldest.)

- Participation 8. I am going to read a number of recreation activities. If no members of your household OVER 6 YEARS OF AGE participated in that activity during the period of _____ through _____, please say no. If anyone in the household participated, say yes.

New list (appendix A)

9. Now that you have told me what the members of your household have done, I need to know who, where, and when it was done. (I realize that this may be hard to remember, but it's very important if we are going to be able to give your household the opportunity to do the kinds of things you like to do.) Let's run through one and I'll help you out as we go.

Person	Activity	Specifically Where	WE/WD	Time (Begin-Finish)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Activity
Shift

10. Have you, in the last two years, STOPPED participating in any outdoor recreation activity or activities?

_____ Yes (Which? _____) _____ No

11. Have you, in the last two years, BEGUN participating in any new outdoor recreation activity or activities?

_____ Yes (Which? _____) (Go to 12) _____ No (Go to 13)

12. How committed are you to continued participation in _____?
Very committed, committed, not very committed. (Repeat for each activity mentioned in 11.)

Activity	Committment
_____	_____
_____	_____
_____	_____
_____	_____

13. Have you in the last two years changed your participation in any activities?

_____ Yes _____ No (Go to 20)

What activities? _____

- 13a. If so, how many times did you do it two years ago? _____ how many times did you do it last year? _____

- Hunting 14. Did any members of your household go fishing, hunting, or trapping during
Fishing the last year?

_____ Yes _____ No (Go to 16)
If yes, which? _____ (Go to 15)

15. We would like the sportsmen in your household to participate in a hunting or fishing survey which would be mailed to your residence. Would you give me their name(s) and address(es)?

Name _____

Address _____

Equipment 16. I will read a list of recreation items. Please tell me which type and how many are owned by your immediate household.

_____ snowmobile	_____ vacation home
_____ bicycle	_____ ice fishing hut
_____ trailbike	_____ speed boat
_____ fishing boat	_____ pontoon boat
_____ fishing sail boat	_____ fourwheel drive vehicle
_____ camping vehicle	_____ ice boat
_____ canoe	_____ other

In order to classify our responses, I need answers to the following questions.

- 17 36. Do you live in an urban or rural area?

_____ Urban (Which? _____)

_____ Rural

- 18 37. In which county do you live? _____

19. How long have you lived in this county? _____

20. How long have you lived in Minnesota? _____

21. Are you married? _____ Single? _____

22. What is your highest grade or year of education completed?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

23. (If applicable) Your spouse's?

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

24. What is your occupation? _____

25. (If applicable) Your spouse's? _____

26. I am going to read some income categories. When I come to the one that includes your total annual family income, stop me.

_____ Under \$5,000
 _____ \$5,000-\$9,999
 _____ \$10,000-\$14,999
 _____ \$15,000-\$19,999
 _____ \$20,000-\$24,999
 _____ \$25,000-\$29,999
 _____ Over \$30,000

Thank you very much for your help. If you would like a copy of the information we get from this survey, give me your full name and address and I'll send one to you. It will be a while before this is printed, but you'll be the first to get one.

Thanks again.

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
_____ Yes How? _____
_____ No
3. Did the respondent volunteer additional information?
_____ Yes Generally what type? _____
_____ No
4. Which questions caused problems?

Question	Problem
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
5. Any other problems or comments? _____

P₁cal (categorized Activity List)

MINNESOTA OUTDOOR RECREATION PRETEST QUESTIONNAIRE #5

1. Hello, my name is _____. I am calling from the Minnesota Department of Natural Resources. Am I speaking with the male or female head of the household?

_____ Yes (Go to 5) _____ No (Go to 2)

2. Is the head of the household there?

_____ Yes (Go to 4) _____ No (Go to 3)

3. When might I be able to reach the head of the household? (Record the information in return call space and terminate call.)
- _____
- _____

4. May I speak with the head of the household?

_____ Yes (Go to 1) _____ No (Go to 3)

5. To aid the Department in its planning, we are asking Minnesota residents to tell us about their household's outdoor recreation activities. By knowing what you do or don't do outdoors we can better meet your needs. May I have a few minutes of your time?

_____ Yes (Go to 7) _____ No (Go to 6)

6. This is an opportunity for you to have a direct influence on how your tax money and the resources of Minnesota are used, especially since only a few households are being asked to participate. It is in your own self-interest and that of your family to answer these questions and we would sure like your input. You have been randomly selected from a list of telephone numbers. Unless you wish to identify yourself, confidentiality will be maintained. Now, may I ask you a few questions?

_____ Yes (Go to 7) _____ No (Terminate: "Thank you for your time.")

Why don't you want to participate? _____

- People 7. Beginning with the youngest, please give me the first name, age, and whether male or female of each member of your household currently living at home. (Use only those persons over 6 years of age for participation data and list from the youngest to the oldest.)
- _____

- Participation 8. I am going to read some general recreation categories to you. If a member of your household has participated in an activity you think falls into one of the categories, please tell me what the activity is.

(Record all activities mentioned. Collect details, however, on only those activities listed.)

New list (appendix A)

9. Now that you have told me what the members of your household have done, I need to know who, where, and when it was done. (I realize that this may be hard to remember, but it's very important if we are going to be able to give your household the opportunity to do the kinds of things you like to do.) Let's run through one and I'll help you out as we go.

Person	Activity	Specifically Where	WE/WD	Time (Begin-Finish)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Activity
Shift

10. Have you, in the last two years, STOPPED participating in any outdoor recreation activity or activities?

_____ Yes (Which? _____) _____ No

11. Have you, in the last two years, BEGUN participating in any new outdoor recreation activity or activities?

_____ Yes (Which? _____) (Go to 12) _____ No (Go to 13)

12. How committed are you to continued participation in _____?
Very committed, committed, not very committed. (Repeat for each activity mentioned in 11.)

Activity	Committment
_____	_____
_____	_____
_____	_____
_____	_____

13. Have you in the last two years changed your participation in any activities?

_____ Yes _____ No (Go to 20)

What activities? _____

- 13a. If so, how many times did you do it two years ago? _____ how many times did you do it last year? _____

Hunting
Fishing

14. Did any members of your household go fishing, hunting, or trapping during the last year?

_____ Yes _____ No (Go to 16)
If yes, which? _____ (Go to 15)

15. We would like the sportsmen in your household to participate in a hunting or fishing survey which would be mailed to your residence. Would you give me their name(s) and address(es)?

Name _____

Address _____

Equipment ~~16~~ I will read a list of recreation items. Please tell me which type and how many are owned by your immediated household.

_____ snowmobile	_____ vacation home
_____ bicycle	_____ ice fishing hut
_____ trailbike	_____ speed boat
_____ fishing boat	_____ pontoon boat
_____ fishing ^{sail} boat	_____ fourwheel drive vehicle
_____ camping vehicle	_____ ice boat
_____ canoe	_____ <u>other</u>
_____ <u>tent</u>	

In order to classify our responses, I need answers to the following questions.

~~17~~ 20. Do you live in an urban or rural area?
 _____ Urban (Which? _____) _____ Rural

~~18~~ 21. In which county do you live? _____

19. How long have you lived in this county? _____

20. How long have you lived in Minnesota? _____

21. Are you married? _____ Single? _____

22. What is your highest grade or year of education completed?
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

23. (If applicable) Your spouse's?
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

24. What is your occupation? _____

25. (If applicable) Your spouse's? _____

26. I am going to read some income categories. When I come to the one that includes your total annual family income, stop me.

_____ Under \$5,000
 _____ \$5,000-\$9,999
 _____ \$10,000-\$14,999
 _____ \$15,000-\$19,999
 _____ \$20,000-\$24,999
 _____ \$25,000-\$29,999
 _____ Over \$30,000

Thank you very much for your help. If you would like a copy of the information we get from this survey, give me your full name and address and I'll send one to you. It will be a while before this is printed, but you'll be the first to get one.

Thanks again.

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
_____ Yes How? _____
_____ No
3. Did the respondent volunteer additional information?
_____ Yes Generally what type? _____
_____ No
4. Which questions caused problems?

Question	Problem
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
5. Any other problems or comments? _____

- SHOOTING SPORTS

Hunting - firearm - big game, small game, waterfowl
Hunting - archery - big game, small game, waterfowl
Shooting trap, skeet, range
Other

- WATER-RELATED ACTIVITIES

Fishing
Swimming
Power boating
Water skiing
Sailing
Canoeing

- ON-FOOT ACTIVITIES

Hiking
Backpacking
Orienteering

- LAND-MOBILE

Bicycling
Horseback riding
Fourwheeling
Trailbiking

- SPORTS, ACTIVE GAMES

Baseball
Softball
Football
Golf
Tennis
Archery

- CAMPING

- PICNICKING

- VISITING HISTORIC SITES

- NATURE STUDY

Proposed

MINNESOTA OUTDOOR RECREATION PRETEST QUESTIONNAIRE #5

1. Hello, my name is _____. I am calling from the Minnesota Department of Natural Resources. Am I speaking with the male or female head of the household?

_____ Yes (Go to 5) _____ No (Go to 2)

2. Is the head of the household there?

_____ Yes (Go to 4) _____ No (Go to 3)

3. When might I be able to reach the head of the household? (Record the information in return call space and terminate call.)

4. May I speak with the head of the household?

_____ Yes (Go to 1) _____ No (Go to 3)

5. To aid the Department in its planning, we are asking Minnesota residents to tell us about their household's outdoor recreation activities. By knowing what you do or don't do outdoors we can better meet your needs. May I have a few minutes of your time?

_____ Yes (Go to 7) _____ No (Go to 6)

6. This is an opportunity for you to have a direct influence on how your tax money and the resources of Minnesota are used, especially since only a few households are being asked to participate. It is in your own self-interest and that of your family to answer these questions and we would sure like your input. You have been randomly selected from a list of telephone numbers. Unless you wish to identify yourself, confidentiality will be maintained. Now, may I ask you a few questions?

_____ Yes (Go to 7) _____ No (Terminate: "Thank you for your time.")

Why don't you want to participate? _____

- People 7. Beginning with the youngest, please give me the first name, age, and whether male or female of each member of your household currently living at home. (Use only those persons over 6 years of age for participation data and list from the youngest to the oldest.)

- Participation 8. We're interested in the outdoor recreation activities that you and the members of your household have participated in during the period of _____ through _____. Would you please tell me what each family member has done during that period?
(Record all activities on recording sheet. Go to question 9 for activities of interest only.)

New list (appendix A)

9. Now that you have told me what the members of your household have done, I need to know who, where, and when it was done. (I realize that this may be hard to remember, but it's very important if we are going to be able to give your household the opportunity to do the kinds of things you like to do.) Let's run through one and I'll help you out as we go.

Person	Activity	Specifically Where	WE/WD	Time (Begin-Finish)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Activity
Shift

10. Have you, in the last two years, STOPPED participating in any outdoor recreation activity or activities?

_____ Yes (Which? _____) _____ No

11. Have you, in the last two years, BEGUN participating in any new outdoor recreation activity or activities?

_____ Yes (Which? _____) (Go to 12) _____ No (Go to 13)

12. How committed are you to continued participation in _____?
Very committed, committed, not very committed. (Repeat for each activity mentioned in 11.)

Activity	Committment
_____	_____
_____	_____
_____	_____
_____	_____

13. Have you in the last two years changed your participation in any activities

_____ Yes _____ No (Go to 20)

What activities? _____

- 13a. If so, how many times did you do it two years ago? _____ how many times did you do it last year? _____

Hunting
Fishing

14. Did any members of your household go fishing, hunting, or trapping during the last year?

_____ Yes _____ No (Go to 16)
If yes, which? _____ (Go to 15)

15. We would like the sportsmen in your household to participate in a hunting or fishing survey which would be mailed to your residence. Would you give me their name(s) and address(es)?

Name _____

Address _____

Equipment **16**

I will read a list of recreation items. Please tell me which type and how many are owned by your immediated household.

_____ snowmobile	_____ vacation home
_____ bicycle	_____ ice fishing hut
_____ trailbike	_____ speed boat
_____ fishing boat	_____ pontoon boat
_____ fishing sail boat	_____ fourwheel drive vehicle
_____ camping vehicle	_____ ice boat
_____ canoe	_____ <u>other</u>
_____ <u>tent</u>	

In order to classify our responses, I need answers to the following questions.

- 17** ~~20~~. Do you live in an urban or rural area?
 _____ Urban (Which? _____) _____ Rural

- 18** ~~27~~. In which county do you live? _____

19. How long have you lived in this county? _____

20. How long have you lived in Minnesota? _____

21. Are you married? _____ Single? _____

22. What is your highest grade or year of education completed?
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

23. (If applicable) Your spouse's?
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

24. What is your occupation? _____

25. (If applicable) Your spouse's? _____

26. I am going to read some income categories. When I come to the one that includes your total annual family income, stop me.

_____ Under \$5,000
 _____ \$5,000-\$9,999
 _____ \$10,000-\$14,999
 _____ \$15,000-\$19,999
 _____ \$20,000-\$24,999
 _____ \$25,000-\$29,999
 _____ Over \$30,000

Thank you very much for your help. If you would like a copy of the information we get from this survey, give me your full name and address and I'll send one to you. It will be a while before this is printed, but you'll be the first to get one.

Thanks again.

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
_____ Yes How? _____
_____ No
3. Did the respondent volunteer additional information?
_____ Yes Generally what type? _____
_____ No
4. Which questions caused problems?

Question	Problem
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
5. Any other problems or comments? _____

A P P E N D I X B

ANSWER SHEETS USED IN PRETEST

Interviewer Instructions: Record name, address, phone number, outcome , and return call schedule for each call made. Place a * in margin by any potential respondent that requires a return call. When the return call procedure is completed, cross out the *.

- * Possible outcomes (record code number):
- a. completed interview
 - b. refused cooperation
 - c. phone disconnected
 - d. busy signal (schedule call back for later in same interview period)
 - e. no answer (schedule call back at different time of day)
 - f. household head not at home (schedule call back when head at home)

Interviewer Instructions: When you have reached a potential respondent and he or she has agreed to cooperate (questions 1-6), record responses on this form beginning with question 7.

- [illegible]

8 and 9. List in one block the name of a person who recreated and use one line for each occurrence. For example, if one person over 6 years of age played golf 3 times during the sample period record "golf" on 3 activity lines. Do the same for all activities for that person then move on to the next person. For question 9, come back to the person's block and record the location, day and duration for each activity occurrence.

Name: _____

Activity	Location	WE/WD	Duration
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Name: _____

Activity	Location	WE/WD	Duration
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Name: _____

Activity	Location	WE/WD	Duration
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Name: _____

Activity	Location	WE/WD	Duration
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

[illegible][illegible][illegible][illegible]

Public Recreation Site Visit:

10. Site visited: _____
 _____ very satisfied _____ satisfied _____ dissatisfied _____ very dissatisfied

11. Dissatisfaction (record verbatim): _____

12. Satisfaction (record verbatim): _____

Education

13. Educational Info.:
 Site visited: _____
 _____ Yes _____ No

Info. Used:

14. List of programs or displays: _____

15. Value of Info.:
 _____ very much _____ somewhat _____ very little _____ no

Activity Shift

16. Stopped participating:
 _____ Yes _____ No
 Activities: _____

17. Begun participating:
 _____ Yes _____ No
 Activities: _____

Commitment

18. For each activity in 17:

Activity	Very Committed	Committed	Not very Committed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Activity Shift:

19. Activity	% of Increase	% of Decrease
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Most recent trip:

ishing 20. Site visited: _____
 Forms of transportation: _____

21. Access:
 _____ Yes _____ No

22. Permission:
 _____ Yes _____ No

23. Party size:
 # of fishermen: _____
 # in party _____

24. Type of fishing:		
lake fish from boat	_____ Yes	_____ No
lake fish from shore	_____	_____
stream fish from boat	_____	_____
stream fish from shore	_____	_____
wade fish in stream	_____	_____

25. Species caught:		
Species	# kept	# released
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

~~26.~~ Money spent:
 \$ _____

~~27.~~ Spending distribution:

_____ % food	_____ % fishing equipment, guides, etc.
_____ % lodging	_____ % other retail
_____ % transportation	

28. Access problems:
 _____ Yes _____ No
 Problems: _____

29. Hunting or trapping:

☐ Yes☐ No

30. License:

Person	Age	Age When First Hunted	Sex	License type(s)
#1	_____	_____	_____	_____
#2	_____	_____	_____	_____
#3	_____	_____	_____	_____
#4	_____	_____	_____	_____
#5	_____	_____	_____	_____
<input type="checkbox"/> Don't know				

31. Amount of hunting:

Person	Type(s) of hunting	Total days for each type	Species taken	Number @ speci
#1	_____	_____	_____	_____
#2	_____	_____	_____	_____
#3	_____	_____	_____	_____
#4	_____	_____	_____	_____
#5	_____	_____	_____	_____
<input type="checkbox"/> Don't know				

*species include: deer, bear, pheasants, grouse, partridge, other small game, water fowl, etc.

32. Overnight trips:

Person	# overnight trips	Total days	Total expenditures (most recent trip)
#1	_____	_____	_____
#2	_____	_____	_____
#3	_____	_____	_____
#4	_____	_____	_____
#5	_____	_____	_____
<input type="checkbox"/> Don't know			

33. Hunter training:

☐ Yes☐ No

34. Trapper training:

☐ Yes☐ No

35. Safety certificate:

☐ Yes☐ No

36. Hunted elsewhere:

☐ Yes☐ No

37. Hunting dog:

Yes

Type

#

No

38. Dog training facility:

_____ Yes _____ Miles _____ No
_____ times used _____ Months

39. Clubs:

_____ Yes _____ No
Club name # of household members

40. Permission:

_____ Yes _____ No

41. Access fee:

_____ Yes _____ No

42. Muzzle loader hunt:

_____ Yes _____ No

43. Muzzle loader season:

_____ September _____ December

44. Muzzle loader travel:

_____ miles

Feelings

45. Supply of facilities:

_____ Yes _____ No

46. Facilities lacking:

47. Complaints:

_____ Yes _____ No

48. List of complaints (verbatim):

1. _____
2. _____
3. _____
4. _____

49. Recreation vehicles: (List number of each owned)

<input type="checkbox"/> snowmobile	<input type="checkbox"/> camp trailer
<input type="checkbox"/> bicycle	<input type="checkbox"/> motorhome
<input type="checkbox"/> trailbike	<input type="checkbox"/> speed boat
<input type="checkbox"/> sailboat	<input type="checkbox"/> pontoon boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> fourwheel drive vehicle
<input type="checkbox"/> camper: pickup	<input type="checkbox"/> ice boat
<input type="checkbox"/> canoe	<input type="checkbox"/> other _____

Demograp- 50. Community:

☐ Yes

Name _____

☐ No

51. County: _____

52. Time in county: _____ years

53. Time in Minnesota: _____ years

54. Marital Status: _____ married

☐ sin

55. Education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

56. Spouse's education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

57. Occupation: _____

58. Spouse's occupation: _____

59. Income category:

<input type="checkbox"/> Under \$5,000	<input type="checkbox"/> \$20,000-\$24,999
<input type="checkbox"/> \$10,000-\$14,999	<input type="checkbox"/> \$25,000-\$29,999
<input type="checkbox"/> \$15,000-\$19,999	<input type="checkbox"/> Over \$30,000

60. Sex of respondent: (completed by interviewer):

☐ Male☐ Female

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
_____ Yes How ? _____
_____ No
3. Did the respondent volunteer additional information?
_____ Yes Generally what type? _____
_____ No
4. Which questions caused problems?
Question Problem

5. Any other problems or comments? _____

PSF Name Call initiated at
 Call completed at

MINNESOTA OUTDOOR RECREATION SURVEY - TELEPHONE ACTIVITY FORM

Interviewer Instructions: Record name, address, phone number, outcome¹, and return call schedule for each call made. Place a * in margin by any potential respondent that requires a return call. When the return call procedure is completed, cross out the *.

- 1.* date & time of 1st call: phone: 926-7074
 return call schedule:
 date & time of return call(s): Outcome: b
2. date & time of 2nd call: phone:
 return call schedule:
 date & time of return call(s): Outcome:
3. date & time of 3rd call: phone:
 return call schedule:
 date & time of return call(s): Outcome:

- * Possible outcomes (record code number):
- a. completed interview
 - b. refused cooperation
 - c. phone disconnected
 - d. busy signal (schedule call back for later in same interview period)
 - e no answer (schedule call back at different time of day)
 - f household head not at home (schedule call back when head at home)

TIME
OUT

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no vertical margin lines or other markings present. The paper appears to be a standard notebook page.

Public Recreation Site Visit:

lsfac-

10. Site visited: _____
 _____ very satisfied _____ satisfied _____ dissatisfied _____ very dissatisfied

11. Dissatisfaction (record verbatim): _____

12. Satisfaction (record verbatim): _____

13. Educational Info.:

Site visited: _____

_____ Yes _____ No _____ Don't know

USE:

13a. Yes No

14. List of programs or displays: _____

15. Value of Info.:

_____ very much _____ somewhat _____ very little _____ no

16. Stopped participating: 11

 Yes No

Activities: _____

17. Begun participating:

Yes	No
-----	----

Activities: _____

Commitment

18. For each activity in 17:

[illegible]

Activity Shift:

19. Activity

19a. - ^{Scale} 1/4 1/2 2 3 +

_____	_____
_____	_____
_____	_____
_____	_____

Most recent trip:

shing

20. Site visited: _____

Forms of transportation: _____

21. Access:

_____ Yes

_____ No

22. Permission:

_____ Yes

_____ No

23. Party size:

of fishermen: _____

in party _____

24. Type of fishing:

lake fish from boat

_____ Yes

_____ No

lake fish from shore

stream fish from boat

stream fish from shore

wade fish in stream

25. Species caught:

Species

kept

released

26. Money spent:

\$ _____

27. Spending distribution:

_____ % food

_____ % lodging

_____ % transportation

_____ % fishing equipment, guides, etc.

_____ % other retail

28. Access problems:

_____ Yes

_____ No

Problems: _____

29. Hunting or trapping:

_____ Yes

_____ No

30. Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

ngs 31. Supply of facilities:

_____ Yes

_____ No

32. Facilities lacking:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Familiar with:

32a. _____ Yes

_____ No

33. Complaints:

_____ Yes

_____ No

34. List of complaints (verbatim):

1.	_____
2.	_____
3.	_____
4.	_____

35. Recreation items : (List number of each owned)

<input type="checkbox"/> snowmobile	<input type="checkbox"/> camping vehicle
<input type="checkbox"/> bicycle	<input type="checkbox"/> vacation home - second home
<input type="checkbox"/> trailbike	<input type="checkbox"/> speed boat
<input type="checkbox"/> sailboat	<input type="checkbox"/> pontoon boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> fourwheel drive vehicle
<input type="checkbox"/> canoe	<input type="checkbox"/> ice boat
	<input type="checkbox"/> ice fishing hut

36. Community:

☐ Urban

Name _____

☐ Rural

37. County: _____

38. Time in county: _____ years

39. Time in Minnesota: _____ years

40. Marital Status:

☐ married☐ single

41. Education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

42. Spouse's education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

43. Occupation: _____

44. Spouse's occupation: _____

45. Income category:

☐ Under \$5,000.☐ \$20,000-\$24,999☐ \$10,000-\$14,999☐ \$25,000-\$29,999☐ \$15,000-\$19,999☐ Over \$30,000

SEND SURVEY RESULTS ? _____

1.

2.

3.

4.

5.

PS

Name _____ Call initiated at _____
 Call completed at _____

MINNESOTA OUTDOOR RECREATION SURVEY - TELEPHONE ACTIVITY FORM

Interviewer Instructions: Record name, address, phone number, outcome¹, and return call schedule for each call made. Place a * in margin by any potential respondent that requires a return call. When the return call procedure is completed, cross out the *.

- 1.* date & time of 1st call: _____ phone: 738-2498
 return call schedule: _____
 date & time of return call(s): _____ Outcome: e
2. date & time of 2nd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____
3. date & time of 3rd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

- * Possible outcomes (record code number):
- a. completed interview
 - b. refused cooperation
 - c. phone disconnected
 - d. busy signal (schedule call back for later in same interview period)
 - c. no answer (schedule call back at different time of day)
 - d. household head not at home (schedule call back when head at home)

NAME _____

ACTIVITY

LOCATION

BEGINNING
DAY

TIME
IN

DURATION

TIME
OUT

FIRST NAME

AGE

SEX

FIRST NAME

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

NAME

ACTIVITY

LOCATION

BEGINNING
DAYTIME
IN

DURATION

TIME
OUT

Public Recreation Site Visit:

tisfac- 10. Site visited: _____
on _____ very satisfied _____ satisfied _____ dissatisfied _____ very dissat

11. Dissatisfaction (record verbatim): _____

12. Satisfaction (record verbatim): _____

13. Educational Info.:

Site visited: _____
_____ Yes _____ No _____ Don't know

USE:
13a. _____ Yes _____ No

14. List of programs or displays: _____

15. Value of Info.:
_____ very much _____ somewhat _____ very little _____ no

16. Stopped participating:
_____ Yes _____ No
Activities: _____

17. Begun participating:
_____ Yes _____ No
Activities: _____

Commitment

18. For each activity in 17:

Activity	Very Committed	Committed	Not very Committed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Yes _____

No _____

15a. How many times have you participated last year, this year?

77

Activity	# Times Last Year	# Times This Year
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

FSM
20. A Hunting or trapping:
_____ Yes

_____ No

21. Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

lings 22. Supply of facilities:
_____ Yes _____ No

23. Facilities lacking:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Familiar with:

24. _____ Yes _____ No

25. Complaints:
_____ Yes _____ No

26. List of complaints (verbatim):

1. _____
2. _____
3. _____
4. _____

20. Recreation items : (List number of each owned)

<input type="checkbox"/> snowmobile	<input type="checkbox"/> camping vehicle
<input type="checkbox"/> bicycle	<input type="checkbox"/> vacation home - second home
<input type="checkbox"/> trailbike	<input type="checkbox"/> speed boat
<input type="checkbox"/> sailboat	<input type="checkbox"/> pontoon boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> fourwheel drive vehicle
<input type="checkbox"/> canoe	<input type="checkbox"/> ice boat
	<input type="checkbox"/> ice fishing hut

ograp-
s

21. Community:

☐ Urban

Name

☐ Rural

22. County: _____

23. Time in county: _____ years

24. Time in Minnesota: _____ years

25. Marital Status: _____ married

☐ single

26. Education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

27. Spouse's education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

28. Occupation: _____

29. Spouse's occupation: _____

30. Income category:

<input type="checkbox"/> Under \$5,000	<input type="checkbox"/> \$20,000-\$24,999
<input type="checkbox"/> \$5,000-\$9,999	<input type="checkbox"/> \$25,000-\$29,999
<input type="checkbox"/> \$10,000-\$14,999	<input type="checkbox"/> Over \$30,000
<input type="checkbox"/> \$15,999-\$19,999	

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
____ Yes How? _____
____ No _____
3. Did the respondent volunteer additional information?
____ Yes Generally what type? _____
____ No _____
4. Which questions caused problems?
Question Problem

5. Any other problems or comments? _____

FIRST NAME

AGE

SEX

A. _____

B. _____

C. _____

D. _____

FIRST NAME

E. _____

F. _____

G. _____

H. _____

NAME

ACTIVITY

LOCATION

BEGINNING
DAYTIME
IN

DURATION

TIME
OUT

P

Name _____

Call initiated at 5:42
Call completed at _____

MINNESOTA OUTDOOR RECREATION SURVEY - TELEPHONE ACTIVITY FORM

Interviewer Instructions: Record name, address, phone number, outcome¹, and return call schedule for each call made. Place a * in margin by any potential respondent that requires a return call. When the return call procedure is completed, cross out the *.

- 1.* date & time of 1st call: _____ phone: 448-2396
 return call schedule: _____
 date & time of return call(s): _____ Outcome: E
2. date & time of 2nd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____
3. date & time of 3rd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

- * Possible outcomes (record code number):
- a. completed interview
 - b. refused cooperation
 - c. phone disconnected
 - d. busy signal (schedule call back for later in same interview period)
 - c. no answer (schedule call back at different time of day)
 - d. household head not at home (schedule call back when head at home)

NAME

ACTIVITY

LOCATION

BEGINNING
DAY

TIME
IN

DURATION

TIME
OUT

10. Stopped participating:

Yes

No

83

Activities: _____

11. Begun participating:

Yes

No

Activities: _____

Commitment

12. For each activity in 17:

Activity

Very Committed

Committed

Not very Committed

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

13. Changed participation

Yes

No

13a. How many times have you participated last year, this year?

Activity

Times Last Year

Times This Year

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

14. Fishing,

20. Hunting or trapping:

Yes (which _____)

No

15. 30.

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

recreation items

16. I will read a list of recreation vehicles or watercraft. Please tell me which type and how many are owned by your immediate household.

<input type="checkbox"/> snowmobile	<input type="checkbox"/> camp trailer vacation home
<input type="checkbox"/> bicycle	<input type="checkbox"/> motorhome ice fishing hut
<input type="checkbox"/> trailbike	<input type="checkbox"/> speed boat
<input type="checkbox"/> sailboat	<input type="checkbox"/> pontoon boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> fourwheel drive vehicle
<input type="checkbox"/> camper camping vehicle	<input type="checkbox"/> ice boat
<input type="checkbox"/> canoe	<input type="checkbox"/> other

In order to classify our responses, I need answers to the following questions.

mograp-
CS

17. Community:

☐ Urban

Name _____

☐ Rural

18. County: _____

19 38. Time in county: _____ years

20 39. Time in Minnesota: _____ years

21 40. Marital Status: _____ married

☐ single

22 41. Education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

23 42. Spouse's education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

24 43. Occupation: _____

25 44. Spouse's occupation: _____

26 45. Income category:

☐ Under \$5,000

☐ \$5,000-\$9,999

☐ \$10,000-\$14,999

☐ \$15,999-\$19,999

☐ \$20,000-\$24,999

☐ \$25,000-\$29,999

☐ Over \$30,000

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
_____ Yes How? _____
_____ No
3. Did the respondent volunteer additional information?
_____ Yes Generally what type? _____
_____ No
4. Which questions caused problems?
Question Problem

5. Any other problems or comments? _____

P₁

Name _____

Call initiated at _____
Call completed at _____

MINNESOTA OUTDOOR RECREATION SURVEY - TELEPHONE ACTIVITY FORM

Interviewer Instructions: Record name, address, phone number, outcome¹, and return call schedule for each call made. Place a * in margin by any potential respondent that requires a return call. When the return call procedure is completed, cross out the *.

- 1.* date & time of 1st call: _____ phone: 920-0030
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____
2. date & time of 2nd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____
3. date & time of 3rd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

- * Possible outcomes (record code number):
- a. completed interview
 - b. refused cooperation
 - c. phone disconnected
 - d. busy signal (schedule call back for later in same interview period)
 - fn** no answer (schedule call back at different time of day)
 - household head not at home (schedule call back when head at home)

FIRST NAME

AGE

SEX

FIRST NAME

A.

B.

ॐ

D.

၂၁

五

८

ii.

NAME

ACTIVITY

LOCATION

BEGINNING DAY

TIME
IN

DURATION

TIME OUT

187

10. Stopped participating:

 Yes NoActivities: _____

11. Begun participating:

 Yes NoActivities: _____

Commitment

12. For each activity in 17:

Activity

Very Committed

Committed

Not very Committed

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

13. Changed participation

Yes No

13a. How many times have you participated last year, this year?

Activity	# Times Last Year	# Times This Year
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

14. Fishing,

20. 1

Hunting or trapping:

 Yes (which) No

15. 10.

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

Name: _____

Address: _____

recreation items

16. I will read a list of recreation vehicles or watercraft. Please tell me which type and how many are owned by your immediate household.

<input type="checkbox"/> snowmobile	<input type="checkbox"/> camp trailer vacation home
<input type="checkbox"/> bicycle	<input type="checkbox"/> motorhome ice fishing hut
<input type="checkbox"/> trailbike	<input type="checkbox"/> speed boat
<input type="checkbox"/> sailboat	<input type="checkbox"/> pontoon boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> fourwheel drive vehicle
<input type="checkbox"/> camper camping vehicle	<input type="checkbox"/> ice boat
<input type="checkbox"/> canoe	<input type="checkbox"/> other

In order to classify our responses, I need answers to the following questions.

Demographic- 17. Community: ☐ Urban ☐ Name ☐ Rural

18. County:

19 28. Time in county: years

20 29. Time in Minnesota: years

21 40. Marital Status: ☐ married ☐ single

22 41. Education:
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

23 42. Spouse's education:
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

24 43. Occupation:

25 44. Spouse's occupation:

26 545. Income category:

<input type="checkbox"/> Under \$5,000	<input type="checkbox"/> \$20,000-\$24,999
<input type="checkbox"/> \$5,000-\$9,999	<input type="checkbox"/> \$25,000-\$29,999
<input type="checkbox"/> \$10,000-\$14,999	<input type="checkbox"/> Over \$30,000
<input type="checkbox"/> \$15,999-\$19,999	

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
_____ Yes How? _____
_____ No
3. Did the respondent volunteer additional information?
_____ Yes Generally what type? _____
_____ No
4. Which questions caused problems?
Question Problem

5. Any other problems or comments? _____

P₁ cal

Name _____

Call initiated at _____

Call completed at _____

MINNESOTA OUTDOOR RECREATION SURVEY - TELEPHONE ACTIVITY FORM

Interviewer Instructions: Record name, address, phone number, outcome¹, and return call schedule for each call made. Place a * in margin by any potential respondent that requires a return call. When the return call procedure is completed, cross out the *.

1.* date & time of 1st call: _____ phone: 927-5803
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

2. date & time of 2nd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

3. date & time of 3rd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

* Possible outcomes (record code number):

- a. completed interview
- b. refused cooperation
- c. phone disconnected
- d. busy signal (schedule call back for later in same interview period)
- ~~e~~ no answer (schedule call back at different time of day)
- ~~f~~ household head not at home (schedule call back when head at home)

FIRST NAME

AGE

SEX

FIRST NAME

A. _____

E. _____

B. _____

F. _____

C. _____

G. _____

D. _____

H. _____

NAME

ACTIVITY

LOCATION

BEGINNING
DAYTIME
IN

DURATION

TIME
OUT

NAME _____

ACTIVITY

LOCATION

BEGINNING

TIME

DURATION

THE

16. Stopped participating:

Yes

No

95

Activities:

17. Begun participating:

Yes

No

Activities:

Commitment

18. For each activity in 17:

Activity

Very Committed

Committed

Not very Committed

13. Changed participation

Yes

No

13a. How many times have you participated last year, this year?

Activity

Times Last Year

Times This Year

14. Fishing,

15. Hunting or trapping:

Yes (which

No

Name:

Address:

Name:

Address:

Name:

Address:

Name:

Address:

Name:

Address:

recreation items

16. I will read a list of recreation vehicles or watercraft. Please tell me which type and how many are owned by your immediate household.

<input type="checkbox"/> snowmobile	<input type="checkbox"/> camp trailer vacation home
<input type="checkbox"/> bicycle	<input type="checkbox"/> motorhome ice fishing hut
<input type="checkbox"/> trailbike	<input type="checkbox"/> speed boat
<input type="checkbox"/> sailboat	<input type="checkbox"/> pontoon boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> fourwheel drive vehicle
<input type="checkbox"/> camper camping vehicle	<input type="checkbox"/> ice boat
<input type="checkbox"/> canoe	<input type="checkbox"/> other

In order to classify our responses, I need answers to the following questions.

17. Community:

☐ Urban

Name _____

☐ Rural

18. County: _____

19 28. Time in county: _____ years

20 29. Time in Minnesota: _____ years

21 40. Marital Status: _____ married

☐ single

- 22 41. Education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

- 23 42. Spouse's education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

- 24 43. Occupation: _____

- 25 44. Spouse's occupation: _____

- 26 45. Income category:

☐ Under \$5,000
☐ \$5,000-\$9,999
☐ \$10,000-\$14,999
☐ \$15,999-\$19,999

☐ \$20,000-\$24,999
☐ \$25,000-\$29,999
☐ Over \$30,000

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
_____ Yes How? _____
_____ No
3. Did the respondent volunteer additional information?
_____ Yes Generally what type? _____
_____ No
4. Which questions caused problems?
Question Problem

5. Any other problems or comments? _____

P₁ open-ended

Name _____

Call initiated at _____

Call completed at _____

MINNESOTA OUTDOOR RECREATION SURVEY - TELEPHONE ACTIVITY FORM

Interviewer Instructions: Record name, address, phone number, outcome¹, and return call schedule for each call made. Place a * in margin by any potential respondent that requires a return call. When the return call procedure is completed, cross out the *.

507

1.* date & time of 1st call: _____ phone: 493-5331
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

2. date & time of 2nd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

3. date & time of 3rd call: _____ phone: _____
 return call schedule: _____
 date & time of return call(s): _____ Outcome: _____

* Possible outcomes (record code number):

- a. completed interview
- b. refused cooperation
- c. phone disconnected
- d. busy signal (schedule call back for later in same interview period)
- e no answer (schedule call back at different time of day)
- f household head not at home (schedule call back when head at home)

FIRST NAME

AGE

SEX

FIRST NAME

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

NAME

ACTIVITY

LOCATION

BEGINNING
DAYTIME
IN

DURATION

TIME
OUT

10. Stopped participating:

Yes

No

101

Activities:

11. Begun participating:

Yes

No

Activities:

Commitment

12. For each activity in 17:

Activity

Very Committed

Committed

Not very Committed

13. Changed participation

Yes

No

13a. How many times have you participated last year, this year?

Activity

Times Last Year

Times This Year

14. Fishing,

15. Hunting or trapping:

Yes (which)

No

Name:

Address:

Name:

Address:

Name:

Address:

Name:

Address:

Name:

Address:

recreation items

16. I will read a list of recreation vehicles or watercraft. Please tell me which type and how many are owned by your immediate household.

<input type="checkbox"/> snowmobile	<input type="checkbox"/> camp trailer vacation home
<input type="checkbox"/> bicycle	<input type="checkbox"/> motorhome ice fishing hut
<input type="checkbox"/> trailbike	<input type="checkbox"/> speed boat
<input type="checkbox"/> sailboat	<input type="checkbox"/> pontoon boat
<input type="checkbox"/> fishing boat	<input type="checkbox"/> fourwheel drive vehicle
<input type="checkbox"/> camper camping vehicle	<input type="checkbox"/> ice boat
<input type="checkbox"/> canoe	<input type="checkbox"/> other

In order to classify our responses, I need answers to the following questions.

nograp-
S

17. Community:

☐ Urban

Name _____

☐ Rural

18. County: _____

19. 28. Time in county: _____ years

20. 29. Time in Minnesota: _____ years

21. 40. Marital Status: _____ married

☐ single

22. 41. Education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

23. 42. Spouse's education:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16+

24. 43. Occupation: _____

25. 44. Spouse's occupation: _____

26. 45. Income category:

<input type="checkbox"/> Under \$5,000	<input type="checkbox"/> \$20,000-\$24,999
<input type="checkbox"/> \$5,000-\$9,999	<input type="checkbox"/> \$25,000-\$29,999
<input type="checkbox"/> \$10,000-\$14,999	<input type="checkbox"/> Over \$30,000
<input type="checkbox"/> \$15,999-\$19,999	

Interviewers:

1. Was the respondent male or female? (Circle one.)
2. Did the respondent react negatively to the questionnaire? (too long, difficult to answer, etc.)
_____ Yes How? _____
_____ No
3. Did the respondent volunteer additional information?
_____ Yes Generally what type? _____
_____ No
4. Which questions caused problems?
Question Problem

5. Any other problems or comments? _____

A P P E N D I X C

ACTIVITY LISTS USED DURING THE PRETEST.

LIST A WAS USED WITH QUESTIONNAIRE PSFH, PSF, PS, AND P:

LIST B WITH P_1 , AND LIST C WITH P_1 CAL.

ACTIVITIES

ARCHERY	HUNTING, BIG GAME
BACKPACKING	OTHER
BASEBALL/SOFTBALL (ORGANIZED)	BOW
BICYCLING	JOGGING/RUNNING
BIRDWATCHING AND NATURE STUDY	MOTO-CROSS
BOATING POWER/WATERSKIING	ORIENTEERING
SAIL	OUTDOOR GAMES (VOLLEYBALL, PICK-UP FOOTBALL,
OTHER	BASEBALL, SOFTBALL, ETC.)
CAMPING	PICNICKING
CANOEING	SHOOTING TRAP, SKEET, RANGE
FISHING	SOCCER (ORGANIZED)
FOOTBALL (ORGANIZED)	SWIMMING POOL
FOURWHEELING	LAKE
GOLF	TENNIS
HIKING	TRAILBIKING
HORSEBACK RIDING (TRAIL/OPEN COUNTRY)	VISITING HISTORIC SITES

FACILITIES

PRIVATE CAMPGROUNDS
MUNICIPAL POOLS
COUNTY PARKS
STATE PARKS
STATE FORESTS
STATE WILDLIFE AREAS
NATIONAL FORESTS
NATIONAL WILDLIFE AREAS
NATIONAL RECREATION AREAS

ACTIVITIES

ARCHERY	GOLF
BACKPACKING	HIKING
BASEBALL/SOFTBALL (ORGANIZED)	HORSEBACK RIDING (TRAIL/OPEN COUNTRY)
BICYCLING	HUNTING BIG GAME
BIRDWATCHING AND NATURE STUDY	OTHER
BOATING POWER/WATERSKIING	BOW
SAIL	ORIENTEERING
OTHER	PICNICKING
CAMPING	SHOOTING TRAP, SKEET, RANGE
CANOEING	SWIMMING
FISHING	TENNIS
FOOTBALL	TRAILBIKING
FOURWHEELING	VISITING HISTORIC SITES

FACILITIES

PRIVATE CAMPGROUNDS
MUNICIPAL PARKS
COUNTY PARKS
STATE PARKS
STATE FORESTS
STATE WILDLIFE AREAS
NATIONAL FORESTS
NATIONAL WILDLIFE AREAS
NATIONAL RECREATION AREAS

LIST C (Categorized list)

-SHOOTING SPORTS

Hunting - firearm - big game, small game, waterfowl
Hunting - archery - big game, small game, waterfowl
Shooting trap, skeet, range
Other

-WATER-RELATED ACTIVITIES

Fishing
Swimming
Power boating
Waterskiing
Sailing
Canoeing

-ON-FOOT ACTIVITIES

Hiking
Backpacking
Orienteering

-LAND-MOBILE

Bicycling
Horseback Riding
Fourwheeling
Trailbiking

-SPORTS, ACTIVE GAMES

Baseball
Softball
Football
Golf
Tennis
Archery

-CAMPING-PICNICKING-VISITING HISTORIC SITES-NATURE STUDY

