

RURAL ECONOMY

**A Socio-Economic Evaluation of
Recreational Whitetail Deer and Moose Hunting
In Northwestern Saskatchewan**

K. Morton¹, W. Adamowicz², P. Boxall³, W. Phillips⁴, and W. White⁵
Project Report 93-03

PROJECT REPORT



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Interim Project Report

INTRODUCTION

Hunting is an important recreational activity in Saskatchewan. Saskatchewan Environment and Resource Management estimates there were approximately 102 028 big game hunting licences purchased for the 1992/93 hunting season, with over 95 612 participants. The big game species include Whitetail Deer, Mule Deer, Moose, Elk, Bear and Antelope. Revenue from these big game licences was \$4 380 581.69; a further \$356 876.80 was received from game bird licences. Of the \$ 4 380 581.69 spent on big game hunting licences, \$2 122 156.76 came from Whitetail Deer licence sales and \$411 695.31 came from Moose licence sales. The Survey on the Importance of Wildlife to Canadians in 1991 states that there were 54 955 big game hunters and the mean total expenditure on big game hunting, per participant, was \$590.38. This indicates that over \$32 444 332.90 was spent on hunting by Saskatchewan residents. Clearly, hunting is an important recreational activity in Saskatchewan, and Whitetail Deer and Moose hunting play an important role in recreational hunting in this province.

A study was proposed to estimate how the benefits of recreational hunting in Northwestern Saskatchewan would change if the forest structure changed with forestry operations. To gather this information a survey was developed to examine the characteristics of Whitetail Deer and Moose hunters, and their attitudes and perceptions of hunting in Saskatchewan. In this study the social and economic elements of hunting were examined to help define the demand for hunting opportunities in Saskatchewan (Northwestern Saskatchewan in particular). What did hunters look for when choosing a hunting site in Saskatchewan? Where did recreational hunters go? How often? How would hunting enjoyment be affected by changes in wildlife habitat? The answers to these questions will provide information on recreational hunting demand and the attitudes and values of recreational hunters. This information will

be useful in resource planning decisions, in particular, in areas where natural resource extraction is taking place.

This report supplies the reader with the descriptive results from the Saskatchewan Whitetail Deer and Moose hunting surveys. In the future, research models will be developed to determine the value of recreational hunting in Northwestern Saskatchewan and to determine how these benefits will change with a changing forest structure scenario.

BACKGROUND

Norsask Forest Products signed a Forest Management Licence Agreement (FMLA) with the Saskatchewan government for access to softwood timber on public land for its sawmill in the Meadow Lake area of Northwestern Saskatchewan. The Saskatchewan government required Norsask to find a partner to harvest the hardwood component of the lease area. Millar Western is the partner to Norsask in harvesting from the lease area. Millar Western recently brought on-line a closed loop pulp mill in the Meadow Lake area; its only fibre input is Aspen. Mistik Management is the firm charged with managing the FMLA. They incorporate environmentally friendly forest management and pulp production practices to maintain this image. Such practices include:

- zero effluent pulp mill;
- incorporation of buffers in cut block design;
- exclusion of harvesting in sensitive areas, e.g. steep slopes; and
- modified harvesting practices where clear cutting would be unacceptable.

This FMLA area is composed of wilderness areas used by recreationists, e.g. hunters. The harvesting of timber and associated activities can affect the benefits from a recreational experience. There is a need to quantify the benefits associated with a changing forest structure on recreation experiences in the lease area. The capturing of private benefits and costs within the forest industry are well documented. However, research is still required in estimating the social benefits lost or gained by the users and non-users of the area. Harvesting activity in the FMLA area will affect social benefits in both

positive and negative ways. For example, the building of roads could increase participation in hunting by providing improved access to the interior of the FMLA area. This increased access would also have a negative effect on wilderness preservation values. Harvesting of trees may adversely affect the scenic or aesthetic values or be detrimental to some wildlife species.

After reviewing the Saskatchewan Game Management 1988-89 Summary, 1990 Summer Visitation and Outdoor Recreation Report, the 1990 Saskatchewan Park Visitor Survey Report, and discussions with company and government officials, it was determined that hunting was a significant activity in the lease area. Whitetail Deer, Moose and game birds were determined to be the most popular species hunted. Whitetail Deer and Moose hunting were chosen for the study.

The original research proposal listed the following research objectives:

1. to develop a survey and sampling design to accurately collect the data required for an economic model measuring the impact of forest operations on recreational hunting values;
2. to use the data collected to analyze the demographic and socio-economic characteristics of individuals who are willing to pay for environmental changes;
3. to develop the economic model using social, economic and demographic information about hunters in Saskatchewan;
4. to estimate the changes in benefits of hunting associated with a changing forest structure.

This interim report meets the requirements of objectives 1. and 2. The final report will address objectives 3. and 4.

SURVEY DESIGN

The survey was designed to elicit information on attitudes and perceptions of hunting in Saskatchewan, characteristics of typical hunting trips, hunting activity in 1992, opinions on changing wildlife habitat, contingent behaviour questions and a variety of socio-economic information about the respondents. Individuals in the Department of Rural Economy, University of Alberta, developed the survey with assistance from individuals at Forestry Canada, Northwest Division, Saskatchewan Environment and

Resource Management and Saskatchewan Wildlife Branch.

The survey was sent to a number of individuals for examination. Comments and suggestions were reviewed and incorporated into the survey to improve its content and structure. No mailed pretest was done, but a diverse group of people including hunters, outfitters, and biologists reviewed and discussed the survey. From these discussions a final version of the survey was produced. There were two final surveys: one for Whitetail Deer hunters and one for Moose hunters. The site characteristics for the contingent valuation questions were varied to produce 6 different site-choice questions. Each survey contained two contingent behaviour questions, giving 3 versions of both surveys.

The survey contains five sections: (1) General Hunting Information, (2) 1992 Hunting Activity, (3) Hunting in Northwestern Saskatchewan, (4) Effects of Changing Hunting Conditions, and (5) Demographic Information. The structure of each section is outlined below. (A copy of the survey is attached).

(1) General Hunting Information

The purpose of this section of the survey was to elicit information about what factors were important to the selection of a hunting site, what kinds of transportation were used, what was the hunter's favourite zone, how many years he or she hunted there, what he or she would do if hunting in the favourite zone was not available, and how many hunting trips were taken in 1992. The survey contained a list of factors affecting site choice for respondents to rate on a 1 - 5 scale. The factors included: familiarity with the area, road access and distance from home. Respondents were asked to indicate, from a list of types of transportation, which ones were used on a typical hunting trip. They were asked to give their favourite hunting zone and how many years, of the past 10, they had hunted there. To determine where hunting-related expenditures would take place if a zone was closed for hunting, the survey included a question asking the respondents what they would do if they could not hunt in their favourite zone and where they would go to pursue these activities. The respondents were then asked how many hunting trips were taken in 1992.

(2) 1992 Hunting Activity

Respondents were asked to complete a hunting trip log for each hunting trip in 1992. The trip log included the date they left home, the length of their trip, the number of individuals in the hunting party, the distance from home and time taken to get to the site, the game harvested by the respondent and his party, the zone they hunted in and the type of accommodations used. The survey asked the respondents to indicate their expenditures on transportation, accommodation, food, rentals and equipment. They were also asked to give details of major purchases for hunting. The respondents were also asked to indicate which hunting licences they purchased in 1992. The information in this section will be useful for economic analysis and modelling.

(3) Hunting in Northwestern Saskatchewan

The purpose of this section of the survey was to elicit information on hunters' attitudes and perceptions about hunting in Northwestern Saskatchewan. The survey provided a simple map of Saskatchewan with the Northwestern corner shaded and asked the respondent if he or she hunted in this area in 1992. If they answered no, they were asked why not; and if they answered yes, they were asked why, how many hunting trips were taken in the Northwest, how many trips were taken to Meadow Lake Provincial Park, and in what other activities they participated in the Northwest. The results from this section will be useful for understanding general awareness of Saskatchewan hunters to hunting opportunities in the Northwest. They may also be useful for compiling information for promoting hunting and other recreational opportunities in the Northwest.

(4) Effects of Changing Hunting Conditions

This section of the survey gave respondents a list of items, some arising from forestry operations, to consider and rate to what extent each would add to or lessen their Whitetail Deer or Moose hunting experience. Each item was rated on a 1 - 5 scale and the respondents were asked to indicate which items increased their enjoyment more than others and which items decreased their enjoyment more than others. This section of the survey also contained two dichotomous choice contingent behaviour questions. Traditionally, researchers used contingent valuation questions, where they would ask

respondents: "would you be willing to pay for . . . ?". In this survey, respondents were asked if they would be willing to *visit* a new hunting site which has an implicit price. Each question gave two forest hunting scenarios. The first scenario involved a base case which was the same for both questions on all versions of the survey. The second scenario altered levels of access (road quality), game populations, or congestion of hunters and a randomly generated cost factor. Each question asked respondents in which site they would prefer to hunt. These changes in site qualities are non-market goods; that is, they are not bought and sold in a market situation. The purpose of the contingent behaviour question is to try to estimate a value for the non-market goods.

(5) Demographic Information

The demographic section of the survey elicited information of gender, age, town size, place of residence, education, years of hunting experience, income and number of household members contributing to the family income. These factors are very important in economic analysis.

(6) Survey Implementation

The survey package included a cover letter, a survey, a postage-paid return envelope and a "prize ballot". The covering letter and survey cover included logos from the University of Alberta and the Canada-Saskatchewan Partnership Agreement in Forestry. The cover letter was designed to give respondents information on the purpose of the survey and to encourage participation. The prize draw was used as a further incentive for participation. Forestry Canada, Trout Unlimited, Ducks Unlimited, Northwest Tourism, Millar Western, Canadian Outdoor Publications and The National Firearms Association donated prizes for the survey.

A separate ballot was included to facilitate the removal of names from the mailing list while preserving anonymity of the responses by separating the ballot from the survey.

SAMPLING DESIGN

1. Pretest

As mentioned above, a mailed pretest was not used for this survey. The survey was circulated among peers in the Department of Rural Economy and Forestry Canada for initial examination. Members of Saskatchewan Environment and Resource Management and the Saskatchewan Wildlife Branch reviewed the survey. Comments and suggestions concerning the survey design and question wording were incorporated into the survey. There were concerns regarding the contingent behaviour questions, specifically in the description of realistic hunting sites and game populations for a Northwest Saskatchewan forest. A focus group of Alberta Moose hunters also examined the survey and discussed their perceptions of quality hunting sites and game populations. The survey was passed on to an outfitter in Meadow Lake, Saskatchewan for comments. This was followed up by taking a revised version of the survey to Meadow Lake for more detailed discussions with the outfitter, a local biologist and hunters. These discussions helped with the finer details for the contingent behaviour questions.

2. Provincial and Western Sample

Northwestern Saskatchewan was the primary area of interest for this study. It was important to get a large sample of both hunters living in the immediate area and hunters living in other parts of Saskatchewan. It was decided that a random sample of 1 500 Whitetail Deer hunters and 1 500 Moose hunters would be taken from licences purchased in 1991, since 1992 licences would not be easily available. The mailing lists were provided by the Saskatchewan Wildlife Branch. A random sample of 1650 of both Whitetail Deer and Moose licence holders was requested to allow for overlapping of hunters purchasing both licences. 550 names were randomly chosen from a provincial-wide sample (the Provincial sample) and 1100 names were chosen from postal codes of towns on the West side of the province, North of Swift Current (the Western sample). Members of the Wildlife Branch felt that people living in this area would be more likely to visit the Northwest than those living elsewhere. Furthermore, the Whitetail Deer hunters were drawn primarily from Second licences, as the Second licence is for hunting in the provincial forest.

After cross-checking all four mailing lists with one another, and cross-checking with the Saskatchewan Caribou survey being mailed out at the same time, a total of 3 148 surveys were sent out for the first mailing on November 30, 1992. The exact numbers sent for each survey sample can be found in Table 1. All completed surveys returned with completed ballots had their names removed from the second and third mailing lists. At the time of the second mailing the survey had achieved a response rate of 4 percent. The second mailing, on December 10, 1992, consisted of a reminder card. The third mailing, of approximately 1 818 surveys, was composed of a complete survey package for all non-respondents and was sent out on January 13, 1993.

RESPONSE RATES

Table 1 below illustrates the response rates for the completed mailings for the Provincial and Western Whitetail Deer and Moose surveys. A total of 543 and 1 059 surveys were mailed for the Provincial and Western Whitetail Deer samples, respectively; 533 and 1 013 surveys were mailed to the Provincial and Western Moose samples, respectively. The Whitetail Deer survey mailout (Provincial and Western samples combined) of 1 602 provided a response of 935 completed questionnaires with 25 returned unopened (deceased persons, incorrect addresses, individuals who have moved). The Moose survey mailout (Provincial and Western samples combined) of 1 546 provided a response of 787 completed questionnaires with 20 returned unopened. This yielded an effective response rate of 59.3% for the Whitetail Deer survey and 51.6% for the Moose survey, which was quite satisfactory given the length and complexity of the questionnaires and the fact that they were mail surveys. In both surveys, less than two percent of the surveys were returned unopened, which falls well below the accepted standard rate of ten percent.

The first and second mailings were examined for any response bias using the demographic variables and none was found.

Table 1. Sample Size, Response and Response Rates for the Surveys

Mailed	Number Sent	Number Returned Unopened	Percent Returned Unopened	Effective Sample Size	Number Completed	Percent of Effective Completed
Provincial Whitetail Deer	543	10	1.8	533	327	61.4
Western Whitetail Deer	1059	15	1.4	1044	608	58.2
Total Whitetail Deer	1602	25	1.6	1577	935	59.3
Provincial Moose	533	6	1.1	527	273	51.8
Western Moose	1013	14	1.4	999	514	51.4
Total Moose	1546	20	1.3	1526	787	51.6

SURVEY RESULTS

Detailed results of the survey responses are contained in Appendices A, B and C. The results are partitioned by sample region and survey type. Appendix A encompasses those responses from the Whitetail Deer and Moose hunters from the **Provincial sample**, and Appendix B encompasses those responses from the Whitetail Deer and Moose hunters from the **Western sample**. Appendix C contains a summary of coded responses for questions that requested explanations or descriptions. This section of the report will provide the reader with the descriptives from these results. For clarification, any reference to Provincial hunters refers to the data in Appendix A, and any reference to Western hunters refers to the data in Appendix B.

Factors Considered in Selecting a Hunting Area

Questions 1.a through 1.j in Appendices A and B provide information about factors that hunters consider in selecting a hunting area. Most hunters from both samples feel that familiarity with the area is at least somewhat important, but over 40% find that familiarity is very important. Good access to the

region (paved roads, 2-wheel drive access) ranked low in importance for most hunters. Most feel that having a good chance of harvesting an animal is somewhat to very important; over 36% feel it is very important. Naturalness, or lack of development, and seeing other kinds of wildlife also rate high in importance for most hunters in both regions. Having a nice area for a hunting camp is of greater importance to both Western and Provincial Moose hunters than to Whitetail Deer hunters. Knowing someone who owns land or a cabin in the region ranks low in importance for most Whitetail Deer and Moose hunters. Privacy from other hunters ranks high in importance for most hunters. Distance from home is less important for Moose hunters than for Whitetail Deer hunters, and less important for Western Whitetail Deer hunters than for Provincial Whitetail Deer hunters. Opportunities to hunt with family and friends is at least somewhat important to most hunters; over 36% state that it is very important.

Typical Hunting Trip and Favourite Zone

The most frequently stated modes of transportation used on a typical hunting trip by Provincial and Western Whitetail Deer hunters were: i) two-wheel drive vehicle, ii) four-wheel drive vehicle, and iii) hiking or backpacking. Provincial Moose hunters most frequently stated: i) two-wheel drive vehicle, ii) trail bike or ATV, and iii) hiking or backpacking. Western Moose hunters most frequently stated: i) two-wheel drive vehicle, ii) trail bike or ATV, and iii) four-wheel drive vehicle.

Question 3 of the survey asked hunters their favourite hunting zone; the responses are listed in Appendices A and B. On average, over the last 10 years Provincial Whitetail Deer hunters hunted in their favourite zone for 7.76 years with a standard deviation of 2.8. Provincial Moose hunters hunted in their favourite zone an average of 7.43 years of the last 10 with a standard deviation of 3.4. Western Whitetail Deer and Moose hunters, respectively, hunted in their favourite zone an average of 7.41 years (standard deviation of 2.9) and 6.72 years (standard deviation of 3.1).

Question 5 asked the respondents to state in what alternative activities would they participate and where if they could not hunt in their favourite zone. Over 71% of all respondents stated that they would hunt elsewhere and over 55% of all respondents stated that they would go fishing. The next two most

frequently stated activities were camping and wildlife viewing, hiking or photography. The zones in which respondents would pursue these activities are listed in Appendices A and B.

Provincial Whitetail Deer hunters took an average of 5.86 hunting trips (standard deviation of 8.7); Provincial Moose hunters took an average of 4.11 hunting trips (standard deviation of 5.0). Western Whitetail Deer hunters took an average of 7.06 hunting trips (standard deviation of 12.7) and Western Moose hunters took an average of 5.19 hunting trips (standard deviation of 8.6). There is a possibility that there was confusion among respondents as to what constituted a "hunting trip".

Hunting Expenditures and Licences Purchased

Table 2 below illustrates the average hunting expenditures for the Provincial and Western Whitetail Deer and Moose hunters. The standard deviations are indicated in brackets beneath the average expenditures. The values obtained from the survey are comparable to those obtained from the Survey on the Importance of Wildlife to Canadians in 1991, for the Saskatchewan residents who hunted large animals. The mean expenditure on transportation for hunting large animals as reported from the Survey on the Importance of Wildlife to Canadians, for Saskatchewan residents, was \$145.28. The mean expenditure on accommodations was \$34.33 and the mean total expenditures was \$590.38. The definitions of other expenditure categories such as food, equipment and other expenditures differ between the two surveys, making a comparison between the two surveys difficult.

Information on major purchases such as trucks, ATVs or cabins, their average prices and the percentage of time such items were used for hunting in Saskatchewan can be found in Appendices A and B. The most frequently indicated items purchased by Whitetail Deer and Moose hunters of both samples are trucks and ATVs.

Most Whitetail Deer and Moose hunters participate in other types of hunting as well. Table 3 below shows the percentage of respondents who purchased various Saskatchewan hunting licences. The most frequent type of other licence purchased was a fur/trapping licence.

Table 2. Average Expenditures For 1992 Season

Item	Provincial Whitetail Deer Hunters	Provincial Moose Hunters	Western Whitetail Deer Hunters	Western Moose Hunters
Transportation	\$209.19 (203.45)	\$214.51 (281.16)	\$238.87 (297.47)	\$270.58 (891.30)
Accommodations	\$27.72 (53.95)	\$29.49 (90.95)	\$34.48 (118.44)	\$45.50 (114.31)
Restaurant Meals	\$50.84 (341.39)	\$25.85 (52.24)	\$34.43 (77.64)	\$36.01 (63.41)
Other Food	\$70.65 (116.21)	\$111.82 (128.98)	\$83.55 (203.46)	\$118.19 (209.56)
Rentals and Repairs	\$16.67 (84.07)	\$22.27 (67.15)	\$30.47 (200.51)	\$30.87 (178.09)
Equipment purchased specifically for the trip	\$122.33 (271.21)	\$184.15 (1215.03)	\$135.31 (354.14)	\$161.21 (482.38)
Other	\$14.87 (100.84)	\$14.39 (81.21)	\$24.82 (291.78)	\$15.56 (105.67)
Total	\$546.08 (641.76)	\$658.25 (1435.40)	\$604.63 (1023.29)	\$713.14 (1733.41)

Numbers in Parentheses are Standard Deviations

Table 2. Licences Held

Licence	Provincial Whitetail Deer Hunters	Provincial Moose Hunters	Western Whitetail Deer Hunters	Western Moose Hunters
Upland Game Bird	60.9%	39.6%	62.8%	56.1%
Waterfowl	50.8%	27.0%	53.9%	40.9%
Angling	67.5%	61.4%	71.6%	73.0%
Antelope	33.1%	13.7%	28.7%	18.3%
Mule Deer	41.3%	22.5%	51.1%	31.9%
Whitetail Deer	92.4%	69.1%	93.7%	86.5%
Bear	6.3%	10.5%	10.7%	11.9%
Elk	14.2%	29.1%	13.0%	20.0%
Draw Elk	7.9%	13.7%	5.7%	9.4%
Moose	20.5%	66.7%	21.1%	64.1%
Draw Moose	5.4%	15.1%	5.4%	15.7%
Other	4.7%	6.7%	8.0%	6.5%

Hunting in Northwestern Saskatchewan

97.5% of Provincial Whitetail Deer hunters and 91.9% of Provincial Moose hunters did not hunt in Northwestern Saskatchewan in the 1992 season. 80.7% of Western Whitetail Deer hunters and 57.0% of Western Moose hunters did not hunt in Northwestern Saskatchewan in the 1992 season. The most frequent reasons given by Provincial Whitetail Deer and Moose hunters for not hunting in Northwestern Saskatchewan are: i) it was too far or too expensive to travel that far, ii) they were unfamiliar with the area, and iii) they have other favourite hunting areas. The latter two reasons were the most frequent reasons given by Western Whitetail Deer and Moose hunters along with "other" reasons. A listing of other reasons for not hunting in the Northwest can be found in Appendix C. The most frequent reasons given by Provincial Whitetail Deer and Moose hunters for hunting in Northwestern Saskatchewan are: i) familiarity with the area, ii) good chance of harvesting an animal, and iii) access within the region (highway network, roads). The most frequent reasons given by Western Whitetail Deer hunters for hunting in Northwestern Saskatchewan are: i) familiarity with the area, ii) good chance of harvesting an animal, and iii) good chance of harvesting a trophy animal. The most frequent reasons given by Western Moose hunters are: i) familiarity with the area, ii) good chance of harvesting an animal, and iii) it is close to their home. For those who hunt in the Northwest, familiarity with the area is the most important reason for hunting there; this is consistent with the importance placed on familiarity in hunting site choice in question 1.a.

The average number of hunting trips to Northwestern Saskatchewan, in the 1992 season, by Provincial Whitetail Deer and Moose hunters, respectively, were 1.83 and 3.36, with standard deviations of 1.60 and 4.12. The average number of hunting trips to the Northwest by Western Whitetail Deer and Moose hunters was higher at 12.68 and 6.66, respectively, with standard deviations of 30.79 and 17.79. Provincial Whitetail Deer hunters who hunted in the Northwest made an average of 3.86 trips to Meadow Lake Provincial Park (standard deviation of 5.24). Provincial Moose hunters who hunted in the Northwest made an average of 6.65 trips to Meadow Lake Provincial Park (standard deviation of 21.23). Western Whitetail Deer hunters and Moose hunters who hunted in the Northwest, respectively, made an average of 3.43 and 3.22 trips to Meadow Lake Provincial Park (standard deviations were 17.62 and 10.38,

respectively). Provincial Whitetail Deer and Moose hunters who hunted in the Northwest, spent respectively, on average, 65% and 65.9% of their total hunting expenditures in the Northwest (standard deviations of 36.4 and 31.44). Western Whitetail Deer and Moose hunters who hunted in the Northwest, spent respectively, on average, 51.68% and 69.54% of their total hunting expenditures in the Northwest (standard deviations of 35.5 and 33.2).

While on hunting trips to the Northwest the most frequent responses for other activities in which Provincial Whitetail Deer hunters participated were fishing, visiting Meadow Lake Provincial Park and camping. Provincial Moose hunters and Western Whitetail Deer and Moose hunters most frequently stated that they camped, fished and visited friends and relatives while on hunting trips to the Northwest.

Effects of Changing Hunting Conditions

Questions 18.a through 18.k in Appendices A and B provide information about various factors that add to or lessen the enjoyment of Whitetail Deer or Moose hunting experiences. The majority of hunters from both samples agreed that encountering another hunting party would lessen their hunting enjoyment. More Moose hunters than Whitetail Deer hunters thought that road access to new sites would lessen their hunting enjoyment; the majority of hunters from both samples felt that it would lessen their enjoyment at least somewhat. More Whitetail Deer hunters than Moose hunters thought that gates on roads lessened their hunting enjoyment, although, the majority of all respondents felt that gates on roads did lessen their hunting enjoyment. The majority of Whitetail Deer hunters from both samples felt that roads closed to vehicular traffic lessened their hunting enjoyment, while Moose hunters from both samples had mixed opinions. The majority of hunters from both samples agreed that slash on cut lines lessened their hunting enjoyment. They also agreed that seeing twice as many Whitetail Deer, or Moose, and seeing other kinds of wildlife increased their hunting enjoyment. The majority of hunters from both samples agreed that seeing or hearing logging equipment, deterioration of roads and road corridors lessened their hunting enjoyment, although Moose hunters from both samples felt less strongly about the latter two. Most hunters felt that seeing a previously logged area replanted with seedlings increased their hunting

enjoyment.

Not surprisingly, more than 75% of Whitetail Deer and Moose hunters from both samples stated that seeing twice as many Whitetail Deer, or Moose; seeing other kinds of wildlife; or both increased their hunting enjoyment more than any other item. Similarly, the most frequent choice for the item that decreased hunting enjoyment more than any other item was seeing or hearing logging equipment, followed by encountering another hunting party and roads closed to vehicular traffic.

Demographics

Almost all of the survey respondents were male, over 97 percent for all surveys. The average age of the Provincial Whitetail Deer and Moose hunters, respectively, was 39.15 and 43.87, with a standard deviation of 13.16 and 13.75. The average age of the Western Whitetail Deer and Moose hunters, respectively was 40.37 and 40.67, with a standard deviation of 14.48 and 12.31.

Respondents were asked the size of the town in which they lived. Approximately half (50.5 %) of Provincial Whitetail Deer hunters live in urban areas, while 40.7% of Provincial Moose hunters do. Similarly, 58.3% Western Whitetail Deer hunters live in urban areas, and 47.6% of Western Moose hunters live in urban areas.

Of the Provincial Whitetail Deer hunters, 56.2% state that the highest level of education they have received is high school and 30% state that the highest level of education they have received is a trade school or technical college education. The results are similar for the Provincial Moose hunters with 57.5% having gone as far as high school and 26% having gone as high as trade school or technical college. Slightly fewer Western hunters have a high school or technical college education: 51.3% of Whitetail Deer hunters and 55.4% of Moose hunters have completed high school; 25.2% of Whitetail Deer hunters and 25.6% of Moose hunters have gone to technical college.

The average Provincial Whitetail Deer and Moose hunters, respectively, have 23.2 and 26.5 years hunting experience (standard deviation of 12.6 and 13.4) and the average Western Whitetail Deer and Moose hunters, respectively, have 23.6 and 23.9 years hunting experience (standard deviation of 14.2 and

11.8).

Most Provincial hunters' annual household income falls between \$20 001 and \$60 000. The number of working members in the Whitetail Deer and Moose hunters' homes, respectively, is 1.68 and 1.66 with standard deviations of .697 and .533. Most Western hunters' annual household income falls between \$10 001 and \$60 000. The number of working members in the Western Whitetail Deer and Moose hunters' homes, respectively, is 1.65 and 1.76 with standard deviations of .602 and .926.

CONCLUSIONS

This interim report presents the descriptive results of the 1992 Whitetail Deer Hunting In Saskatchewan and the 1992 Moose Hunting in Saskatchewan surveys. The purpose of this report is to give the direct descriptive statistics of the surveys; further analysis will be required to fully understand the data collected from this survey. The data gathered from the Hunting in Saskatchewan surveys will be useful to present and future recreation and resource managers and decision makers.

APPENDIX A

Provincial Sample

Whitetail Deer Hunters

Question 1. Factors You Consider in Selecting A Hunting Area

When you decide to go hunting, how important are the following factors in deciding where you want to hunt?

1.a Familiarity with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	5	1.6	1.6	1.6
	2	10	3.2	3.2	4.8
Somewhat Important	3	73	23.0	23.3	28.1
	4	85	26.8	27.2	55.3
Very Important	5	140	44.2	44.7	100.0
Missing	9	4	1.3	Missing	
		-----	-----	-----	
Total		317	100.0	100.0	

Valid cases 313 Missing cases 4

1.b Good access to region (paved roads, 2-wheel Drive access)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	85	26.8	27.3	27.3
	2	68	21.5	21.9	49.2
Somewhat Important	3	98	30.9	31.5	80.7
	4	34	10.7	10.9	91.6
Very Important	5	26	8.2	8.4	100.0
Missing	9	6	1.9	Missing	
		-----	-----	-----	
Total		317	100.0	100.0	

Valid cases 311 Missing cases 6

1.c Good chance of harvesting an animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	6	1.9	1.9	1.9
	2	8	2.5	2.6	4.5
Somewhat Important	3	72	22.7	23.0	27.5
	4	111	35.0	35.5	62.9
Very Important	5	116	36.6	37.1	100.0
Missing	9	4	1.3	Missing	
		-----	-----	-----	
Total		317	100.0	100.0	

Valid cases 313 Missing cases 4

1.d Naturalness of the area or lack of development

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	16	5.0	5.2	5.2
	2	20	6.3	6.5	11.6
Somewhat Important	3	78	24.6	25.2	36.8
	4	95	30.0	30.6	67.4
Very Important	5	101	31.9	32.6	100.0
Missing	9	7	2.2	Missing	
		-----	-----	-----	
Total		317	100.0	100.0	

Valid cases 310 Missing cases 7

1.e Seeing wildlife other than Whitetail deer (e.g. hawks, squirrels)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	23	7.3	7.3	7.3
	2	30	9.5	9.6	16.9
Somewhat Important	3	65	20.5	20.7	37.6
	4	108	34.1	34.4	72.0
Very Important	5	88	27.8	28.0	100.0
Missing	9	3	.9	Missing	
Total		317	100.0	100.0	

Valid cases 314 Missing cases 3

1.f Nice area for a hunting camp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	101	31.9	32.4	32.4
	2	47	14.8	15.1	47.4
Somewhat Important	3	80	25.2	25.6	73.1
	4	54	17.0	17.3	90.4
Very Important	5	30	9.5	9.6	100.0
Missing	9	5	1.6	Missing	
Total		317	100.0	100.0	

Valid cases 312 Missing cases 5

1.g Own or know someone who owns land or a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	80	25.2	25.6	25.6
	2	39	12.3	12.5	38.1
Somewhat Important	3	82	25.9	26.3	64.4
	4	56	17.7	17.9	82.4
Very Important	5	55	17.4	17.6	100.0
Missing	9	5	1.6	Missing	
Total		317	100.0	100.0	

Valid cases 312 Missing cases 5

1.h Privacy from other hunters

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	15	4.7	4.8	4.8
	2	23	7.3	7.3	12.1
Somewhat Important	3	111	35.0	35.4	47.5
	4	82	25.9	26.1	73.6
Very Important	5	83	26.2	26.4	100.0
Missing	9	3	.9	Missing	
Total		317	100.0	100.0	

Valid cases 314 Missing cases 3

1.i Distance from home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	50	15.8	16.0	16.0
	2	51	16.1	16.3	32.4
Somewhat Important	3	119	37.5	38.1	70.5
	4	54	17.0	17.3	87.8
Very Important	5	38	12.0	12.2	100.0
Missing	9	5	1.6	Missing	
	Total	317	100.0	100.0	
Valid cases	312	Missing cases	5		

1.j Opportunities to hunt with family or friends

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	19	6.0	6.1	6.1
	2	15	4.7	4.8	10.9
Somewhat Important	3	65	20.5	20.8	31.6
	4	97	30.6	31.0	62.6
Very Important	5	117	36.9	37.4	100.0
Missing	9	4	1.3	Missing	
	Total	317	100.0	100.0	
Valid cases	313	Missing cases	4		

Moose Hunters

Question 1. Factors You Consider in Selecting A Hunting Area

When you decide to go hunting, how important are the following factors in deciding where you want to hunt?

1.a Familiarity with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	8	2.8	2.8	2.8
	2	8	2.8	2.8	5.7
Somewhat Important	3	76	26.7	27.0	32.6
	4	54	18.9	19.1	51.8
Very Important	5	136	47.7	48.2	100.0
Missing	9	3	1.1	Missing	
		-----	-----	-----	
Total		285	100.0	100.0	
Valid cases	282	Missing cases	3		

1.b Good access to region (paved roads, 2-Wheel Drive access)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	126	44.2	44.8	44.8
	2	59	20.7	21.0	65.8
Somewhat Important	3	73	25.6	26.0	91.8
	4	12	4.2	4.3	96.1
Very Important	5	11	3.9	3.9	100.0
Missing	9	4	1.4	Missing	
		-----	-----	-----	
Total		285	100.0	100.0	
Valid cases	281	Missing cases	4		

1.c Good chance of harvesting an animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	9	3.2	3.2	3.2
	2	12	4.2	4.3	7.5
Somewhat Important	3	78	27.4	27.8	35.2
	4	74	26.0	26.3	61.6
Very Important	5	108	37.9	38.4	100.0
Missing	9	4	1.4	Missing	
		-----	-----	-----	
Total		285	100.0	100.0	
Valid cases	281	Missing cases	4		

1.d Naturalness of the area or lack of development

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	19	6.7	6.8	6.8
	2	9	3.2	3.2	10.0
Somewhat Important	3	51	17.9	18.2	28.2
	4	87	30.5	31.1	59.3
Very Important	5	114	40.0	40.7	100.0
Missing	9	5	1.8	Missing	
		-----	-----	-----	
Total		285	100.0	100.0	
Valid cases	280	Missing cases	5		

1.e Seeing wildlife other than Moose deer (e.g. hawks, squirrels)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	22	7.7	7.8	7.8
	2	22	7.7	7.8	15.5
Somewhat Important	3	65	22.8	23.0	38.5
	4	77	27.0	27.2	65.7
Very Important	5	97	34.0	34.3	100.0
Missing	9	2	.7	Missing	
Total		285	100.0	100.0	
Valid cases	283	Missing cases	2		

1.f Nice area for a hunting camp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	47	16.5	16.7	16.7
	2	37	13.0	13.1	29.8
Somewhat Important	3	86	30.2	30.5	60.3
	4	59	20.7	20.9	81.2
Very Important	5	53	18.6	18.8	100.0
Missing	9	3	1.1	Missing	
Total		285	100.0	100.0	
Valid cases	282	Missing cases	3		

1.g Own or know someone who owns land or a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	117	41.1	41.6	41.6
	2	27	9.5	9.6	51.2
Somewhat Important	3	50	17.5	17.8	69.0
	4	38	13.3	13.5	82.6
Very Important	5	49	17.2	17.4	100.0
Missing	9	4	1.4	Missing	
Total		285	100.0	100.0	
Valid cases	281	Missing cases	4		

1.h Privacy from other hunters

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	13	4.6	4.6	4.6
	2	12	4.2	4.2	8.8
Somewhat Important	3	59	20.7	20.8	29.7
	4	78	27.4	27.6	57.2
Very Important	5	121	42.5	42.8	100.0
Missing	9	2	.7	Missing	
Total		285	100.0	100.0	
Valid cases	283	Missing cases	2		

1.i Distance from home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	76	26.7	27.0	27.0
	2	35	12.3	12.5	39.5
Somewhat Important	3	113	39.6	40.2	79.7
	4	34	11.9	12.1	91.8
Very Important	5	23	8.1	8.2	100.0
Missing	9	4	1.4	Missing	
Total		285	100.0	100.0	
Valid cases	281	Missing cases	4		

1.j Opportunities to hunt with family or friends

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	20	7.0	7.0	7.0
	2	14	4.9	4.9	12.0
Somewhat Important	3	44	15.4	15.5	27.5
	4	86	30.2	30.3	57.7
Very Important	5	120	42.1	42.3	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

Whitetail Deer Hunters

Question 2. While hunting on your typical hunting trip did you?

2.a Use a 2-wheel drive vehicle

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	101	31.9	32.2	32.2
Yes	1	213	67.2	67.8	100.0
Missing	9	3	.9	Missing	
Total		317	100.0	100.0	

Valid cases 314 Missing cases 3

2.b Use a 4-wheel drive vehicle

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	169	53.3	53.8	53.8
Yes	1	145	45.7	46.2	100.0
Missing	9	3	.9	Missing	
Total		317	100.0	100.0	

Valid cases 314 Missing cases 3

2.c Use a trail bike or ATV

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	262	82.6	83.4	83.4
Yes	1	52	16.4	16.6	100.0
Missing	9	3	.9	Missing	
Total		317	100.0	100.0	

Valid cases 314 Missing cases 3

2.d Use a snowmobile

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	292	92.1	93.0	93.0
Yes	1	22	6.9	7.0	100.0
Missing	9	3	.9	Missing	
Total		317	100.0	100.0	

Valid cases 314 Missing cases 3

2.e Use horses

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	311	98.1	99.0	99.0
Yes	1	3	.9	1.0	100.0
Missing	9	3	.9	Missing	
	Total	317	100.0	100.0	
Valid cases	314	Missing cases	3		

2.f Use a boat

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	308	97.2	98.1	98.1
Yes	1	6	1.9	1.9	100.0
Missing	9	3	.9	Missing	
	Total	317	100.0	100.0	
Valid cases	314	Missing cases	3		

2.g Hike or backpack

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	181	57.1	57.6	57.6
Yes	1	133	42.0	42.4	100.0
Missing	9	3	.9	Missing	
	Total	317	100.0	100.0	
Valid cases	314	Missing cases	3		

Question 3. What is your favourite hunting zone?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	9	2.8	3.0	3.0
	2	9	2.8	3.0	6.0
	3	5	1.6	1.7	7.6
	4	3	.9	1.0	8.6
	5	3	.9	1.0	9.6
	6	17	5.4	5.6	15.2
	7	1	.3	.3	15.6
	8	2	.6	.7	16.2
	9	5	1.6	1.7	17.9
	10	16	5.0	5.3	23.2
	11	1	.3	.3	23.5
	12	1	.3	.3	23.8
	13	5	1.6	1.7	25.5
	14	6	1.9	2.0	27.5
	15	4	1.3	1.3	28.8
	16	2	.6	.7	29.5
	17	11	3.5	3.6	33.1
	18	7	2.2	2.3	35.4
	19	14	4.4	4.6	40.1
	20	13	4.1	4.3	44.4
	21	16	5.0	5.3	49.7

	22	9	2.8	3.0	52.6
	23	4	1.3	1.3	54.0
	24	1	.3	.3	54.3
	28	2	.6	.7	55.0
	29	2	.6	.7	55.6
	30	2	.6	.7	56.3
	31	1	.3	.3	56.6
	32	1	.3	.3	57.0
	33	4	1.3	1.3	58.3
	34	6	1.9	2.0	60.3
	35	4	1.3	1.3	61.6
	37	26	8.2	8.6	70.2
	38	6	1.9	2.0	72.2
	39	4	1.3	1.3	73.5
	41	3	.9	1.0	74.5
	42	10	3.2	3.3	77.8
	43	1	.3	.3	78.1
	45	5	1.6	1.7	79.8
	46	4	1.3	1.3	81.1
	48	4	1.3	1.3	82.5
	49	3	.9	1.0	83.4
	50	1	.3	.3	83.8
	51	5	1.6	1.7	85.4
	52	2	.6	.7	86.1
	53	2	.6	.7	86.8
	54	2	.6	.7	87.4
	55	2	.6	.7	88.1
	56	11	3.5	3.6	91.7
	57	10	3.2	3.3	95.0
	58	1	.3	.3	95.4
	59	5	1.6	1.7	97.0
	60	1	.3	.3	97.4
	63	1	.3	.3	97.7
	64	1	.3	.3	98.0
	67	3	.9	1.0	99.0
	68	1	.3	.3	99.3
	69	2	.6	.7	100.0
No favourite	77	3	.9	Missing	
Missing	99	12	3.8	Missing	
Total		317	100.0	100.0	
Valid cases	302	Missing cases	15		

Question 4. How many years in the last 10 years have you or your party hunted in your favourite hunting zone?

Mean	7.733	Median	9.000	Mode	10.000
Std dev	2.739	Variance	7.500	Minimum	1.000
Maximum	10.000				

Valid cases 311 Missing cases 6

Valid cases 311 Missing cases 6

Question 5. If for some reason you could not go hunting next year in your favourite zone, or if the season closed, what sorts of activities would you do instead?

5.a Fishing

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	129	40.7	41.2	41.2
Yes	1	184	58.0	58.8	100.0
Missing	9	4	1.3	Missing	
Total		317	100.0	100.0	

Valid cases 313 Missing cases 4

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	.3	.8	.8
	4	2	.6	1.5	2.3
	5	3	.9	2.3	4.6
	7	1	.3	.8	5.4
	11	1	.3	.8	6.2
	13	1	.3	.8	6.9
	15	1	.3	.8	7.7
	19	2	.6	1.5	9.2
	20	6	1.9	4.6	13.8
	21	8	2.5	6.2	20.0
	22	3	.9	2.3	22.3
	23	2	.6	1.5	23.8
	24	4	1.3	3.1	26.9
	34	1	.3	.8	27.7
	36	3	.9	2.3	30.0
	37	7	2.2	5.4	35.4
	38	3	.9	2.3	37.7
	42	2	.6	1.5	39.2
	43	5	1.6	3.8	43.1
	46	2	.6	1.5	44.6
	47	1	.3	.8	45.4
	53	4	1.3	3.1	48.5
	54	1	.3	.8	49.2
	55	5	1.6	3.8	53.1
	56	3	.9	2.3	55.4
	57	3	.9	2.3	57.7
	63	2	.6	1.5	59.2
	64	2	.6	1.5	60.8
	66	1	.3	.8	61.5
	67	1	.3	.8	62.3
	69	1	.3	.8	63.1
	70	2	.6	1.5	64.6
	71	2	.6	1.5	66.2
	72	2	.6	1.5	67.7
	73	2	.6	1.5	69.2
	74	2	.6	1.5	70.8
Zone, region unknown	80	1	.3	.8	71.5
NE Sask	86	1	.3	.8	72.3
Anywhere	88	15	4.7	11.5	83.8
Out of prov	93	5	1.6	3.8	87.7
South Sask	97	4	1.3	3.1	90.8
North Sask	98	12	3.8	9.2	100.0
Not Applicable	0	133	42.0	Missing	
Missing	99	54	17.0	Missing	
Total		317	100.0	100.0	

Valid cases 130 Missing cases 187

5.b Camping

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	228	71.9	72.8	72.8
Yes	1	85	26.8	27.2	100.0
Missing	9	4	1.3	Missing	
Total		317	100.0	100.0	

Valid cases 313 Missing cases 4

Where?					
Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	5	1	.3	1.7	1.7
	7	2	.6	3.4	5.1
	14	1	.3	1.7	6.8
	18	1	.3	1.7	8.5
	20	1	.3	1.7	10.2
	21	1	.3	1.7	11.9
	24	2	.6	3.4	15.3
	36	2	.6	3.4	18.6
	37	3	.9	5.1	23.7
	39	1	.3	1.7	25.4
	43	1	.3	1.7	27.1
	46	2	.6	3.4	30.5
	49	1	.3	1.7	32.2
	53	1	.3	1.7	33.9
	54	1	.3	1.7	35.6
	55	2	.6	3.4	39.0
	56	3	.9	5.1	44.1
	57	2	.6	3.4	47.5
	63	1	.3	1.7	49.2
	66	1	.3	1.7	50.8
	70	1	.3	1.7	52.5
	71	1	.3	1.7	54.2
	74	2	.6	3.4	57.6
NE Sask	86	1	.3	1.7	59.3
Anywhere	88	12	3.8	20.3	79.7
Out of prov	93	4	1.3	6.8	86.4
South Sask	97	2	.6	3.4	89.8
North Sask	98	6	1.9	10.2	100.0
Not Applicable	0	232	73.2	Missing	
Missing	99	26	8.2	Missing	
Total		317	100.0	100.0	
Valid cases	59	Missing cases	258		

5.c Wildlife viewing, Hiking, Photography

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	231	72.9	73.8	73.8
Yes	1	82	25.9	26.2	100.0
Missing	9	4	1.3	Missing	
Total		317	100.0	100.0	
Valid cases	313	Missing cases	4		

Where?					
Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	.3	1.7	1.7
	3	1	.3	1.7	3.3
	4	2	.6	3.3	6.7
	6	2	.6	3.3	10.0
	7	2	.6	3.3	13.3
	10	3	.9	5.0	18.3
	14	1	.3	1.7	20.0
	15	1	.3	1.7	21.7
	18	2	.6	3.3	25.0
	19	2	.6	3.3	28.3
	20	3	.9	5.0	33.3
	21	1	.3	1.7	35.0

5.e Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	278	87.7	88.8	88.8
Yes	1	35	11.0	11.2	100.0
Missing	9	4	1.3	Missing	
	Total	317	100.0	100.0	
Valid cases	313	Missing cases	4		

Other types of activities

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	1.3	11.8	11.8
	2	3	.9	8.8	20.6
	3	7	2.2	20.6	41.2
	4	2	.6	5.9	47.1
	5	3	.9	8.8	55.9
	6	2	.6	5.9	61.8
	11	3	.9	8.8	70.6
	13	5	1.6	14.7	85.3
	14	1	.3	2.9	88.2
	15	1	.3	2.9	91.2
	16	2	.6	5.9	97.1
	17	1	.3	2.9	100.0
Not Applicable	0	282	89.0	Missing	
Missing	99	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	34	Missing cases	283		

5.f Hunt elsewhere

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	66	20.8	21.1	21.1
Yes	1	247	77.9	78.9	100.0
Missing	9	4	1.3	Missing	
	Total	317	100.0	100.0	
Valid cases	313	Missing cases	4		

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	.6	.9	.9
	2	9	2.8	4.1	5.0
	3	2	.6	.9	5.9
	4	5	1.6	2.3	8.1
	5	3	.9	1.4	9.5
	6	2	.6	.9	10.4
	7	4	1.3	1.8	12.2
	9	6	1.9	2.7	14.9
	10	6	1.9	2.7	17.6
	13	5	1.6	2.3	19.8
	14	1	.3	.5	20.3
	15	2	.6	.9	21.2
	16	2	.6	.9	22.1

	17	1	.3	.5	22.5
	18	3	.9	1.4	23.9
	19	6	1.9	2.7	26.6
	20	6	1.9	2.7	29.3
	21	4	1.3	1.8	31.1
	22	5	1.6	2.3	33.3
	23	6	1.9	2.7	36.0
	24	1	.3	.5	36.5
	25	4	1.3	1.8	38.3
	27	2	.6	.9	39.2
	29	3	.9	1.4	40.5
	32	1	.3	.5	41.0
	33	5	1.6	2.3	43.2
	34	5	1.6	2.3	45.5
	35	4	1.3	1.8	47.3
	36	3	.9	1.4	48.6
	37	5	1.6	2.3	50.9
	38	1	.3	.5	51.4
	39	2	.6	.9	52.3
	40	1	.3	.5	52.7
	41	2	.6	.9	53.6
	42	3	.9	1.4	55.0
	43	2	.6	.9	55.9
	45	1	.3	.5	56.3
	46	2	.6	.9	57.2
	47	1	.3	.5	57.7
	48	5	1.6	2.3	59.9
	49	1	.3	.5	60.4
	50	1	.3	.5	60.8
	51	4	1.3	1.8	62.6
	52	1	.3	.5	63.1
	53	3	.9	1.4	64.4
	54	2	.6	.9	65.3
	56	15	4.7	6.8	72.1
	57	6	1.9	2.7	74.8
	58	1	.3	.5	75.2
	59	3	.9	1.4	76.6
	60	1	.3	.5	77.0
	62	1	.3	.5	77.5
	64	2	.6	.9	78.4
	66	2	.6	.9	79.3
	67	2	.6	.9	80.2
	68	1	.3	.5	80.6
SE Sask	83	2	.6	.9	81.5
SW Sask	84	1	.3	.5	82.0
Fringe Farmland	87	1	.3	.5	82.4
Anywhere	88	18	5.7	8.1	90.5
Out of prov	93	5	1.6	2.3	92.8
West Sask	95	1	.3	.5	93.2
South Sask	97	6	1.9	2.7	95.9
North Sask	98	9	2.8	4.1	100.0
Not Applicable	0	70	22.1	Missing	
Missing	99	25	7.9	Missing	
		Total	317	100.0	100.0

Valid cases 222 Missing cases 95

Question 6. How many hunting trips (for any species) did you take in Saskatchewan in the 1992 season?

Mean	5.857	Median	3.000	Mode	2.000
Std dev	8.707	Variance	75.816		

Valid cases 307 Missing cases 10

Moose Hunters

Question 2. While hunting on your typical hunting trip did you?

2.a Use a 2-wheel drive vehicle

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	109	38.2	38.4	38.4
Yes	1	175	61.4	61.6	100.0
Missing	9	1	.4	Missing	
		-----	-----	-----	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

2.b Use a 4-wheel drive vehicle

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	168	58.9	59.2	59.2
Yes	1	116	40.7	40.8	100.0
Missing	9	1	.4	Missing	
		-----	-----	-----	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

2.c Use a trail bike or ATV

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	115	40.4	40.5	40.5
Yes	1	169	59.3	59.5	100.0
Missing	9	1	.4	Missing	
		-----	-----	-----	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

2.d Use a snowmobile

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	175	61.4	61.6	61.6
Yes	1	109	38.2	38.4	100.0
Missing	9	1	.4	Missing	
		-----	-----	-----	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

2.e Use horses

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	281	98.6	98.9	98.9
Yes	1	3	1.1	1.1	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

2.f Use a boat

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	230	80.7	81.0	81.0
Yes	1	54	18.9	19.0	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

2.g Hike or backpack

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	167	58.6	58.8	58.8
Yes	1	117	41.1	41.2	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

Question 3. What is your favourite hunting zone?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.4	.4	.4
	2	1	.4	.4	.7
	7	1	.4	.4	1.1
	11	1	.4	.4	1.5
	12	1	.4	.4	1.8
	23	1	.4	.4	2.2
	42	1	.4	.4	2.5
	43	2	.7	.7	3.3
	48	12	4.2	4.4	7.6
	49	14	4.9	5.1	12.7
	50	1	.4	.4	13.1
	51	1	.4	.4	13.5
	53	3	1.1	1.1	14.5
	54	3	1.1	1.1	15.6
	55	3	1.1	1.1	16.7
	56	57	20.0	20.7	37.5
	57	27	9.5	9.8	47.3
	58	7	2.5	2.5	49.8
	59	46	16.1	16.7	66.5
	60	9	3.2	3.3	69.8
	61	6	2.1	2.2	72.0
	62	5	1.8	1.8	73.8

	63	4	1.4	1.5	75.3
	64	3	1.1	1.1	76.4
	65	3	1.1	1.1	77.5
	66	8	2.8	2.9	80.4
	67	16	5.6	5.8	86.2
	68	2	.7	.7	86.9
	69	2	.7	.7	87.6
	70	13	4.6	4.7	92.4
	71	3	1.1	1.1	93.5
	72	7	2.5	2.5	96.0
	73	1	.4	.4	96.4
	74	6	2.1	2.2	98.5
	75	1	.4	.4	98.9
	76	2	.7	.7	99.6
	98	1	.4	.4	100.0
No favourite	77	2	.7	Missing	
Missing	99	8	2.8	Missing	
	Total	285	100.0	100.0	
Valid cases	275	Missing cases	10		

Question 4. How many years in the last 10 years have you or your party hunted in your favourite hunting zone?

Mean	7.211	Median	9.000	Mode	10.000
Std dev	3.139	Variance	9.856	Minimum	.000
Maximum	10.000				
Valid cases	284	Missing cases	1		

Question 5. If for some reason you could not go hunting next year in your favourite zone, or if the season closed, what sorts of activities would you do instead?

5.a Fishing

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	120	42.1	43.0	43.0
Yes	1	159	55.8	57.0	100.0
Missing	9	6	2.1	Missing	
	Total	285	100.0	100.0	
Valid cases	279	Missing cases	6		

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	35	1	.4	.9	.9
	36	3	1.1	2.8	3.7
	37	1	.4	.9	4.6
	39	4	1.4	3.7	8.3
	42	1	.4	.9	9.3
	43	2	.7	1.9	11.1
	47	1	.4	.9	12.0
	53	1	.4	.9	13.0
	54	5	1.8	4.6	17.6
	55	3	1.1	2.8	20.4
	56	11	3.9	10.2	30.6
	57	3	1.1	2.8	33.3
	60	1	.4	.9	34.3
	61	2	.7	1.9	36.1
	63	1	.4	.9	37.0
	64	1	.4	.9	38.0
	66	3	1.1	2.8	40.7
	67	2	.7	1.9	42.6

	69	2	.7	1.9	44.4
	70	7	2.5	6.5	50.9
	71	9	3.2	8.3	59.3
	72	11	3.9	10.2	69.4
	73	3	1.1	2.8	72.2
	74	4	1.4	3.7	75.9
	76	2	.7	1.9	77.8
Zone, region unknown	80	1	.4	.9	78.7
Anywhere	88	5	1.8	4.6	83.3
Out of prov	93	4	1.4	3.7	87.0
Central Sask	94	3	1.1	2.8	89.8
South Sask	97	1	.4	.9	90.7
North Sask	98	10	3.5	9.3	100.0
Not Applicable	0	126	44.2	Missing	
Missing	99	51	17.9	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 108 Missing cases 177

5.b Camping

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	192	67.4	68.8	68.8
Yes	1	87	30.5	31.2	100.0
Missing	9	6	2.1	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 279 Missing cases 6

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	34	1	.4	1.6	1.6
	43	1	.4	1.6	3.3
	50	1	.4	1.6	4.9
	55	2	.7	3.3	8.2
	56	8	2.8	13.1	21.3
	57	3	1.1	4.9	26.2
	58	2	.7	3.3	29.5
	59	2	.7	3.3	32.8
	60	2	.7	3.3	36.1
	61	1	.4	1.6	37.7
	64	1	.4	1.6	39.3
	66	1	.4	1.6	41.0
	67	2	.7	3.3	44.3
	68	1	.4	1.6	45.9
	69	1	.4	1.6	47.5
	70	3	1.1	4.9	52.5
	71	3	1.1	4.9	57.4
	72	4	1.4	6.6	63.9
	73	1	.4	1.6	65.6
	74	2	.7	3.3	68.9
	76	1	.4	1.6	70.5
Zone, region unknown	80	1	.4	1.6	72.1
Anywhere	88	5	1.8	8.2	80.3
Out of prov	93	2	.7	3.3	83.6
Central Sask	94	2	.7	3.3	86.9
North Sask	98	8	2.8	13.1	100.0
Not Applicable	0	197	69.1	Missing	
Missing	99	27	9.5	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 61 Missing cases 224

5.c Wildlife viewing, Hiking, Photography

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	213	74.7	76.3	76.3
Yes	1	66	23.2	23.7	100.0
Missing	9	6	2.1	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	
Valid cases	279	Missing cases	6		

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	.4	2.5	2.5
	7	1	.4	2.5	5.0
	13	1	.4	2.5	7.5
	14	1	.4	2.5	10.0
	33	1	.4	2.5	12.5
	42	2	.7	5.0	17.5
	48	1	.4	2.5	20.0
	49	1	.4	2.5	22.5
	50	1	.4	2.5	25.0
	56	8	2.8	20.0	45.0
	57	2	.7	5.0	50.0
	59	2	.7	5.0	55.0
	62	1	.4	2.5	57.5
	66	1	.4	2.5	60.0
	67	3	1.1	7.5	67.5
	70	2	.7	5.0	72.5
	74	1	.4	2.5	75.0
	76	1	.4	2.5	77.5
Anywhere	88	4	1.4	10.0	87.5
Out of prov	93	1	.4	2.5	90.0
Central Sask	94	1	.4	2.5	92.5
North Sask	98	3	1.1	7.5	100.0
Not Applicable	0	219	76.8	Missing	
Missing	99	26	9.1	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	
Valid cases	40	Missing cases	245		

5.d Indoor sports, Attend professional sporting events

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	259	90.9	92.8	92.8
Yes	1	20	7.0	7.2	100.0
Missing	9	6	2.1	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	
Valid cases	279	Missing cases	6		

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.4	10.0	10.0
	20	1	.4	10.0	20.0
	30	3	1.1	30.0	50.0
	43	1	.4	10.0	60.0
	57	1	.4	10.0	70.0
	58	1	.4	10.0	80.0
Anywhere	88	1	.4	10.0	90.0
Out of prov	93	1	.4	10.0	100.0
Not Applicable	0	265	93.0	Missing	
Missing	99	10	3.5	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 10 Missing cases 275

5.e Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	245	86.0	87.8	87.8
Yes	1	34	11.9	12.2	100.0
Missing	9	6	2.1	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 279 Missing cases 6

Other types of activities

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	1.1	8.8	8.8
	2	9	3.2	26.5	35.3
	3	3	1.1	8.8	44.1
	4	1	.4	2.9	47.1
	5	2	.7	5.9	52.9
	6	7	2.5	20.6	73.5
	7	2	.7	5.9	79.4
	8	2	.7	5.9	85.3
	10	1	.4	2.9	88.2
	11	1	.4	2.9	91.2
	12	1	.4	2.9	94.1
	18	1	.4	2.9	97.1
	20	1	.4	2.9	100.0
Not Applicable	0	251	88.1	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 34 Missing cases 251

5.f Hunt elsewhere

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	76	26.7	27.2	27.2
Yes	1	203	71.2	72.8	100.0
Missing	9	6	2.1	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 279 Missing cases 6

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	.7	1.2	1.2
	4	1	.4	.6	1.8
	5	1	.4	.6	2.3
	6	1	.4	.6	2.9
	7	1	.4	.6	3.5
	10	1	.4	.6	4.1
	13	1	.4	.6	4.7
	14	1	.4	.6	5.3
	20	1	.4	.6	5.8
	21	1	.4	.6	6.4
	23	1	.4	.6	7.0
	35	1	.4	.6	7.6
	37	2	.7	1.2	8.8
	42	1	.4	.6	9.4
	43	5	1.8	2.9	12.3
	47	1	.4	.6	12.9
	48	9	3.2	5.3	18.1
	49	10	3.5	5.8	24.0
	50	3	1.1	1.8	25.7
	52	1	.4	.6	26.3
	54	1	.4	.6	26.9
	55	4	1.4	2.3	29.2
	56	16	5.6	9.4	38.6
	57	17	6.0	9.9	48.5
	58	12	4.2	7.0	55.6
	59	16	5.6	9.4	64.9
	60	7	2.5	4.1	69.0
	61	6	2.1	3.5	72.5
	62	4	1.4	2.3	74.9
	63	4	1.4	2.3	77.2
	64	2	.7	1.2	78.4
	65	1	.4	.6	78.9
	66	3	1.1	1.8	80.7
	67	2	.7	1.2	81.9
	68	4	1.4	2.3	84.2
	69	1	.4	.6	84.8
	70	1	.4	.6	85.4
	71	1	.4	.6	86.0
	72	3	1.1	1.8	87.7
	74	1	.4	.6	88.3
Anywhere	88	8	2.8	4.7	93.0
Out of prov	93	5	1.8	2.9	95.9
Central Sask	94	1	.4	.6	96.5
West Sask	95	1	.4	.6	97.1
North Sask	98	5	1.8	2.9	100.0
Not Applicable	0	82	28.8	Missing	
Missing	99	32	11.2	Missing	
Total		285	100.0	100.0	

Valid cases 171 Missing cases 114

Question 6. How many hunting trips (for any species) did you take in Saskatchewan in the 1992 season?

Mean	4.109	Median	3.000	Mode	2.000
Std dev	5.016	Variance	25.156		

Valid cases 275 Missing cases 10

Whitetail Deer Hunters

Question 8. Please indicate the amount of money spent on all hunting trips during 1992, excluding licence fees.

8.1 Transportation (incl. oil, gas, airfare, bus, etc.)

Mean	209.190	Median	150.000	Mode	100.000
Std dev	203.452	Variance	41392.627	Minimum	.000
Maximum	1300.000				

Valid cases	310	Missing cases	7
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8.2 Accommodation (hotels, campsite fees, etc.)

Mean	27.717	Median	.000	Mode	.000
Std dev	53.953	Variance	2910.978	Minimum	.000
Maximum	250.000				

Valid cases	311	Missing cases	6
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8.3 Restaurant meals

Mean	50.836	Median	10.000	Mode	.000
Std dev	341.386	Variance	116544.221	Minimum	.000
Maximum	6000.000				

Valid cases	311	Missing cases	6
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8.4 Other food (including alcohol)

Mean	70.652	Median	32.500	Mode	.000
Std dev	116.210	Variance	13504.700	Minimum	.000
Maximum	1400.000				

Valid cases	310	Missing cases	7
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8.5 Rentals and Repairs (including towing)

Mean	16.666	Median	.000	Mode	.000
Std dev	84.073	Variance	7068.256	Minimum	.000
Maximum	875.000				

Valid cases	311	Missing cases	6
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8.6 Equipment purchased specifically for the trip (i.e. boots, ammunition, etc.)

Mean	122.329	Median	40.000	Mode	.000
Std dev	271.208	Variance	73553.723	Minimum	.000
Maximum	2000.000				

Valid cases	310	Missing cases	7
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8.7 Other

Mean	14.868	Median	.000	Mode	.000
Std dev	100.837	Variance	10168.192	Minimum	.000
Maximum	1200.000				

Valid cases 311 Missing cases 6

Types of other expenditures

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	5	1.6	33.3	33.3
	4	1	.3	6.7	40.0
	6	1	.3	6.7	46.7
	7	1	.3	6.7	53.3
Total Expenditures	9	2	.6	13.3	66.7
	11	1	.3	6.7	73.3
	12	3	.9	20.0	93.3
	18	1	.3	6.7	100.0
Not applicable	0	299	94.3	Missing	
Missing	99	3	.9	Missing	
	Total	317	100.0	100.0	

Valid cases 15 Missing cases 302

Total Expenditures

Mean	546.082	Median	400.000	Mode	400.000
Std dev	641.756	Variance	411851.400	Minimum	5.000
Maximum	6438.000				

Valid cases 291 Missing cases 26

Question 9. If you made any major purchases (trucks, ATVs, cabins) for hunting in Saskatchewan (in 1992), that are used in whole or in part for hunting in Saskatchewan, please list the item, the purchase price and the extent to which this item is used for hunting in Saskatchewan.

9.1 Item 1

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	26	8.2	52.0	52.0
	2	14	4.4	28.0	80.0
	3	1	.3	2.0	82.0
	5	1	.3	2.0	84.0
	8	3	.9	6.0	90.0
	14	2	.6	4.0	94.0
	15	2	.6	4.0	98.0
	16	1	.3	2.0	100.0
Not applicable	0	263	83.0	Missing	
Protest	88	1	.3	Missing	
Missing	99	3	.9	Missing	
	Total	317	100.0	100.0	

Valid cases 50 Missing cases 267

Purchase Price of Item 1

Mean	6617.680	Median	3750.000	Mode	1500.000
Std dev	7667.584	Variance	58791838.9	Minimum	80.000
Maximum	30000.000				

* Multiple modes exist. The smallest value is shown.

Valid cases	50	Missing cases	267
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Percentage of time Item 1 is used for hunting in Saskatchewan

Mean	39.510	Median	22.500	Mode	10.000
Std dev	37.075	Variance	1374.569		

Valid cases	48	Missing cases	269
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9.2 Item 2

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.3	14.3	14.3
	2	4	1.3	57.1	71.4
	5	1	.3	14.3	85.7
	13	1	.3	14.3	100.0
Not Applicable	0	306	96.5	Missing	
Protest	88	1	.3	Missing	
Missing	99	3	.9	Missing	
	Total	317	100.0	100.0	

Valid cases	7	Missing cases	310
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Purchase Price of Item 2

Mean	2024.286	Median	800.000	Mode	350.000
Std dev	2742.103	Variance	7519128.57	Minimum	350.000
Maximum	8000.000				

* Multiple modes exist. The smallest value is shown.

Valid cases	7	Missing cases	310
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Percentage of time Item 2 is used for hunting in Saskatchewan

Mean	47.571	Median	30.000	Mode	10.000
Std dev	44.098	Variance	1944.619		

* Multiple modes exist. The smallest value is shown.

Valid cases	7	Missing cases	310
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9.3 Item 3

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	11	1	.3	100.0	100.0
Not Applicable	0	312	98.4	Missing	
Protest	88	1	.3	Missing	
Missing	99	3	.9	Missing	
		-----	-----	-----	
	Total	317	100.0	100.0	

Valid cases 1 Missing cases 316

Purchase Price of Item 3

Mean	1000.000	Mode	1000.000	Minimum	1000.000
Maximum	1000.000				

Valid cases 1 Missing cases 316

Percentage of time Item 3 is used for hunting in Saskatchewan

Mean	100.000	Mode	100.000
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Valid cases 1 Missing cases 316

Moose Hunters

Question 8. Please indicate the amount of money spent on all hunting trips during 1992, excluding licence fees.

8.1 Transportation (incl. oil, gas, airfare, bus, etc.)

Mean	214.509	Median	150.000	Mode	200.000
Std dev	281.159	Variance	79050.214	Minimum	.000
Maximum	3500.000				

Valid cases	278	Missing cases	7
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8.2 Accommodation (hotels, campsite fees, etc.)

Mean	29.489	Median	.000	Mode	.000
Std dev	90.947	Variance	8271.279	Minimum	.000
Maximum	1200.000				

Valid cases	279	Missing cases	6
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8.3 Restaurant meals

Mean	25.853	Median	.000	Mode	.000
Std dev	52.238	Variance	2728.769	Minimum	.000
Maximum	500.000				

Valid cases	278	Missing cases	7
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8.4 Other food (including alcohol)

Mean	111.821	Median	75.000	Mode	.000
Std dev	128.980	Variance	16635.910	Minimum	.000
Maximum	800.000				

Valid cases	279	Missing cases	6
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8.5 Rentals and Repairs (including towing)

Mean	22.269	Median	.000	Mode	.000
Std dev	67.146	Variance	4508.571	Minimum	.000
Maximum	600.000				

Valid cases	279	Missing cases	6
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8.6 Equipment purchased specifically for the trip (i.e. boots, ammunition, etc.)

Mean	184.151	Median	40.000	Mode	.000
Std dev	1215.034	Variance	1476308.00	Minimum	.000
Maximum	20000.000				

Valid cases	279	Missing cases	6
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8.7 Other

Mean	14.394	Median	.000	Mode	.000
Std dev	81.211	Variance	6595.247	Minimum	.000
Maximum	1000.000				

Valid cases 279 Missing cases 6

Types of other expenditures

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.4	5.6	5.6
	3	5	1.8	27.8	33.3
	4	3	1.1	16.7	50.0
	5	4	1.4	22.2	72.2
	8	1	.4	5.6	77.8
Total Expenditures	9	2	.7	11.1	88.9
	12	2	.7	11.1	100.0
Not applicable	0	262	91.9	Missing	
Missing	99	5	1.8	Missing	
	Total	285	100.0	100.0	

Valid cases 18 Missing cases 267

Total Expenditures

Mean	658.247	Median	450.000	Mode	300.000
Std dev	1435.397	Variance	2060365.37	Minimum	10.000
Maximum	21700.000				

Valid cases 255 Missing cases 30

Question 9. If you made any major purchases (trucks, ATVs, cabins) for hunting in Saskatchewan (in 1992), that are used in whole or in part for hunting in Saskatchewan, please list the item, the purchase price and the extent to which this item is used for hunting in Saskatchewan.

9.1 Item 1

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	12	4.2	21.8	21.8
	2	25	8.8	45.5	67.3
	5	4	1.4	7.3	74.5
	6	3	1.1	5.5	80.0
	7	1	.4	1.8	81.8
	8	1	.4	1.8	83.6
	9	2	.7	3.6	87.3
	10	1	.4	1.8	89.1
	11	3	1.1	5.5	94.5
	14	1	.4	1.8	96.4
	19	1	.4	1.8	98.2
	25	1	.4	1.8	100.0
Not applicable	0	227	79.6	Missing	
Missing	99	3	1.1	Missing	
	Total	285	100.0	100.0	

Valid cases 55 Missing cases 230

Purchase Price of Item 1

Mean	6307.509	Median	4500.000	Mode	5000.000
Std dev	7879.013	Variance	62078850.0	Minimum	100.000
Maximum	35000.000				

Valid cases 55 Missing cases 230

Percentage of time Item 1 is used for hunting in Saskatchewan

Mean	48.647	Median	40.000	Mode	100.000
Std dev	38.327	Variance	1468.953		

Valid cases 51 Missing cases 234

9.2 Item 2

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	1.1	21.4	21.4
	2	5	1.8	35.7	57.1
	5	1	.4	7.1	64.3
	6	2	.7	14.3	78.6
	7	1	.4	7.1	85.7
	13	1	.4	7.1	92.9
	15	1	.4	7.1	100.0
Not Applicable	0	268	94.0	Missing	
Missing	99	3	1.1	Missing	
	Total	285	100.0	100.0	

Valid cases 14 Missing cases 271

Purchase Price of Item 2

Mean	5650.000	Median	2400.000	Mode	400.000
Std dev	8244.723	Variance	67975454.5	Minimum	300.000
Maximum	28000.000				

Valid cases 12 Missing cases 273

Percentage of time Item 2 is used for hunting in Saskatchewan

Mean	62.833	Median	62.500	Mode	100.000
Std dev	37.646	Variance	1417.242		

Valid cases 12 Missing cases 273

9.3 Item 3

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	.4	16.7	16.7
	7	2	.7	33.3	50.0
	8	1	.4	16.7	66.7
	9	1	.4	16.7	83.3
	13	1	.4	16.7	100.0
Not Applicable	0	276	96.8	Missing	
Missing	99	3	1.1	Missing	
	Total	285	100.0	100.0	

Valid cases 6 Missing cases 279

Purchase Price of Item 3

Mean	2095.833	Median	1062.500	Mode	5000.000
Std dev	2328.219	Variance	5420604.17	Minimum	150.000
Maximum	5000.000				

Valid cases 6 Missing cases 279

Percentage of time Item 3 is used for hunting in Saskatchewan

Mean	58.250	Median	65.000	Mode	3.000
Std dev	42.177	Variance	1778.917		

* Multiple modes exist. The smallest value is shown.

Valid cases 4 Missing cases 281

Whitetail Deer Hunters

Question 10. Which Saskatchewan licences did you hold, or are you planning on buying for 1992?

10.a Upland Game Bird

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	123	38.8	38.9	38.9
Yes	1	193	60.9	61.1	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.b Waterfowl

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	155	48.9	49.1	49.1
Yes	1	161	50.8	50.9	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.c Angling Licence

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	102	32.2	32.3	32.3
Yes	1	214	67.5	67.7	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.d Antelope

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	211	66.6	66.8	66.8
Yes	1	105	33.1	33.2	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.e Mule Deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	185	58.4	58.5	58.5
Yes	1	131	41.3	41.5	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.f Whitetail Deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	23	7.3	7.3	7.3
Yes	1	293	92.4	92.7	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.g Bear

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	296	93.4	93.7	93.7
Yes	1	20	6.3	6.3	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.h Elk

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	271	85.5	85.8	85.8
Yes	1	45	14.2	14.2	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.i Draw Elk

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	291	91.8	92.1	92.1
Yes	1	25	7.9	7.9	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.j Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	251	79.2	79.4	79.4
Yes	1	65	20.5	20.6	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.k Draw Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	299	94.3	94.6	94.6
Yes	1	17	5.4	5.4	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

10.l Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	301	95.0	95.3	95.3
Yes	1	15	4.7	4.7	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

Type of other licence

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Fur/Trapping	13	8	2.5	57.1	57.1
Youth game licence	19	1	.3	7.1	64.3
Non-trophy antelope	41	1	.3	7.1	71.4
Non-trophy Whitetail	51	4	1.3	28.6	100.0
Not Applicable	0	301	95.0	Missing	
Missing	9	2	.6	Missing	
	Total	317	100.0	100.0	
Valid cases	14	Missing cases	303		

Moose Hunters

Question 10. Which Saskatchewan licences did you hold, or are you planning on buying for 1992?

10.a Upland Game Bird

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	170	59.6	59.9	59.9
Yes	1	113	39.6	39.8	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.b Waterfowl

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	206	72.3	72.5	72.5
Yes	1	77	27.0	27.1	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.c Angling Licence

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	108	37.9	38.0	38.0
Yes	1	175	61.4	61.6	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.d Antelope

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	244	85.6	85.9	85.9
Yes	1	39	13.7	13.7	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.e Mule Deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	219	76.8	77.1	77.1
Yes	1	64	22.5	22.5	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.f Whitetail Deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	86	30.2	30.3	30.3
Yes	1	197	69.1	69.4	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.g Bear

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	253	88.8	89.1	89.1
Yes	1	30	10.5	10.6	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.h Elk

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	200	70.2	70.4	70.4
Yes	1	83	29.1	29.2	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
Total		285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.i Draw Elk

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	244	85.6	85.9	85.9
Yes	1	39	13.7	13.7	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.j Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	93	32.6	32.7	32.7
Yes	1	190	66.7	66.9	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.k Draw Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	240	84.2	84.5	84.5
Yes	1	43	15.1	15.1	99.6
Treaty Indian	7	1	.4	.4	100.0
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	284	Missing cases	1		

10.l Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	265	93.0	93.3	93.3
Yes	1	19	6.7	6.7	100.0
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	284	Missing cases	1		

Type of other licence

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Fur / Trapping	13	17	6.0	89.5	89.5
Caribou	17	1	.4	5.3	94.7
Non-trophy Whitetail	51	1	.4	5.3	100.0
Not Applicable	0	265	93.0	Missing	
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	

Valid cases 19 Missing cases 266

Whitetail Deer Hunters

Question 11. Did you hunt in any part of Northwestern Saskatchewan this season?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	309	97.5	97.8	97.8
Yes	1	7	2.2	2.2	100.0
Missing	9	1	.3	Missing	
Total		317	100.0	100.0	
Valid cases	316	Missing cases	1		

Question 12. Why did you not go hunting in this area this season?

12.a It was too far or too expensive to travel that far

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	149	47.0	48.9	48.9
Yes	1	156	49.2	51.1	100.0
Not Applicable	7	7	2.2	Missing	
Missing	9	5	1.6	Missing	
Total		317	100.0	100.0	
Valid cases	305	Missing cases	12		

12.b I did not harvest any deer there last year

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	294	92.7	96.4	96.4
Yes	1	11	3.5	3.6	100.0
Not Applicable	7	7	2.2	Missing	
Missing	9	5	1.6	Missing	
Total		317	100.0	100.0	
Valid cases	305	Missing cases	12		

12.c I am unfamiliar with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	132	41.6	43.3	43.3
Yes	1	173	54.6	56.7	100.0
Not Applicable	7	7	2.2	Missing	
Missing	9	5	1.6	Missing	
Total		317	100.0	100.0	
Valid cases	305	Missing cases	12		

12.d I have other favourite hunting areas

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	82	25.9	26.9	26.9
Yes	1	223	70.3	73.1	100.0
Not Applicable	7	7	2.2	Missing	
Missing	9	5	1.6	Missing	
	Total	317	100.0	100.0	
Valid cases	305	Missing cases	12		

12.e I was unsuccessful in the draw for Moose for that region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	297	93.7	97.4	97.4
Yes	1	8	2.5	2.6	100.0
Not Applicable	7	7	2.2	Missing	
Missing	9	5	1.6	Missing	
	Total	317	100.0	100.0	
Mean	.026	Median	.000	Mode	.000
Std dev	.160	Variance	.026		
Valid cases	305	Missing cases	12		

12.f Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	249	78.5	81.6	81.6
Yes	1	56	17.7	18.4	100.0
Not Applicable	7	7	2.2	Missing	
Missing	9	5	1.6	Missing	
	Total	317	100.0	100.0	
Valid cases	305	Missing cases	12		

Other reasons

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	3	.9	4.8	4.8
	4	8	2.5	12.9	17.7
	6	1	.3	1.6	19.4
	7	9	2.8	14.5	33.9
	8	2	.6	3.2	37.1
	9	3	.9	4.8	41.9
	12	3	.9	4.8	46.8
	14	3	.9	4.8	51.6
	15	5	1.6	8.1	59.7
	16	1	.3	1.6	61.3
	17	1	.3	1.6	62.9
	18	4	1.3	6.5	69.4
	19	4	1.3	6.5	75.8
	20	1	.3	1.6	77.4

	21	2	.6	3.2	80.6
	22	1	.3	1.6	82.3
	23	3	.9	4.8	87.1
	24	3	.9	4.8	91.9
	25	1	.3	1.6	93.5
	26	1	.3	1.6	95.2
	27	1	.3	1.6	96.8
	28	1	.3	1.6	98.4
	38	1	.3	1.6	100.0
Not Applicable	0	255	80.4	Missing	
	Total	317	100.0	100.0	
Valid cases	62	Missing cases	255		

Question 15. Why do you hunt in Northwestern Saskatchewan?

15.a Familiar with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	1	.3	14.3	14.3
Yes	1	6	1.9	85.7	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.b Access with region (highway network, logging roads)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	3	.9	42.9	42.9
Yes	1	4	1.3	57.1	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.c Good chance of harvesting an animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	2	.6	28.6	28.6
Yes	1	5	1.6	71.4	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.d Good chance of harvesting a trophy animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	6	1.9	85.7	85.7
Yes	1	1	.3	14.3	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.e Moose draw or other big game animals

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	4	1.3	57.1	57.1
Yes	1	3	.9	42.9	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.f Lack of commercial development

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	4	1.3	57.1	57.1
Yes	1	3	.9	42.9	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.g Nice area to set up a hunting camp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	5	1.6	71.4	71.4
Yes	1	2	.6	28.6	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.h Close to Meadow Lake Provincial Park

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	5	1.6	71.4	71.4
Yes	1	2	.6	28.6	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.i Own land or a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	4	1.3	57.1	57.1
Yes	1	3	.9	42.9	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.j Know someone who owns land or has a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	4	1.3	57.1	57.1
Yes	1	3	.9	42.9	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.k Privacy from other hunters

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	5	1.6	71.4	71.4
Yes	1	2	.6	28.6	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.l It's close to my home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	4	1.3	57.1	57.1
Yes	1	3	.9	42.9	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

15.m Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	7	2.2	100.0	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	7	Missing cases	310		

Other reasons

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Applicable	0	317	100.0	Missing	
	Total	317	100.0	100.0	
Valid cases	0	Missing cases	317		

Moose Hunters

Question 11. Did you hunt in any part of Northwestern Saskatchewan this season?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	262	91.9	91.9	91.9
Yes	1	23	8.1	8.1	100.0
Total		285	100.0	100.0	
Valid cases	285	Missing cases	0		

Question 12. Why did you not go hunting in this area this season?

12.a It was too far or too expensive to travel that far

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	159	55.8	61.4	61.4
Yes	1	100	35.1	38.6	100.0
Not Applicable	7	23	8.1	Missing	
Missing	9	3	1.1	Missing	
Total		285	100.0	100.0	
Valid cases	259	Missing cases	26		

12.b I did not harvest any Moose there last year

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	248	87.0	95.8	95.8
Yes	1	11	3.9	4.2	100.0
Not Applicable	7	23	8.1	Missing	
Missing	9	3	1.1	Missing	
Total		285	100.0	100.0	
Valid cases	259	Missing cases	26		

12.c I am unfamiliar with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	119	41.8	45.9	45.9
Yes	1	140	49.1	54.1	100.0
Not Applicable	7	23	8.1	Missing	
Missing	9	3	1.1	Missing	
Total		285	100.0	100.0	
Valid cases	259	Missing cases	26		

12.d I have other favourite hunting areas

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	56	19.6	21.6	21.6
Yes	1	203	71.2	78.4	100.0
Not Applicable	7	23	8.1	Missing	
Missing	9	3	1.1	Missing	
	Total	285	100.0	100.0	
Valid cases	259	Missing cases	26		

12.e I was unsuccessful in the draw for Moose for that region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	254	89.1	98.1	98.1
Yes	1	5	1.8	1.9	100.0
Not Applicable	7	23	8.1	Missing	
Missing	9	3	1.1	Missing	
	Total	285	100.0	100.0	
Valid cases	259	Missing cases	26		

12.f Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	216	75.8	83.4	83.4
Yes	1	43	15.1	16.6	100.0
Not Applicable	7	23	8.1	Missing	
Missing	9	3	1.1	Missing	
	Total	285	100.0	100.0	
Valid cases	259	Missing cases	26		

Other reasons

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	.7	3.6	3.6
	2	1	.4	1.8	5.5
	3	1	.4	1.8	7.3
	4	2	.7	3.6	10.9
	6	5	1.8	9.1	20.0
	7	23	8.1	41.8	61.8
	8	5	1.8	9.1	70.9
	9	3	1.1	5.5	76.4
	10	2	.7	3.6	80.0
	11	3	1.1	5.5	85.5
	13	1	.4	1.8	87.3
	14	1	.4	1.8	89.1
	15	2	.7	3.6	92.7
	23	2	.7	3.6	96.4
	33	1	.4	1.8	98.2
	66	1	.4	1.8	100.0
Not Applicable	0	230	80.7	Missing	
	Total	285	100.0	100.0	

Valid cases 55 Missing cases 230

Question 15. Why do you hunt in Northwestern Saskatchewan?

15.a Familiar with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	2	.7	9.1	9.1
Yes	1	20	7.0	90.9	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
		-----	-----		
	Total	285	100.0	100.0	

Valid cases 22 Missing cases 263

15.b Access with region (highway network, logging roads)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	9	3.2	40.9	40.9
Yes	1	13	4.6	59.1	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
		-----	-----		
	Total	285	100.0	100.0	

Valid cases 22 Missing cases 263

15.c Good chance of harvesting an animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	6	2.1	27.3	27.3
Yes	1	16	5.6	72.7	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
		-----	-----		
	Total	285	100.0	100.0	

Valid cases 22 Missing cases 263

15.d Good chance of harvesting a trophy animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	21	7.4	95.5	95.5
Yes	1	1	.4	4.5	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
		-----	-----		
	Total	285	100.0	100.0	

Valid cases 22 Missing cases 263

15.e Moose draw or other big game animals

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	13	4.6	59.1	59.1
Yes	1	9	3.2	40.9	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	22	Missing cases	263		

15.f Lack of commercial development

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	15	5.3	68.2	68.2
Yes	1	7	2.5	31.8	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	22	Missing cases	263		

15.g Nice area to set up a hunting camp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	15	5.3	68.2	68.2
Yes	1	7	2.5	31.8	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	22	Missing cases	263		

15.h Close to Meadow Lake Provincial Park

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	22	7.7	100.0	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	22	Missing cases	263		

15.i Own land or a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	16	5.6	72.7	72.7
Yes	1	6	2.1	27.3	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 22 Missing cases 263

15.j Know someone who owns land or has a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	18	6.3	81.8	81.8
Yes	1	4	1.4	18.2	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 22 Missing cases 263

15.k Privacy from other hunters

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	15	5.3	68.2	68.2
Yes	1	7	2.5	31.8	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 22 Missing cases 263

15.l It's close to my home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	11	3.9	50.0	50.0
Yes	1	11	3.9	50.0	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	

Valid cases 22 Missing cases 263

15.m Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	20	7.0	90.9	90.9
Yes	1	2	.7	9.1	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Valid cases	22	Missing cases	263		

Other reasons

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.4	50.0	50.0
	2	1	.4	50.0	100.0
Not Applicable	0	283	99.3	Missing	
	Total	285	100.0	100.0	
Valid cases	2	Missing cases	283		

Whitetail Deer Hunters

Question 13. How many hunting trips to Northwestern Saskatchewan did you make in 1992?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	1.3	66.7	66.7
	2	1	.3	16.7	83.3
	5	1	.3	16.7	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	2	.6	Missing	
	Total	317	100.0	100.0	
Mean	1.833	Median	1.000	Mode	1.000
Std dev	1.602	Variance	2.567		
Valid cases	6	Missing cases	311		

Question 14. How many trips did you make to Meadow Lake Provincial Park in 1992?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	4	1.3	57.1	57.1
	5	1	.3	14.3	71.4
	10	1	.3	14.3	85.7
	12	1	.3	14.3	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Mean	3.857	Median	.000	Mode	.000
Std dev	5.242	Variance	27.476		
Valid cases	7	Missing cases	310		

Question 16. Approximately what percentage of your total hunting expenditures (from question 7) occurred on hunting trips to the shaded area on the map?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	5	1	.3	14.3	14.3
	50	3	.9	42.9	57.1
	100	3	.9	42.9	100.0
Not Applicable	777	309	97.5	Missing	
Missing	999	1	.3	Missing	
	Total	317	100.0	100.0	
Mean	65.000	Median	50.000	Mode	50.000
Std dev	36.401	Variance	1325.000		

* Multiple modes exist. The smallest value is shown.

Valid cases 7 Missing cases 310

Question 17. During your hunting trips to the shaded area of the map what other activities did you participate in?

17.a Fished

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	3	.9	50.0	50.0
Yes	1	3	.9	50.0	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	2	.6	Missing	
		-----	-----	-----	
	Total	317	100.0	100.0	
Valid cases	6	Missing cases	311		

17.b Stayed in a motel/hotel

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	6	1.9	100.0	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	2	.6	Missing	
		-----	-----	-----	
	Total	317	100.0	100.0	
Valid cases	6	Missing cases	311		

17.c Visited friends or relatives

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	4	1.3	66.7	66.7
Yes	1	2	.6	33.3	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	2	.6	Missing	
		-----	-----	-----	
	Total	317	100.0	100.0	
Valid cases	6	Missing cases	311		

17.d Camped

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	4	1.3	66.7	66.7
Yes	1	2	.6	33.3	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	2	.6	Missing	
		-----	-----	-----	
	Total	317	100.0	100.0	
Valid cases	6	Missing cases	311		

17.e Birdwatching

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	6	1.9	100.0	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	2	.6	Missing	
	Total	317	100.0	100.0	
Valid cases	6	Missing cases	311		

17.f Visited Meadow Lake Provincial Park

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	3	.9	50.0	50.0
Yes	1	3	.9	50.0	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	2	.6	Missing	
	Total	317	100.0	100.0	
Valid cases	6	Missing cases	311		

17.g Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	5	1.6	83.3	83.3
Yes	1	1	.3	16.7	100.0
Not Applicable	7	309	97.5	Missing	
Missing	9	2	.6	Missing	
	Total	317	100.0	100.0	
Valid cases	6	Missing cases	311		

Type of other activities

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Applicable	0	315	99.4	99.7	99.7
Live in Area	7	1	.3	.3	100.0
Missing	9	1	.3	Missing	
	Total	317	100.0	100.0	
Valid cases	316	Missing cases	1		

Moose Deer Hunters

Question 13. How many hunting trips to Northwestern Saskatchewan did you make in 1992?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	11	3.9	50.0	50.0
	2	5	1.8	22.7	72.7
	3	1	.4	4.5	77.3
	6	2	.7	9.1	86.4
	10	1	.4	4.5	90.9
	13	1	.4	4.5	95.5
	15	1	.4	4.5	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	1	.4	Missing	
	Total	285	100.0	100.0	
Mean	3.364	Median	1.500	Mode	1.000
Std dev	4.124	Variance	17.004		
Valid cases	22	Missing cases	263		

Question 14. How many trips did you make to Meadow Lake Provincial Park in 1992?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	16	5.6	69.6	69.6
	1	3	1.1	13.0	82.6
	4	1	.4	4.3	87.0
	21	1	.4	4.3	91.3
	26	1	.4	4.3	95.7
	99	1	.4	4.3	100.0
Not Applicable	7	262	91.9	Missing	
	Total	285	100.0	100.0	
Mean	6.652	Median	.000	Mode	.000
Std dev	21.234	Variance	450.874		
Valid cases	23	Missing cases	262		

Question 16. Approximately what percentage of your total hunting expenditures (from question 7) occurred on hunting trips to the shaded area on the map?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	0	1	.4	4.8	4.8
	10	1	.4	4.8	9.5
	25	1	.4	4.8	14.3
	50	7	2.5	33.3	47.6
	60	1	.4	4.8	52.4
	75	2	.7	9.5	61.9
	90	1	.4	4.8	66.7
	99	1	.4	4.8	71.4
	100	6	2.1	28.6	100.0
Not Applicable	777	261	91.6	Missing	
Missing	999	3	1.1	Missing	
	Total	285	100.0	100.0	
Mean	65.905	Median	60.000	Mode	50.000
Std dev	31.435	Variance	988.190		

Valid cases 21 Missing cases 264

Question 17. During your hunting trips to the shaded area of the map what other activities did you participate in?

17.a Fished

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	13	4.6	72.2	72.2
Yes	1	5	1.8	27.8	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	5	1.8	Missing	
	Total	285	100.0	100.0	

Valid cases 18 Missing cases 267

17.b Stayed in a motel/hotel

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	17	6.0	94.4	94.4
Yes	1	1	.4	5.6	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	5	1.8	Missing	
	Total	285	100.0	100.0	

Valid cases 18 Missing cases 267

17.c Visited friends or relatives

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	14	4.9	77.8	77.8
Yes	1	4	1.4	22.2	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	5	1.8	Missing	
	Total	285	100.0	100.0	

Valid cases 18 Missing cases 267

17.d Camped

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	7	2.5	38.9	38.9
Yes	1	11	3.9	61.1	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	5	1.8	Missing	
	Total	285	100.0	100.0	

Valid cases 18 Missing cases 267

17.e Birdwatching

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	18	6.3	100.0	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	5	1.8	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	
Valid cases	18	Missing cases	267		

17.f Visited Meadow Lake Provincial Park

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	16	5.6	88.9	88.9
Yes	1	2	.7	11.1	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	5	1.8	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	
Valid cases	18	Missing cases	267		

17.g Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	18	6.3	100.0	100.0
Not Applicable	7	262	91.9	Missing	
Missing	9	5	1.8	Missing	
		-----	-----	-----	
	Total	285	100.0	100.0	
Valid cases	18	Missing cases	267		

Type of other activities

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Applicable	0	285	100.0	100.0	100.0
		-----	-----	-----	
	Total	285	100.0	100.0	
Valid cases	285	Missing cases	0		

Whitetail Deer Hunters

Question 18. Please rate to what extent each of the following statements would add to or lessen your Whitetail deer hunting enjoyment.

18.a Encountering another hunting party

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	67	21.1	22.4	22.4
	2	72	22.7	24.1	46.5
	3	138	43.5	46.2	92.6
	4	12	3.8	4.0	96.7
Increases Enjoyment	5	10	3.2	3.3	100.0
Missing	9	18	5.7	Missing	
Total		317	100.0	100.0	
Valid cases	299	Missing cases	18		

18.b Road access to new sites

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	52	16.4	17.4	17.4
	2	50	15.8	16.7	34.1
	3	101	31.9	33.8	67.9
	4	65	20.5	21.7	89.6
Increases Enjoyment	5	31	9.8	10.4	100.0
Missing	9	18	5.7	Missing	
Total		317	100.0	100.0	
Valid cases	299	Missing cases	18		

18.c Gates on roads

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	93	29.3	31.1	31.1
	2	72	22.7	24.1	55.2
	3	105	33.1	35.1	90.3
	4	14	4.4	4.7	95.0
Increases Enjoyment	5	15	4.7	5.0	100.0
Missing	9	18	5.7	Missing	
Total		317	100.0	100.0	
Valid cases	299	Missing cases	18		

18.d Roads closed to vehicular traffic

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	81	25.6	27.0	27.0
	2	55	17.4	18.3	45.3
	3	73	23.0	24.3	69.7
	4	45	14.2	15.0	84.7
Increases Enjoyment	5	46	14.5	15.3	100.0
Missing	9	17	5.4	Missing	
Total		317	100.0	100.0	
Valid cases	300	Missing cases	17		

18.e Slash (large logs) on cut lines

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	76	24.0	26.6	26.6
	2	62	19.6	21.7	48.3
	3	105	33.1	36.7	85.0
	4	26	8.2	9.1	94.1
Increases Enjoyment	5	17	5.4	5.9	100.0
Missing	9	31	9.8	Missing	
Total		317	100.0	100.0	
Valid cases	286	Missing cases	31		

18.f Seeing twice as many Whitetail deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	1	.3	.3	.3
	2	5	1.6	1.7	2.0
	3	33	10.4	11.0	13.0
	4	54	17.0	18.0	31.0
Increases Enjoyment	5	207	65.3	69.0	100.0
Missing	9	17	5.4	Missing	
Total		317	100.0	100.0	
Valid cases	300	Missing cases	17		

18.g Seeing other kinds of wildlife (birds, Moose, squirrels, etc.)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	2	.6	.7	.7
	2	3	.9	1.0	1.7
	3	24	7.6	7.9	9.6
	4	69	21.8	22.8	32.3
Increases Enjoyment	5	205	64.7	67.7	100.0
Missing	9	14	4.4	Missing	
Total		317	100.0	100.0	
Valid cases	303	Missing cases	14		

18.h Seeing or hearing logging equipment (trucks etc.)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	175	55.2	58.7	58.7
	2	76	24.0	25.5	84.2
	3	45	14.2	15.1	99.3
	4	1	.3	.3	99.7
Increases Enjoyment	5	1	.3	.3	100.0
Missing	9	19	6.0	Missing	
Total		317	100.0	100.0	
Valid cases	298	Missing cases	19		

18.i Deterioration of roads

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	88	27.8	29.4	29.4
	2	71	22.4	23.7	53.2
	3	102	32.2	34.1	87.3
	4	21	6.6	7.0	94.3
Increases Enjoyment	5	17	5.4	5.7	100.0
Missing	9	18	5.7	Missing	
Total		317	100.0	100.0	
Valid cases	299	Missing cases	18		

18.j Road corridors

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	65	20.5	23.0	23.0
	2	50	15.8	17.7	40.8
	3	125	39.4	44.3	85.1
	4	24	7.6	8.5	93.6
Increases Enjoyment	5	18	5.7	6.4	100.0
Missing	9	35	11.0	Missing	
Total		317	100.0	100.0	
Valid cases	282	Missing cases	35		

18.k Seeing a previously logged area replanted with seedlings or saplings

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	6	1.9	2.0	2.0
	2	5	1.6	1.7	3.7
	3	47	14.8	16.0	19.7
	4	85	26.8	28.9	48.6
Increases Enjoyment	5	151	47.6	51.4	100.0
Missing	8	1	.3	Missing	
	9	22	6.9	Missing	
Total		317	100.0	100.0	
Valid cases	294	Missing cases	23		

Question 19. Which one of the items above increases enjoyment more than others?

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	.9	1.0	1.0
	2	8	2.5	2.7	3.7
	4	14	4.4	4.7	8.3
	5	1	.3	.3	8.7
	6	130	41.0	43.3	52.0
	7	98	30.9	32.7	84.7
	9	1	.3	.3	85.0
	11	33	10.4	11.0	96.0
	12	10	3.2	3.3	99.3
	24	1	.3	.3	99.7
	33	1	.3	.3	100.0
Missing	99	17	5.4	Missing	
Total		317	100.0	100.0	
Valid cases	300	Missing cases	17		

Question 20. Which one of the items above decreases enjoyment more than others?

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	35	11.0	11.9	11.9
	2	18	5.7	6.1	18.0
	3	20	6.3	6.8	24.8
	4	40	12.6	13.6	38.4
	5	10	3.2	3.4	41.8
	6	1	.3	.3	42.2
	7	2	.6	.7	42.9
	8	133	42.0	45.2	88.1
	9	15	4.7	5.1	93.2
	10	12	3.8	4.1	97.3
	11	4	1.3	1.4	98.6
	20	1	.3	.3	99.0
	22	1	.3	.3	99.3
	23	1	.3	.3	99.7
	37	1	.3	.3	100.0
Missing	99	23	7.3	Missing	
Total		317	100.0	100.0	
Valid cases	294	Missing cases	23		

Moose Hunters

Question 18. Please rate to what extent each of the following statements would add to or lessen your Moose hunting enjoyment.

18.a Encountering another hunting party

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	93	32.6	33.6	33.6
	2	63	22.1	22.7	56.3
	3	96	33.7	34.7	91.0
	4	19	6.7	6.9	97.8
Increases Enjoyment	5	6	2.1	2.2	100.0
Missing	9	8	2.8	Missing	
Total		285	100.0	100.0	
<hr/>					
Valid cases	277	Missing cases	8		

18.b Road access to new sites

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	92	32.3	33.3	33.3
	2	45	15.8	16.3	49.6
	3	63	22.1	22.8	72.5
	4	45	15.8	16.3	88.8
Increases Enjoyment	5	31	10.9	11.2	100.0
Missing	9	9	3.2	Missing	
Total		285	100.0	100.0	
<hr/>					
Valid cases	276	Missing cases	9		

18.c Gates on roads

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	123	43.2	45.4	45.4
	2	45	15.8	16.6	62.0
	3	62	21.8	22.9	84.9
	4	16	5.6	5.9	90.8
Increases Enjoyment	5	25	8.8	9.2	100.0
Missing	9	14	4.9	Missing	
Total		285	100.0	100.0	
<hr/>					
Valid cases	271	Missing cases	14		

18.d Roads closed to vehicular traffic

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	85	29.8	30.9	30.9
	2	28	9.8	10.2	41.1
	3	47	16.5	17.1	58.2
	4	39	13.7	14.2	72.4
Increases Enjoyment	5	76	26.7	27.6	100.0
Missing	9	10	3.5	Missing	
Total		285	100.0	100.0	
<hr/>					
Valid cases	275	Missing cases	10		

18.e Slash (large logs) on cut lines

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	77	27.0	29.1	29.1
	2	51	17.9	19.2	48.3
	3	87	30.5	32.8	81.1
	4	25	8.8	9.4	90.6
Increases Enjoyment	5	25	8.8	9.4	100.0
Missing	9	20	7.0	Missing	
Total		285	100.0	100.0	
Valid cases	265	Missing cases	20		

18.f Seeing twice as many Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Increases Enjoyment	3	27	9.5	9.8	9.8
	4	49	17.2	17.8	27.5
	5	200	70.2	72.5	100.0
Missing	9	9	3.2	Missing	
Total		285	100.0	100.0	
Valid cases	276	Missing cases	9		

18.g Seeing other kinds of wildlife (birds, Deer, squirrels, etc.)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	2	.7	.7	.7
	2	3	1.1	1.1	1.8
	3	24	8.4	8.7	10.5
	4	74	26.0	26.9	37.5
Increases Enjoyment	5	172	60.4	62.5	100.0
Missing	9	10	3.5	Missing	
Total		285	100.0	100.0	
Valid cases	275	Missing cases	10		

18.h Seeing or hearing logging equipment (trucks etc.)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	183	64.2	66.1	66.1
	2	53	18.6	19.1	85.2
	3	33	11.6	11.9	97.1
	4	6	2.1	2.2	99.3
Increases Enjoyment	5	2	.7	.7	100.0
Missing	9	8	2.8	Missing	
Total		285	100.0	100.0	
Valid cases	277	Missing cases	8		

18.i Deterioration of roads

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	61	21.4	22.0	22.0
	2	54	18.9	19.5	41.5
	3	96	33.7	34.7	76.2
	4	32	11.2	11.6	87.7
Increases Enjoyment	5	34	11.9	12.3	100.0
Missing	9	8	2.8	Missing	
Total		285	100.0	100.0	
Valid cases	277	Missing cases	8		

18.j Road corridors

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	84	29.5	31.2	31.2
	2	41	14.4	15.2	46.5
	3	84	29.5	31.2	77.7
	4	27	9.5	10.0	87.7
Increases Enjoyment	5	33	11.6	12.3	100.0
Missing	9	16	5.6	Missing	
Total		285	100.0	100.0	
Valid cases	269	Missing cases	16		

18.k Seeing a previously logged area replanted with seedlings or saplings

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	5	1.8	1.8	1.8
	2	9	3.2	3.3	5.1
	3	49	17.2	17.8	22.9
	4	62	21.8	22.5	45.5
Increases Enjoyment	5	150	52.6	54.5	100.0
Missing	9	10	3.5	Missing	
Total		285	100.0	100.0	
Valid cases	275	Missing cases	10		

Question 19. Which one of the items above increases enjoyment more than others?

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	4	1.4	1.4	1.4
	3	1	.4	.4	1.8
	4	18	6.3	6.5	8.3
	5	1	.4	.4	8.7
	6	155	54.4	56.2	64.9
	7	52	18.2	18.8	83.7
	8	4	1.4	1.4	85.1
	9	2	.7	.7	85.9
	10	4	1.4	1.4	87.3
	11	17	6.0	6.2	93.5
	12	11	3.9	4.0	97.5
	13	1	.4	.4	97.8

		15	2	.7	.7	98.6
		17	2	.7	.7	99.3
		28	1	.4	.4	99.6
		36	1	.4	.4	100.0
Missing		99	9	3.2	Missing	

		Total	285	100.0	100.0	
Valid cases	276	Missing cases	9			

Question 20. Which one of the items above decreases enjoyment more than others?

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	52	18.2	19.0	19.0
	2	27	9.5	9.9	28.9
	3	29	10.2	10.6	39.6
	4	23	8.1	8.4	48.0
	5	12	4.2	4.4	52.4
	6	2	.7	.7	53.1
	8	91	31.9	33.3	86.4
	9	10	3.5	3.7	90.1
	10	17	6.0	6.2	96.3
	11	4	1.4	1.5	97.8
	14	1	.4	.4	98.2
	16	1	.4	.4	98.5
	18	1	.4	.4	98.9
	19	1	.4	.4	99.3
	20	1	.4	.4	99.6
	27	1	.4	.4	100.0
Missing	99	12	4.2	Missing	

		Total	285	100.0	100.0
Valid cases	273	Missing cases	12		

Whitetail Deer Hunters

Question 22. Are you male or female?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Female	0	1	.3	.3	.3
Male	1	316	99.7	99.7	100.0
Total		317	100.0	100.0	
Valid cases	317	Missing cases	0		

Question 23. What is your age, in years?

Mean	39.152	Median	37.000	Mode	28.000
Std dev	13.164	Variance	173.291	Minimum	16.000
Maximum	77.000				
Valid cases	316	Missing cases	1		

Question 24. What is the size of your town or city?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Rural	1	89	28.1	28.1	28.1
Small town	2	68	21.5	21.5	49.5
Urban	3	160	50.5	50.5	100.0
Total		317	100.0	100.0	
Valid cases	317	Missing cases	0		

Question 26. Please indicate the highest level of education you have completed.

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Elementary school	2	3	.9	.9	.9
High school	3	178	56.2	56.3	57.3
Trade school, tech. college	4	95	30.0	30.1	87.3
University	5	25	7.9	7.9	95.3
Graduate degree	6	15	4.7	4.7	100.0
Missing	9	1	.3	Missing	
Total		317	100.0	100.0	
Valid cases	316	Missing cases	1		

Question 27. How many years of hunting experience do you have?

Mean	23.210	Median	20.000	Mode	20.000
Std dev	12.633	Variance	159.593	Minimum	2.000
Maximum	75.000				
Valid cases	315	Missing cases	2		

Question 28. Which of the following categories best represents your annual household income before taxes?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
\$0 - \$10,000	1	14	4.4	4.6	4.6
\$10,001 - \$20,000	2	27	8.5	8.9	13.6
\$20,001 - \$30,000	3	57	18.0	18.9	32.5
\$30,001 - \$40,000	4	59	18.6	19.5	52.0
\$40,001 - \$50,000	5	45	14.2	14.9	66.9
\$50,001 - \$60,000	6	29	9.1	9.6	76.5
\$60,001 - \$70,000	7	28	8.8	9.3	85.8
\$70,001 - \$80,000	8	13	4.1	4.3	90.1
\$80,001 - \$90,000	9	10	3.2	3.3	93.4
\$90,001 - \$100,000	10	4	1.3	1.3	94.7
Over \$100,000	11	16	5.0	5.3	100.0
Protest	88	2	.6	Missing	
Missing	99	13	4.1	Missing	
Total		317	100.0	100.0	
Mean	4.901	Median	4.000	Mode	4.000
Std dev	2.476	Variance	6.130		
Valid cases	302	Missing cases	15		

Question 29. How many persons in your household contribute to this income?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	122	38.5	40.0	40.0
	2	165	52.1	54.1	94.1
	3	14	4.4	4.6	98.7
	4	2	.6	.7	99.3
	5	1	.3	.3	99.7
	7	1	.3	.3	100.0
	0	5	1.6	Missing	
Protest	88	1	.3	Missing	
Missing	99	6	1.9	Missing	
Total		317	100.0	100.0	
Mean	1.685	Median	2.000	Mode	2.000
Std dev	.697	Variance	.486		

Moose Hunters

Question 22. Are you male or female?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Female	0	6	2.1	2.1	2.1
Male	1	278	97.5	97.9	100.0
Missing	9	1	.4	Missing	
		-----	-----		
	Total	285	100.0	100.0	
Valid cases	284	Missing cases	1		

Question 23. What is your age, in years?

Mean	43.872	Median	43.000	Mode	38.000
Std dev	13.755	Variance	189.208	Minimum	13.000
Maximum	77.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 282 Missing cases 3

Question 24. What is the size of your town or city?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Rural	1	96	33.7	34.0	34.0
Small town	2	70	24.6	24.8	58.9
Urban	3	116	40.7	41.1	100.0
Missing	9	3	1.1	Missing	
		-----	-----		
	Total	285	100.0	100.0	
Valid cases	282	Missing cases	3		

Question 26. Please indicate the highest level of education you have completed.

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Elementary school	2	7	2.5	2.5	2.5
High school	3	164	57.5	58.8	61.3
Trade school, tech college	4	74	26.0	26.5	87.8
University	5	26	9.1	9.3	97.1
Graduate degree	6	8	2.8	2.9	100.0
Missing	9	6	2.1	Missing	
		-----	-----		
	Total	285	100.0	100.0	
Valid cases	279	Missing cases	6		

Question 27. How many years of hunting experience do you have?

Mean	26.482	Median	25.000	Mode	30.000
Std dev	13.351	Variance	178.258	Minimum	2.000
Maximum	70.000				

Valid cases	282	Missing cases	3
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Question 28. Which of the following categories best represents your annual household income before taxes?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
\$0 - \$10,000	1	15	5.3	5.7	5.7
\$10,001 - \$20,000	2	21	7.4	7.9	13.6
\$20,001 - \$30,000	3	40	14.0	15.1	28.7
\$30,001 - \$40,000	4	54	18.9	20.4	49.1
\$40,001 - \$50,000	5	48	16.8	18.1	67.2
\$50,001 - \$60,000	6	35	12.3	13.2	80.4
\$60,001 - \$70,000	7	15	5.3	5.7	86.0
\$70,001 - \$80,000	8	14	4.9	5.3	91.3
\$80,001 - \$90,000	9	13	4.6	4.9	96.2
\$90,001 - \$100,000	10	5	1.8	1.9	98.1
Over \$100,000	11	5	1.8	1.9	100.0
Protest	88	3	1.1	Missing	
Missing	99	17	6.0	Missing	
	Total	285	100.0	100.0	

Mean	4.838	Median	5.000	Mode	4.000
Std dev	2.278	Variance	5.189		
Valid cases	265	Missing cases	20		

Question 29. How many persons in your household contribute to this income?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	95	33.3	36.1	36.1
	2	162	56.8	61.6	97.7
	3	5	1.8	1.9	99.6
	4	1	.4	.4	100.0
	0	6	2.1	Missing	
Protest	88	2	.7	Missing	
Missing	99	14	4.9	Missing	

Mean	1.665	Median	2.000	Mode	2.000
Std dev	.533	Variance	.285	Minimum	1.000
Maximum	4.000				

Valid cases	263	Missing cases	22
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APPENDIX B

Western Sample

Whitetail Deer Hunters

Question 1. Factors You Consider in Selecting A Hunting Area

When you decide to go hunting, how important are the following factors in deciding where you want to hunt?

1.a Familiarity with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	14	2.3	2.3	2.3
	2	21	3.4	3.4	5.7
Somewhat Important	3	154	25.0	25.2	31.0
	4	164	26.6	26.9	57.9
Very Important	5	257	41.7	42.1	100.0
Missing	9	6	1.0	Missing	
Total		616	100.0	100.0	
Valid cases	610	Missing cases	6		

1.b Good access to region (paved roads, 2-wheel Drive access)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	174	28.2	28.7	28.7
	2	123	20.0	20.3	48.9
Somewhat Important	3	201	32.6	33.1	82.0
	4	70	11.4	11.5	93.6
Very Important	5	39	6.3	6.4	100.0
Missing	9	9	1.5	Missing	
Total		616	100.0	100.0	
Valid cases	607	Missing cases	9		

1.c Good chance of harvesting an animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	11	1.8	1.8	1.8
	2	33	5.4	5.4	7.2
Somewhat Important	3	156	25.3	25.5	32.7
	4	196	31.8	32.1	64.8
Very Important	5	215	34.9	35.2	100.0
Missing	9	5	.8	Missing	
Total		616	100.0	100.0	
Valid cases	611	Missing cases	5		

1.d Naturalness of the area or lack of development

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	31	5.0	5.1	5.1
	2	44	7.1	7.3	12.4
Somewhat Important	3	146	23.7	24.1	36.5
	4	173	28.1	28.5	65.0
Very Important	5	212	34.4	35.0	100.0
Missing	9	10	1.6	Missing	
	Total	616	100.0	100.0	
Valid cases	606	Missing cases	10		

1.e Seeing wildlife other than Whitetail deer (e.g. hawks, squirrels)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	44	7.1	7.2	7.2
	2	48	7.8	7.9	15.1
Somewhat Important	3	145	23.5	23.8	38.9
	4	178	28.9	29.2	68.1
Very Important	5	194	31.5	31.9	100.0
Missing	9	7	1.1	Missing	
	Total	616	100.0	100.0	
Valid cases	609	Missing cases	7		

1.f Nice area for a hunting camp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	205	33.3	34.0	34.0
	2	116	18.8	19.2	53.2
Somewhat Important	3	137	22.2	22.7	76.0
	4	94	15.3	15.6	91.5
Very Important	5	51	8.3	8.5	100.0
Missing	9	13	2.1	Missing	
	Total	616	100.0	100.0	
Valid cases	603	Missing cases	13		

1.g Own or know someone who owns land or a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	158	25.6	26.0	26.0
	2	83	13.5	13.7	39.6
Somewhat Important	3	133	21.6	21.9	61.5
	4	112	18.2	18.4	79.9
Very Important	5	122	19.8	20.1	100.0
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	
Valid cases	608	Missing cases	8		

1.h Privacy from other hunters

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	32	5.2	5.2	5.2
	2	46	7.5	7.5	12.8
Somewhat Important	3	170	27.6	27.9	40.7
	4	172	27.9	28.2	68.9
Very Important	5	190	30.8	31.1	100.0
Missing	9	6	1.0	Missing	
Total		616	100.0	100.0	
Valid cases	610	Missing cases	6		

1.i Distance from home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	125	20.3	20.6	20.6
	2	90	14.6	14.8	35.4
Somewhat Important	3	231	37.5	38.1	73.5
	4	92	14.9	15.2	88.6
Very Important	5	69	11.2	11.4	100.0
Missing	9	9	1.5	Missing	
Total		616	100.0	100.0	
Valid cases	607	Missing cases	9		

1.j Opportunities to hunt with family or friends

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	42	6.8	6.9	6.9
	2	38	6.2	6.2	13.1
Somewhat Important	3	123	20.0	20.1	33.1
	4	170	27.6	27.7	60.8
Very Important	5	240	39.0	39.2	100.0
Missing	9	3	.5	Missing	
Total		616	100.0	100.0	
Valid cases	613	Missing cases	3		

Moose Hunters

Question 1. Factors You Consider in Selecting A Hunting Area

When you decide to go hunting, how important are the following factors in deciding where you want to hunt?

1.a Familiarity with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	16	3.0	3.0	3.0
	2	21	3.9	4.0	7.0
Somewhat Important	3	127	23.5	24.1	31.2
	4	129	23.9	24.5	55.7
Very Important	5	233	43.1	44.3	100.0
Missing	9	14	2.6	Missing	
Total		540	100.0	100.0	
Valid cases	526	Missing cases	14		

1.b Good access to region (paved roads, 2-Wheel Drive access)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	209	38.7	40.1	40.1
	2	102	18.9	19.6	59.7
Somewhat Important	3	140	25.9	26.9	86.6
	4	39	7.2	7.5	94.0
Very Important	5	31	5.7	6.0	100.0
Missing	9	19	3.5	Missing	
Total		540	100.0	100.0	
Valid cases	521	Missing cases	19		

1.c Good chance of harvesting an animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	9	1.7	1.7	1.7
	2	15	2.8	2.9	4.6
Somewhat Important	3	132	24.4	25.1	29.7
	4	172	31.9	32.7	62.4
Very Important	5	198	36.7	37.6	100.0
Missing	9	14	2.6	Missing	
Total		540	100.0	100.0	
Valid cases	526	Missing cases	14		

1.d Naturalness of the area or lack of development

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	24	4.4	4.6	4.6
	2	29	5.4	5.5	10.1
Somewhat Important	3	97	18.0	18.4	28.5
	4	147	27.2	27.9	56.5
Very Important	5	229	42.4	43.5	100.0
Missing	9	14	2.6	Missing	
Total		540	100.0	100.0	
Valid cases	526	Missing cases	14		

1.e Seeing wildlife other than Moose (e.g. hawks, squirrels)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	29	5.4	5.5	5.5
	2	36	6.7	6.9	12.4
Somewhat Important	3	126	23.3	24.1	36.5
	4	153	28.3	29.3	65.8
Very Important	5	179	33.1	34.2	100.0
Missing	9	17	3.1	Missing	
Total		540	100.0	100.0	
Valid cases	523	Missing cases	17		

1.f Nice area for a hunting camp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	104	19.3	19.8	19.8
	2	65	12.0	12.4	32.1
Somewhat Important	3	163	30.2	31.0	63.1
	4	103	19.1	19.6	82.7
Very Important	5	91	16.9	17.3	100.0
Missing	9	14	2.6	Missing	
Total		540	100.0	100.0	
Valid cases	526	Missing cases	14		

1.g Own or know someone who owns land or a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	243	45.0	46.3	46.3
	2	65	12.0	12.4	58.7
Somewhat Important	3	96	17.8	18.3	77.0
	4	60	11.1	11.4	88.4
Very Important	5	61	11.3	11.6	100.0
Missing	9	15	2.8	Missing	
Total		540	100.0	100.0	
Valid cases	525	Missing cases	15		

1.h Privacy from other hunters

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	31	5.7	5.9	5.9
	2	36	6.7	6.8	12.7
Somewhat Important	3	127	23.5	24.1	36.7
	4	146	27.0	27.7	64.4
Very Important	5	188	34.8	35.6	100.0
Missing	9	12	2.2	Missing	
	Total	540	100.0	100.0	
Valid cases	528	Missing cases	12		

1.i Distance from home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	137	25.4	26.3	26.3
	2	94	17.4	18.1	44.4
Somewhat Important	3	167	30.9	32.1	76.5
	4	69	12.8	13.3	89.8
Very Important	5	53	9.8	10.2	100.0
Missing	9	20	3.7	Missing	
	Total	540	100.0	100.0	
Valid cases	520	Missing cases	20		

1.j Opportunities to hunt with family or friends

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Not Important	1	31	5.7	5.9	5.9
	2	22	4.1	4.2	10.1
Somewhat Important	3	95	17.6	18.1	28.1
	4	142	26.3	27.0	55.1
Very Important	5	236	43.7	44.9	100.0
Missing	9	14	2.6	Missing	
	Total	540	100.0	100.0	
Valid cases	526	Missing cases	14		

Whitetail Deer Hunters

Question 2. While hunting on your typical hunting trip did you?

2.a Use a 2-wheel drive vehicle

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	172	27.9	28.2	28.2
Yes	1	439	71.3	71.8	100.0
Missing	9	5	.8	Missing	
Total		616	100.0	100.0	
Valid cases	611	Missing cases	5		

2.b Use a 4-wheel drive vehicle

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	355	57.6	58.1	58.1
Yes	1	256	41.6	41.9	100.0
Missing	9	5	.8	Missing	
Total		616	100.0	100.0	
Valid cases	611	Missing cases	5		

2.c Use a trail bike or ATV

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	503	81.7	82.3	82.3
Yes	1	108	17.5	17.7	100.0
Missing	9	5	.8	Missing	
Total		616	100.0	100.0	
Valid cases	611	Missing cases	5		

2.d Use a snowmobile

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	573	93.0	93.8	93.8
Yes	1	38	6.2	6.2	100.0
Missing	9	5	.8	Missing	
Total		616	100.0	100.0	
Valid cases	611	Missing cases	5		

2.e Use horses

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	601	97.6	98.4	98.4
Yes	1	10	1.6	1.6	100.0
Missing	9	5	.8	Missing	
	Total	616	100.0	100.0	
Valid cases	611	Missing cases	5		

2.f Use a boat

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	583	94.6	95.4	95.4
Yes	1	28	4.5	4.6	100.0
Missing	9	5	.8	Missing	
	Total	616	100.0	100.0	
Valid cases	611	Missing cases	5		

2.g Hike or backpack

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	362	58.8	59.2	59.2
Yes	1	249	40.4	40.8	100.0
Missing	9	5	.8	Missing	
	Total	616	100.0	100.0	
Valid cases	611	Missing cases	5		

Question 3. What is your favourite hunting zone?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.2	.2	.2
	2	4	.6	.7	.8
	3	1	.2	.2	1.0
	4	4	.6	.7	1.7
	5	5	.8	.8	2.5
	6	7	1.1	1.2	3.7
	9	12	1.9	2.0	5.7
	10	15	2.4	2.5	8.2
	11	3	.5	.5	8.7
	12	3	.5	.5	9.2
	13	11	1.8	1.8	11.1
	14	33	5.4	5.5	16.6
	15	1	.2	.2	16.8
	16	1	.2	.2	16.9
	19	7	1.1	1.2	18.1
	21	1	.2	.2	18.3
	22	3	.5	.5	18.8
	23	5	.8	.8	19.6
	24	9	1.5	1.5	21.1
	25	10	1.6	1.7	22.8
	26	4	.6	.7	23.5
	27	5	.8	.8	24.3

28	5	.8	.8	25.1
29	37	6.0	6.2	31.3
30	62	10.1	10.4	41.7
32	2	.3	.3	42.0
33	1	.2	.2	42.2
34	3	.5	.5	42.7
37	4	.6	.7	43.4
39	2	.3	.3	43.7
40	1	.2	.2	43.9
41	3	.5	.5	44.4
42	7	1.1	1.2	45.6
43	1	.2	.2	45.7
44	24	3.9	4.0	49.7
45	32	5.2	5.4	55.1
46	23	3.7	3.9	59.0
47	46	7.5	7.7	66.7
48	1	.2	.2	66.8
49	2	.3	.3	67.2
52	6	1.0	1.0	68.2
53	17	2.8	2.8	71.0
54	55	8.9	9.2	80.2
55	27	4.4	4.5	84.8
56	11	1.8	1.8	86.6
57	2	.3	.3	86.9
58	1	.2	.2	87.1
59	4	.6	.7	87.8
60	6	1.0	1.0	88.8
61	1	.2	.2	88.9
62	2	.3	.3	89.3
63	2	.3	.3	89.6
65	1	.2	.2	89.8
66	10	1.6	1.7	91.5
67	28	4.5	4.7	96.1
68	8	1.3	1.3	97.5
69	10	1.6	1.7	99.2
73	2	.3	.3	99.5
83	1	.2	.2	99.7
94	1	.2	.2	99.8
98	1	.2	.2	100.0
No Favourite	77	1.5	Missing	
Missing	99	1.6	Missing	
Total		616	100.0	100.0

Valid cases 597 Missing cases 19

Question 4. How many years in the last 10 years have you or your party hunted in your favourite hunting zone?

Mean	7.410	Median	8.000	Mode	10.000
Std dev	2.906	Variance	8.445	Minimum	1.000
Maximum	10.000				

Valid cases 603 Missing cases 13

Question 5. If for some reason you could not go hunting next year in your favourite zone, or if the season closed, what sorts of activities would you do instead?

5.a Fishing

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	248	40.3	40.8	40.8
Yes	1	360	58.4	59.2	100.0
Missing	9	8	1.3	Missing	
Total		616	100.0	100.0	
Valid cases	608	Missing cases	8		

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	1	.2	.4	.4
	5	1	.2	.4	.7
	13	3	.5	1.1	1.8
	14	2	.3	.7	2.6
	21	3	.5	1.1	3.7
	22	2	.3	.7	4.4
	24	7	1.1	2.6	7.0
	30	11	1.8	4.1	11.1
	43	2	.3	.7	11.8
	44	1	.2	.4	12.2
	46	4	.6	1.5	13.7
	47	23	3.7	8.5	22.1
	51	2	.3	.7	22.9
	52	2	.3	.7	23.6
	53	17	2.8	6.3	29.9
	54	19	3.1	7.0	36.9
	55	14	2.3	5.2	42.1
	56	2	.3	.7	42.8
	57	1	.2	.4	43.2
	60	1	.2	.4	43.5
	62	1	.2	.4	43.9
	63	6	1.0	2.2	46.1
	64	2	.3	.7	46.9
	65	2	.3	.7	47.6
	66	9	1.5	3.3	50.9
	67	17	2.8	6.3	57.2
	68	4	.6	1.5	58.7
	69	26	4.2	9.6	68.3
	70	1	.2	.4	68.6
	71	1	.2	.4	69.0
	72	8	1.3	3.0	72.0
	73	10	1.6	3.7	75.6
	76	1	.2	.4	76.0
Zone, region unknown	80	2	.3	.7	76.8
SE Sask	83	1	.2	.4	77.1
SW Sask	84	2	.3	.7	77.9
NW Sask	85	4	.6	1.5	79.3
Anywhere	88	17	2.8	6.3	85.6
Out of prov	93	2	.3	.7	86.3
Central Sask	94	4	.6	1.5	87.8
West Sask	95	2	.3	.7	88.6
South Sask	97	1	.2	.4	88.9
North Sask	98	30	4.9	11.1	100.0
Not Applicable	0	256	41.6	Missing	
Missing	99	89	14.4	Missing	
Total		616	100.0	100.0	

Valid cases 271 Missing cases 345

5.b Camping

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	420	68.2	69.1	69.1
Yes	1	188	30.5	30.9	100.0
Missing	9	8	1.3	Missing	
Total		616	100.0	100.0	

Valid cases 608 Missing cases 8

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	7	1	.2	.7	.7
	13	3	.5	2.1	2.9
	14	1	.2	.7	3.6
	22	2	.3	1.4	5.0
	24	3	.5	2.1	7.1
	30	1	.2	.7	7.9
	42	1	.2	.7	8.6
	44	1	.2	.7	9.3
	46	3	.5	2.1	11.4
	47	11	1.8	7.9	19.3
	51	1	.2	.7	20.0
	53	9	1.5	6.4	26.4
	54	6	1.0	4.3	30.7
	55	10	1.6	7.1	37.9
	56	2	.3	1.4	39.3
	57	1	.2	.7	40.0
	58	1	.2	.7	40.7
	60	1	.2	.7	41.4
	62	1	.2	.7	42.1
	63	4	.6	2.9	45.0
	65	2	.3	1.4	46.4
	66	3	.5	2.1	48.6
	67	6	1.0	4.3	52.9
	68	2	.3	1.4	54.3
	69	14	2.3	10.0	64.3
	71	1	.2	.7	65.0
	72	4	.6	2.9	67.9
	73	4	.6	2.9	70.7
	76	1	.2	.7	71.4
NW Sask	85	2	.3	1.4	72.9
Anywhere	88	12	1.9	8.6	81.4
Out of prov	93	2	.3	1.4	82.9
Central Sask	94	2	.3	1.4	84.3
West Sask	95	1	.2	.7	85.0
North Sask	98	21	3.4	15.0	100.0
Not Applicable	0	428	69.5	Missing	
Missing	99	48	7.8	Missing	
Total		616	100.0	100.0	

Valid cases 140 Missing cases 476

5.c Wildlife viewing, Hiking, Photography

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	445	72.2	73.2	73.2
Yes	1	163	26.5	26.8	100.0
Missing	9	8	1.3	Missing	
Total		616	100.0	100.0	

Valid cases 608 Missing cases 8

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	.2	.8	.8
	7	1	.2	.8	1.6
	9	2	.3	1.6	3.2
	10	1	.2	.8	4.0
	12	1	.2	.8	4.8

	13	2	.3	1.6	6.4
	14	1	.2	.8	7.2
	22	1	.2	.8	8.0
	24	2	.3	1.6	9.6
	28	1	.2	.8	10.4
	29	8	1.3	6.4	16.8
	30	12	1.9	9.6	26.4
	44	3	.5	2.4	28.8
	45	5	.8	4.0	32.8
	46	4	.6	3.2	36.0
	47	6	1.0	4.8	40.8
	52	2	.3	1.6	42.4
	53	10	1.6	8.0	50.4
	54	8	1.3	6.4	56.8
	55	3	.5	2.4	59.2
	56	1	.2	.8	60.0
	57	1	.2	.8	60.8
	64	2	.3	1.6	62.4
	65	1	.2	.8	63.2
	66	3	.5	2.4	65.6
	67	4	.6	3.2	68.8
	68	1	.2	.8	69.6
	69	6	1.0	4.8	74.4
	72	2	.3	1.6	76.0
Zone, region unknown	80	1	.2	.8	76.8
NW Sask	85	2	.3	1.6	78.4
Anywhere	88	16	2.6	12.8	91.2
Out of prov	93	2	.3	1.6	92.8
Central Sask	94	1	.2	.8	93.6
West Sask	95	1	.2	.8	94.4
South Sask	97	1	.2	.8	95.2
North Sask	98	6	1.0	4.8	100.0
Not Applicable	0	453	73.5	Missing	
Missing	99	38	6.2	Missing	
	Total	616	100.0	100.0	

Valid cases 125 Missing cases 491

5.d Indoor sports, Attend professional sporting events

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	526	85.4	86.5	86.5
Yes	1	82	13.3	13.5	100.0
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	

Valid cases 608 Missing cases 8

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	5	1	.2	2.0	2.0
	8	1	.2	2.0	4.0
	19	1	.2	2.0	6.0
	26	1	.2	2.0	8.0
	27	1	.2	2.0	10.0
	29	1	.2	2.0	12.0
	30	26	4.2	52.0	64.0
	44	2	.3	4.0	68.0
	45	1	.2	2.0	70.0
	47	3	.5	6.0	76.0
	51	1	.2	2.0	78.0
	54	2	.3	4.0	82.0

	55	1	.2	2.0	84.0
	69	1	.2	2.0	86.0
	72	1	.2	2.0	88.0
Anywhere	88	4	.6	8.0	96.0
Out of prov	93	1	.2	2.0	98.0
Central Sask	94	1	.2	2.0	100.0
Not Applicable	0	534	86.7	Missing	
Missing	99	32	5.2	Missing	
		-----	-----	-----	
Total		616	100.0	100.0	
Valid cases	50	Missing cases	566		

5.e Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	556	90.3	91.4	91.4
Yes	1	52	8.4	8.6	100.0
Missing	9	8	1.3	Missing	
		-----	-----	-----	
Total		616	100.0	100.0	
Valid cases	608	Missing cases	8		

Other types of activities

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	8	1.3	15.4	15.4
	2	4	.6	7.7	23.1
	3	3	.5	5.8	28.8
	4	1	.2	1.9	30.8
	5	1	.2	1.9	32.7
	6	3	.5	5.8	38.5
	8	2	.3	3.8	42.3
	9	2	.3	3.8	46.2
	10	1	.2	1.9	48.1
	11	4	.6	7.7	55.8
	13	4	.6	7.7	63.5
	14	4	.6	7.7	71.2
	15	1	.2	1.9	73.1
	16	2	.3	3.8	76.9
	18	3	.5	5.8	82.7
	23	1	.2	1.9	84.6
	24	2	.3	3.8	88.5
	25	1	.2	1.9	90.4
	26	1	.2	1.9	92.3
	27	2	.3	3.8	96.2
	28	1	.2	1.9	98.1
	29	1	.2	1.9	100.0
Not applicable	0	564	91.6	Missing	
		-----	-----	-----	
Total		616	100.0	100.0	
Valid cases	52	Missing cases	564		

5.f Hunt elsewhere

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	108	17.5	17.8	17.8
Yes	1	500	81.2	82.2	100.0
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	

Valid cases 608 Missing cases 8

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.2	.2	.2
	2	7	1.1	1.6	1.8
	3	4	.6	.9	2.7
	4	4	.6	.9	3.6
	5	2	.3	.4	4.0
	6	6	1.0	1.3	5.3
	7	3	.5	.7	6.0
	8	3	.5	.7	6.7
	9	12	1.9	2.7	9.3
	10	27	4.4	6.0	15.3
	11	1	.2	.2	15.6
	12	1	.2	.2	15.8
	13	13	2.1	2.9	18.7
	14	9	1.5	2.0	20.7
	19	2	.3	.4	21.1
	20	1	.2	.2	21.3
	22	2	.3	.4	21.8
	23	7	1.1	1.6	23.3
	24	6	1.0	1.3	24.7
	25	4	.6	.9	25.6
	26	3	.5	.7	26.2
	27	8	1.3	1.8	28.0
	28	5	.8	1.1	29.1
	29	16	2.6	3.6	32.7
	30	28	4.5	6.2	38.9
	32	1	.2	.2	39.1
	34	1	.2	.2	39.3
	35	1	.2	.2	39.6
	37	1	.2	.2	39.8
	39	3	.5	.7	40.4
	40	1	.2	.2	40.7
	41	5	.8	1.1	41.8
	44	16	2.6	3.6	45.3
	45	17	2.8	3.8	49.1
	46	5	.8	1.1	50.2
	47	13	2.1	2.9	53.1
	48	3	.5	.7	53.8
	49	1	.2	.2	54.0
	50	1	.2	.2	54.2
	51	2	.3	.4	54.7
	52	7	1.1	1.6	56.2
	53	5	.8	1.1	57.3
	54	21	3.4	4.7	62.0
	55	14	2.3	3.1	65.1
	56	15	2.4	3.3	68.4
	57	3	.5	.7	69.1
	58	5	.8	1.1	70.2
	59	7	1.1	1.6	71.8
	60	2	.3	.4	72.2
	61	1	.2	.2	72.4
	63	2	.3	.4	72.9
	64	2	.3	.4	73.3
	66	4	.6	.9	74.2

	67	31	5.0	6.9	81.1
	68	7	1.1	1.6	82.7
	69	8	1.3	1.8	84.4
Zone, region unknown	80	1	.2	.2	84.7
SW Sask	84	4	.6	.9	85.6
NW Sask	85	2	.3	.4	86.0
NE Sask	86	1	.2	.2	86.2
Anywhere	88	32	5.2	7.1	93.3
Out of prov	93	10	1.6	2.2	95.6
Central Sask	94	1	.2	.2	95.8
West Sask	95	2	.3	.4	96.2
East Sask	96	2	.3	.4	96.7
South Sask	97	5	.8	1.1	97.8
North Sask	98	10	1.6	2.2	100.0
Not Applicable	0	116	18.8	Missing	
Missing	99	50	8.1	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 450 Missing cases 166

Question 6. How many hunting trips (for any species) did you take in Saskatchewan in the 1992 season?

Mean	7.055	Median	4.000	Mode	2.000
Std dev	12.705	Variance	161.426	Minimum	.000
Maximum	190.000				

Valid cases 582 Missing cases 34

Moose Hunters

Question 2. While hunting on your typical hunting trip did you?

2.a Use a 2-wheel drive vehicle

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	256	47.4	48.0	48.0
Yes	1	277	51.3	52.0	100.0
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	
Valid cases	533	Missing cases	7		

2.b Use a 4-wheel drive vehicle

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	280	51.9	52.5	52.5
Yes	1	253	46.9	47.5	100.0
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	
Valid cases	533	Missing cases	7		

2.c Use a trail bike or ATV

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	235	43.5	44.1	44.1
Yes	1	298	55.2	55.9	100.0
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	
Valid cases	533	Missing cases	7		

2.d Use a snowmobile

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	411	76.1	77.1	77.1
Yes	1	122	22.6	22.9	100.0
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	
Valid cases	533	Missing cases	7		

2.e Use horses

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	522	96.7	97.9	97.9
Yes	1	11	2.0	2.1	100.0
Missing	9	7	1.3	Missing	
Total		540	100.0	100.0	
Valid cases	533	Missing cases	7		

2.f Use a boat

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	392	72.6	73.5	73.5
Yes	1	141	26.1	26.5	100.0
Missing	9	7	1.3	Missing	
Total		540	100.0	100.0	
Valid cases	533	Missing cases	7		

2.g Hike or backpack

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	297	55.0	55.7	55.7
Yes	1	236	43.7	44.3	100.0
Missing	9	7	1.3	Missing	
Total		540	100.0	100.0	
Valid cases	533	Missing cases	7		

Question 3. What is your favourite hunting zone?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	.2	.2	.2
	5	1	.2	.2	.4
	6	3	.6	.6	1.0
	8	2	.4	.4	1.4
	10	1	.2	.2	1.6
	12	2	.4	.4	2.0
	14	1	.2	.2	2.2
	16	1	.2	.2	2.4
	18	1	.2	.2	2.6
	24	1	.2	.2	2.8
	25	1	.2	.2	3.0
	29	1	.2	.2	3.2
	30	1	.2	.2	3.4
	35	1	.2	.2	3.6
	37	1	.2	.2	3.8
	40	2	.4	.4	4.2
	43	3	.6	.6	4.7
	44	3	.6	.6	5.3
	45	3	.6	.6	5.9
	46	3	.6	.6	6.5
	47	7	1.3	1.4	7.9
	48	2	.4	.4	8.3

	49	4	.7	.8	9.1
	50	1	.2	.2	9.3
	53	4	.7	.8	10.1
	54	11	2.0	2.2	12.3
	55	21	3.9	4.2	16.4
	56	37	6.9	7.3	23.7
	57	19	3.5	3.8	27.5
	58	10	1.9	2.0	29.4
	59	44	8.1	8.7	38.1
	60	17	3.1	3.4	41.5
	61	5	.9	1.0	42.5
	62	3	.6	.6	43.1
	63	4	.7	.8	43.9
	64	5	.9	1.0	44.9
	65	5	.9	1.0	45.8
	66	29	5.4	5.7	51.6
	67	131	24.3	25.9	77.5
	68	42	7.8	8.3	85.8
	69	42	7.8	8.3	94.1
	71	1	.2	.2	94.3
	72	3	.6	.6	94.9
	73	19	3.5	3.8	98.6
	75	2	.4	.4	99.0
	76	4	.7	.8	99.8
Unknown	80	1	.2	.2	100.0
No Favourite	77	7	1.3	Missing	
Missing	99	27	5.0	Missing	
	Total	540	100.0	100.0	
Valid cases	506	Missing cases	34		

Question 4. How many years in the last 10 years have you or your party hunted in your favourite hunting zone?

Mean	6.720	Median	7.000	Mode	10.000
Std dev	3.083	Variance	9.504	Minimum	.000
Maximum	10.000				
Valid cases	525	Missing cases	15		

Question 5. If for some reason you could not go hunting next year in your favourite zone, or if the season closed, what sorts of activities would you do instead?

5.a Fishing

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	214	39.6	41.0	41.0
Yes	1	308	57.0	59.0	100.0
Missing	9	18	3.3	Missing	
	Total	540	100.0	100.0	
Valid cases	522	Missing cases	18		

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	.4	.9	.9
	13	1	.2	.5	1.4
	20	1	.2	.5	1.9
	23	3	.6	1.4	3.2
	29	2	.4	.9	4.2
	30	4	.7	1.9	6.0
	42	1	.2	.5	6.5

	43	1	.2	.5	6.9
	44	1	.2	.5	7.4
	45	1	.2	.5	7.9
	47	13	2.4	6.0	13.9
	48	1	.2	.5	14.4
	53	6	1.1	2.8	17.1
	54	5	.9	2.3	19.4
	55	16	3.0	7.4	26.9
	56	2	.4	.9	27.8
	59	2	.4	.9	28.7
	60	2	.4	.9	29.6
	63	1	.2	.5	30.1
	64	6	1.1	2.8	32.9
	65	1	.2	.5	33.3
	66	16	3.0	7.4	40.7
	67	28	5.2	13.0	53.7
	68	7	1.3	3.2	56.9
	69	25	4.6	11.6	68.5
	71	4	.7	1.9	70.4
	72	10	1.9	4.6	75.0
	73	10	1.9	4.6	79.6
	74	4	.7	1.9	81.5
	75	2	.4	.9	82.4
	76	2	.4	.9	83.3
Zone, region unknown	80	5	.9	2.3	85.6
NW Sask	85	5	.9	2.3	88.0
Anywhere	88	8	1.5	3.7	91.7
Out of prov	93	2	.4	.9	92.6
West Sask	95	1	.2	.5	93.1
North Sask	98	15	2.8	6.9	100.0
Not Applicable	0	231	42.8	Missing	
Missing	99	93	17.2	Missing	

Total		540	100.0	100.0	

Valid cases 216 Missing cases 324

5.b Camping

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	333	61.7	64.0	64.0
Yes	1	187	34.6	36.0	100.0
Missing	9	20	3.7	Missing	

Total		540	100.0	100.0	

Valid cases 520 Missing cases 20

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.2	.8	.8
	7	2	.4	1.5	2.3
	8	1	.2	.8	3.0
	29	1	.2	.8	3.8
	30	2	.4	1.5	5.3
	37	1	.2	.8	6.1
	44	1	.2	.8	6.8
	47	3	.6	2.3	9.1
	51	1	.2	.8	9.8
	53	8	1.5	6.1	15.9
	54	2	.4	1.5	17.4
	55	15	2.8	11.4	28.8
	56	3	.6	2.3	31.1
	60	1	.2	.8	31.8

	63	1	.2	.8	32.6
	64	2	.4	1.5	34.1
	65	1	.2	.8	34.8
	66	9	1.7	6.8	41.7
	67	13	2.4	9.8	51.5
	68	1	.2	.8	52.3
	69	12	2.2	9.1	61.4
	70	4	.7	3.0	64.4
	71	1	.2	.8	65.2
	72	3	.6	2.3	67.4
	73	11	2.0	8.3	75.8
	74	2	.4	1.5	77.3
Zone, region unknown	80	3	.6	2.3	79.5
NW Sask	85	4	.7	3.0	82.6
Anywhere	88	11	2.0	8.3	90.9
Out of prov	93	1	.2	.8	91.7
North Sask	98	11	2.0	8.3	100.0
Not Applicable	0	352	65.2	Missing	
Missing	99	56	10.4	Missing	
	Total	540	100.0	100.0	
Valid cases	132	Missing cases	408		

5.c Wildlife viewing, Hiking, Photography

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	432	80.0	82.9	82.9
Yes	1	89	16.5	17.1	100.0
Missing	9	19	3.5	Missing	
	Total	540	100.0	100.0	
Valid cases	521	Missing cases	19		

Where?

Zone Number Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	8	1	.2	1.6	1.6
	10	1	.2	1.6	3.2
	11	1	.2	1.6	4.8
	13	1	.2	1.6	6.3
	14	1	.2	1.6	7.9
	30	1	.2	1.6	9.5
	44	1	.2	1.6	11.1
	47	3	.6	4.8	15.9
	53	3	.6	4.8	20.6
	54	3	.6	4.8	25.4
	55	3	.6	4.8	30.2
	56	2	.4	3.2	33.3
	58	1	.2	1.6	34.9
	59	2	.4	3.2	38.1
	63	1	.2	1.6	39.7
	66	5	.9	7.9	47.6
	67	6	1.1	9.5	57.1
	68	1	.2	1.6	58.7
	69	5	.9	7.9	66.7
	72	2	.4	3.2	69.8
	73	1	.2	1.6	71.4
	74	1	.2	1.6	73.0
	76	1	.2	1.6	74.6
Zone, region unknown	80	1	.2	1.6	76.2
NW Sask	85	1	.2	1.6	77.8
Anywhere	88	9	1.7	14.3	92.1
Out of prov	93	3	.6	4.8	96.8

North Sask	98	2	.4	3.2	100.0
Not Applicable	0	451	83.5	Missing	
Missing	99	26	4.8	Missing	

Total		540	100.0	100.0	

Valid cases 63 Missing cases 477

5.d Indoor sports, Attend professional sporting events

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	478	88.5	91.6	91.6
Yes	1	44	8.1	8.4	100.0
Missing	9	18	3.3	Missing	

Total		540	100.0	100.0	

Valid cases 522 Missing cases 18

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	20	1	.2	4.3	4.3
	27	1	.2	4.3	8.7
	29	1	.2	4.3	13.0
	30	4	.7	17.4	30.4
	44	2	.4	8.7	39.1
	46	2	.4	8.7	47.8
	47	2	.4	8.7	56.5
	55	2	.4	8.7	65.2
	70	1	.2	4.3	69.6
	73	1	.2	4.3	73.9
Anywhere	88	3	.6	13.0	87.0
Out of prov	93	3	.6	13.0	100.0
Not Applicable	0	496	91.9	Missing	
Missing	99	21	3.9	Missing	

Total		540	100.0	100.0	

Valid cases 23 Missing cases 517

5.e Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	463	85.7	88.7	88.7
Yes	1	59	10.9	11.3	100.0
Missing	9	18	3.3	Missing	

Total		540	100.0	100.0	

Valid cases 522 Missing cases 18

Other types of activities

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	9	1.7	16.1	16.1
	2	3	.6	5.4	21.4
	3	4	.7	7.1	28.6
	4	2	.4	3.6	32.1

	5	2	.4	3.6	35.7
	6	5	.9	8.9	44.6
	7	4	.7	7.1	51.8
	9	2	.4	3.6	55.4
	10	5	.9	8.9	64.3
	11	8	1.5	14.3	78.6
	14	2	.4	3.6	82.1
	18	1	.2	1.8	83.9
	19	4	.7	7.1	91.1
	20	1	.2	1.8	92.9
	21	1	.2	1.8	94.6
	22	1	.2	1.8	96.4
	23	2	.4	3.6	100.0
Not Applicable	0	481	89.1	Missing	
Missing	99	3	.6	Missing	
Total		540	100.0	100.0	

Valid cases 56 Missing cases 484

5.f Hunt elsewhere

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	106	19.6	20.3	20.3
Yes	1	416	77.0	79.7	100.0
Missing	9	18	3.3	Missing	
Total		540	100.0	100.0	

Valid cases 522 Missing cases 18

Where?

Zone Number / Region	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	.4	.5	.5
	5	1	.2	.3	.8
	6	1	.2	.3	1.1
	7	2	.4	.5	1.6
	8	1	.2	.3	1.9
	9	2	.4	.5	2.5
	10	4	.7	1.1	3.6
	13	2	.4	.5	4.1
	14	4	.7	1.1	5.2
	16	1	.2	.3	5.5
	25	2	.4	.5	6.0
	29	5	.9	1.4	7.4
	30	7	1.3	1.9	9.3
	33	1	.2	.3	9.6
	34	1	.2	.3	9.9
	37	2	.4	.5	10.4
	41	1	.2	.3	10.7
	43	3	.6	.8	11.5
	44	3	.6	.8	12.4
	45	2	.4	.5	12.9
	46	3	.6	.8	13.7
	47	12	2.2	3.3	17.0
	48	1	.2	.3	17.3
	49	4	.7	1.1	18.4
	50	1	.2	.3	18.7
	52	2	.4	.5	19.2
	53	2	.4	.5	19.8
	54	11	2.0	3.0	22.8
	55	29	5.4	8.0	30.8
	56	10	1.9	2.7	33.5
	57	16	3.0	4.4	37.9
	58	14	2.6	3.8	41.8

	59	19	3.5	5.2	47.0
	60	9	1.7	2.5	49.5
	61	3	.6	.8	50.3
	62	8	1.5	2.2	52.5
	63	8	1.5	2.2	54.7
	64	2	.4	.5	55.2
	65	3	.6	.8	56.0
	66	14	2.6	3.8	59.9
	67	31	5.7	8.5	68.4
	68	16	3.0	4.4	72.8
	69	26	4.8	7.1	79.9
	70	3	.6	.8	80.8
	71	1	.2	.3	81.0
	72	1	.2	.3	81.3
	73	6	1.1	1.6	83.0
	74	2	.4	.5	83.5
	75	2	.4	.5	84.1
Zone, region unknown	80	2	.4	.5	84.6
SW Sask	84	1	.2	.3	84.9
NW Sask	85	2	.4	.5	85.4
NE Sask	86	1	.2	.3	85.7
Anywhere	88	23	4.3	6.3	92.0
Out of prov	93	18	3.3	4.9	97.0
West Sask	95	3	.6	.8	97.8
South Sask	97	2	.4	.5	98.4
North Sask	98	6	1.1	1.6	100.0
Not Applicable	0	122	22.6	Missing	
Missing	99	54	10.0	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	
Valid cases	364	Missing cases	176		

Question 6. How many hunting trips (for any species) did you take in Saskatchewan in the 1992 season?

Mean	5.187	Median	3.000	Mode	2.000
Std dev	8.654	Variance	74.900	Minimum	.000
Maximum	100.000				
Valid cases	525	Missing cases	15		

Whitetail Deer Hunters

Question 8. Please indicate the amount of money spent on all hunting trips during 1992, excluding licence fees.

8.1 Transportation (incl. oil, gas, airfare, bus, etc.)

Mean	238.871	Median	195.000	Mode	200.000
Std dev	297.473	Variance	88490.231	Minimum	.000
Maximum	3500.000				

Valid cases	606	Missing cases	10
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8.2 Accommodation (hotels, campsite fees, etc.)

Mean	34.476	Median	.000	Mode	.000
Std dev	118.435	Variance	14026.840	Minimum	.000
Maximum	2000.000				

Valid cases	611	Missing cases	5
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8.3 Restaurant meals

Mean	34.430	Median	10.000	Mode	.000
Std dev	77.637	Variance	6027.524	Minimum	.000
Maximum	1500.000				

Valid cases	611	Missing cases	5
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8.4 Other food (including alcohol)

Mean	83.548	Median	50.000	Mode	.000
Std dev	203.457	Variance	41394.632	Minimum	.000
Maximum	4500.000				

Valid cases	610	Missing cases	6
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8.5 Rentals and Repairs (including towing)

Mean	30.474	Median	.000	Mode	.000
Std dev	200.509	Variance	40203.833	Minimum	.000
Maximum	3000.000				

Valid cases	610	Missing cases	6
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8.6 Equipment purchased specifically for the trip (i.e. boots, ammunition, etc.)

Mean	135.306	Median	50.000	Mode	.000
Std dev	354.142	Variance	125416.721	Minimum	.000
Maximum	6000.000				

Valid cases	607	Missing cases	9
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8.7 Other

Mean	24.820	Median	.000	Mode	.000
Std dev	291.775	Variance	85132.413	Minimum	.000
Maximum	7000.000				

Valid cases 611 Missing cases 5

Types of other expenditures

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	.2	2.6	2.6
	3	6	1.0	15.4	17.9
	5	1	.2	2.6	20.5
	6	3	.5	7.7	28.2
	8	3	.5	7.7	35.9
	9	2	.3	5.1	41.0
	10	3	.5	7.7	48.7
	11	3	.5	7.7	56.4
	12	8	1.3	20.5	76.9
	13	1	.2	2.6	79.5
	15	1	.2	2.6	82.1
	16	1	.2	2.6	84.6
	17	3	.5	7.7	92.3
	19	1	.2	2.6	94.9
	20	1	.2	2.6	97.4
	21	1	.2	2.6	100.0
Not Applicable	0	574	93.2	Missing	
Missing	99	3	.5	Missing	
	Total	616	100.0	100.0	

Valid cases 39 Missing cases 577

Total Expenditures

Mean	604.627	Median	410.000	Mode	200.000
Std dev	1023.290	Variance	1047122.77	Minimum	.000
Maximum	17000.000				

Valid cases 585 Missing cases 31

Question 9. If you made any major purchases (trucks, ATVs, cabins) for hunting in Saskatchewan (in 1992), that are used in whole or in part for hunting in Saskatchewan, please list the item, the purchase price and the extent to which this item is used for hunting in Saskatchewan.

9.1 Item 1

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	50	8.1	52.6	52.6
	2	17	2.8	17.9	70.5
	5	4	.6	4.2	74.7
	6	7	1.1	7.4	82.1
	7	3	.5	3.2	85.3
	8	8	1.3	8.4	93.7
	11	1	.2	1.1	94.7
	12	2	.3	2.1	96.8
	15	1	.2	1.1	97.9

	19	1	.2	1.1	98.9
	23	1	.2	1.1	100.0
Not Applicable	0	516	83.8	Missing	
Missing	99	5	.8	Missing	
	Total		616	100.0	100.0

Valid cases 95 Missing cases 521

Purchase Price of Item 1

Mean	8003.606	Median	2500.000	Mode	500.000
Std dev	19298.896	Variance	372447405	Minimum	80.000
Maximum	175000.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 94 Missing cases 522

Percentage of time Item 1 is used for hunting in Saskatchewan

Mean	44.849	Median	37.500	Mode	100.000
Std dev	38.358	Variance	1471.330	Minimum	1.000
Maximum	100.000				

Valid cases 86 Missing cases 530

9.2 Item 2

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.2	4.5	4.5
	2	7	1.1	31.8	36.4
	3	1	.2	4.5	40.9
	5	3	.5	13.6	54.5
	7	2	.3	9.1	63.6
	8	1	.2	4.5	68.2
	9	1	.2	4.5	72.7
	11	1	.2	4.5	77.3
	13	1	.2	4.5	81.8
	14	2	.3	9.1	90.9
	22	1	.2	4.5	95.5
	24	1	.2	4.5	100.0
Not Applicable	0	589	95.6	Missing	
Missing	99	5	.8	Missing	
	Total		616	100.0	100.0

Valid cases 22 Missing cases 594

Purchase Price of Item 2

Mean	3467.045	Median	1000.000	Mode	1000.000
Std dev	4875.604	Variance	23771511.1	Minimum	100.000
Maximum	20000.000				

Valid cases 22 Missing cases 594

Percentage of time Item 2 is used for hunting in Saskatchewan

Mean	54.053	Median	50.000	Mode	100.000
Std dev	40.117	Variance	1609.386	Minimum	1.000
Maximum	100.000				

Valid cases 19 Missing cases 597

9.3 Item 3

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	.3	40.0	40.0
	2	1	.2	20.0	60.0
	3	1	.2	20.0	80.0
	21	1	.2	20.0	100.0
Not Applicable	0	606	98.4	Missing	
Missing	99	5	.8	Missing	
	Total	616	100.0	100.0	

Valid cases 5 Missing cases 611

Purchase Price of Item 3

Mean	10350.000	Median	4000.000	Mode	250.000
Std dev	12497.000	Variance	156175000	Minimum	250.000
Maximum	30000.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 5 Missing cases 611

Percentage of time Item 3 is used for hunting in Saskatchewan

Mean	48.000	Median	20.000	Mode	20.000
Std dev	38.987	Variance	1520.000	Minimum	20.000
Maximum	100.000				

Valid cases 5 Missing cases 611

Moose Hunters

Question 8. Please indicate the amount of money spent on all hunting trips during 1992, excluding licence fees.

8.1 Transportation (incl. oil, gas, airfare, bus, etc.)

Mean	270.578	Median	200.000	Mode	200.000
Std dev	891.299	Variance	794414.049	Minimum	.000
Maximum	20000.000				

Valid cases	524	Missing cases	16
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8.2 Accommodation (hotels, campsite fees, etc.)

Mean	45.497	Median	.000	Mode	.000
Std dev	114.307	Variance	13066.060	Minimum	.000
Maximum	1450.000				

Valid cases	527	Missing cases	13
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8.3 Restaurant meals

Mean	36.008	Median	.000	Mode	.000
Std dev	63.412	Variance	4021.019	Minimum	.000
Maximum	500.000				

Valid cases	527	Missing cases	13
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8.4 Other food (including alcohol)

Mean	118.188	Median	80.000	Mode	.000
Std dev	209.561	Variance	43915.879	Minimum	.000
Maximum	4000.000				

Valid cases	525	Missing cases	15
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8.5 Rentals and Repairs (including towing)

Mean	30.869	Median	.000	Mode	.000
Std dev	178.086	Variance	31714.468	Minimum	.000
Maximum	3500.000				

Valid cases	527	Missing cases	13
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8.6 Equipment purchased specifically for the trip (i.e. boots, ammunition, etc.)

Mean	161.209	Median	45.000	Mode	.000
Std dev	482.381	Variance	232691.237	Minimum	.000
Maximum	8000.000				

Valid cases	525	Missing cases	15
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8.7 Other

Mean	15.558	Median	.000	Mode	.000
Std dev	105.674	Variance	11167.087	Minimum	.000
Maximum	2000.000				

Valid cases	525	Missing cases	15
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Types of other expenditures

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.2	2.7	2.7
	3	4	.7	10.8	13.5
	4	1	.2	2.7	16.2
	5	4	.7	10.8	27.0
	6	2	.4	5.4	32.4
	8	2	.4	5.4	37.8
	9	7	1.3	18.9	56.8
	10	2	.4	5.4	62.2
	11	1	.2	2.7	64.9
	12	9	1.7	24.3	89.2
	13	1	.2	2.7	91.9
	14	1	.2	2.7	94.6
	15	1	.2	2.7	97.3
	21	1	.2	2.7	100.0
Not Applicable	0	502	93.0	Missing	
Missing	99	1	.2	Missing	
Total		540	100.0	100.0	

Valid cases	37	Missing cases	503
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Total Expenditures

Mean	713.137	Median	480.000	Mode	500.000
Std dev	1733.407	Variance	3004700.36	Minimum	5.000
Maximum	36600.000				

Valid cases	499	Missing cases	41
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Question 9. If you made any major purchases (trucks, ATVs, cabins) for hunting in Saskatchewan (in 1992), that are used in whole or in part for hunting in Saskatchewan, please list the item, the purchase price and the extent to which this item is used for hunting in Saskatchewan.

9.1 Item 1

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	41	7.6	33.6	33.6
	2	50	9.3	41.0	74.6
	3	3	.6	2.5	77.0
	5	3	.6	2.5	79.5
	6	3	.6	2.5	82.0
	7	7	1.3	5.7	87.7
	8	5	.9	4.1	91.8
	9	1	.2	.8	92.6
	13	1	.2	.8	93.4
	15	5	.9	4.1	97.5

	17	1	.2	.8	98.4
	18	1	.2	.8	99.2
	19	1	.2	.8	100.0
Not Applicable	0	408	75.6	Missing	
Protest	88	1	.2	Missing	
Missing	99	9	1.7	Missing	
	-----		-----	-----	
	Total	540	100.0	100.0	

Valid cases 122 Missing cases 418

Purchase Price of Item 1

Mean	6023.574	Median	3000.000	Mode	1000.000
Std dev	12489.167	Variance	155979302	Minimum	25.000
Maximum	126000.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 122 Missing cases 418

Percentage of time Item 1 is used for hunting in Saskatchewan

Mean	47.565	Median	40.000	Mode	100.000
Std dev	37.771	Variance	1426.669	Minimum	1.000
Maximum	100.000				

Valid cases 115 Missing cases 425

9.2 Item 2

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	.7	21.1	21.1
	2	7	1.3	36.8	57.9
	3	2	.4	10.5	68.4
	5	3	.6	15.8	84.2
	6	1	.2	5.3	89.5
	15	1	.2	5.3	94.7
	19	1	.2	5.3	100.0
Not Applicable	0	511	94.6	Missing	
Protest	88	1	.2	Missing	
Missing	99	9	1.7	Missing	
	-----		-----	-----	
	Total	540	100.0	100.0	

Valid cases 19 Missing cases 521

Purchase Price of Item 2

Mean	4623.684	Median	3500.000	Mode	500.000
Std dev	5808.958	Variance	33743991.2	Minimum	100.000
Maximum	25000.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 19 Missing cases 521

Percentage of time Item 2 is used for hunting in Saskatchewan

Mean	57.000	Median	50.000	Mode	50.000
Std dev	35.807	Variance	1282.111	Minimum	3.000
Maximum	100.000				

Valid cases 19 Missing cases 521

9.3 Item 3

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	.2	16.7	16.7
	6	1	.2	16.7	33.3
	8	1	.2	16.7	50.0
	15	2	.4	33.3	83.3
	19	1	.2	16.7	100.0
Not Applicable	0	524	97.0	Missing	
Protest	88	1	.2	Missing	
Missing	99	9	1.7	Missing	
	Total	540	100.0	100.0	

Valid cases 6 Missing cases 534

Purchase Price of Item 3

Mean	10950.000	Median	2100.000	Mode	500.000
Std dev	15114.728	Variance	228455000	Minimum	500.000
Maximum	35000.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 6 Missing cases 534

Percentage of time Item 3 is used for hunting in Saskatchewan

Mean	81.667	Median	95.000	Mode	100.000
Std dev	35.449	Variance	1256.667	Minimum	10.000
Maximum	100.000				

Valid cases 6 Missing cases 534

Whitetail Deer Hunters

Question 10. Which Saskatchewan licences did you hold, or are you planning on buying for 1992?

10.a Upland Game Bird

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	228	37.0	37.1	37.1
Yes	1	387	62.8	62.9	100.0
Missing	9	1	.2	Missing	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.b Waterfowl

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	283	45.9	46.0	46.0
Yes	1	332	53.9	54.0	100.0
Missing	9	1	.2	Missing	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.c Angling Licence

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	174	28.2	28.3	28.3
Yes	1	441	71.6	71.7	100.0
Missing	9	1	.2	Missing	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.d Antelope

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	438	71.1	71.2	71.2
Yes	1	177	28.7	28.8	100.0
Missing	9	1	.2	Missing	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.e Mule Deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	300	48.7	48.8	48.8
Yes	1	315	51.1	51.2	100.0
Missing	9	1	.2	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.f Whitetail Deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	38	6.2	6.2	6.2
Yes	1	577	93.7	93.8	100.0
Missing	9	1	.2	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.g Bear

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	549	89.1	89.3	89.3
Yes	1	66	10.7	10.7	100.0
Missing	9	1	.2	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.h Elk

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	535	86.9	87.0	87.0
Yes	1	80	13.0	13.0	100.0
Missing	9	1	.2	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.i Draw Elk

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	580	94.2	94.3	94.3
Yes	1	35	5.7	5.7	100.0
Missing	9	1	.2	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 615 Missing cases 1

10.j Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	485	78.7	78.9	78.9
Yes	1	130	21.1	21.1	100.0
Missing	9	1	.2	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	
Valid cases	615	Missing cases	1		

10.k Draw Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	582	94.5	94.6	94.6
Yes	1	33	5.4	5.4	100.0
Missing	9	1	.2	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	
Valid cases	615	Missing cases	1		

10.l Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	566	91.9	92.0	92.0
Yes	1	49	8.0	8.0	100.0
Missing	9	1	.2	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	
Valid cases	615	Missing cases	1		

Type of other licence

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Fur / Trapping	13	21	3.4	42.9	42.9
Non-trophy Antelope	41	2	.3	4.1	46.9
Non-trophy Whitetail	51	16	2.6	32.7	79.6
Non-trophy Mule deer	61	10	1.6	20.4	100.0
Not Applicable	0	567	92.0	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	
Valid cases	49	Missing cases	567		

Moose Hunters

Question 10. Which Saskatchewan licences did you hold, or are you planning on buying for 1992?

10.a Upland Game Bird

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	232	43.0	43.4	43.4
Yes	1	303	56.1	56.6	100.0
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	

Valid cases 535 Missing cases 5

10.b Waterfowl

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	314	58.1	58.7	58.7
Yes	1	221	40.9	41.3	100.0
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	

Valid cases 535 Missing cases 5

10.c Angling Licence

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	141	26.1	26.4	26.4
Yes	1	394	73.0	73.6	100.0
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	

Valid cases 535 Missing cases 5

10.d Antelope

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	436	80.7	81.5	81.5
Yes	1	99	18.3	18.5	100.0
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	

Valid cases 535 Missing cases 5

10.e Mule Deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	363	67.2	67.9	67.9
Yes	1	172	31.9	32.1	100.0
Missing	9	5	.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	
Valid cases	535	Missing cases	5		

10.f Whitetail Deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	68	12.6	12.7	12.7
Yes	1	467	86.5	87.3	100.0
Missing	9	5	.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	
Valid cases	535	Missing cases	5		

10.g Bear

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	471	87.2	88.0	88.0
Yes	1	64	11.9	12.0	100.0
Missing	9	5	.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	
Valid cases	535	Missing cases	5		

10.h Elk

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	427	79.1	79.8	79.8
Yes	1	108	20.0	20.2	100.0
Missing	9	5	.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	
Valid cases	535	Missing cases	5		

10.i Draw Elk

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	484	89.6	90.5	90.5
Yes	1	51	9.4	9.5	100.0
Missing	9	5	.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	
Valid cases	535	Missing cases	5		

10.j Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	189	35.0	35.3	35.3
Yes	1	346	64.1	64.7	100.0
Missing	9	5	.9	Missing	
		-----	-----		
Total		540	100.0	100.0	
Valid cases	535	Missing cases	5		

10.k Draw Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	450	83.3	84.1	84.1
Yes	1	85	15.7	15.9	100.0
Missing	9	5	.9	Missing	
		-----	-----		
Total		540	100.0	100.0	
Valid cases	535	Missing cases	5		

10.l Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	500	92.6	93.5	93.5
Yes	1	35	6.5	6.5	100.0
Missing	9	5	.9	Missing	
		-----	-----		
Total		540	100.0	100.0	
Valid cases	535	Missing cases	5		

Type of other licence

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Fur / Trapping	13	25	4.6	71.4	71.4
Non-trophy Antelope	41	1	.2	2.9	74.3
Non-trophy Whitetail	51	9	1.7	25.7	100.0
Not Applicable	0	504	93.3	Missing	
Missing	9	1	.2	Missing	
		-----	-----		
Total		540	100.0	100.0	
Valid cases	35	Missing cases	505		

Whitetail Deer Hunters

Question 11. Did you hunt in any part of Northwestern Saskatchewan this season?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	497	80.7	81.1	81.1
Yes	1	116	18.8	18.9	100.0
Missing	9	3	.5	Missing	
Total		616	100.0	100.0	
Valid cases	613	Missing cases	3		

Question 12. Why did you not go hunting in this area this season?

12.a It was too far or too expensive to travel that far

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	323	52.4	65.5	65.5
Yes	1	170	27.6	34.5	100.0
Not applicable	7	116	18.8	Missing	
Missing	9	7	1.1	Missing	
Total		616	100.0	100.0	
Valid cases	493	Missing cases	123		

12.b I did not harvest any deer there last year

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	469	76.1	95.1	95.1
Yes	1	24	3.9	4.9	100.0
Not applicable	7	116	18.8	Missing	
Missing	9	7	1.1	Missing	
Total		616	100.0	100.0	
Valid cases	493	Missing cases	123		

12.c I am unfamiliar with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	247	40.1	50.1	50.1
Yes	1	246	39.9	49.9	100.0
Not applicable	7	116	18.8	Missing	
Missing	9	7	1.1	Missing	
Total		616	100.0	100.0	
Valid cases	493	Missing cases	123		

12.d I have other favourite hunting areas

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	110	17.9	22.3	22.3
Yes	1	383	62.2	77.7	100.0
Not applicable	7	116	18.8	Missing	
Missing	9	7	1.1	Missing	
	Total	616	100.0	100.0	
Valid cases	493	Missing cases	123		

12.e I was unsuccessful in the draw for Moose for that region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	468	76.0	94.9	94.9
Yes	1	25	4.1	5.1	100.0
Not applicable	7	116	18.8	Missing	
Missing	9	7	1.1	Missing	
	Total	616	100.0	100.0	
Valid cases	493	Missing cases	123		

12.f Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	389	63.1	78.9	78.9
Yes	1	104	16.9	21.1	100.0
Not applicable	7	116	18.8	Missing	
Missing	9	7	1.1	Missing	
	Total	616	100.0	100.0	
Valid cases	493	Missing cases	123		

Other reasons

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	.3	1.9	1.9
	4	18	2.9	17.3	19.2
	5	1	.2	1.0	20.2
	6	3	.5	2.9	23.1
	7	5	.8	4.8	27.9
	8	2	.3	1.9	29.8
	9	3	.5	2.9	32.7
	10	1	.2	1.0	33.7
	11	2	.3	1.9	35.6
	12	3	.5	2.9	38.5
	13	1	.2	1.0	39.4
	15	11	1.8	10.6	50.0
	18	6	1.0	5.8	55.8
	19	2	.3	1.9	57.7
	23	2	.3	1.9	59.6
	24	5	.8	4.8	64.4

	28	1	.2	1.0	65.4
	29	2	.3	1.9	67.3
	30	1	.2	1.0	68.3
	32	1	.2	1.0	69.2
	38	1	.2	1.0	70.2
	40	1	.2	1.0	71.2
	43	1	.2	1.0	72.1
	44	2	.3	1.9	74.0
	45	1	.2	1.0	75.0
	46	1	.2	1.0	76.0
	47	1	.2	1.0	76.9
	49	2	.3	1.9	78.8
	50	2	.3	1.9	80.8
	51	7	1.1	6.7	87.5
	52	1	.2	1.0	88.5
	53	1	.2	1.0	89.4
	55	1	.2	1.0	90.4
	56	1	.2	1.0	91.3
	57	1	.2	1.0	92.3
	58	2	.3	1.9	94.2
	59	1	.2	1.0	95.2
	60	1	.2	1.0	96.2
	61	1	.2	1.0	97.1
	62	1	.2	1.0	98.1
	63	1	.2	1.0	99.0
	65	1	.2	1.0	100.0
Not applicable	0	512	83.1	Missing	
Total		616	100.0	100.0	
Valid cases	104	Missing cases	512		

Question 15. Why do you hunt in Northwestern Saskatchewan?

15.a Familiar with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	25	4.1	22.5	22.5
Yes	1	86	14.0	77.5	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
Total		616	100.0	100.0	
Valid cases	111	Missing cases	505		

15.b Access with region (highway network, logging roads)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	67	10.9	60.4	60.4
Yes	1	44	7.1	39.6	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
Total		616	100.0	100.0	
Valid cases	111	Missing cases	505		

15.c Good chance of harvesting an animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	34	5.5	30.6	30.6
Yes	1	77	12.5	69.4	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	

Valid cases 111 Missing cases 505

15.d Good chance of harvesting a trophy animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	59	9.6	53.2	53.2
Yes	1	52	8.4	46.8	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	

Valid cases 111 Missing cases 505

15.e Moose draw or other big game animals

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	90	14.6	81.1	81.1
Yes	1	21	3.4	18.9	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	

Valid cases 111 Missing cases 505

15.f Lack of commercial development

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	76	12.3	68.5	68.5
Yes	1	35	5.7	31.5	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	

Valid cases 111 Missing cases 505

15.g Nice area to set up a hunting camp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	71	11.5	64.0	64.0
Yes	1	40	6.5	36.0	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 111 Missing cases 505

15.h Close to Meadow Lake Provincial Park

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	90	14.6	81.1	81.1
Yes	1	21	3.4	18.9	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 111 Missing cases 505

15.i Own land or a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	82	13.3	73.9	73.9
Yes	1	29	4.7	26.1	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 111 Missing cases 505

15.j Know someone who owns land or has a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	71	11.5	64.0	64.0
Yes	1	40	6.5	36.0	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases 111 Missing cases 505

15.k Privacy from other hunters

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	63	10.2	56.8	56.8
Yes	1	48	7.8	43.2	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	
Valid cases	111	Missing cases	505		

15.l It's close to my home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	60	9.7	54.1	54.1
Yes	1	51	8.3	45.9	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	
Valid cases	111	Missing cases	505		

15.m Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	101	16.4	91.0	91.0
Yes	1	10	1.6	9.0	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	
Valid cases	111	Missing cases	505		

Other reasons

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	7	3	.5	30.0	30.0
	14	2	.3	20.0	50.0
	15	2	.3	20.0	70.0
	16	1	.2	10.0	80.0
	17	1	.2	10.0	90.0
	18	1	.2	10.0	100.0
Not Applicable	0	606	98.4	Missing	
	Total	616	100.0	100.0	
Valid cases	10	Missing cases	606		

Moose Hunters

Question 11. Did you hunt in any part of Northwestern Saskatchewan this season?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	308	57.0	57.2	57.2
Yes	1	230	42.6	42.8	100.0
Missing	9	2	.4	Missing	
	Total	540	100.0	100.0	
Valid cases	538	Missing cases	2		

Question 12. Why did you not go hunting in this area this season?

12.a It was too far or too expensive to travel that far

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	249	46.1	82.2	82.2
Yes	1	54	10.0	17.8	100.0
Not applicable	7	230	42.6	Missing	
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	
Valid cases	303	Missing cases	237		

12.b I did not harvest any Moose there last year

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	285	52.8	94.1	94.1
Yes	1	18	3.3	5.9	100.0
Not applicable	7	230	42.6	Missing	
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	
Valid cases	303	Missing cases	237		

12.c I am unfamiliar with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	167	30.9	55.1	55.1
Yes	1	136	25.2	44.9	100.0
Not applicable	7	230	42.6	Missing	
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	
Valid cases	303	Missing cases	237		

12.d I have other favourite hunting areas

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	84	15.6	27.7	27.7
Yes	1	219	40.6	72.3	100.0
Not applicable	7	230	42.6	Missing	
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	

Valid cases 303 Missing cases 237

12.e I was unsuccessful in the draw for Moose for that region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	283	52.4	93.4	93.4
Yes	1	20	3.7	6.6	100.0
Not applicable	7	230	42.6	Missing	
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	

Valid cases 303 Missing cases 237

12.f Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	239	44.3	78.6	78.6
Yes	1	65	12.0	21.4	100.0
Not applicable	7	229	42.4	Missing	
Missing	9	7	1.3	Missing	
	Total	540	100.0	100.0	

Valid cases 304 Missing cases 236

Other reasons

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	.6	4.3	4.3
	3	4	.7	5.8	10.1
	4	8	1.5	11.6	21.7
	5	1	.2	1.4	23.2
	6	2	.4	2.9	26.1
	7	9	1.7	13.0	39.1
	9	5	.9	7.2	46.4
	11	5	.9	7.2	53.6
	12	4	.7	5.8	59.4
	13	1	.2	1.4	60.9
	14	6	1.1	8.7	69.6
	15	3	.6	4.3	73.9
	17	1	.2	1.4	75.4
	19	2	.4	2.9	78.3
	21	1	.2	1.4	79.7
	23	1	.2	1.4	81.2
	29	2	.4	2.9	84.1

	30	1	.2	1.4	85.5
	31	1	.2	1.4	87.0
	32	1	.2	1.4	88.4
	34	1	.2	1.4	89.9
	35	1	.2	1.4	91.3
	36	1	.2	1.4	92.8
	39	1	.2	1.4	94.2
	40	1	.2	1.4	95.7
	41	1	.2	1.4	97.1
	42	1	.2	1.4	98.6
	64	1	.2	1.4	100.0
Not applicable	0	471	87.2	Missing	
Total		540	100.0	100.0	
Valid cases	69	Missing cases	471		

Question 15. Why do you hunt in Northwestern Saskatchewan?

15.a Familiar with the area

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	27	5.0	11.9	11.9
Yes	1	200	37.0	88.1	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
Total		540	100.0	100.0	
Valid cases	227	Missing cases	313		

15.b Access with region (highway network, logging roads)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	125	23.1	55.1	55.1
Yes	1	102	18.9	44.9	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
Total		540	100.0	100.0	
Valid cases	227	Missing cases	313		

15.c Good chance of harvesting an animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	62	11.5	27.3	27.3
Yes	1	165	30.6	72.7	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
Total		540	100.0	100.0	
Valid cases	227	Missing cases	313		

15.d Good chance of harvesting a trophy animal

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	174	32.2	76.7	76.7
Yes	1	53	9.8	23.3	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	

Valid cases 227 Missing cases 313

15.e Moose draw or other big game animals

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	159	29.4	70.0	70.0
Yes	1	68	12.6	30.0	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	

Valid cases 227 Missing cases 313

15.f Lack of commercial development

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	140	25.9	61.7	61.7
Yes	1	87	16.1	38.3	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	

Valid cases 227 Missing cases 313

15.g Nice area to set up a hunting camp

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	152	28.1	67.0	67.0
Yes	1	75	13.9	33.0	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	

Valid cases 227 Missing cases 313

15.h Close to Meadow Lake Provincial Park

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	210	38.9	92.5	92.5
Yes	1	17	3.1	7.5	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	
Valid cases	227	Missing cases	313		

15.i Own land or a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	171	31.7	75.0	75.0
Yes	1	57	10.6	25.0	100.0
Not applicable	7	307	56.9	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	
Valid cases	228	Missing cases	312		

15.j Know someone who owns land or has a cabin in the region

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	161	29.8	70.9	70.9
Yes	1	66	12.2	29.1	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	
Valid cases	227	Missing cases	313		

15.k Privacy from other hunters

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	114	21.1	50.2	50.2
Yes	1	113	20.9	49.8	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	
Valid cases	227	Missing cases	313		

15.l It's close to my home

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	93	17.2	41.0	41.0
Yes	1	134	24.8	59.0	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	
Valid cases	227	Missing cases	313		

15.m Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	212	39.3	93.4	93.4
Yes	1	15	2.8	6.6	100.0
Not applicable	7	308	57.0	Missing	
Missing	9	5	.9	Missing	
	Total	540	100.0	100.0	
Valid cases	227	Missing cases	313		

Other reasons

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	.4	12.5	12.5
	5	1	.2	6.3	18.8
	7	2	.4	12.5	31.3
	9	2	.4	12.5	43.8
	10	1	.2	6.3	50.0
	11	1	.2	6.3	56.3
	12	1	.2	6.3	62.5
	13	1	.2	6.3	68.8
	14	1	.2	6.3	75.0
	15	1	.2	6.3	81.3
	19	1	.2	6.3	87.5
	20	1	.2	6.3	93.8
	21	1	.2	6.3	100.0
Not Applicable	0	524	97.0	Missing	
	Total	540	100.0	100.0	
Valid cases	16	Missing cases	524		

Whitetail Deer Hunters

Question 13. How many hunting trips to Northwestern Saskatchewan did you make in 1992?

Mean	5.770	Median	2.000	Mode	1.000
Std dev	19.351	Variance	374.462	Minimum	1.000
Maximum	190.000				

Valid cases	100	Missing cases	516
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Question 14. How many trips did you make to Meadow Lake Provincial Park in 1992?

Mean	3.430	Median	1.000	Mode	.000
Std dev	17.617	Variance	310.342	Minimum	.000
Maximum	180.000				

Valid cases	107	Missing cases	509
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Question 16. Approximately what percentage of your total hunting expenditures (from question 7) occurred on hunting trips to the shaded area on the map?

Mean	51.682	Median	50.000	Mode	100.000
Std dev	35.491	Variance	1259.577	Minimum	.000
Maximum	100.000				

Valid cases	107	Missing cases	509
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Question 17. During your hunting trips to the shaded area of the map what other activities did you participate in?

17.a Fished

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	48	7.8	50.5	50.5
Yes	1	47	7.6	49.5	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	24	3.9	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases	95	Missing cases	521
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17.b Stayed in a motel/hotel

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	83	13.5	87.4	87.4
Yes	1	12	1.9	12.6	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	24	3.9	Missing	
		-----	-----	-----	
	Total	616	100.0	100.0	

Valid cases	95	Missing cases	521
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17.c Visited friends or relatives

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	56	9.1	58.9	58.9
Yes	1	39	6.3	41.1	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	24	3.9	Missing	
	Total	616	100.0	100.0	
Valid cases	95	Missing cases	521		

17.d Camped

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	50	8.1	52.6	52.6
Yes	1	45	7.3	47.4	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	24	3.9	Missing	
	Total	616	100.0	100.0	
Valid cases	95	Missing cases	521		

17.e Birdwatching

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	88	14.3	92.6	92.6
Yes	1	7	1.1	7.4	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	24	3.9	Missing	
	Total	616	100.0	100.0	
Valid cases	95	Missing cases	521		

17.f Visited Meadow Lake Provincial Park

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	71	11.5	74.7	74.7
Yes	1	24	3.9	25.3	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	24	3.9	Missing	
	Total	616	100.0	100.0	
Valid cases	95	Missing cases	521		

17.g Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	78	12.7	82.1	82.1
Yes	1	17	2.8	17.9	100.0
Not applicable	7	497	80.7	Missing	
Missing	9	24	3.9	Missing	
	Total	616	100.0	100.0	
Valid cases	95	Missing cases	521		

Type of other activities

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Live in the area	7	10	1.6	58.8	58.8
	8	2	.3	11.8	70.6
	15	2	.3	11.8	82.4
	16	1	.2	5.9	88.2
	17	1	.2	5.9	94.1
	18	1	.2	5.9	100.0
Not applicable	0	599	97.2	Missing	
	Total	616	100.0	100.0	
Valid cases	17	Missing cases	599		

Moose Hunters

Question 13. How many hunting trips to Northwestern Saskatchewan did you make in 1992?

Mean	4.000	Median	2.000	Mode	1.000
Std dev	8.445	Variance	71.314	Minimum	.000
Maximum	100.000				

Valid cases	208	Missing cases	332
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Question 14. How many trips did you make to Meadow Lake Provincial Park in 1992?

Mean	3.221	Median	.000	Mode	.000
Std dev	10.381	Variance	107.775	Minimum	.000
Maximum	100.000				

Valid cases	217	Missing cases	323
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Question 16. Approximately what percentage of your total hunting expenditures (from question 7) occurred on hunting trips to the shaded area on the map?

Mean	69.541	Median	80.000	Mode	100.000
Std dev	33.245	Variance	1105.236	Minimum	.000
Maximum	100.000				

Valid cases	218	Missing cases	322
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Question 17. During your hunting trips to the shaded area of the map what other activities did you participate in?

17.a Fished

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	87	16.1	45.5	45.5
Yes	1	104	19.3	54.5	100.0
Not applicable	7	312	57.8	Missing	
Missing	9	37	6.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	

Valid cases	191	Missing cases	349
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17.b Stayed in a motel/hotel

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	175	32.4	91.6	91.6
Yes	1	16	3.0	8.4	100.0
Not applicable	7	312	57.8	Missing	
Missing	9	37	6.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	

Valid cases	191	Missing cases	349
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17.c Visited friends or relatives

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	127	23.5	66.5	66.5
Yes	1	64	11.9	33.5	100.0
Not applicable	7	312	57.8	Missing	
Missing	9	37	6.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	

Valid cases 191 Missing cases 349

17.d Camped

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	83	15.4	43.5	43.5
Yes	1	108	20.0	56.5	100.0
Not applicable	7	312	57.8	Missing	
Missing	9	37	6.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	

Valid cases 191 Missing cases 349

17.e Birdwatching

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	172	31.9	90.1	90.1
Yes	1	19	3.5	9.9	100.0
Not applicable	7	312	57.8	Missing	
Missing	9	37	6.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	

Valid cases 191 Missing cases 349

17.f Visited Meadow Lake Provincial Park

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	162	30.0	84.8	84.8
Yes	1	29	5.4	15.2	100.0
Not applicable	7	312	57.8	Missing	
Missing	9	37	6.9	Missing	
		-----	-----	-----	
	Total	540	100.0	100.0	

Valid cases 191 Missing cases 349

17.g Other

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
No	0	158	29.3	82.7	82.7
Yes	1	33	6.1	17.3	100.0
Not applicable	7	312	57.8	Missing	
Missing	9	37	6.9	Missing	
	Total	540	100.0	100.0	
Valid cases	191	Missing cases	349		

Type of other activities

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	.7	10.3	10.3
	2	4	.7	10.3	20.5
	3	4	.7	10.3	30.8
	4	1	.2	2.6	33.3
	5	2	.4	5.1	38.5
Live in the area	7	14	2.6	35.9	74.4
	8	1	.2	2.6	76.9
	9	3	.6	7.7	84.6
	10	1	.2	2.6	87.2
	11	1	.2	2.6	89.7
	12	1	.2	2.6	92.3
	13	1	.2	2.6	94.9
	14	1	.2	2.6	97.4
	19	1	.2	2.6	100.0
Not applicable	0	501	92.8	Missing	
	Total	540	100.0	100.0	
Valid cases	39	Missing cases	501		

Whitetail Deer Hunters

Question 18. Please rate to what extent each of the following statements would add to or lessen your whitetail deer hunting enjoyment.

18.a Encountering another hunting party

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	157	25.5	26.3	26.3
	2	178	28.9	29.8	56.1
	3	228	37.0	38.2	94.3
	4	19	3.1	3.2	97.5
Increases Enjoyment	5	15	2.4	2.5	100.0
Missing	9	19	3.1	Missing	
		-----	-----	-----	
Total		616	100.0	100.0	
Valid cases	597	Missing cases	19		

18.b Road access to new sites

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	100	16.2	16.9	16.9
	2	86	14.0	14.6	31.5
	3	208	33.8	35.3	66.8
	4	125	20.3	21.2	88.0
Increases Enjoyment	5	71	11.5	12.0	100.0
Missing	9	26	4.2	Missing	
		-----	-----	-----	
Total		616	100.0	100.0	
Valid cases	590	Missing cases	26		

18.c Gates on roads

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	171	27.8	28.9	28.9
	2	140	22.7	23.7	52.6
	3	208	33.8	35.2	87.8
	4	42	6.8	7.1	94.9
Increases Enjoyment	5	30	4.9	5.1	100.0
Missing	9	25	4.1	Missing	
		-----	-----	-----	
Total		616	100.0	100.0	
Valid cases	591	Missing cases	25		

18.d Roads closed to vehicular traffic

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	152	24.7	26.1	26.1
	2	99	16.1	17.0	43.1
	3	147	23.9	25.3	68.4
	4	96	15.6	16.5	84.9
Increases Enjoyment	5	88	14.3	15.1	100.0
Missing	9	34	5.5	Missing	
Total		616	100.0	100.0	
Valid cases	582	Missing cases	34		

18.e Slash (large logs) on cut lines

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	148	24.0	25.5	25.5
	2	123	20.0	21.2	46.7
	3	219	35.6	37.8	84.5
	4	55	8.9	9.5	94.0
Increases Enjoyment	5	35	5.7	6.0	100.0
Missing	9	36	5.8	Missing	
Total		616	100.0	100.0	
Valid cases	580	Missing cases	36		

18.f Seeing twice as many Whitetail deer

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	3	.5	.5	.5
	2	3	.5	.5	1.0
	3	54	8.8	9.1	10.1
	4	127	20.6	21.4	31.5
Increases Enjoyment	5	406	65.9	68.5	100.0
Missing	9	23	3.7	Missing	
Total		616	100.0	100.0	
Valid cases	593	Missing cases	23		

18.g Seeing other kinds of wildlife (birds, Moose, squirrels, etc.)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	3	.5	.5	.5
	2	10	1.6	1.7	2.2
	3	37	6.0	6.2	8.4
	4	149	24.2	25.0	33.4
Increases Enjoyment	5	397	64.4	66.6	100.0
Missing	9	20	3.2	Missing	
Total		616	100.0	100.0	
Valid cases	596	Missing cases	20		

18.h Seeing or hearing logging equipment (trucks etc.)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	389	63.1	65.5	65.5
	2	125	20.3	21.0	86.5
	3	70	11.4	11.8	98.3
	4	5	.8	.8	99.2
Increases Enjoyment	5	5	.8	.8	100.0
Missing	9	22	3.6	Missing	
Total		616	100.0	100.0	
Valid cases	594	Missing cases	22		

18.i Deterioration of roads

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	147	23.9	24.9	24.9
	2	150	24.4	25.4	50.3
	3	239	38.8	40.4	90.7
	4	32	5.2	5.4	96.1
Increases Enjoyment	5	23	3.7	3.9	100.0
Missing	9	25	4.1	Missing	
Total		616	100.0	100.0	
Valid cases	591	Missing cases	25		

18.j Road corridors

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	87	14.1	15.4	15.4
	2	106	17.2	18.8	34.2
	3	268	43.5	47.5	81.7
	4	53	8.6	9.4	91.1
Increases Enjoyment	5	50	8.1	8.9	100.0
Missing	9	52	8.4	Missing	
Total		616	100.0	100.0	
Valid cases	564	Missing cases	52		

18.k Seeing a previously logged area replanted with seedlings or saplings

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	28	4.5	4.7	4.7
	2	26	4.2	4.4	9.1
	3	99	16.1	16.8	25.9
	4	150	24.4	25.4	51.3
Increases Enjoyment	5	288	46.8	48.7	100.0
Missing	9	25	4.1	Missing	
Total		616	100.0	100.0	
Valid cases	591	Missing cases	25		

Question 19. Which one of the items above increases enjoyment more than others?

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	.6	.7	.7
	2	13	2.1	2.2	2.9
	3	2	.3	.3	3.2
	4	26	4.2	4.4	7.6
	5	3	.5	.5	8.1
	6	271	44.0	45.8	53.9
	7	201	32.6	34.0	87.8
	8	2	.3	.3	88.2
	9	2	.3	.3	88.5
	10	4	.6	.7	89.2
	11	47	7.6	7.9	97.1
	12	11	1.8	1.9	99.0
	28	2	.3	.3	99.3
	32	2	.3	.3	99.7
	33	1	.2	.2	99.8
	35	1	.2	.2	100.0
Missing	99	24	3.9	Missing	
Total		616	100.0	100.0	
Valid cases	592	Missing cases	24		

Question 20. Which one of the items above decreases enjoyment more than others?

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	87	14.1	14.8	14.8
	2	33	5.4	5.6	20.5
	3	45	7.3	7.7	28.2
	4	66	10.7	11.3	39.4
	5	17	2.8	2.9	42.3
	7	3	.5	.5	42.8
	8	269	43.7	45.9	88.7
	9	26	4.2	4.4	93.2
	10	16	2.6	2.7	95.9
	11	10	1.6	1.7	97.6
	22	1	.2	.2	97.8
	26	3	.5	.5	98.3
	27	1	.2	.2	98.5
	29	2	.3	.3	98.8
	30	2	.3	.3	99.1
	34	2	.3	.3	99.5
	35	1	.2	.2	99.7
	36	1	.2	.2	99.8
	38	1	.2	.2	100.0
Missing	99	30	4.9	Missing	
Total		616	100.0	100.0	
Valid cases	586	Missing cases	30		

Moose Hunters

Question 18. Please rate to what extent each of the following statements would add to or lessen your Moose hunting enjoyment.

18.a Encountering another hunting party

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	159	29.4	30.5	30.5
	2	148	27.4	28.4	58.8
	3	196	36.3	37.5	96.4
	4	11	2.0	2.1	98.5
Increases Enjoyment	5	8	1.5	1.5	100.0
Missing	9	18	3.3	Missing	
Total		540	100.0	100.0	
<hr/>					
Valid cases	522	Missing cases	18		

18.b Road access to new sites

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	159	29.4	30.6	30.6
	2	98	18.1	18.8	49.4
	3	153	28.3	29.4	78.8
	4	63	11.7	12.1	91.0
Increases Enjoyment	5	47	8.7	9.0	100.0
Missing	9	20	3.7	Missing	
Total		540	100.0	100.0	
<hr/>					
Valid cases	520	Missing cases	20		

18.c Gates on roads

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	211	39.1	41.0	41.0
	2	87	16.1	16.9	57.9
	3	124	23.0	24.1	81.9
	4	34	6.3	6.6	88.5
Increases Enjoyment	5	59	10.9	11.5	100.0
Missing	9	25	4.6	Missing	
Total		540	100.0	100.0	
<hr/>					
Valid cases	515	Missing cases	25		

18.d Roads closed to vehicular traffic

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	134	24.8	25.7	25.7
	2	62	11.5	11.9	37.6
	3	129	23.9	24.8	62.4
	4	84	15.6	16.1	78.5
Increases Enjoyment	5	112	20.7	21.5	100.0
Missing	9	19	3.5	Missing	
Total		540	100.0	100.0	
Valid cases	521	Missing cases	19		

18.e Slash (large logs) on cut lines

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	156	28.9	30.1	30.1
	2	78	14.4	15.0	45.1
	3	176	32.6	33.9	79.0
	4	54	10.0	10.4	89.4
Increases Enjoyment	5	55	10.2	10.6	100.0
Missing	9	21	3.9	Missing	
Total		540	100.0	100.0	
Valid cases	519	Missing cases	21		

18.f Seeing twice as many Moose

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	4	.7	.8	.8
	2	7	1.3	1.3	2.1
	3	42	7.8	8.1	10.2
	4	75	13.9	14.4	24.6
Increases Enjoyment	5	392	72.6	75.4	100.0
Missing	9	20	3.7	Missing	
Total		540	100.0	100.0	
Valid cases	520	Missing cases	20		

18.g Seeing other kinds of wildlife (birds, Deer, squirrels, etc.)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	6	1.1	1.2	1.2
	2	9	1.7	1.7	2.9
	3	61	11.3	11.7	14.6
	4	130	24.1	25.0	39.6
Increases Enjoyment	5	314	58.1	60.4	100.0
Missing	9	20	3.7	Missing	
Total		540	100.0	100.0	
Valid cases	520	Missing cases	20		

18.h Seeing or hearing logging equipment (trucks etc.)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	350	64.8	67.0	67.0
	2	98	18.1	18.8	85.8
	3	63	11.7	12.1	97.9
	4	4	.7	.8	98.7
Increases Enjoyment	5	7	1.3	1.3	100.0
Missing	9	18	3.3	Missing	
Total		540	100.0	100.0	

Valid cases 522 Missing cases 18

18.i Deterioration of roads

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	95	17.6	18.2	18.2
	2	87	16.1	16.7	34.9
	3	221	40.9	42.4	77.4
	4	61	11.3	11.7	89.1
Increases Enjoyment	5	57	10.6	10.9	100.0
Missing	9	19	3.5	Missing	
Total		540	100.0	100.0	

Valid cases 521 Missing cases 19

18.j Road corridors

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	136	25.2	26.6	26.6
	2	81	15.0	15.9	42.5
	3	154	28.5	30.1	72.6
	4	55	10.2	10.8	83.4
Increases Enjoyment	5	85	15.7	16.6	100.0
Missing	9	29	5.4	Missing	
Total		540	100.0	100.0	

Valid cases 511 Missing cases 29

18.k Seeing a previously logged area replanted with seedlings or saplings

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Lessens Enjoyment	1	29	5.4	5.6	5.6
	2	19	3.5	3.7	9.3
	3	81	15.0	15.7	25.0
	4	120	22.2	23.2	48.2
Increases Enjoyment	5	268	49.6	51.8	100.0
Missing	9	23	4.3	Missing	
Total		540	100.0	100.0	

Valid cases 517 Missing cases 23

Question 19. Which one of the items above increases enjoyment more than others?

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	8	1.5	1.5	1.5
	2	10	1.9	1.9	3.5
	3	5	.9	1.0	4.4
	4	26	4.8	5.0	9.4
	5	5	.9	1.0	10.4
	6	315	58.3	60.6	71.0
	7	84	15.6	16.2	87.1
	8	1	.2	.2	87.3
	9	3	.6	.6	87.9
	10	1	.2	.2	88.1
	11	40	7.4	7.7	95.8
	12	16	3.0	3.1	98.8
	13	2	.4	.4	99.2
	28	2	.4	.4	99.6
	31	1	.2	.2	99.8
	32	1	.2	.2	100.0
Protest	88	1	.2	Missing	
Missing	99	19	3.5	Missing	
Total		540	100.0	100.0	
Valid cases	520	Missing cases	20		

Question 20. Which one of the items above decreases enjoyment more than others?

For explanation of codes for values given see Appendix C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	75	13.9	14.5	14.5
	2	50	9.3	9.7	24.2
	3	40	7.4	7.8	32.0
	4	29	5.4	5.6	37.6
	5	23	4.3	4.5	42.1
	6	2	.4	.4	42.4
	7	1	.2	.2	42.6
	8	222	41.1	43.0	85.7
	9	14	2.6	2.7	88.4
	10	37	6.9	7.2	95.5
	11	10	1.9	1.9	97.5
	18	2	.4	.4	97.9
	19	1	.2	.2	98.1
	23	1	.2	.2	98.3
	25	1	.2	.2	98.4
	26	2	.4	.4	98.8
	27	2	.4	.4	99.2
	29	2	.4	.4	99.6
	30	1	.2	.2	99.8
	39	1	.2	.2	100.0
Protest	88	1	.2	Missing	
Missing	99	23	4.3	Missing	
Total		540	100.0	100.0	
Valid cases	516	Missing cases	24		

Whitetail Deer Hunters

Question 22. Are you male or female?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Female	0	10	1.6	1.6	1.6
Male	1	602	97.7	98.4	100.0
Missing	9	4	.6	Missing	
	Total	616	100.0	100.0	
Valid cases	612	Missing cases	4		

Question 23. What is your age, in years?

Mean	40.366	Median	37.000	Mode	32.000
Std dev	14.488	Variance	209.897	Minimum	16.000
Maximum	90.000				

* Multiple modes exist. The smallest value is shown.

Valid cases	610	Missing cases	6
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Question 24. What is the size of your town or city?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Rural	1	128	20.8	21.0	21.0
Small town	2	122	19.8	20.0	41.1
Urban	3	359	58.3	58.9	100.0
Protest	8	1	.2	Missing	
Missing	9	6	1.0	Missing	
	Total	616	100.0	100.0	
Valid cases	609	Missing cases	7		

Question 26. Please indicate the highest level of education you have completed.

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Primary school	1	4	.6	.7	.7
Elementary school	2	11	1.8	1.8	2.5
High school	3	316	51.3	52.2	54.7
Trade school, tech. college	4	155	25.2	25.6	80.3
University	5	82	13.3	13.6	93.9
Graduate degree	6	37	6.0	6.1	100.0
Protest	8	3	.5	Missing	
Missing	9	8	1.3	Missing	
	Total	616	100.0	100.0	
Valid cases	605	Missing cases	11		

Question 27. How many years of hunting experience do you have?

Mean	23.639	Median	20.000	Mode	20.000
Std dev	14.231	Variance	202.534	Minimum	1.000
Maximum	80.000				

Valid cases	609	Missing cases	7
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Question 28. Which of the following categories best represents your annual household income before taxes?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
\$0 - \$10,000	1	29	4.7	5.0	5.0
\$10,001 - \$20,000	2	64	10.4	11.0	16.0
\$20,001 - \$30,000	3	91	14.8	15.6	31.6
\$30,001 - \$40,000	4	119	19.3	20.4	52.0
\$40,001 - \$50,000	5	88	14.3	15.1	67.1
\$50,001 - \$60,000	6	74	12.0	12.7	79.8
\$60,001 - \$70,000	7	50	8.1	8.6	88.3
\$70,001 - \$80,000	8	26	4.2	4.5	92.8
\$80,001 - \$90,000	9	19	3.1	3.3	96.1
\$90,001 - \$100,000	10	7	1.1	1.2	97.3
Over \$100,000	11	16	2.6	2.7	100.0
Protest	88	3	.5	Missing	
Missing	99	30	4.9	Missing	
Total		616	100.0	100.0	

Valid cases	583	Missing cases	33
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Question 29. How many persons in your household contribute to this income?

Mean	1.651	Median	2.000	Mode	2.000
Std dev	.602	Variance	.363	Minimum	1.000
Maximum	6.000				

Valid cases	579	Missing cases	37
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Moose Hunters

Question 22. Are you male or female?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Female	0	2	.4	.4	.4
Male	1	532	98.5	99.6	100.0
Missing	9	6	1.1	Missing	
Total		540	100.0	100.0	
Valid cases	534	Missing cases	6		

Question 23. What is your age, in years?

Mean	40.667	Median	39.000	Mode	37.000
Std dev	12.314	Variance	151.631	Minimum	15.000
Maximum	82.000				
Valid cases	532	Missing cases	8		

Question 24. What is the size of your town or city?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Rural	1	143	26.5	26.9	26.9
Small town	2	132	24.4	24.8	51.7
Urban	3	257	47.6	48.3	100.0
Missing	9	8	1.5	Missing	
Total		540	100.0	100.0	
Valid cases	532	Missing cases	8		

Question 26. Please indicate the highest level of education you have completed.

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Primary school	1	3	.6	.6	.6
Elementary school	2	24	4.4	4.6	5.2
High school	3	299	55.4	57.2	62.3
Trade school, tech. college	4	138	25.6	26.4	88.7
University	5	39	7.2	7.5	96.2
Graduate degree	6	20	3.7	3.8	100.0
Protest	8	1	.2	Missing	
Missing	9	16	3.0	Missing	
Total		540	100.0	100.0	
Valid cases	523	Missing cases	17		

Question 27. How many years of hunting experience do you have?

Mean	23.946	Median	22.000	Mode	20.000
Std dev	11.781	Variance	138.788	Minimum	1.000
Maximum	70.000				

Valid cases	533	Missing cases	7
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Question 28. Which of the following categories best represents your annual household income before taxes?

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
\$0 - \$10,000	1	28	5.2	5.6	5.6
\$10,001 - \$20,000	2	50	9.3	10.0	15.6
\$20,001 - \$30,000	3	81	15.0	16.2	31.7
\$30,001 - \$40,000	4	101	18.7	20.2	51.9
\$40,001 - \$50,000	5	72	13.3	14.4	66.3
\$50,001 - \$60,000	6	64	11.9	12.8	79.0
\$60,001 - \$70,000	7	40	7.4	8.0	87.0
\$70,001 - \$80,000	8	19	3.5	3.8	90.8
\$80,001 - \$90,000	9	17	3.1	3.4	94.2
\$90,001 - \$100,000	10	6	1.1	1.2	95.4
Over \$100,000	11	23	4.3	4.6	100.0
Protest	88	2	.4	Missing	
Missing	99	37	6.9	Missing	
Total		540	100.0	100.0	

Valid cases	501	Missing cases	39
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Question 29. How many persons in your household contribute to this income?

Mean	1.764	Median	2.000	Mode	2.000
Std dev	.926	Variance	.857	Minimum	1.000
Maximum	10.000				

Valid cases	504	Missing cases	36
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APPENDIX C
Coded Responses

Question 5 If for some reason you could not go hunting next year in your favourite hunting zone, or if the season closed, what sorts of activities would you do instead?

Other Activities Codes

- 1 = work
- 2 = trapping
- 3 = skidooing, snowmobiling
- 4 = skiing
- 5 = hunt birds, hunt more birds
- 6 = hunt something different
- 7 = stay home
- 8 = do nothing at all
- 9 = trail bike riding, ride ATV
- 10 = canoeing, boating
- 11 = miscellaneous
- 12 = building
- 13 = archery
- 14 = outdoor sports, horseback riding
- 15 = taxidermy
- 16 = trap shooting
- 17 = coaching
- 18 = indoor shooting, target shooting, range shooting
- 19 = hunt more deer
- 20 = cut and haul firewood
- 21 = guiding
- 22 = harvest wild rice
- 23 = travel
- 24 = go to movies
- 25 = gardening
- 26 = flying
- 27 = art, hobbies
- 28 = would not hunt
- 29 = exercise

Other Zones Codes

- 99 = no answer, not sure
- 88 = anywhere, does not matter
- 98 = North SK
- 97 = South SK
- 96 = East SK
- 95 = West SK
- 94 = Central SK
- 93 = Out of Prov
- 87 = Fringe Farmland
- 86 = NE SK
- 85 = NW SK
- 84 = SW SK
- 83 = SE SK
- 80 = Unknown (Cannot find on map)

Question 8 Please indicate the amount of money spend on all hunting trips during 1992, excluding licence fees.

Other Expenditures Codes

- 1 = shovel
- 2 = taxidermy
- 3 = butchering, processing
- 4 = cabin permit or lease or taxes
- 5 = cabin supplies (eg. power or propane) and maintenance
- 6 = car parts (eg. tires)
- 7 = power plant
- 8 = clothing
- 9 = Total expenditures (not broken down)
- 10 = rifle equipment, rifle
- 11 = habitat or topographic maps
- 12 = miscellaneous
- 13 = guide
- 14 = pull sleigh
- 15 = trailer
- 16 = babysitter, child care
- 17 = decoys
- 18 = camera equipment
- 19 = other hunting
- 20 = archery equipment
- 21 = binoculars

Question 9 If you made any major purchases (trucks, ATVs, cabins) for hunting in Saskatchewan (in 1992), that are used in whole or in part for hunting in Saskatchewan, please list the items, the purchase price and the extent to which this item is used for hunting in Saskatchewan.

Item Codes

- | | |
|---------------------------------|----------------------------------|
| 1 = truck, car, bus | 13 = sleigh, snow toboggan, sled |
| 2 = atv, bike | 14 = tent |
| 3 = boat or canoe | 15 = miscellaneous |
| 4 = plane | 16 = gun boot, ATV fixture |
| 5 = snowmobile | 17 = hunting dog, training equip |
| 6 = cabin | 18 = hunting camp |
| 7 = camper / mobile home | 19 = trailer |
| 8 = gun | 20 = decoys |
| 9 = rifle equipment (eg. scope) | 21 = blind, tree stand |
| 10 = tractor | 22 = winch |
| 11 = bow and/or arrows | 23 = power plant |
| 12 = binoculars | 24 = saw |
| | 25 = hunting shack |

Question 10 Which Saskatchewan licences did you hold, or are you planning on buying for 1992?

Other Licences Codes

- 13 = Fur / trapping
- 17 = Caribou
- 19 = Youth game licence
- 41 = Non-trophy antelope
- 51 = Non-trophy whitetail deer
- 61 = Non-trophy mule deer

Question 12 Why did you not go hunting in this area this season?

Other Reasons Codes

- 1 = closed for Caribou
- 2 = cannot afford time away from family
- 3 = poor Moose/Deer/animal populations
- 4 = no time
- 5 = do not know how to get into area; lack of road access
- 6 = cabin or property elsewhere
- 7 = did not hunt this year
- 8 = I live in, or close to, a good hunting area
- 9 = successful in draw in another zone; did not apply in NW zones
- 10 = live in, or close to, another zone
- 11 = working
- 12 = too much hunting pressure from Native hunting, (some perceive unsafe due to Native hunting)
- 13 = area is over-hunted; too many hunters
- 14 = did not hunt Moose this year
- 15 = hunt near home, hunt in another zone
- 16 = used up vacation time
- 17 = do not know anyone with which to hunt in that area
- 18 = no desire
- 19 = work prohibits long distance travel
- 20 = there are better areas in which to hunt
- 21 = bad experience with Natives in the area
- 22 = too many DNR
- 23 = could not get a friend or a group together to go there; did not have anyone to go with, hunting partner could not go
- 24 = did not need to go
- 25 = too hard to take care of meat
- 26 = do not like hunting in the forest
- 27 = outfitters - too much land tied up for their clients
- 28 = too old
- 29 = too much logging
- 30 = could not get away
- 32 = late harvest
- 33 = too much activity in this area
- 34 = not enough ATV regulations

- 35 = not able to travel
- 36 = do not like regulations
- 37 = too many wolves
- 38 = moved away
- 39 = wanted to hunt trophy in another zone
- 40 = friends in another zone
- 41 = too much posted land
- 42 = bad hunting conditions (no snow)
- 43 = never thought about the area
- 44 = do not have the equipment to hunt there
- 45 = you cannot be everywhere
- 46 = no time to familiarize myself with the area
- 47 = do not know who owns or operates land (permission)
- 48 = was working there
- 49 = better variety of game closer to home
- 50 = hunted there before with no luck
- 51 = did not apply for draw
- 52 = hunt elk and fish there, do not hunt whitetail deer there
- 53 = planning to go there in the future
- 54 = too many outfitters and American hunters
- 55 = better chance of trophy in the south
- 56 = know the area but it is not my first choice
- 57 = more deer in grassland than forest
- 58 = do not go that far for Deer, do not hunt Deer there
- 59 = still exploring the areas that I hunt
- 60 = no accommodations (free)
- 61 = I am 16
- 62 = if I am going to travel that far, I would rather go to Flin Flon
- 63 = 1200 head of cattle, posted land, guides only
- 64 = place I used to hunt was hosted 'No Hunting' for 1992 season
- 65 = I perceive this as a Moose area; I do not hunt Moose
- 66 = I never tried hunting there before

Question 15 Why do you hunt in Northwestern Saskatchewan?

Other Reasons Codes

u

- 1 = poor animal populations in other zones
- 2 = no logging going on
- 3 = different area
- 4 = great place to hunt
- 5 = hunt from home
- 6 = limited time to go further
- 7 = live there
- 8 = miscellaneous
- 9 = beautiful country
- 10 = I hunt Bear and Moose in same area
- 11 = cannot afford to go elsewhere
- 12 = hunted there for a long time
- 13 = close to forest boundary
- 14 = close to friend or relative's home
- 15 = only hunt Moose in this area
- 16 = just looking for big Whitetail deer and Moose
- 17 = provincial park just opened up for Moose hunting
- 18 = it is in the provincial forest, I am a treaty Indian and I can hunt without a licence
- 19 = wild rice leases
- 20 = like to hunt with family and friends
- 21 = heard it was a good area for Moose and Elk but there were too many hunters

Question 17 During your hunting trips to the shaded area of the map what other activities did you participate in?

Other Activities Codes

- 1 = cabin
- 2 = hike
- 3 = boating or canoeing
- 4 = shopping
- 5 = miscellaneous
- 6 = riding ATV or trail bike

- 7 = live there
- 8 = other hunting, scouting for game
- 9 = sight seeing
- 10 = trapping
- 11 = hired outfitter
- 12 = picked blueberries
- 13 = made home videos of wildlife
- 14 = harvested wild rice
- 15 = work
- 16 = water sports
- 17 = work on farm
- 18 = guiding
- 19 = photography

Question 19 and 20 Which one of the items above increases (decreases) your enjoyment more than others?

Codes for Combination Responses

- 1 = Encountering another hunting party
- 2 = Road access to new sites
- 3 = Gates on roads
- 4 = Roads closed to vehicular traffic
- 5 = Slash (large logs) on cut lines
- 6 = Seeing twice as many Whitetail deer (or Moose)
- 7 = Seeing other kinds of wildlife
- 8 = Seeing or hearing logging equipment
- 9 = Deterioration of roads
- 10 = Road corridors
- 11 = Seeing a previously logged area replanted with seedlings or saplings
- 12 = Seeing twice as many Deer (or Moose) and seeing other kinds of wildlife
- 13 = Road access to new sites and seeing twice as many Deer (or Moose)
- 14 = Seeing a previously logged area replanted and road access to new sites
- 15 = Slash on cut lines and seeing other kinds of wildlife
- 16 = Encountering another hunting party and seeing twice as many Deer (or Moose)
- 17 = Slash on cut lines and seeing or hearing logging equipment
- 18 = Encountering another hunting party and road access to new sites
- 19 = Deterioration of roads and road corridors
- 20 = Gates on roads and road corridors
- 22 = Gates on roads and roads closed to vehicular traffic
- 23 = Seeing or hearing logging equipment and road corridors
- 24 = Road access to new sites and road corridors
- 25 = Seeing other kinds of wildlife and deterioration of roads
- 26 = Encountering another hunting party and seeing or hearing logging equipment
- 27 = Gates on roads and slash on cut lines
- 28 = Seeing twice as many Deer (or Moose) and seeing a previously logged area replanted
- 29 = Roads closed to vehicular traffic and road corridors
- 30 = Gates on roads and seeing or hearing logging equipment
- 31 = Seeing twice as many Deer (or Moose) and deterioration of roads
- 32 = Seeing other kinds of wildlife and seeing a previously logged area replanted
- 33 = Roads closed to vehicular traffic and seeing other kinds of wildlife
- 34 = Roads closed to vehicular traffic and seeing or hearing logging equipment
- 35 = Roads closed to vehicular traffic and slash on cut lines
- 36 = Seeing or hearing logging equipment and seeing a previously logged area replanted
- 37 = Road access to new sites and seeing or hearing logging equipment
- 38 = Slash on cut lines and deterioration of roads
- 39 = Encountering another hunting party and gates on roads

Whitetail Deer Hunting In Saskatchewan



University of Alberta
Edmonton

Canada-Saskatchewan
Partnership Agreement
in Forestry



Entente d'association
Canada-Saskatchewan
en foresterie

HUNTING IN SASKATCHEWAN

We would like to know what you think about Saskatchewan's hunting resources. What do you look for when choosing a hunting site in Saskatchewan? Where do you hunt? How often? How is your hunting enjoyment affected by changes in wildlife habitat? Your answers are important as they will help contribute to more effective management of Saskatchewan's wildlife resources.

1. Factors You Consider In Selecting A Hunting Area

When you decide to go hunting, how important are the following factors in deciding where you want to hunt? (Please circle the number on the 5 point scale below that best reflects the importance of each item where 1 means the factor is not important in your decision and 5 means it is very important.)

	<u>Not Important</u>		<u>Somewhat Important</u>		<u>Very Important</u>
a. Familiarity with the area	1	2	3	4	5
b. Good access to region (paved roads, 2-Wheel Drive access)	1	2	3	4	5
c. Good chance of harvesting an animal	1	2	3	4	5
d. Naturalness of the area or lack of development	1	2	3	4	5
e. Seeing wildlife other than Whitetail deer (e.g. hawks, squirrels)	1	2	3	4	5
f. Nice area for a hunting camp	1	2	3	4	5
g. Own or know someone who owns land or a cabin in the region	1	2	3	4	5
h. Privacy from other hunters	1	2	3	4	5
i. Distance from home	1	2	3	4	5
j. Opportunities to hunt with family or friends	1	2	3	4	5



2. While hunting on your **typical hunting trip** did you?: (Please ☒ all that apply)

- ☐ Use a 2-wheel drive vehicle
- ☐ Use a 4-wheel drive vehicle
- ☐ Use a trail bike or ATV
- ☐ Use a snowmobile
- ☐ Use horses
- ☐ Use a boat
- ☐ Hike or backpack



3. What is your favourite hunting zone?

Zone _____

4. How many years in the last 10 years have you or your party hunted in your favourite zone (from question 3)?

_____ years

5. If for some reason you could **not** go hunting next year in your **favourite** hunting zone, or if the season closed, what sorts of activities would you do instead? (Please ☒ all that apply)

Where? (Zone or Landmark)

- ☐ Fishing
- ☐ Camping
- ☐ Wildlife viewing, Hiking, Photography
- ☐ Indoor sports, Attend professional sporting events
- ☐ Other (please specify)

- ☐ Hunt elsewhere (please specify zone or landmark)

6. How many hunting trips (for any species) did you take in Saskatchewan in the **1992 season**?

_____ trips.

7. For each hunting trip in the 1992 hunting season, please complete the following information if you took more than 10 trips, only list the first 10.

Trip No.	Date you left Home for your Trip	Length of Trip (Days)	No. of Individuals in Hunting Party	Distance from Home to Site (km one way and travel time in hours)	Game Harvested by Yourself / Game Harvested by Your Total Party	Management Area Number or Nearest Landmark, Town	Type of Accommodation eg. camping, motel, etc.
<i>Eg.</i>	<i>Nov. 14, 1992</i>	<i>5 days</i>	<i>4</i>	<i>50 km, 3/4 hrs</i>	<i>1 Moose / 3 Moose</i>	<i>66</i>	<i>camped</i>
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Expenditures on hunting are one measure of the economic importance of wildlife resources. We would like to know what your expenses are while hunting in Saskatchewan. This information may be used in land management planning decisions affecting wildlife habitat.

8. Please indicate the amount of money spent on all hunting trips **during 1992, excluding licence fees.** (Where no expenditure was incurred, please write 0)

Transportation (incl. oil, gas, airfare, bus, etc.)	_____
Accommodation (hotels, campsite fees, etc.)	_____
Restaurant meals	_____
Other food (including alcohol)	_____
Rentals and Repairs (including towing)	_____
Equipment purchased specifically for the trip (i.e. boots, weapons, ammunition, etc.)	_____
Other (please specify) _____	_____

9. If you made any major purchases (trucks, ATVs, cabins) for hunting in Saskatchewan (in 1992), that are used in whole or in part for hunting in Saskatchewan, please list the item, the purchase price and the extent to which this item is used for hunting in Saskatchewan.

Item	Purchase Price	Percentage of time Item is used for hunting in Saskatchewan
_____	\$ _____	_____ %
_____	\$ _____	_____ %
_____	\$ _____	_____ %

10. Which Saskatchewan licences did you hold, or are you planning on buying for 1992? (Please ☒ all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Upland Game Bird | <input type="checkbox"/> Bear |
| <input type="checkbox"/> Waterfowl | <input type="checkbox"/> Elk |
| <input type="checkbox"/> Angling Licence | <input type="checkbox"/> Draw Elk |
| <input type="checkbox"/> Antelope | <input type="checkbox"/> Moose |
| <input type="checkbox"/> Mule Deer | <input type="checkbox"/> Draw Moose |
| <input type="checkbox"/> Whitetail Deer | <input type="checkbox"/> Other (please specify) |

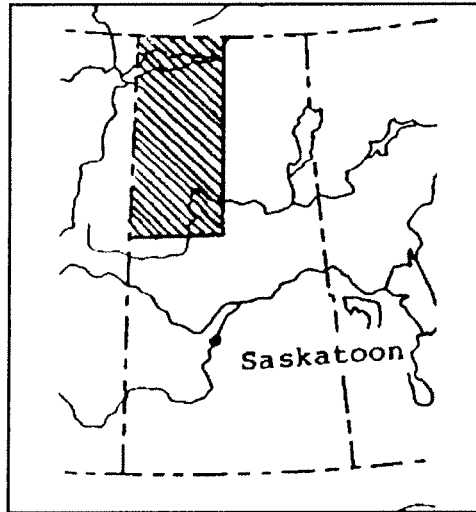


HUNTING IN NORTHWESTERN SASKATCHEWAN

Northwestern Saskatchewan is an important area for hunting and there has been increased economic activity in this region. We are interested in your opinions about hunting quality in this region. Even if you did not hunt in Northwestern Saskatchewan please answer the following questions.

11. Looking at the map provided below, did you hunt in any part of **Northwestern Saskatchewan** (the shaded area) the map this season? (Please ☒)

- ☐ YES
☐ NO



If you answered NO to question 11, please answer question 12.

12. Why did you not go hunting in this area this season? (Please ☒ all that apply)

- ☐ It was too far or too expensive to travel that far
☐ I did not harvest any deer there last year
☐ I am unfamiliar with the area
☐ I have other favourite hunting areas
☐ I was unsuccessful in the draw for Moose for that region

☐ Other (please specify) _____

Please go to question 18.

If you answered YES to question 11, please answer the following questions.

13. How many hunting trips to **Northwestern Saskatchewan** (the shaded area on the map) did you make in 1992?

_____ trips.

14. How many trips did you make to **Meadow Lake Provincial Park** in 1992?

_____ trips.

15. Why do you hunt in **Northwestern Saskatchewan**? (Please ☒ all that apply)

- ☐ Familiar with the area
- ☐ Access within region (highway network, logging roads)
- ☐ Good chance of harvesting an animal
- ☐ Good chance of harvesting a trophy animal
- ☐ Moose draw or other big game animals
- ☐ Lack of commercial development
- ☐ Nice area to set up a hunting camp
- ☐ Close to Meadow Lake Provincial Park
- ☐ Own land or a cabin in the region
- ☐ Know someone who owns land or has a cabin in the region
- ☐ Privacy from other hunters
- ☐ It's close to my home
- ☐ Other (please specify) _____

16. Approximately what percentage of your total hunting expenditures (from question 7, on page 4) occurred on hunting trips to the shaded area on the map?

_____ percent

17. During your hunting trips to the shaded area of the map what **other activities** did you participate in? (Please ☒ all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Fished | <input type="checkbox"/> Camped |
| <input type="checkbox"/> Stayed in a motel / hotel | <input type="checkbox"/> Birdwatching |
| <input type="checkbox"/> Visited friends or relatives | <input type="checkbox"/> Visited Meadow Lake Provincial Park |
| <input type="checkbox"/> Other (please specify) _____ | |



EFFECTS OF CHANGING HUNTING CONDITIONS

18. Listed below are several statements about the management and development of Whitetail deer habitat (forested areas). Please rate to what extent each would add to or lessen your Whitetail deer hunting enjoyment by circling the appropriate number.

	<u>Lessens Enjoyment</u>				<u>Increases Enjoyment</u>
a. Encountering another hunting party	1	2	3	4	5
b. Road access to new sites	1	2	3	4	5
c. Gates on roads	1	2	3	4	5
d. Roads closed to vehicular traffic	1	2	3	4	5
e. Slash (large logs) on cut lines	1	2	3	4	5
f. Seeing twice as many Whitetail deer	1	2	3	4	5
g. Seeing other kinds of wildlife (birds, moose, squirrels, etc.)	1	2	3	4	5
h. Seeing or hearing logging equipment (trucks etc.)	1	2	3	4	5
i. Deterioration of roads	1	2	3	4	5
j. Road corridors	1	2	3	4	5
k. Seeing a previously logged area replanted with seedlings or saplings	1	2	3	4	5

19. Which **one** of the items above increases enjoyment more than others? _____

20. Which **one** of the items above decreases enjoyment more than others? _____

21.

*On the following page are some hypothetical hunting options you are asked to consider. We emphasize that these are **hypothetical** and are **not** being considered as part of any government policy.*

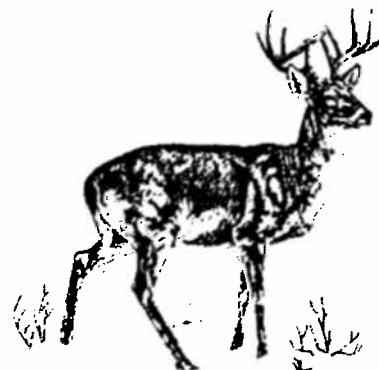
Consider the choice of hunting in sites A or B:

These descriptions are not meant to represent any site at which you currently hunt.

- A. The following description is a representation of a typical forest stand in the mixed forests of Northwestern Saskatchewan.
- the forest trails in this area are easily passable in dry weather in a 2-wheel drive vehicle, but in foul or wet weather, access is difficult even with a 4-wheel drive vehicle
 - on a typical day you will see, or find evidence (tracks, scrapes, rubs or droppings) of **6 to 10 Whitetail deer**
 - your hunting party **will not encounter** another hunting party on your trip
- B. The following description represents a similar forest stand in the mixed forest of Northwestern Saskatchewan.
- the roads into this forest are maintained by the forest products company during harvesting and are a mixture of sand and clay (no gravel) that are easily passable in dry weather in a 2-wheel drive vehicle. In foul or wet weather, access is difficult even with a 4-wheel drive vehicle.
 - due to harvesting and replanting, there is increased vegetation for species like Whitetail deer to eat
 - on a typical day you may see, or find evidence (tracks, scrapes, rubs, or droppings) of **8 to 12 Whitetail deer**
 - your hunting party **will encounter** another hunting party unfamiliar to you on your trip
 - In order to hunt in this area, you will have to travel further and it will cost YOU an extra \$ ____ to get there

In which zone would you prefer to hunt? (Please ☒)

- ☐ A
☐ B



Consider the choice of hunting in sites A or B:

These descriptions are not meant to represent any site at which you currently hunt.

- A. The following description is a representation of a typical forest stand in the mixed forests of Northwestern Saskatchewan.
- the forest trails in this area are easily passable in dry weather in a 2-wheel drive vehicle, but in foul or wet weather, access is difficult even with a 4-wheel drive vehicle.
 - on a typical day you will see, or find evidence (tracks, scrapes, rubs or droppings) of **6 to 10 Whitetail deer**
 - your hunting party **will not encounter** another hunting party on your trip
- B. The following description represents a similar forest stand in the mixed forest of Northwestern Saskatchewan.
- the roads into this forest are maintained by the forest products company during harvesting and are a mixture of sand and clay (no gravel) that are easily passable in dry weather in a 2-wheel drive vehicle. In foul or wet weather, access is difficult even with a 4-wheel drive vehicle. There are **also some old forest trails** which are also passable with a 2-wheel drive vehicle.
 - on a typical day you may see, or find evidence (tracks, scrapes, rubs or droppings) of **6 to 10 Whitetail deer**
 - your hunting party **will encounter** another hunting party unfamiliar to you on your trip
 - In order to hunt in this area, you will have to travel further and it will cost YOU an extra \$ ____ to get there

In which zone would you prefer to hunt? (Please ☒)

- ☐ A
☐ B



We would like to ask a few questions about your household. These questions are necessary because they help us understand how different kinds of people feel about these issues. Your answers to these questions will be kept in absolute confidence and will never be related to your name.

22. Are you: ☐ Male
☐ Female
23. What is your age? _____ years.
24. What is the size of your town or city? (Please ☒)
- ☐ Rural, farm
☐ Small town (less than 1000 people)
☐ Urban (1000 people or more)
25. What is the name of the town or city in which you live? _____
26. Please indicate the highest level of education you have completed. (Please ☒)
- ☐ primary school (kindergarten to grade 3)
☐ elementary school (grades 4 to 6)
☐ high school (grades 7 to 11/12)
☐ trade school or technical college
☐ university
☐ graduate degree
27. How many years of hunting experience do you have? _____ years
28. Which of the following categories best represents your **annual household income before taxes**?
- | | | |
|---|--|--|
| <input type="checkbox"/> \$0 - \$10,000 | <input type="checkbox"/> \$10,001 - \$20,000 | <input type="checkbox"/> \$20,001 - \$30,000 |
| <input type="checkbox"/> \$30,001 - \$40,000 | <input type="checkbox"/> \$40,001 - \$50,000 | <input type="checkbox"/> \$50,001 - \$60,000 |
| <input type="checkbox"/> \$60,001 - \$70,000 | <input type="checkbox"/> \$70,001 - \$80,000 | <input type="checkbox"/> \$80,001 - \$90,000 |
| <input type="checkbox"/> \$90,001 - \$100,000 | <input type="checkbox"/> Over \$100,000 | |
29. How many persons in your household contribute to this income?
_____ persons.

If you have any other comments or concerns about this survey, please feel free to write them in the space below.

If you have questions about this survey please call Karen Parlardg at:

1 - 800 - 267 - 6413 (Toll Free)

**THANK YOU FOR TAKING THE TIME TO PARTICIPATE IN
THIS SURVEY**

*Please remember to return your completed questionnaire in the
self-addressed stamped envelope to:*

DEPARTMENT OF RURAL ECONOMY
MATERIALS MANAGEMENT BLDG
UNIVERSITY OF ALBERTA
EDMONTON AB T6G 9Z9



Moose Hunting in Saskatchewan



University of Alberta
Edmonton

Canada-Saskatchewan
Partnership Agreement
in Forestry



Entente d'association
Canada-Saskatchewan
en foresterie

HUNTING IN SASKATCHEWAN

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1. Factors You Consider In Selecting A Hunting Area

When you decide to go hunting, how important are the following factors in deciding where you want to hunt? (Please circle the number on the 5 point scale below that best reflects the importance of each item where 1 means the factor is not important in your decision and 5 means it is very important.)

	<u>Not Important</u>		<u>Somewhat Important</u>		<u>Very Important</u>
a. Familiarity with the area	1	2	3	4	5
b. Good access to region (paved roads, 2-Wheel Drive access)	1	2	3	4	5
c. Good chance of harvesting an animal	1	2	3	4	5
d. Naturalness of the area or lack of development	1	2	3	4	5
e. Seeing wildlife other than Moose (e.g. hawks, squirrels)	1	2	3	4	5
f. Nice area for a hunting camp	1	2	3	4	5
g. Own or know someone who owns land or a cabin in the region	1	2	3	4	5
h. Privacy from other hunters	1	2	3	4	5
i. Distance from home	1	2	3	4	5
j. Opportunities to hunt with family or friends	1	2	3	4	5



2. While hunting on your **typical hunting trip** did you?: (Please ☒ all that apply)

- ☐ Use a 2-wheel drive vehicle
- ☐ Use a 4-wheel drive vehicle
- ☐ Use a trail bike or ATV
- ☐ Use a snowmobile
- ☐ Use horses
- ☐ Use a boat
- ☐ Hike or backpack



3. What is your favourite hunting zone?

Zone _____

4. How many years in the last 10 years have you or your party hunted in your favourite zone (from question 3)?

_____ years

5. If for some reason you could **not** go hunting next year in your **favourite** hunting zone, or if the season closed, what sorts of activities would you do instead? (Please ☒ all that apply)

- ☐ Fishing
- ☐ Camping
- ☐ Wildlife viewing, Hiking, Photography
- ☐ Indoor sports, Attend professional sporting events
- ☐ Other (please specify)

Where? (Zone or Landmark)

- ☐ Hunt elsewhere (please specify zone or landmark)

6. How many hunting trips (for any species) did you take in Saskatchewan in the **1992 season**?

_____ trips.

7. For each hunting trip in the 1992 hunting season, please complete the following information if you took more than 10 trips, only list the first 10.

Trip No.	Date you left Home for your Trip	Length of Trip (Days)	No. of Individuals in Hunting Party	Distance from Home to Site (km one way and travel time in hours)	Game Harvested by Yourself / Game Harvested by Your Total Party	Management Area Number or Nearest Landmark, Town	Type of Accommodation eg. camping, motel, etc.
Eg.	Nov. 14, 1992	5 days	4	50 km, 3/4 hrs	1 Moose / 3 Moose	66	camped
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Expenditures on hunting are one measure of the economic importance of wildlife resources. We would like to know what your expenses are while hunting in Saskatchewan. This information may be used in land management planning decisions affecting wildlife habitat.

8. Please indicate the amount of money spent on all hunting trips **during 1992, excluding licence fees.** (Where no expenditure was incurred, please write 0)

Transportation (incl. oil, gas, airfare, bus, etc.) _____

Accommodation (hotels, campsite fees, etc.) _____

Restaurant meals _____

Other food (including alcohol) _____

Rentals and Repairs (including towing) _____

Equipment purchased specifically for the trip
(i.e. boots, weapons, ammunition, etc.) _____

Other (please specify) _____

9. If you made any major purchases (trucks, ATVs, cabins) for hunting in Saskatchewan (in 1992), that are used in whole or in part for hunting in Saskatchewan, please list the item, the purchase price and the extent to which this item is used for hunting in Saskatchewan.

Item	Purchase Price	Percentage of time Item is used for hunting in Saskatchewan
_____	\$ _____	_____ %
_____	\$ _____	_____ %
_____	\$ _____	_____ %

10. Which Saskatchewan licences did you hold, or are you planning on buying for 1992? (Please ☒ all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Upland Game Bird | <input type="checkbox"/> Bear |
| <input type="checkbox"/> Waterfowl | <input type="checkbox"/> Elk |
| <input type="checkbox"/> Angling Licence | <input type="checkbox"/> Draw Elk |
| <input type="checkbox"/> Antelope | <input type="checkbox"/> Moose |
| <input type="checkbox"/> Mule Deer | <input type="checkbox"/> Draw Moose |
| <input type="checkbox"/> Whitetail Deer | <input type="checkbox"/> Other (Please Specify) |



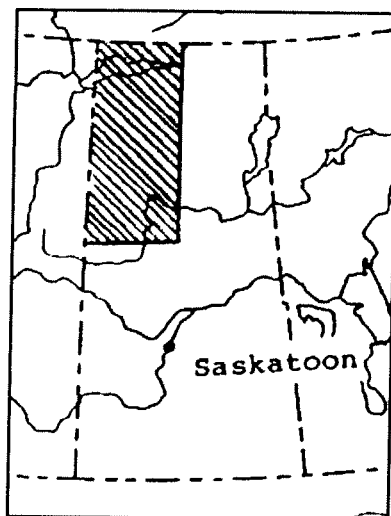
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11. Looking at the map provided below, did you hunt in any part of Northwestern Saskatchewan (the shaded area) the map this season? (Please ☒)

☐ YES

☐ NO



If you answered NO to question 11, please answer question 12.

12. Why did you not go hunting in this area this season? (Please ☒ all that apply)

- ☐ It was too far or too expensive to travel that far
- ☐ I did not harvest any Moose there last year
- ☐ I am unfamiliar with the area
- ☐ I have other favourite hunting areas
- ☐ I was unsuccessful in the draw for Moose for that region

☐ Other (please specify) _____

Please go to question 18.

If you answered YES to question 11, please answer the following questions.

13. How many hunting trips to **Northwestern Saskatchewan** (the shaded area on the map) did you make in 1992?

_____ trips.

14. How many trips did you make to **Meadow Lake Provincial Park** in 1992?

_____ trips.

15. Why do you hunt in **Northwestern Saskatchewan**? (Please ☒ all that apply)

- ☐ Familiar with the area
- ☐ Access within region (highway network, logging roads)
- ☐ Good chance of harvesting an animal
- ☐ Good chance of harvesting a trophy animal
- ☐ Moose draw or other big game animals
- ☐ Lack of commercial development
- ☐ Nice area to set up a hunting camp
- ☐ Close to Meadow Lake Provincial Park
- ☐ Own land or a cabin in the region
- ☐ Know someone who owns land or has a cabin in the region
- ☐ Privacy from other hunters
- ☐ It's close to my home
- ☐ Other (please specify) _____

16. Approximately what percentage of your total hunting expenditures (from question 7, on page 4) occurred on hunting trips to the shaded area on the map?

_____ percent

17. During your hunting trips to the shaded area of the map what **other activities** did you participate in? (Please ☒ all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Fished | <input type="checkbox"/> Camped |
| <input type="checkbox"/> Stayed in a motel / hotel | <input type="checkbox"/> Birdwatching |
| <input type="checkbox"/> Visited friends or relatives | <input type="checkbox"/> Visited Meadow Lake Provincial Park |
| <input type="checkbox"/> Other (please specify) _____ | |

EFFECTS OF CHANGING HUNTING CONDITIONS

18. Listed below are several statements about the management and development of Moose habitat (forested areas). Please rate to what extent each would add to or lessen your Moose hunting enjoyment by circling the appropriate number.

	<u>Lessens Enjoyment</u>				<u>Increases Enjoyment</u>
a. Encountering another hunting party	1	2	3	4	5
b. Road access to new sites	1	2	3	4	5
c. Gates on roads	1	2	3	4	5
e. Roads closed to vehicular traffic	1	2	3	4	5
f. Slash (large logs) on cut lines	1	2	3	4	5
g. Seeing twice as many Moose	1	2	3	4	5
h. Seeing other kinds of wildlife (birds, deer, squirrels, etc.)	1	2	3	4	5
i. Seeing or hearing logging equipment (trucks etc.)	1	2	3	4	5
j. Deterioration of roads	1	2	3	4	5
k. Road corridors	1	2	3	4	5
l. Seeing a previously logged area replanted with seedlings or saplings	1	2	3	4	5

19. Which **one** of the items above increases enjoyment more than others? _____

20. Which **one** of the items above decreases enjoyment more than others? _____

21.

*On the following page are some hypothetical hunting options you are asked to consider. We emphasize that these are **hypothetical** and are **not** being considered as part of any government policy.*

Consider the choice of hunting in sites A or B:

These descriptions are not meant to represent any site at which you currently hunt.

- A. The following description is a representation of a typical forest stand in the mixed forests of Northwestern Saskatchewan.
- the forest trails in this area are easily passable in dry weather in a 2-wheel drive vehicle, but in foul or wet weather, access is difficult even with a 4-wheel drive vehicle
 - on a typical day you will see, or find evidence (tracks, droppings, rubs or wallows) of **2 Moose**
 - your hunting party **will not encounter** another hunting party on your trip
- B. The following description represents a similar forest stand in the mixed forest of Northwestern Saskatchewan.
- the roads into this forest are maintained by the forest products' company during harvesting and are a mixture of sand and clay (no gravel) that are easily passable in dry weather in a 2-wheel drive vehicle. In foul or wet weather, access is difficult even with a 4-wheel drive vehicle.
 - due to harvesting and replanting, there is increased vegetation for species like Moose to eat
 - on a typical day you may see, or find evidence (tracks, droppings, rubs or wallows) of **3 to 4 Moose**
 - your hunting party **will encounter** another hunting party unfamiliar to you on your trip
 - **In order to hunt in this area, you will have to travel further and it will cost YOU an extra \$ ____ to get there**

In which zone would you prefer to hunt? (Please ☒)

- ☐ A
☐ B



Consider the choice of hunting in sites A or B:

These descriptions are not meant to represent any site at which you currently hunt.

- A. The following description is a representation of a typical forest stand in the mixed forests of Northwestern Saskatchewan.
- the forest trails in this area are easily passable in dry weather in a 2-wheel drive vehicle, but in foul or wet weather, access is difficult even with a 4-wheel drive vehicle
 - on a typical day you will see, or find evidence (tracks, droppings, rubs or wallows) of **2 Moose**
 - your hunting party **will not encounter** another hunting party on your trip
- B. The following description represents a similar forest stand in the mixed forest of Northwestern Saskatchewan.
- the roads into this forest are maintained by the forest products company during harvesting and are a mixture of sand and clay (no gravel) that are easily passable in dry weather in a 2-wheel drive vehicle. In foul or wet weather, access is difficult even with a 4-wheel drive vehicle. There are **also some old forest trails** which are also passable with a 2-wheel drive vehicle.
 - on a typical day you may see, or find evidence (tracks, droppings, rubs or wallows) of **2 Moose**
 - your hunting party **will encounter** another hunting party unfamiliar to you on your trip
 - In order to hunt in this area, you will have to travel further and it will cost YOU an extra \$ ____ to get there

In which zone would you prefer to hunt? (Please ☒)

- ☐ A
☐ B



We would like to ask a few questions about your household. These questions are necessary because they help us understand how different kinds of people feel about these issues. Your answers to these questions will be kept in absolute confidence and will never be related to your name.

22. Are you: ☐ Male
☐ Female

23. What is your age? _____ years.

24. What is the size of your town or city? (Please ☒)

- ☐ Rural, farm
☐ Small town (less than 1000 people)
☐ Urban (1000 people or more)

25. What is the name of the town or city in which you live? _____

26. Please indicate the highest level of education you have completed. (Please ☒)

- ☐ primary school (kindergarten to grade 3)
☐ elementary school (grades 4 to 6)
☐ high school (grades 7 to 11/12)
☐ trade school or technical college
☐ university
☐ graduate degree

27. How many years of hunting experience do you have? _____ years

28. Which of the following categories best represents your **annual household income before taxes**?

- | | | |
|---|--|--|
| <input type="checkbox"/> \$0 - \$10,000 | <input type="checkbox"/> \$10,001 - \$20,000 | <input type="checkbox"/> \$20,001 - \$30,000 |
| <input type="checkbox"/> \$30,001 - \$40,000 | <input type="checkbox"/> \$40,001 - \$50,000 | <input type="checkbox"/> \$50,001 - \$60,000 |
| <input type="checkbox"/> \$60,001 - \$70,000 | <input type="checkbox"/> \$70,001 - \$80,000 | <input type="checkbox"/> \$80,001 - \$90,000 |
| <input type="checkbox"/> \$90,001 - \$100,000 | <input type="checkbox"/> Over \$100,000 | |

29. How many persons in your household contribute to this income?
_____ persons.

If you have any other comments or concerns about this survey, please feel free to write them in the space below.

If you have questions about this survey please call Karen Parlardg at:

1 - 800 - 267 - 6413 (Toll Free)

**THANK YOU FOR TAKING THE TIME TO PARTICIPATE IN
THIS SURVEY**

*Please remember to return your completed questionnaire in the
self-addressed stamped envelope to:*

DEPARTMENT OF RURAL ECONOMY
MATERIALS MANAGEMENT BLDG
UNIVERSITY OF ALBERTA
EDMONTON AB T6G 9Z9

