

RURAL ECONOMY

**A Socio-Economic Evaluation of Sportsfishing
Activity in Southern Alberta**

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Project Report 92-01

PROJECT REPORT



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Interim Project Report

INTRODUCTION

Recreational fishing is one of the most important recreational activities in Alberta. The report on Sports Fishing in Alberta, 1985, states that over 340,000 angling licences were purchased in the province and the total population of anglers exceeded 430,000. Approximately 5.4 million angler days were spent in Alberta and over \$130 million was spent on fishing related activities. Clearly, sportsfishing is an important recreational activity and the fishery resource is the source of significant social benefits.

A National Angler Survey is conducted every five years. However, the results of this survey are broad and aggregate in nature insofar that they do not address issues about specific sites. It is the purpose of this study to examine in detail the characteristics of anglers, and angling site choices, in the Southern region of Alberta. Fish and Wildlife agencies have collected considerable amounts of bio-physical information on fish habitat, water quality, biology and ecology. In this study the social elements of recreational fishing are examined. The bio-physical information helps define the potential supply of recreational fishing opportunities while the social/economic information helps define the demand for fishing opportunities. Why do individual choose to participate in recreational fishing? How many times do they participate in a season? What are the factors affecting fishing intensity? Where do recreational anglers go? Why do they choose these sites? The answers to these questions will provide information on the demand for angling experiences and the attitudes and values of recreational anglers. This information will also help in planning habitat improvement, fish stocking and other management changes in response to angler demands or in an attempt to improve the quality of the recreational experience.

Social/economic research in recreational fishing at a regional level is somewhat limited. This study represents the first major project in Alberta examining fishing demand at regional and subregional levels. The information should be valuable to fisheries managers as well as other parties interested in the fishery resource.

This report presents the results of a survey of Southern region (Alberta Fish and Wildlife division Fish Management Areas 1 and 2) fishing activity. In this interim report descriptive results from the survey are presented. In subsequent research, models of fishing site choice will be developed. These models are designed to measure the impact of alternate uses of water resources on recreational fishing activity, the impact of management options (site closures, stocking, etc) on site choice and recreational fishing values, and the impact of quality factors (crowding, water quality, etc) on the recreational fishing experience. In the original research proposal the following research objectives were listed:

(1) to develop a survey instrument and sampling design to collect the data required for the recreational demand model.

(2) to use the data collected to analyze the demographic and socio-economic characteristics of sportfishing recreationists.

(3) to develop a model of recreational fishing site choice using social, economic and physical information about recreationists and fishing sites.

This interim report addresses objectives (1) and (2). The final report will address item (3).

BACKGROUND

In October 1989 a task force was developed to examine the valuation of recreational fisheries in

the Southern region of Alberta. This task force included individuals from the Alberta Fish and Wildlife Division, Land Services Information Division, and the University of Alberta. The task force was initiated to address the issue of the opportunity cost of recreational fishery losses in the event of alternate uses of the water resources. The following passage, from the minutes of one of the initial meetings of the task force, illustrates the focus of the group. "...the Division should be able to provide estimates of the costs of the project from the loss of fisheries recreational opportunities. In addition, management actions as a result of recreationists substituting sites, or crowding effects caused by substitution, need to be determined based upon sound understanding of the social and economic values held by the users." A "Needs Analysis" revealed the following:

There is a lack of socioeconomic data.

There is a need to assess the effectiveness of fish management programs e.g. stocking pond A or pond B, the effect of changing a regulation, the value of a fishing experience, what makes fishing desirable, what opportunities should be provided, how cost effective are habitat development programs, and what are the impacts of alternative resource developments.

Based on the assessment by the task force, a proposal was forwarded to the Alberta Fisheries Enhancement Fund to provide for an in depth survey of recreational fishing in Southern Alberta. The focus of the survey was to elicit information on fishing preferences, values, and attitudes as well as activity information. These data would be used to develop a model of recreational fishing site choice and intensity. The model would be used to evaluate the impact of changes in fishing quality, management decisions or changes in environmental conditions surrounding the fishing sites. The survey was designed to focus on the Southern region fishing sites. The sampling design, described below, was developed based on historical visitation patterns. While individuals living in the Southern region tend to also fish in the Southern region, individuals from other regions in the province (notably the Central region) also fish in the Southern region. The survey was based on a geographical distribution which was expected to account for approximately 95% of the fishing trips to Southern Alberta. The Southern region, the Central region

and certain communities in the eastern slopes region were included to account for the majority of fishing activity in the south.

SURVEY DESIGN

The survey was designed to elicit information on perceptions of a quality fishing experience, characteristics of a typical fishing trip, opinions on fisheries management options, fishing activity in 1990 and a variety of socioeconomic characteristics of the respondents and their families. The survey was designed by individuals in the Department of Rural Economy, University of Alberta, with assistance from individuals at the Alberta Fish and Wildlife Division. Several forms of pre-tests were performed. Surveys were handed out to individuals at the Great Plains Fishery Workers Association Annual Meeting in Lethbridge Alberta (February 4-6, 1991) and a presentation informed participants about the survey design and structure. A more formal pretest involved mailing an early version of the survey to a random sample of Alberta anglers (names and addresses obtained from fishing licences). The results of these pretests were examined to provide information on question restructuring and design. After pretesting, the final version of the survey instrument contained four sections: (1) Attitudes and Opinions About Fishing, (2) Awareness of Recreational Fishing Opportunities in Southern Alberta, (3) Fishing Activity in 1990 and (4) Demographic Information. The structure of each section is outlined below. (A copy of the survey is attached).

(1) Attitudes and Opinions about Fishing

This section was constructed to elicit opinions about quality factors that affect the recreational fishing experience, the type of activities the average angler engages in, opinions about fisheries management options and the expenditures on recreational fishing. The factors affecting recreational fishing quality were captured using a 1-5 rating scale of various items which may affect the choice of fishing site. These factors included water quality, distance to the site, boat access, etc. Individuals were

also asked about their favourite site, how many years they had visited this site, what attributes attracted them and how they became aware of the site. In order to gauge the type of fishing activity occurring in the Southern region, respondents were asked to describe a typical fishing trip. The factors they were asked to describe included the mode of transportation chosen, the length of stay, the type of fishing, pounds of fish caught, years of experience, length of planning period before a trip, individuals accompanying the respondent and whether the respondent practices catch and release fishing. This section also elicited information on the respondent's choice of fisheries management options if overfishing becomes a problem. Respondents were asked to choose from season length restrictions, size limits, cancelling bait fishing, increasing licence fees, increasing stocking, increasing enforcement, enforcing catch and release, increasing fines or other categories of management options. The average annual expenditures on fishing (transport costs, licence costs, food, bait, etc) were also elicited. Finally, as a screening variable for the remainder of the survey, individuals were asked if they fished in 1990. If they answered YES they were directed to the next section of the survey on fishing site awareness.

(2) Awareness of Recreational Fishing Opportunities in Southern Alberta

In order to gain an understanding of the awareness of fishing sites in the Southern region of Alberta, respondents were presented with a map, illustrating 77 fishing sites in the Southern region, and were asked to indicate which of the sites they had ever visited or heard of as a fishing site. This section will provide information on the sites individuals consider when making fishing site choices. The results from this section may also be useful when generating information to promote recreational fishing. A site which is not recognized as a fishing spot may be promoted through recreational opportunity and tourism material. In the technical portion of the economic modelling, the awareness factor is an essential ingredient for a model predicting site choice.

(3) Fishing Activity in Southern Alberta in 1990

Respondents were asked to fill in a trip activity chart for each fishing trip between May 1, 1990

and October 31, 1990. This chart included the name of the site, the distance from home, party size, fish species sought, number caught and released and the type of water body visited. The respondents were also asked to mark on a calendar the dates over which these trips occurred. This information provides a detailed view of the location and duration of fishing activity. The information will also be useful for constructing the economic model of site choice and the calendar will add information on the type of site chosen at various times in the fishing season. Respondents were also asked to provide the total number of fishing trips made in the 1990 season.

(4) Demographic Information

The demographic section of the survey elicited information on place of residence, gender, age, household size and structure, income, education, and leisure time availability. These factors may be important in determining the number of fishing trips, the type of fishing experience sought (i.e. fishing with children in a nearby pond versus wilderness trophy fishing) and the timing of fishing trips.

The survey packet included a cover letter, a survey and a "prize ballot". The cover letter (copy attached) included the logos of Trout Unlimited, the University of Alberta and the Alberta Fish and Wildlife Division. This letter encouraged individuals to respond and emphasized the importance of this information for management and conservation. The prize ballot was enclosed as an incentive to respond or a reward for those who took the time to respond. Several prizes were donated by Trout Unlimited, Alberta Fish and Wildlife Division and Walleye Country Lures. The prizes were presented to those individuals who were drawn from the set of respondents who filled out the prize ballot. A separate ballot was included to facilitate separation of the ballot (with the respondent's name) from the survey and thereby maintain confidentiality and anonymity of the responses.

The survey design plays a large role in response rates. Research has shown that a well designed

survey will significantly increase response. In the next section, the sampling design and the response to the two mailings of the survey will be discussed.

SAMPLING DESIGN

1. Pretest

A small sample of 50 names were used for an initial mailout to test the response to the questionnaire on 5 Feb 1991. The 50 names were drawn at random from a list of 150 provided by the Alberta Fish and Wildlife Division. This list was a surplus from a sample population created for The National Sports Fishing Survey run concurrently by the division. After minor changes to the survey, the final instrument was ready for mailing.

2. Southern Region Sample

The goal was to sample the population of fishermen in Alberta that fish in the Southern region. Based on previous research it was assumed that 60% of those people that fish in the Southern region live in that region. Another 20% live in the region from Southern region north to Calgary. Another 15% live in the area from Calgary to Leduc. By including all fishermen from Leduc south, the sample would cover 95% of the population that fish in the southern region. These assumptions would be verified by a separate sample (see below under "Provincial Sample").

The copies of all fishing licences sold in Alberta in 1990 were made available by the Alberta Fish and Wildlife Division. These were evaluated on the basis of residence, with those living within the designated area separated for sampling. Any licence that had already been used for the concurrent National Sportsfishing survey was excluded, regardless of place of residence. The licences were then counted to determine the method to be used to obtain the final sample size of 5,000. A total of 62,783 were found to be within the designated area.

The sample was created by picking one of every 12 licences, for a total of 6,001 cases within the sample. Given that the licences were stored on the basis of arrival, and not in any order by residence, the count was started with the first licence in each box, and then continued through the whole filebox. These

names were then entered into a computer database. In the instance where the 12th licence was not suitable for the sample, the next licence was used without interrupting the count. Licences were deemed to be unsuitable if they had an address that was incomplete, or in the case where a licence not from the designated region was inadvertently included among the 62,783.

The 6,001 cases were then further reduced to the final sample size of 5,000 through the use of a random selection. A random number generator was used to select a start point between 1 and 56 and then every 6th licence was deleted.

The 5,000 names were used for the first mailout of the survey, sent on March 13th, 1991. The questionnaire package included an entry form for a prize draw. Upon return of a questionnaire, the draw forms were separated from the questionnaire, and checked with the 5,000 name mailing list. Names of those who had returned completed questionnaires were removed from the mailing list. As well, the names of those questionnaires returned not completed (improper address, no longer at that address etc) were removed from the list. The total received to this point (1,051) and the total returned incomplete (374) reduced the list to 3575 names. This reduced list of 3575 was then used to send a second package to non-respondents on May 6, 1991.

3. Alberta Sample

A smaller sample of 478 was taken from a list of 1978 names provided by the Fish and Wildlife Division to verify that the sample of 5000 truly approximated the population that fished in the Southern region. This sample included people residing in all parts of the province. The first mailout was sent on May 6, 1991 with the second mailout of the main survey sample. Four weeks later a second package was sent to all the names on this list of 478 names.

RESPONSE RATES

The table below illustrates the response rates for the first and second mailing of the Southern region survey and the Alberta survey (the sample used to check the proportion of anglers in the Southern region from all residences in the province). The total Southern region survey mailout of 5000 provided a

response of 2,114 completed questionnaires and 580 surveys returned unopened (incorrect addresses, individuals who have moved, etc.). The effective response rate was 48%, a rate which is quite admirable given the complexity of the survey instrument and the fact that this was a mail survey. The Alberta survey sample of 500 resulted in a similar response rate (43%). In both cases approximately 10% of the sample resulted in questionnaires returned unopened. This figure is about average for mail surveys.

Some preliminary results examining the presence of non-response bias indicates that there is no evidence of non-response bias between the first and second mailings (those who responded to the second mailing were non-respondents to the first mailing) for demographic variables (age, income, education). This indicates that there is no difference in demographic variables between the respondents to the first and second mailings. However, investigation of non-response bias on the factors of number of fishing trips and participation in fishing did reveal some evidence of non-response bias. The second mailing not only increased the effective response rate by 17% but it probably decreased any non-response bias by including a group which showed less active interest in recreational angling. Additional investigation into non-response bias was not-possible given the resources available, however, we feel that the second mailing has significantly reduced the presence of any non-response bias which may have been evident in the first mailing.

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

| Mailout | Number sent | Number returned Unopened | Percent returned Unopened | Effective sample size | Number completed | Percent of effective completed |
|--------------------------------|-------------|--------------------------|---------------------------|-----------------------|------------------|--------------------------------|
| Southern region First Mailout | 5,000 | 431 | 9 | 4,569 | 1535 | 34 |
| Southern region Second Mailout | 3,575 | 149 | 4 | 3,426 | 579 | 17 |
| Total | 5,000 | 580 | 12 | 4,420 | 2,115 | 48 |
| Province wide First Mailout | 478 | 32 | 7 | 446 | 118 | 26 |
| Province wide Second Mailout | 478 | 15 | 3 | 463 | 69 | 15 |
| Total | 478 | 47 | 10 | 431 | 187 | 43 |

The remainder of this report discusses the highlights of the Southern region results from the fishing survey. Included in the discussion are the characteristics of a typical trip, the awareness of sites in the Southern region, a summary of the activities of Southern Region anglers and a description of the demographic characteristics of Southern region anglers. These results are based on the 2,115 responses to the Southern region survey and they are also stratified into two categories, **Category 1**: the total set of respondents to the survey, and **Category 2**: the set of respondents who took at least 1 fishing trip within the Southern region.

From a management perspective, distinguishing between **Category 1** and **Category 2** is important. Category 2 represents those respondents who took at least one fishing trip in the Southern region. Hence, the attitudes and opinions expressed here are meaningful when evaluating management policies for the Southern region. Respondents from Category 1 may or may not have fished in the Southern region, and therefore in some cases the attitudes and opinions may not accurately reflect those characteristics unique to the Southern region.

SURVEY RESULTS

Detailed results of the survey responses are contained in Appendices A and B. Appendix A encompasses those responses from **Category 1** (the total set of responses), and Appendix B reflects responses from **Category 2** (active Southern region anglers). The descriptives from these results will be presented in this section. As an explanatory note, any reference in the descriptives made to the "**entire set**" refers to the data in Appendix A, and any reference made to "**Southern region anglers**" refers to the data in Appendix B.

ATTITUDES AND OPINIONS ABOUT FISHING

Questions 1.1 through 1.16 in Appendices A and B provide information about factors influencing where respondents want to fish. The results from the entire set of respondents (Appendix A) indicate that a good chance to catch trophy-size fish rates relatively low. A good chance to catch the limit and a

good chance to catch a preferred fish species ranks somewhat important.

For over fifty percent of the respondents, knowing that the lake is stocked with fish was split between somewhat important and very important, with responses in the order of twenty seven percent and twenty eight percent respectively.

Over fifty percent of the respondents ranked privacy from other anglers as being important. Natural beauty of the surroundings, access to wilderness areas, and water quality all ranked as being very important. Natural beauty and access to wilderness areas was important for over seventy percent of the respondents, and water quality was important for eighty five percent of the respondents.

For over seventy percent of the respondents, the fact that a site was limited to fly fishing was not important.

Over seventy five percent of the respondents considered distance from home to be an important factor in deciding where they wanted to fish. Of these seventy five percent, forty seven percent rank it somewhat important. Similarly, familiarity with the area was important for over fifty percent of the respondents. Access to picnic or camping facilities at or near the site, on average, rated somewhat important, however the responses were fairly evenly distributed between not important and very important. Fishing at a site with boat access was not important, whereas good road access to the site was somewhat important. Finally, owning land or a cabin near the site, and having friends or relatives living nearby was not important for an overwhelming ninety percent of the respondents.

Comparing the Southern region angler responses with those for the entire set, it was found that, in most cases, the respondents exhibited similar attitudes and opinions. Ratings on good chances of catching trophy-sized fish, catching the limit, and catching a preferred fish species were similar in both surveys. Knowing that the lake is stocked with fish ranked somewhat higher with the Southern respondents.

Privacy from other anglers, natural beauty of surroundings, water quality, and access to wilderness areas, again, all ranked as somewhat important to very important. As is shown in questions 1.5 through 1.8 in Appendices A and B, the Southern region responses closely mirror those for the entire sample.

The fact that a site was limited to fly fishing was not important for the Southern respondents, but the Southern mean was slightly higher than that for the entire set.

The responses for questions 1.10 through 1.16 are almost identical (in terms of means and medians) for the Southern responses and the entire set, with only negligible differences between means.

FAVOURITE FISHING SITE

Question 2 in Appendix A examines responses from the entire set of respondents about their favourite fishing site. The most frequent response indicated that fourteen percent of the respondents have fished at their favourite site for 10 years. The median response was 7 years and the mean was 9.975 years. The standard deviation was just over 9 years. There were some noticeable secondary peaks in frequency values at 3, 5, 15 and 20 years, with percentage of responses at 10, 12, 7 and 7 respectively.

Over the last five years, 24.6 percent of respondents visited their favourite site 6-10 times, while 21.7 percent visited more than thirty times. The mean number of visits was 16-20, and the median was 11-15.

Over thirty seven percent of the respondents first became aware of the site from friends. Information from family members and random chance were a distant second and third place with 16.5 and 15.3 percent respectively.

The survey revealed that the specific things about a favourite fishing site that are particularly enjoyed are good fishing (catch rate), scenic quality, and seclusion, with 18.4, 15.7, and 15.5 percent of responses respectively. All other site characteristics proposed in the survey each received less than seven percent of the total response. It is interesting to compare these site-specific characteristics with the general attitudes and opinions expressed about fishing in questions 1.1 through 1.16. There are several marked differences between general opinions and site specific characteristics, for example water quality and distance from home.

Data for the Southern region anglers show some differences from that of the entire survey. In the

southern region (Appendix B, 2A-2D), thirteen percent of the respondents indicated that they had been fishing at their favourite site for 10 years. The median and mean values were slightly higher at 8 and 10.790 respectively. Again, there were frequency peaks at 5, 11-15, and 16-20 years.

Over twenty six percent of the respondents visited their favourite site more than 30 times over the last 5 years. The mean and median were somewhat higher than for the entire survey at close to 15 times and 16-20 times.

Similar to those responses shown in Appendix A, the Southern region respondents first became aware of the site from friends. Family members and random chance were the second and third place sources of information.

Furthermore, good catch rates, seclusion and quietness, and scenic quality were the most popular specific things about the favourite fishing site that are particularly enjoyed. For the frequency distribution of all site-specific characteristics, refer to Appendix B - Question 2D. It is interesting to compare the rankings of these site specific characteristics to the general attitudes and opinions about fishing expressed in Appendix B - Question 1.1 through 1.16.

A TYPICAL FISHING TRIP

A typical fishing trip in Alberta involves a fisherman with an average of 21 years of fishing experience driving (in a car, truck or van) to the fishing site, and staying for a full day, or two to three days. The time spent travelling from home to the fishing site is, on average, found to be enjoyable. The trip is usually planned a few days before, and 38 percent of the time they go fishing with friends (36 percent of the time is with family). The fishermen typically employ spin casting from shore, with the most popular alternative method being ice fishing. An overwhelming majority of fishermen practice catch and release fishing. One to four pounds is the typical amount of fish that is taken home on a single trip.

Examining the Southern region anglers, a typical fishing trip is very comparable to that of the rest of Alberta except for two differences. First, a typical trip to a fishing site in Southern Alberta is for a full day, and usually fishermen go with friends.

Over a typical fishing season, the majority of fishermen throughout Alberta and the Southern region usually spend in excess of five hundred dollars. In both survey responses, the distribution patterns of expenditure are similar and are also fairly evenly distributed among each expenditure category, with some minor fluctuations.

MANAGEMENT OPTIONS

If overfishing becomes a problem in Alberta lakes and rivers, the management option that would most likely be seen in addressing the problem, (as the responses indicate in both Appendices A and B, and the histogram "Preferred Management Option") is that of employing catch and release fishing. Increased stocking is a close second. In both the Southern responses and the entire set, it is worth noting that when other management options are chosen, the majority opinion lies in a combination of the management options presented in question 4. Also, as the histogram suggests, the active Southern region responses closely reflect those of the entire survey.

AWARENESS

The survey revealed that a large proportion of the respondents went sportfishing in Alberta in 1990. Active respondents in the Southern region went sportfishing over ninety eight percent of the time. The results over the entire survey were slightly lower with only eighty eight percent of the respondents sportfishing in Alberta in 1990.

Question 7 (pages 4-5 in the survey) examines the issue of awareness of fishing sites. The seventy-seven Southern Alberta sites named in the survey were divided into fifteen regional groups. The awareness of sites within each regional group are graphically depicted in this section of the report, and frequency statistics for all respondents and the active respondents in the Southern region are found in Question 7 in Appendices A and B. In all cases, awareness of the seventy seven sites was higher for the Southern respondents compared with those for the entire survey.

The descriptive analysis for these statistics will begin with a comparison and description within

each regional group, and will extend to an overall ranking of site-awareness over the entire Southern Alberta region.

In the Upper Oldman River area, the site that respondents visited or heard of as a fishing site most was the Upper Oldman River. For the active Southern respondents, Dutch creek was second with 39.4 percent aware, and over the entire survey the Oldman River to the Piegan reserve was second with 29.0 percent.

The most well-known site in the Crowsnest River area for the Southern respondents was Castle River, with 42.2 percent awareness. For the entire survey, it was a close tie for first place between Crowsnest River (Passberg to Lundbreck) and Castle River, with 28.7 and 28.6 percent awareness.

In the Castle River area, Beavermines lake was the most familiar site, with 53.9 and 34.1 percent awareness for the Southern and overall respondents respectively.

Overall, awareness statistics for the Waterton Lakes area were relatively low. The site most were aware of was Mami (Paine) Lake, with 25.3 percent for active Southern respondents, and 15.0 percent over the entire survey.

The most familiar site in the Pincher Creek area was Beauvais Lake for both sets of respondents. Over 47 percent of Southern Alberta respondents were aware of this site, with a corresponding figure for the entire set of responses at 29.7 percent. In both cases, the second most familiar site was the Waterton Reservoir.

In the Claresholm area, Chain Lake was the site respondents were most aware of, with 61.9 percent aware for the active Southern responses, and 50.0 percent aware over the entire set of responses. The most well-known site in the Vulcan area was McGregor reservoir, and in the Lethbridge area, Keho Lake was the most familiar site.

The Claresholm, Lethbridge and Vulcan areas are combined on the bar chart. Chain Lake is the most well-known site in this set, with McGregor Reservoir and Travers Reservoir following in second and third place. It is worth noting that McGregor and Travers reservoir are both located in the Vulcan area, and awareness about the sites in the Lethbridge area were generally lower than that for the other two areas.

The best known site in the Cardston area is Police (Outpost) Lake with 44.5 percent aware in the Southern region, and a notably lower 27.8 percent aware over the entire survey. In both surveys, St. Mary Reservoir was second place, and the third place remaining sites had fairly evenly distributed awareness percentages.

Awareness of respondents to sites in the Milk River-Warner area were relatively lower than that for other areas. In both Appendices A and B, the site with the highest awareness percentage was Tyrell Lake. In the Southern region, 26.2 percent of the respondents were aware of the location, and over the entire survey, awareness was a much lower 15.3 percent. Again, in both sets of survey results, the second and third sites for awareness were, respectively, the Milk River Ridge Reservoir and the Heninger Reservoir. All other locations had awareness responses of less than 10 percent.

In the Taber area, the most familiar site was Chin Reservoir, with 37.2 percent of the Southern respondents and 23.3 percent of all respondents aware of the location. In the Vauxhall area, the most familiar site was Little Bow Reservoir, with 38.1 percent of active Southern respondents and 28.3 percent over the entire survey aware of the site. Examining the bar graph, it can be seen that the two previously mentioned sites rated significantly higher, in term of awareness, than the other location within these regions.

Sites in the Bassano area had relatively high awareness responses compared to other regions. The most familiar location was the Bow River (Carseland to Bassano) with 42.8 percent and 35.1 percent of responses attributable to the Southern and overall surveys respectively. The Bow River (Bassano to mouth) was in second places with 39.7 and 32.0 percent of the respondents aware, and the Red Deer River (Finegan to Dinosaur) followed with 25.7 and 23.7 percent of respondents aware of the location.

The most well-known site in the Brooks area is Lake Newell, with over 50 percent of the Southern region respondents aware of the site, and a corresponding figure of 38.2 percent for the entire survey. Other awareness statistics for sites in this region were fairly low.

A bar chart presented below encompasses awareness data for the Bassano/Brooks area. Within this region, Lake Newell is by far the most familiar site with over 50 percent awareness, and the two Bow

River locations follow in second place with approximately 40 percent of respondent awareness.

In the Medicine Hat area the most familiar site was Elkwater Lake, with 35.4 percent of the Southern respondents aware of the location, and a corresponding value of 23.7 percent over the entire set of responses. Second place went to Reesor Lake with 29.3 percent and 17.7 percent of Southern and all respondents aware respectively.

Examining all the statistical data, the three most well-known sites that respondents have ever visited or heard of as a fishing site are Chain Lake, McGregor Reservoir, and Lake Newell, with 50 percent, 44 percent and 38 percent, respectively, of all respondents aware of these locations. These rankings are consistent in both the active Southern respondent data and the entire set of responses. For a complete set of rankings, refer to the frequency distribution tables in Appendices A and B. As a note, the site that fishermen were least aware of was Butcher Lake, which is in the Pincher Creek area.

FISHING TRIPS ACTUALLY TAKEN

Data from the entire set of respondents indicates that, on average, the number of fishing trips taken in 1990 was 9, with a median value of 5 and a standard deviation of just about 11 trips. The most frequent response was 3 trips with 13 percent of the respondents indicating so. There were noticeable frequency jumps at 20 and 30 trips, with, in each case, a 3 percent response rate.

Examining the data set from those respondents active in the Southern region, values for the mean, median and standard deviation were slightly higher, at 10, 6 and 11.833 respectively. Again, there were noticeable frequency jumps at 30 days with a 4 percent response rate, and at 15 and 20 days with a 3 percent response rate.

The entire set of respondents indicated that in 1990, they took fishing trips to a total of 581 sites in Alberta. The site data seemed to naturally separate into three distinct groups: the 77 Southern Alberta sites named in the survey (refer to question 7), general locations referring to major rivers in Alberta, and over 500 miscellaneous sites, most of which are not located in Southern Alberta.

Furthermore, the Southern angler respondents took fishing trips to a total of 439 sites.¹

At this point, an explanatory note is needed. In the data set in Appendices A and B for all parts of Question 8, there are two response percentages calculated. "Percent of responses" is the percentage response (or percent of total visits) of a particular location over all sites visited. Obviously, this number totals to 100. "Percent of cases" is a value reflecting the fact that a single site may be visited by more than one fisherman. Since only 15 sites are requested, and different survey respondents can visit the same site, the percent-of-cases value totals to greater than 100. Essentially, this figure denotes the percentage of respondents that visited the site as one of their fifteen visits.

Of the 77 Southern sites named in the survey, the site where most respondents took fishing trips was McGregor Reservoir, with 2.9 percent response rate over all the data, and 18.1 case-percent of respondents listing it as a fishing site they travelled to. Other most-visited sites, in descending order of rank and with case-percentages around the 10 percent mark, are: Chain Lake, Bow river (Bassano to mouth), Reesor Lake, Lake Newell, Travers Reservoir, and Beavermines Lake. For response and case percentages, refer to Question 8b in Appendix A.

The most visited general location was the Bow river, with over 60 percent of cases travelling to this site, and an individual response of 9.7 percent over all visited sites. In second place was the Red Deer River, with a much lower 14.7 percent of all respondents travelling to this site, and 2.3 percent overall visiting percentage.

For the over 500 miscellaneous sites visited, two notable locations stand out. Gull lake was the most visited site, with 14.1 case-percent, and a 2.2 percent visiting rate over all 649 locations. Pine Lake followed with corresponding figures of 12.9 percent and 2.0 percent. Other conspicuous locations were Crawling Valley Reservoir, Sylvan Lake, Highwood River, and Kananaskis Lake.

In the southern region, fishing trips were taken to a total of 635 sites. Of the 77 Southern sites, the most visited was McGregor reservoir, with case and overall survey response rates of 31.0 percent and

¹ Site locations for all survey respondents and the subset of Southern anglers can be found under Question 8B in Appendices A and B respectively. Code numbers for each site were assigned by the researchers but not all sites were visited by respondents. Therefore, not all site numbers appear in the data.

4.4 percent respectively. Chain Lake and the Bow River (Carseland to Bassano) were the second and third most visited sites.

In the Southern region data, there were 16 other sites with case-percentages around the 10 percent mark. They are, in descending order of rank: Reesor Lake, Lake Newell, Beavermines Lake, Travers Reservoir, Chin Reservoir, Spruce Coulee Reservoir, Mami Lake, Keho Lake, Murray Reservoir, Sherburne Reservoir, Castle River, Bow River (Bassano to mouth), Elkwater Lake, Beauvais Lake, Rattlesnake/Sauder Reservoir, and Crowsnest River (Lundbreck to mouth).

For active Southern region respondents, the most visited general site was the Bow river, with a case-percentage of 45.2, and a response rate of 6.4. The second was the Crowsnest river with corresponding percentages of 16.2 and 2.3. All other general locations were not significant.

Of the 500-odd miscellaneous sites, only three stand out. Crawling Valley Reservoir, Highwood River, and Kananaskis Lake are well-visited locations with case-percentages of 10.5, 7.5, and 6.4 respectively.

Examining the distance travelled from home to the site for each fishing visit, the data for the entire set of respondents suggests that most people travel less than 100 miles per visit. The Southern region data parallels this trend, but with significantly higher percentage response rates (refer to Question 8C in Appendices A and B for values).

For both the entire set of responses and the Southern region angler responses, over 90 percent of responses indicate that the size of the party that went fishing was 1-4 persons, with a frequency peak at 2 people.

Again, for both sets of data, the most popular type of fish sought was trout (unspecified species), with 36.9 percent response rate over the entire survey, and 38.9 percent response rate for the Southern region. Within the trout category, rainbow trout was the most preferred catch. The second most sought after species was northern pike, with 24.5 and 26.6 percentages for the entire and Southern surveys. A bar chart depicting the most sought after species distribution can be found below.

In over 85 percent of cases over the entire survey, and in over 96 percent of cases over active

Southern respondents, 2 fish were caught. Over 50 percent of the time, 4 or less fish were caught. In line with these results, the typical number of fish released was 2, but the case percentages were lower with 78.8 percent of cases for the entire survey, and 84.5 percent of cases over the active Southern respondents. For percentage response over the entire data set, refer to Question 8F & 8G in Appendices A and B.

Over 75 percent of the respondents fished in a river or lake, with the majority fishing in a lake. Data for the southern region parallel that for the entire survey. In both cases, reservoirs were a distant second place, with approximately 9 percent of respondents fishing there.

Most fishing trips were one day in length, and over 90 percent of trips were 3 days or less in length.

DEMOGRAPHICS

The significant majority of survey respondents were male. The average age over the entire survey was 39.17 with a standard deviation of almost 12 years, and the active Southern respondent was slightly younger at 37.9 years with a standard deviation of 11 years.

Over half of the respondents for both sets of data did not have any children under the age of 16 years, and over ninety percent of the respondents did not have anyone over the age of 65 in their household. For those respondents that did, the children under the age of 16 and over the age of 65 usually did not go fishing.

The average respondent across both data sets had 12 years of education. Average annual household income for the entire survey was close to \$40,000, and slightly lower in the Southern Region respondents at about \$35,000. There were frequency peaks at the \$45,001-50,000 range for the entire set of responses, and at \$45,001-50,000 for the Southern respondents, with 10.2 percent and 10.8 percent respectively.

Most anglers worked (for pay) an average of 37 hours per week, with some flexibility allowed in working hours per week. The majority response was 40 hours per week for both the entire set of respondents and the active Southern respondents with percentage rates of 38 and 41 respectively.

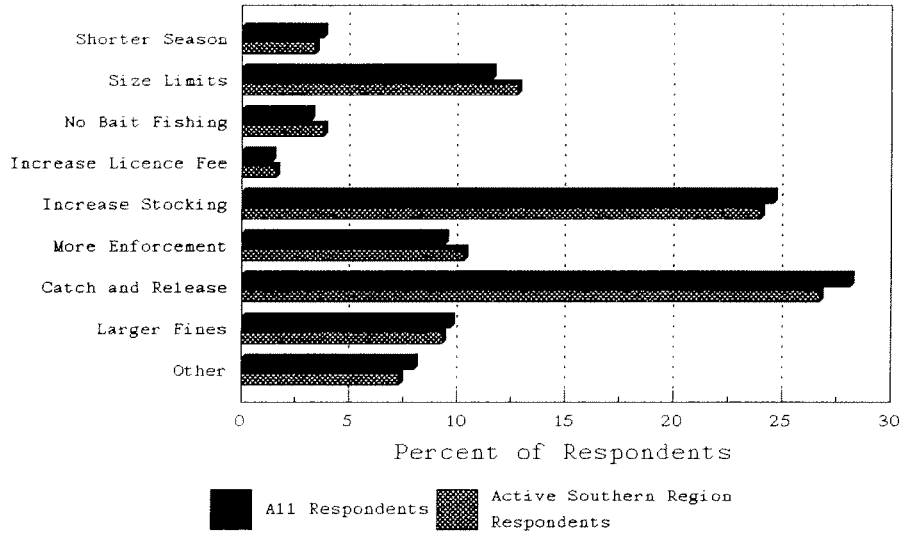
The majority of survey respondents' main occupation was in the professional and technical field. Following in second and third places were tradesman and service sector employees. On average, these workers got almost 13 days of paid vacation, and seldom took time off work to go fishing.

CONCLUSIONS

This interim report presents descriptive results of the 1991 survey of Southern Region recreational anglers. The report illustrates the popularity of recreational fishing in the Southern Region and it describes the data that have been collected for future use in modelling fishing site choice and value. This report has only scratched the surface in terms of analysis of these data. Only direct descriptive statistics have been presented. Further analysis will make use of the reports on approximately 11,000 fishing trips, the wide variety of types of anglers and the variety of preferences and opinions on the use and management of recreational fishery resources. While the descriptives are of interest in themselves, there is a great deal of information in this data set which will be of use to managers and decision makers now and in the future.

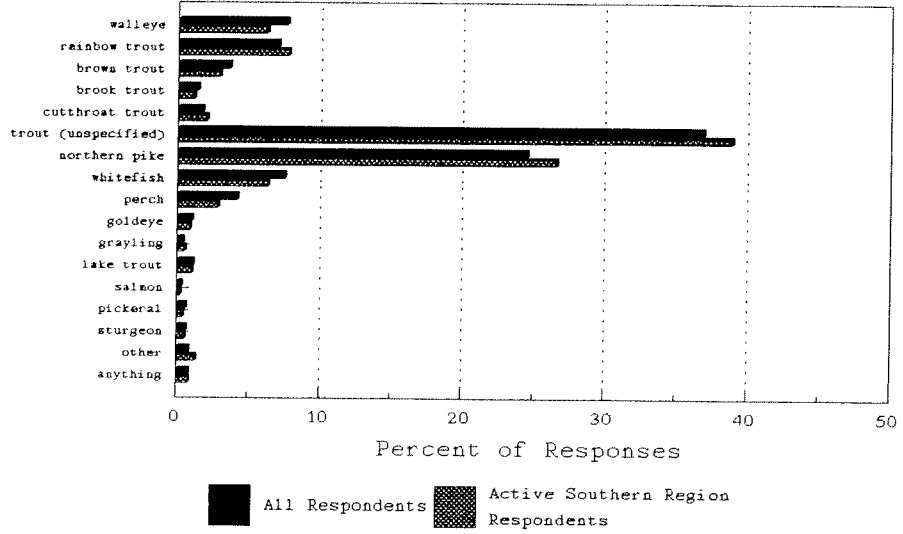
Preferred Management Option

Management Options

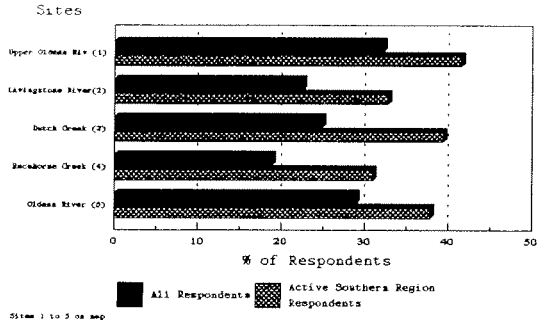


Type of Fish Sought

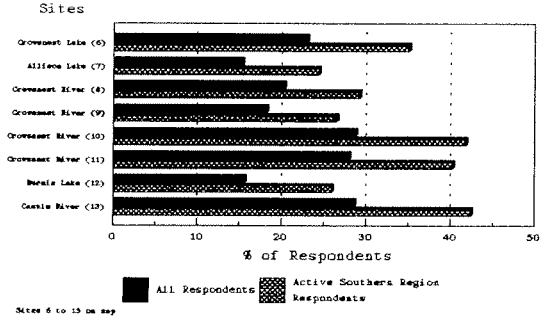
Fish Type



Awareness of Fishing Sites
(Upper Oldman River Area)

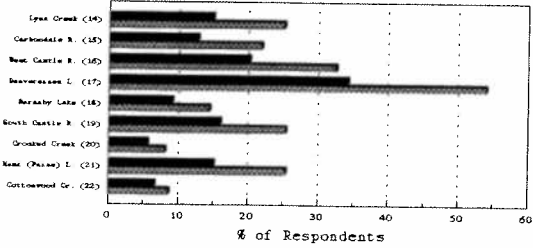


Awareness of Fishing Sites
(Crowsnest River Area)



Awareness of Fishing Sites
(Castle River / Waterton Lakes Area)

Sites

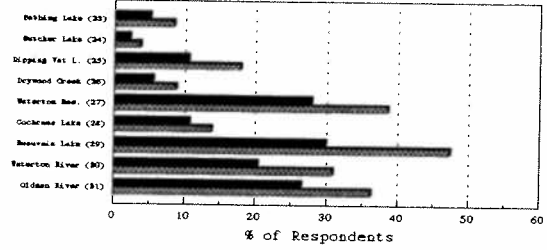


■ All Respondents ■ Active Southern Region Respondents

Sites 14 to 22 as map

Awareness of Fishing Sites
(Pincher Creek Area)

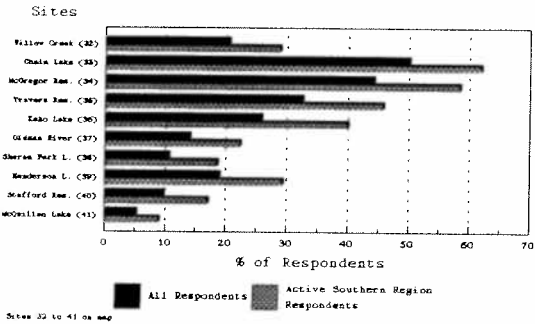
Sites



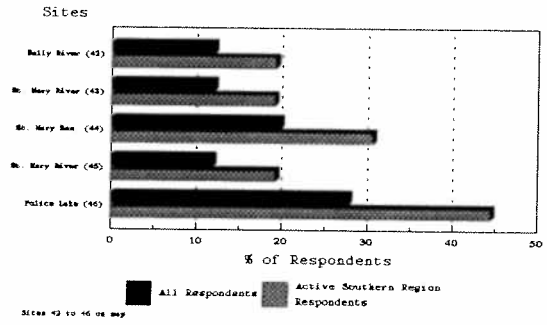
■ All Respondents ■ Active Southern Region Respondents

Sites 23 to 31 as map

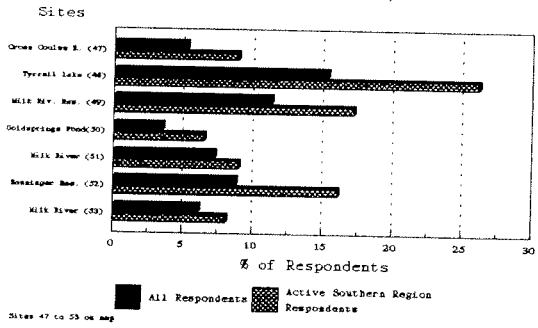
Awareness of Fishing Sites
(Claresholm / Lethbridge / Vulcan Area)



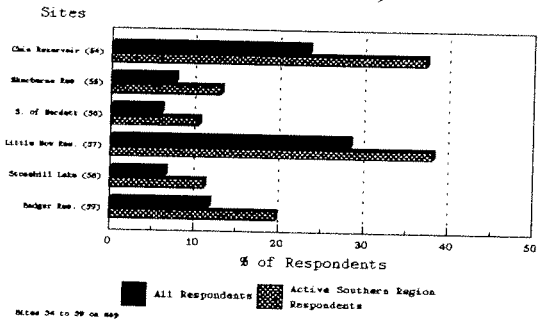
Awareness of Fishing Sites
(Cardston Area)



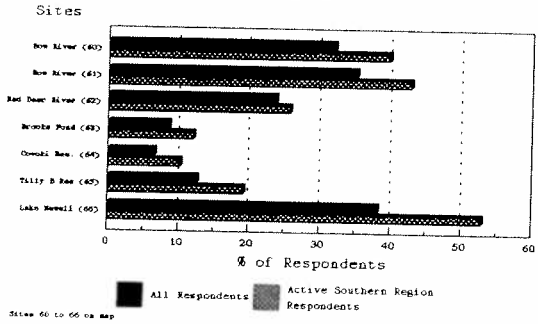
Awareness of Fishing Sites
(Milk River / Warner Area)



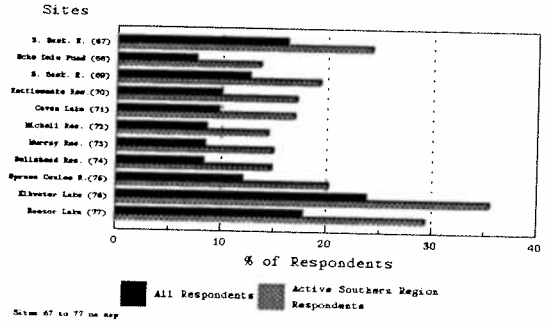
Awareness of Fishing Sites
(Taber / Vauxhall Area)



Awareness of Fishing Sites
(Bassano / Brooks Area)



Awareness of Fishing Sites
(Medicine Hat Area)



**APPENDIX A: DESCRIPTIVE STATISTICS
ALL RESPONDENTS**

Question 1.1 Good chance to catch trophy-sized fish

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 787 | 37.2 | 38.0 | 38.0 |
| | 2 | 378 | 17.9 | 18.3 | 56.3 |
| somewhat important | 3 | 614 | 29.0 | 29.7 | 86.0 |
| | 4 | 174 | 8.2 | 8.4 | 94.4 |
| very important | 5 | 116 | 5.5 | 5.6 | 100.0 |
| | 0 | 46 | 2.2 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |
| MEAN | 2.253 | MEDIAN | 2.000 | STD DEV | 1.206 |
| VARIANCE | 1.455 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.2 Good chance to catch limit

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 510 | 24.1 | 24.6 | 24.6 |
| | 2 | 393 | 18.6 | 19.0 | 43.6 |
| somewhat important | 3 | 641 | 30.3 | 30.9 | 74.5 |
| | 4 | 330 | 15.6 | 15.9 | 90.4 |
| very important | 5 | 199 | 9.4 | 9.6 | 100.0 |
| | 0 | 42 | 2.0 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |
| MEAN | 2.670 | MEDIAN | 3.000 | STD DEV | 1.268 |
| VARIANCE | 1.608 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.3 Good chance to catch preferred fish species

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 332 | 15.7 | 16.1 | 16.1 |
| | 2 | 186 | 8.8 | 9.0 | 25.2 |
| somewhat important | 3 | 625 | 29.6 | 30.4 | 55.5 |
| | 4 | 529 | 25.0 | 25.7 | 81.2 |
| very important | 5 | 387 | 18.3 | 18.8 | 100.0 |
| | 0 | 56 | 2.6 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |
| MEAN | 3.220 | MEDIAN | 3.000 | STD DEV | 1.302 |
| VARIANCE | 1.696 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.4 Knowing that the lake is stocked with fish

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 288 | 13.6 | 14.1 | 14.1 |
| | 2 | 235 | 11.1 | 11.5 | 25.6 |
| somewhat important | 3 | 574 | 27.1 | 28.1 | 53.6 |
| | 4 | 345 | 16.3 | 16.9 | 70.5 |
| very important | 5 | 604 | 28.6 | 29.5 | 100.0 |
| | 0 | 69 | 3.3 | MISSING | |
| | | ----- | ----- | ----- | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 3.363 | MEDIAN | 3.000 | STD DEV | 1.377 |
| VARIANCE | 1.897 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.5 Privacy from other anglers

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 266 | 12.6 | 12.9 | 12.9 |
| | 2 | 249 | 11.8 | 12.1 | 25.0 |
| somewhat important | 3 | 623 | 29.5 | 30.3 | 55.3 |
| | 4 | 489 | 23.1 | 23.7 | 79.0 |
| very important | 5 | 432 | 20.4 | 21.0 | 100.0 |
| | 0 | 56 | 2.6 | MISSING | |
| | | ----- | ----- | ----- | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 3.278 | MEDIAN | 3.000 | STD DEV | 1.280 |
| VARIANCE | 1.638 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.6 Natural beauty of surroundings

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 68 | 3.2 | 3.3 | 3.3 |
| | 2 | 71 | 3.4 | 3.4 | 6.7 |
| somewhat important | 3 | 404 | 19.1 | 19.5 | 26.2 |
| | 4 | 612 | 28.9 | 29.6 | 55.8 |
| very important | 5 | 914 | 43.2 | 44.2 | 100.0 |
| | 0 | 46 | 2.2 | MISSING | |
| | | ----- | ----- | ----- | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 4.079 | MEDIAN | 4.000 | STD DEV | 1.032 |
| VARIANCE | 1.064 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.7 Water quality

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 18 | .9 | .9 | .9 |
| | 2 | 21 | 1.0 | 1.0 | 1.9 |
| somewhat important | 3 | 216 | 10.2 | 10.5 | 12.4 |
| | 4 | 510 | 24.1 | 24.8 | 37.2 |
| very important | 5 | 1294 | 61.2 | 62.8 | 100.0 |
| | 0 | 56 | 2.6 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 4.477 | MEDIAN | 5.000 | STD DEV | .791 |
| VARIANCE | .626 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.8 Access to wilderness areas

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 242 | 11.4 | 11.8 | 11.8 |
| | 2 | 239 | 11.3 | 11.7 | 23.5 |
| somewhat important | 3 | 645 | 30.5 | 31.5 | 55.0 |
| | 4 | 453 | 21.4 | 22.1 | 77.1 |
| very important | 5 | 468 | 22.1 | 22.9 | 100.0 |
| | 0 | 68 | 3.2 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 3.325 | MEDIAN | 3.000 | STD DEV | 1.273 |
| VARIANCE | 1.620 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.9 Site limited to fly fishing

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 1210 | 57.2 | 59.1 | 59.1 |
| | 2 | 323 | 15.3 | 15.8 | 74.9 |
| somewhat important | 3 | 266 | 12.6 | 13.0 | 87.9 |
| | 4 | 117 | 5.5 | 5.7 | 93.6 |
| very important | 5 | 130 | 6.1 | 6.4 | 100.0 |
| | 0 | 69 | 3.3 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 1.844 | MEDIAN | 1.000 | STD DEV | 1.224 |
| VARIANCE | 1.498 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.10 Distance from home

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 264 | 12.5 | 12.8 | 12.8 |
| | 2 | 201 | 9.5 | 9.7 | 22.5 |
| somewhat important | 3 | 1001 | 47.3 | 48.4 | 70.9 |
| | 4 | 352 | 16.6 | 17.0 | 87.9 |
| very important | 5 | 251 | 11.9 | 12.1 | 100.0 |
| | 0 | 46 | 2.2 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |
| MEAN | 3.060 | MEDIAN | 3.000 | STD DEV | 1.122 |
| VARIANCE | 1.260 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.11 Familiarity with the area

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 320 | 15.1 | 15.6 | 15.6 |
| | 2 | 314 | 14.8 | 15.3 | 30.9 |
| somewhat important | 3 | 882 | 41.7 | 42.9 | 73.8 |
| | 4 | 356 | 16.8 | 17.3 | 91.1 |
| very important | 5 | 182 | 8.6 | 8.9 | 100.0 |
| | 0 | 61 | 2.9 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |
| MEAN | 2.886 | MEDIAN | 3.000 | STD DEV | 1.136 |
| VARIANCE | 1.291 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.12 Owning land or a cabin near the site

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 1646 | 77.8 | 80.1 | 80.1 |
| | 2 | 199 | 9.4 | 9.7 | 89.8 |
| somewhat important | 3 | 114 | 5.4 | 5.5 | 95.3 |
| | 4 | 44 | 2.1 | 2.1 | 97.5 |
| very important | 5 | 52 | 2.5 | 2.5 | 100.0 |
| | 0 | 60 | 2.8 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |
| MEAN | 1.373 | MEDIAN | 1.000 | STD DEV | .882 |
| VARIANCE | .777 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.13 Good road access to the site

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 344 | 16.3 | 16.7 | 16.7 |
| | 2 | 274 | 13.0 | 13.3 | 30.0 |
| somewhat important | 3 | 686 | 32.4 | 33.3 | 63.2 |
| | 4 | 426 | 20.1 | 20.7 | 83.9 |
| very important | 5 | 332 | 15.7 | 16.1 | 100.0 |
| | 0 | 53 | 2.5 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

| | | | | | |
|----------|-------|---------|-------|---------|-------|
| MEAN | 3.062 | MEDIAN | 3.000 | STD DEV | 1.284 |
| VARIANCE | 1.648 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.14 Site with boat access

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 789 | 37.3 | 38.3 | 38.3 |
| | 2 | 265 | 12.5 | 12.9 | 51.2 |
| somewhat important | 3 | 477 | 22.6 | 23.2 | 74.4 |
| | 4 | 246 | 11.6 | 12.0 | 86.3 |
| very important | 5 | 281 | 13.3 | 13.7 | 100.0 |
| | 0 | 57 | 2.7 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

| | | | | | |
|----------|-------|---------|-------|---------|-------|
| MEAN | 2.497 | MEDIAN | 2.000 | STD DEV | 1.441 |
| VARIANCE | 2.076 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.15 Picnic/camping facilities at or near site

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 461 | 21.8 | 22.4 | 22.4 |
| | 2 | 230 | 10.9 | 11.2 | 33.5 |
| somewhat important | 3 | 541 | 25.6 | 26.2 | 59.7 |
| | 4 | 420 | 19.9 | 20.4 | 80.1 |
| very important | 5 | 410 | 19.4 | 19.9 | 100.0 |
| | 0 | 53 | 2.5 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

| | | | | | |
|----------|-------|---------|-------|---------|-------|
| MEAN | 3.043 | MEDIAN | 3.000 | STD DEV | 1.416 |
| VARIANCE | 2.004 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.16 Friends or relatives live nearby

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 1712 | 80.9 | 82.5 | 82.5 |
| | 2 | 213 | 10.1 | 10.3 | 92.8 |
| somewhat important | 3 | 99 | 4.7 | 4.8 | 97.5 |
| | 4 | 28 | 1.3 | 1.3 | 98.9 |
| very important | 5 | 23 | 1.1 | 1.1 | 100.0 |
| | 0 | 40 | 1.9 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 1.283 | MEDIAN | 1.000 | STD DEV | .716 |
| VARIANCE | .513 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 2 Information about trips to your favorite fishing site

Question 2A Approximately how many years have you fished at this site?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-----------------------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 0 | 45 | 2 | 2 | 14 | 13 | 1 | 74 | 29 | 1 | 0 | 94 |
| 1 | 120 | 6 | 8 | 15 | 144 | 7 | 81 | 30 | 52 | 3 | 97 |
| 2 | 182 | 9 | 17 | 16 | 16 | 1 | 81 | 33 | 1 | 0 | 97 |
| 3 | 199 | 10 | 26 | 17 | 11 | 1 | 82 | 34 | 4 | 0 | 97 |
| 4 | 125 | 6 | 32 | 18 | 15 | 1 | 83 | 35 | 13 | 1 | 98 |
| 5 | 251 | 12 | 44 | 19 | 2 | 0 | 83 | 36 | 1 | 0 | 98 |
| 6 | 99 | 5 | 49 | 20 | 148 | 7 | 90 | 38 | 1 | 0 | 98 |
| 7 | 62 | 3 | 52 | 21 | 2 | 0 | 90 | 40 | 24 | 1 | 99 |
| 8 | 81 | 4 | 56 | 22 | 8 | 0 | 90 | 45 | 7 | 0 | 99 |
| 9 | 9 | 0 | 56 | 23 | 7 | 0 | 91 | 46 | 1 | 0 | 99 |
| 10 | 283 | 14 | 70 | 24 | 2 | 0 | 91 | 50 | 6 | 0 | 100 |
| 11 | 12 | 1 | 71 | 25 | 68 | 3 | 94 | 55 | 2 | 0 | 100 |
| 12 | 44 | 2 | 73 | 26 | 3 | 0 | 94 | 57 | 1 | 0 | 100 |
| 13 | 9 | 0 | 73 | 28 | 3 | 0 | 94 | 60 | 2 | 0 | 100 |
| M I S S I N G D A T A | | | | | | | | | | | |
| VALUE FREQ | | | | | | | | | | | |
| 99 36 | | | | | | | | | | | |

| | | | | | |
|----------|--------|---------|-------|---------|--------|
| MEAN | 9.975 | MEDIAN | 7.000 | STD DEV | 9.200 |
| VARIANCE | 84.649 | MINIMUM | .000 | MAXIMUM | 60.000 |

Question 2B Approximately how many times have you visited this site in the last 5 years ?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------|-------|-----------|---------|---------------|-------------|
| less than 5 | 1 | 379 | 17.9 | 18.5 | 18.5 |
| 6-10' | 2 | 502 | 23.7 | 24.6 | 43.1 |
| 11-15 | 3 | 255 | 12.1 | 12.5 | 55.6 |
| 6-20 | 4 | 221 | 10.4 | 10.8 | 66.4 |
| 21-30 | 5 | 243 | 11.5 | 11.9 | 78.3 |
| more than 30 | 6 | 444 | 21.0 | 21.7 | 100.0 |
| | 0 | 71 | 3.4 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 3.381 | MEDIAN | 3.000 | STD DEV | 1.839 |
| VARIANCE | 3.382 | MINIMUM | 1.000 | MAXIMUM | 6.000 |

Question 2C How did you first become aware of this site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|---|-------|-----------|---------|---------------|-------------|
| from family member | 1 | 336 | 15.9 | 16.5 | 16.5 |
| from friends | 2 | 764 | 36.1 | 37.5 | 54.0 |
| word of mouth, general | 3 | 281 | 13.3 | 13.8 | 67.8 |
| Alberta Fishing guide | 4 | 16 | .8 | .8 | 68.6 |
| tourist info, (pamphlets, highway signs, derbies) | 5 | 78 | 3.7 | 3.8 | 72.4 |
| random chance, (includes hiking camping, driving) | 6 | 311 | 14.7 | 15.3 | 87.7 |
| close to home | 7 | 159 | 7.5 | 7.8 | 95.5 |
| do not have a favorite | 8 | 24 | 1.1 | 1.2 | 96.7 |
| miscellaneous, paid guide | 9 | 17 | .8 | .8 | 97.5 |
| maps | 10 | 20 | .9 | 1.0 | 98.5 |
| do not remember | 11 | 5 | .2 | .2 | 98.8 |
| while hunting | 12 | 25 | 1.2 | 1.2 | 100.0 |
| | 0 | 79 | 3.7 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 3.458 | MEDIAN | 2.000 | STD DEV | 2.417 |
| VARIANCE | 5.842 | MINIMUM | 1.000 | MAXIMUM | 12.000 |

Question 2D What are the specific things about this site that you particularly enjoy?

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---|------------------|-------|------------------|--------------|
| large fish | 1 | 126 | 3.2 | 6.2 |
| good fishing (catch rate) | 2 | 732 | 18.4 | 36.2 |
| fish are stocked | 3 | 40 | 1.0 | 2.0 |
| numerous variety of species | 4 | 53 | 1.3 | 2.6 |
| favorite species present | 5 | 126 | 3.2 | 6.2 |
| type of fishing (fly, boat etc) | 6 | 66 | 1.7 | 3.3 |
| seclusion, quietness | 7 | 619 | 15.5 | 30.6 |
| road access | 8 | 215 | 5.4 | 10.6 |
| boat access | 9 | 44 | 1.1 | 2.2 |
| commercial facilities (stores etc) | 10 | 6 | 0.2 | 0.3 |
| camping/picnic facilities | 11 | 310 | 7.8 | 15.3 |
| facilities (unspecified) | 12 | 48 | 1.2 | 2.4 |
| close to home/worksites | 13 | 241 | 6.0 | 11.9 |
| water quality | 14 | 204 | 5.1 | 10.1 |
| scenic quality | 15 | 624 | 15.7 | 30.8 |
| fresh air | 16 | 18 | 0.5 | 0.9 |
| open fires allowed | 17 | 3 | 0.1 | 0.1 |
| outdoor experience (general) | 18 | 137 | 3.4 | 6.8 |
| other campers (friendliness) | 19 | 19 | 0.5 | 0.9 |
| familiarity with site | 20 | 17 | 0.4 | 0.8 |
| presence of other wildlife | 21 | 45 | 1.1 | 2.2 |
| undeveloped, wilderness | 22 | 137 | 3.4 | 6.8 |
| do not have a favorite site | 23 | 24 | 0.6 | 1.2 |
| patrolled by fish and wildlife officers | 24 | 2 | 0.1 | 0.1 |
| size of lake | 25 | 33 | 0.8 | 1.6 |
| clean, unpolluted, general | 26 | 77 | 1.9 | 3.8 |
| own land or cabin nearby | 27 | 8 | 0.2 | 0.4 |
| free camping | 28 | 11 | 0.3 | 0.5 |
| | | ----- | ----- | ----- |
| | TOTAL RESPONSES | 3985 | 100.0 | 196.9 |
| 91 MISSING CASES | 2024 VALID CASES | | | |

Question 3 Information about typical fishing trips

Question 3A What type of transport do you usually use to go from your home to a fishing site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|---------------|-------|-----------|---------|---------------|-------------|
| walk/bicycle | 1 | 52 | 2.5 | 2.5 | 2.5 |
| motorbike/ATV | 2 | 14 | .7 | .7 | 3.2 |
| car/truck/van | 3 | 1518 | 71.8 | 74.3 | 77.5 |
| camper/RV | 4 | 444 | 21.0 | 21.7 | 99.2 |
| other | 5 | 16 | .8 | .8 | 100.0 |
| | 0 | 71 | 3.4 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 3A.1 Other transport to fishing site

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| airplane | 1 | 6 | 37.5 | 46.2 | 46.2 |
| horse | 2 | 5 | 31.2 | 38.5 | 84.7 |
| boat | 3 | 2 | 12.5 | 15.3 | 100.0 |
| | 4 | 3 | 18.8 | MISSING | |
| TOTAL | | 16 | 100.0 | 100.0 | |

Question 3B How long do you stay at the site on a typical trip to a fishing site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|---------------------|-------|-----------|---------|---------------|-------------|
| 1-2 hours | 1 | 89 | 4.2 | 4.3 | 4.3 |
| half day | 2 | 472 | 22.3 | 22.8 | 27.1 |
| full day | 3 | 720 | 34.0 | 34.7 | 61.8 |
| 2-3 days | 4 | 650 | 30.7 | 31.4 | 93.2 |
| greater than 3 days | 5 | 142 | 6.7 | 6.8 | 100.0 |
| | 0 | 42 | 2.0 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 3C Generally speaking, how enjoyable do you find the time spent travelling to the fishing site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|------------------|-------|-----------|---------|---------------|-------------|
| very unenjoyable | 1 | 101 | 4.8 | 4.8 | 4.8 |
| | 2 | 212 | 10.0 | 10.2 | 15.0 |
| | 3 | 881 | 41.7 | 42.2 | 57.2 |
| | 4 | 493 | 23.3 | 23.6 | 80.8 |
| very enjoyable | 5 | 401 | 19.0 | 19.2 | 100.0 |
| | 0 | 27 | 1.3 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |
| MEAN | 3.422 | MEDIAN | 3.000 | STD DEV | 1.059 |
| VARIANCE | 1.122 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 3D What type of fishing do you usually do?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------|-------|-----------|---------|---------------|-------------|
| bait fishing | 1 | 421 | 19.9 | 22.1 | 22.1 |
| spin casting | 2 | 863 | 40.8 | 45.3 | 67.3 |
| trolling | 3 | 271 | 12.8 | 14.2 | 81.5 |
| fly fishing | 4 | 301 | 14.2 | 15.8 | 97.3 |
| ice fishing | 5 | 51 | 2.4 | 2.7 | 100.0 |
| | 0 | 208 | 9.8 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 3E What method of fishing do you usually use?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------|-------|-----------|---------|---------------|-------------|
| from shore | 1 | 1246 | 58.9 | 61.4 | 61.4 |
| motorboat | 2 | 558 | 26.4 | 27.5 | 88.9 |
| canoe/rowing | 3 | 120 | 5.7 | 5.9 | 94.8 |
| other | 4 | 105 | 5.0 | 5.2 | 100.0 |
| | 0 | 86 | 4.1 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 3E.1 Other methods of fishing used

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| float | 1 | 7 | 6.7 | 29.2 | 29.2 |
| wading | 2 | 15 | 14.3 | 62.5 | 91.7 |
| ice fishing | 3 | 2 | 1.9 | 8.3 | 100.0 |
| | 4 | 81 | 77.1 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 105 | 100.0 | 100.0 | |

Question 3F In pounds, approximately how much fish do you take home on a typical fishing trip?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| < 1 lb | 1 | 561 | 26.5 | 26.8 | 26.8 |
| 1-4 lb | 2 | 1054 | 49.8 | 50.4 | 77.2 |
| 5-10 lb | 3 | 402 | 19.0 | 19.2 | 96.5 |
| > 10 lb | 4 | 74 | 3.5 | 3.5 | 100.0 |
| | 0 | 24 | 1.1 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 3G Approximately how many years of fishing experience do you have?

| VALUE | FREQUENCY | PERCENT | CUMULATIVE PERCENT | | |
|----------|-----------|---------|--------------------|---------|--------|
| 0-4 | 118 | 5.7 | 5.7 | | |
| 5-9 | 177 | 8.5 | 14.2 | | |
| 10-14 | 272 | 13.1 | 27.3 | | |
| 15-19 | 267 | 12.9 | 40.2 | | |
| 20-24 | 368 | 17.8 | 58.0 | | |
| 25-29 | 255 | 12.3 | 70.3 | | |
| 30-34 | 258 | 12.5 | 82.8 | | |
| 35-39 | 122 | 5.9 | 88.7 | | |
| 40-44 | 128 | 6.2 | 94.9 | | |
| 45-49 | 48 | 2.3 | 97.2 | | |
| 50-54 | 41 | 2.0 | 99.2 | | |
| 55-59 | 13 | 0.6 | 99.8 | | |
| 60-64 | 5 | 0.2 | 100.0 | | |
| 99 | 43 | MISSING | | | |
| MEAN | 21.467 | MEDIAN | 20.000 | STD DEV | 12.225 |
| VARIANCE | 149.442 | MINIMUM | .000 | MAXIMUM | 60.000 |

Question 3H Do you practice catch and release fishing?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| yes | 1 | 1651 | 78.1 | 78.5 | 78.5 |
| no | 2 | 452 | 21.4 | 21.5 | 100.0 |
| | 0 | 12 | .6 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 3I How far ahead do you usually plan fishing trips?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------------|-------|-----------|---------|---------------|-------------|
| on the same day | 1 | 162 | 7.7 | 7.8 | 7.8 |
| day before | 2 | 325 | 15.4 | 15.6 | 23.4 |
| few days before | 3 | 769 | 36.4 | 37.0 | 60.4 |
| a week before | 4 | 410 | 19.4 | 19.7 | 80.1 |
| few weeks before | 5 | 291 | 13.8 | 14.0 | 94.1 |
| more than a month before | 6 | 123 | 5.8 | 5.9 | 100.0 |
| | 0 | 35 | 1.7 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 3J Who do you usually go fishing with?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| spouse | 1 | 376 | 17.8 | 18.7 | 18.7 |
| friends | 2 | 773 | 36.5 | 38.4 | 57.1 |
| family | 3 | 727 | 34.4 | 36.2 | 93.3 |
| nobody | 4 | 135 | 6.4 | 6.7 | 100.0 |
| | 0 | 104 | 4.9 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 4 If overfishing becomes a problem in Alberta lakes and rivers, which of the following management options would you most like to see used to address the problem?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-----------------------------|-------|-----------|---------|---------------|-------------|
| shorter season | 1 | 81 | 3.8 | 3.9 | 3.9 |
| size limit | 2 | 246 | 11.6 | 11.8 | 15.6 |
| no bait fishing | 3 | 66 | 3.1 | 3.2 | 18.8 |
| increase licence fees | 4 | 30 | 1.4 | 1.4 | 20.2 |
| increase stocking | 5 | 514 | 24.3 | 24.6 | 44.8 |
| more enforcement | 6 | 197 | 9.3 | 9.4 | 54.2 |
| catch and release | 7 | 588 | 27.8 | 28.1 | 82.3 |
| larger fines for violations | 8 | 203 | 9.6 | 9.7 | 92.0 |
| other | 9 | 168 | 7.9 | 8.0 | 100.0 |
| | 0 | 22 | 1.0 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 4.1 alternate management option (if other chosen)

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|----------------------|-------|-----------|---------|---------------|-------------|
| no management needed | 0 | 12 | 7.1 | 7.6 | 7.6 |
| combination of above | 1 | 111 | 66.1 | 70.3 | 77.9 |
| rotational closures, | 2 | 3 | 1.8 | 1.9 | 79.8 |
| barbless hooks | 3 | 1 | 0.6 | 0.6 | 80.4 |
| no commercial fishin | 4 | 10 | 6.0 | 6.3 | 86.7 |
| smaller limits, seas | 5 | 8 | 4.8 | 5.1 | 91.8 |
| no fishing at all | 6 | 1 | 0.6 | 0.6 | 92.4 |
| less netting, (winte | 7 | 11 | 6.5 | 7.0 | 99.4 |
| increase licence fee | 8 | 1 | 0.5 | 0.6 | 100.0 |
| | 9 | 10 | 6.0 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 168 | 100.0 | 100.0 | |

Question 5 How much do you spend on fishing over a typical fishing season?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| \$0-\$50 | 1 | 149 | 7.0 | 7.1 | 7.1 |
| \$51-\$100 | 2 | 313 | 14.8 | 14.9 | 22.0 |
| \$101-\$200 | 3 | 358 | 16.9 | 17.0 | 39.0 |
| \$201-\$300 | 4 | 365 | 17.3 | 17.4 | 56.3 |
| \$301-\$500 | 5 | 415 | 19.6 | 19.7 | 76.1 |
| > \$501 | 6 | 503 | 23.8 | 23.9 | 100.0 |
| | 0 | 12 | .6 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 3.995 | MEDIAN | 4.000 | STD DEV | 1.600 |
| VARIANCE | 2.558 | MINIMUM | 1.000 | MAXIMUM | 6.000 |

Question 6 Did you go sportfishing in Alberta in 1990?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| yes | 1 | 1847 | 87.3 | 88.0 | 88.0 |
| no | 2 | 253 | 12.0 | 12.0 | 100.0 |
| | 0 | 15 | .7 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |

Question 7 Which of the following sites have you ever visited or heard of as a fishing site?

| SITE NAME | UNAWARE OF SITE | | AWARE OF SITE | |
|--|-----------------|---------|---------------|---------|
| | FREQUENCY | PERCENT | FREQUENCY | PERCENT |
| Upper Oldman River | 1433 | 67.8 | 682 | 32.2 |
| Livingstone River | 1636 | 77.4 | 479 | 22.6 |
| Dutch Creek | 1589 | 75.1 | 526 | 24.9 |
| Racehorse Creek | 1715 | 81.1 | 400 | 18.9 |
| Oldman River, Hwy 22 bridge to Peigan Reserve | 1501 | 71.0 | 614 | 29.0 |
| Crowsnest Lake | 1629 | 77.0 | 486 | 23.0 |
| Allison (Chinook) Lake | 1792 | 84.7 | 323 | 15.3 |
| Crowsnest River, headwaters to Blairmore (Legion bridge) | 1685 | 79.7 | 430 | 20.3 |
| Crowsnest River, Blairmore to Passberg bridge (Byron Cr) | 1730 | 81.8 | 385 | 18.2 |
| Crowsnest River, Passberg bridge to Lundbreck Falls | 1509 | 71.3 | 606 | 28.7 |
| Crowsnest River, Lundbreck Falls to mouth (Blairmore Pincher Cr) | 1522 | 72.0 | 593 | 28.0 |
| Burmis Lake | 1786 | 84.4 | 329 | 15.6 |
| Castle River | 1510 | 71.4 | 605 | 28.6 |
| Lynx Creek | 1802 | 85.2 | 313 | 14.8 |
| Carbondale River | 1846 | 87.3 | 269 | 12.7 |
| West Castle River | 1690 | 79.9 | 425 | 20.1 |
| Beavermines Lake | 1394 | 65.9 | 721 | 34.1 |
| Barnaby (Southfork) Lake | 1924 | 91.0 | 191 | 9.0 |
| South Castle River | 1778 | 84.1 | 337 | 15.9 |
| Crooked Creek | 1998 | 94.5 | 117 | 5.5 |
| Mami (Paine) Lake | 1798 | 85.0 | 317 | 15.0 |
| Cottonwood Creek | 1977 | 93.5 | 138 | 6.5 |
| Bathing Lake | 2012 | 95.1 | 103 | 4.9 |
| Butcher Lake | 2070 | 97.9 | 45 | 2.1 |
| Dipping Vat Lake | 1896 | 89.6 | 219 | 10.4 |
| Drywood Creek | 2000 | 94.6 | 115 | 5.4 |
| Waterton Reservoir | 1529 | 72.3 | 586 | 27.7 |
| Cochrane Lake | 1890 | 89.4 | 225 | 10.6 |
| Beauvais Lake | 1487 | 70.3 | 628 | 29.7 |
| Waterton River | 1688 | 79.8 | 427 | 20.2 |
| Oldman River at Fort MacLeod | 1559 | 73.7 | 556 | 26.3 |
| Willow Creek | 1685 | 79.7 | 430 | 20.3 |
| Chain Lake | 1057 | 50.0 | 1058 | 50.0 |
| McGregor Reservoir | 1182 | 55.9 | 933 | 44.1 |
| Travers Reservoir | 1430 | 67.6 | 685 | 32.4 |
| Keho Lake | 1571 | 74.3 | 544 | 25.7 |
| Oldman River-Monarch to Forks | 1821 | 86.1 | 294 | 13.9 |
| Nicholas Sheran Park Lake | 1896 | 89.6 | 219 | 10.4 |
| Henderson Lake | 1718 | 81.2 | 397 | 18.8 |
| Stafford Reservoir | 1911 | 90.4 | 204 | 9.6 |
| McQuillan Lake | 2007 | 94.9 | 108 | 5.1 |

Question 7 (Continued) Which of the following sites have you ever visited or heard of as a fishing site?

| SITE NAME | UNAWARE OF SITE | | AWARE OF SITE | |
|--|-----------------|---------|---------------|---------|
| | FREQUENCY | PERCENT | FREQUENCY | PERCENT |
| Belly River | 1861 | 88.0 | 254 | 12.0 |
| St Mary River, Upper to Reservoir | 1861 | 88.0 | 254 | 12.0 |
| St Mary Reservoir | 1696 | 80.2 | 419 | 19.8 |
| St Mary River below Reservoir | 1866 | 88.2 | 249 | 11.8 |
| Police (Outpost) Lake | 1527 | 72.2 | 588 | 27.8 |
| Cross Coulee Reservoir | 2005 | 94.8 | 110 | 5.2 |
| Tyrrell Lake | 1791 | 84.7 | 324 | 15.3 |
| Milk River Ridge Reservoir | 1875 | 88.7 | 240 | 11.3 |
| Goldsprings Park pond | 2041 | 96.5 | 74 | 3.5 |
| Milk River, mouth of the N. Milk River to Miners Coulee Creek | 1961 | 92.7 | 154 | 7.3 |
| Heninger Reservoir | 1928 | 91.2 | 187 | 8.8 |
| Milk River, Miners Coulee Creek to Montana border | 1984 | 93.8 | 131 | 6.2 |
| Chin Reservoir | 1622 | 76.7 | 493 | 23.3 |
| Sherburne Reservoir | 1955 | 92.4 | 160 | 7.6 |
| Lake south of Burdett | 1989 | 94.0 | 126 | 6.0 |
| Little Bow Reservoir | 1517 | 71.7 | 598 | 28.3 |
| Stonehill Lake | 1977 | 93.5 | 138 | 6.5 |
| Badger Reservoir | 1867 | 88.3 | 248 | 11.7 |
| Bow River Bassano Dam to mouth | 1439 | 68.0 | 676 | 32.0 |
| Bow River Carseland to Bassano | 1373 | 64.9 | 742 | 35.1 |
| Red Deer River, Finegan to Dinosaur Provincial Park | 1614 | 76.3 | 501 | 23.7 |
| Brooks childrens pond | 1933 | 91.4 | 182 | 8.6 |
| Cowoki Reservoir | 1976 | 93.4 | 139 | 6.6 |
| Tilly B Reservoir | 1847 | 87.3 | 268 | 12.7 |
| Lake Newell | 1308 | 61.8 | 807 | 38.2 |
| South Saskatchewan River, Rattlesnake to Saskatchewan border | 1777 | 84.0 | 338 | 16.0 |
| Echo Dale Regional Park pond | 1958 | 92.6 | 157 | 7.4 |
| South Saskatchewan River, Forks to Rattlesnake | 1850 | 87.5 | 265 | 12.5 |
| Rattlesnake/Sauder Reservoir | 1908 | 90.2 | 207 | 9.8 |
| Cavan Lake | 1913 | 90.4 | 202 | 9.6 |
| Michell Reservoir | 1937 | 91.6 | 178 | 8.4 |
| Murray Reservoir | 1940 | 91.7 | 175 | 8.3 |
| Bullshhead Reservoir | 1941 | 91.8 | 174 | 8.2 |
| Spruce Coulee Reservoir | 1863 | 88.1 | 252 | 11.9 |
| Elkwater Lake | 1614 | 76.3 | 501 | 23.7 |
| Reesor Lake | 1740 | 82.3 | 375 | 17.7 |

Question 8A How many trips did you take in 1990?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 1 | 172 | 10 | 10 | 17 | 6 | 0 | 86 | 35 | 7 | 0 | 97 |
| 2 | 166 | 10 | 20 | 18 | 10 | 1 | 87 | 36 | 1 | 0 | 97 |
| 3 | 216 | 13 | 32 | 19 | 4 | 0 | 87 | 38 | 3 | 0 | 97 |
| 4 | 164 | 10 | 42 | 20 | 51 | 3 | 90 | 39 | 1 | 0 | 97 |
| 5 | 153 | 9 | 51 | 21 | 1 | 0 | 90 | 40 | 14 | 1 | 98 |
| 6 | 119 | 7 | 58 | 22 | 4 | 0 | 90 | 41 | 1 | 0 | 98 |
| 7 | 95 | 6 | 63 | 23 | 2 | 0 | 90 | 42 | 1 | 0 | 98 |
| 8 | 77 | 4 | 68 | 24 | 5 | 0 | 91 | 45 | 5 | 0 | 98 |
| 9 | 71 | 4 | 72 | 25 | 35 | 2 | 93 | 48 | 1 | 0 | 98 |
| 10 | 62 | 4 | 75 | 26 | 1 | 0 | 93 | 50 | 15 | 1 | 99 |
| 11 | 46 | 3 | 78 | 27 | 1 | 0 | 93 | 52 | 1 | 0 | 99 |
| 12 | 40 | 2 | 80 | 28 | 4 | 0 | 93 | 60 | 3 | 0 | 99 |
| 13 | 19 | 1 | 82 | 29 | 1 | 0 | 93 | 61 | 1 | 0 | 99 |
| 14 | 17 | 1 | 83 | 30 | 52 | 3 | 96 | 70 | 3 | 0 | 100 |
| 15 | 51 | 3 | 86 | 33 | 1 | 0 | 96 | 75 | 2 | 0 | 100 |
| 16 | 6 | 0 | 86 | 34 | 1 | 0 | 96 | 99 | 4 | 0 | 100 |

M I S S I N G D A T A

VALUE FREQ

0 399

| | | | | | |
|----------|---------|---------|-------|---------|--------|
| MEAN | 9.124 | MEDIAN | 5.000 | STD DEV | 10.970 |
| VARIANCE | 120.340 | MINIMUM | 1.000 | MAXIMUM | 99.000 |

Question 8B Site of fishing trips

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---|------|-------|------------------|--------------|
| Upper Oldman River, (NW Branch) | 1 | 63 | 0.6 | 3.7 |
| Livingstone River | 2 | 51 | 0.5 | 3.0 |
| Dutch Creek | 3 | 62 | 0.6 | 3.6 |
| Racehorse Creek | 4 | 38 | 0.4 | 2.2 |
| Oldman River; Hwy 22 bridge to Peigan Reserve | 5 | 37 | 0.3 | 2.2 |
| Crowsnest Lake | 6 | 42 | 0.4 | 2.5 |
| Chinook Lake (Allison Lake) | 7 | 37 | 0.3 | 2.2 |
| Crowsnest River; headwaters to Blairmore (Legion bridge) | 8 | 11 | 0.1 | 0.6 |
| Crowsnest River; Blairmore to Passberg bridge (Byron Creek) | 9 | 12 | 0.1 | 0.7 |
| Crowsnest River; Passberg bridge to Lundbreck Falls | 10 | 49 | 0.5 | 2.9 |
| Crowsnest River; Lundbreck Falls to mouth (Blairmore Pincher Creek areas) | 11 | 79 | 0.7 | 4.6 |
| Burmis Lake | 12 | 7 | 0.1 | 0.4 |
| Castle River | 13 | 90 | 0.8 | 5.3 |
| Lynx Creek | 14 | 40 | 0.4 | 2.4 |
| Carbondale River | 15 | 42 | 0.4 | 2.5 |
| West Castle River | 16 | 48 | 0.4 | 2.8 |
| Beavermines Lake | 17 | 172 | 1.6 | 10.1 |
| Barnaby (Southfork) Lake | 18 | 4 | 0.0 | 0.2 |
| South Castle River | 19 | 43 | 0.4 | 2.5 |
| Crooked Creek | 20 | 4 | 0.0 | 0.2 |
| Mami (Paine) Lake | 21 | 106 | 1.0 | 6.2 |
| Cottonwood Creek | 22 | 4 | 0.0 | 0.2 |
| Bathing Lake | 23 | 13 | 0.1 | 0.8 |
| Butcher Lake | 24 | 1 | 0.0 | 0.1 |
| Dipping Vat Lake | 25 | 20 | 0.2 | 1.2 |
| Waterton Reservoir | 27 | 35 | 0.3 | 2.1 |
| Cochrane Lake | 28 | 19 | 0.2 | 1.1 |
| Beauvais Lake | 29 | 83 | 0.8 | 4.9 |
| Waterton River | 30 | 27 | 0.2 | 1.6 |
| Oldman River - near Fort MacLeod | 31 | 17 | 0.2 | 1.0 |
| Willow Creek | 32 | 26 | 0.2 | 1.5 |
| Chain Lake | 33 | 234 | 2.2 | 13.8 |
| McGregor Reservoir | 34 | 308 | 2.9 | 18.1 |
| Travers Reservoir | 35 | 171 | 1.6 | 10.1 |
| Keho Lake | 36 | 94 | 0.9 | 5.5 |
| Oldman River; Monarch to Forks | 37 | 12 | 0.1 | 0.7 |
| Nicholas Sheran Park Lake | 38 | 29 | 0.3 | 1.7 |
| Henderson Lake | 39 | 27 | 0.2 | 1.6 |
| Stafford Reservoir | 40 | 12 | 0.1 | 0.7 |
| McQuillan Lake | 41 | 8 | 0.1 | 0.5 |
| Belly River | 42 | 8 | 0.1 | 0.5 |
| St Mary River; Upper to Reservoir | 43 | 7 | 0.1 | 0.4 |
| St Mary Reservoir | 44 | 35 | 0.3 | 2.1 |
| St Mary River below Reservoir | 45 | 5 | 0.0 | 0.3 |
| Police (Outpost) Lake | 46 | 47 | 0.4 | 2.8 |
| Cross Coulee Reservoir | 47 | 26 | 0.2 | 1.5 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|--|------|-------|------------------|--------------|
| Tyrrell Lake | 48 | 10 | 0.1 | 0.6 |
| Milk River Ridge Reservoir | 49 | 49 | 0.5 | 2.9 |
| Goldsprings Park pond | 50 | 11 | 0.1 | 0.6 |
| Milk River; mouth of the North Milk River to Miners Coulee Creek | 51 | 1 | 0.0 | 0.1 |
| Heninger Reservoir | 52 | 36 | 0.3 | 2.1 |
| Milk River-Miners Coulee Creek to Montana border | 53 | 3 | 0.0 | 0.2 |
| Chin Reservoir | 54 | 157 | 1.5 | 9.2 |
| Sherburne Reservoir | 55 | 91 | 0.8 | 5.4 |
| Unnamed Lake-near Burdett | 56 | 54 | 0.5 | 3.2 |
| Little Bow Reservoir | 57 | 44 | 0.4 | 2.6 |
| Stonehill Lake | 58 | 12 | 0.1 | 0.7 |
| Badger Reservoir | 59 | 69 | 0.6 | 4.1 |
| Bow River; Bassano Dam to mouth | 60 | 89 | 0.8 | 5.2 |
| Bow River; Carseland to Bassano | 61 | 220 | 2.0 | 12.9 |
| Red Deer River; Finegan to Dinosaur Provincial Park | 62 | 12 | 0.1 | 0.7 |
| Brooks childrens pond | 63 | 5 | 0.0 | 0.3 |
| Cowoki Reservoir | 64 | 12 | 0.1 | 0.7 |
| Tilly B Reservoir | 65 | 22 | 0.2 | 1.3 |
| Lake Newell | 66 | 198 | 1.8 | 11.6 |
| South Saskatchewan River; Rattlesnake to Saskatchewan border | 67 | 54 | 0.5 | 3.2 |
| Echo Dale Regional Park | 68 | 12 | 0.1 | 0.7 |
| South Saskatchewan River; Forks to Rattlesnake | 69 | 29 | 0.3 | 1.7 |
| Rattlesnake/Sauder reserve | 70 | 79 | 0.7 | 4.6 |
| Cavan Lake | 71 | 9 | 0.1 | 0.5 |
| Michell Reservoir | 72 | 24 | 0.2 | 1.4 |
| Murray Reservoir | 73 | 93 | 0.9 | 5.5 |
| Bullshead Reservoir | 74 | 10 | 0.1 | 0.6 |
| Spruce Coulee Reservoir | 75 | 114 | 1.1 | 6.7 |
| Elkwater Lake | 76 | 84 | 0.8 | 4.9 |
| Reesor Lake | 77 | 207 | 1.9 | 12.2 |
| Bow River, general | 78 | 1048 | 9.7 | 61.6 |
| Crowsnest River, general | 79 | 161 | 1.5 | 9.5 |
| Milk River, general | 80 | 6 | 0.1 | 0.4 |
| Oldman River, general | 81 | 98 | 0.9 | 5.8 |
| Red Deer River, general | 82 | 250 | 2.3 | 14.7 |
| St Mary River general | 83 | 6 | 0.1 | 0.4 |
| South Saskatchewan River general | 84 | 49 | 0.5 | 2.9 |
| Outside of province | 85 | 116 | 1.1 | 6.8 |
| Sharon Lake | 86 | 1 | 0.0 | 0.1 |
| Catarack Creek | 87 | 8 | 0.1 | 0.5 |
| Severn Reservoir | 88 | 21 | 0.2 | 1.2 |
| Weed Lake | 89 | 5 | 0.0 | 0.3 |
| Little Red Deer River | 90 | 19 | 0.2 | 1.1 |
| North Ram River | 91 | 31 | 0.3 | 1.8 |
| Kananaskis Lake | 92 | 131 | 1.2 | 7.7 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---------------------------------|------|-------|------------------|--------------|
| Highwood River | 93 | 139 | 1.3 | 8.2 |
| Sheep River | 94 | 93 | 0.9 | 5.5 |
| Lake Mindapore | 95 | 1 | 0.0 | 0.1 |
| Wolf Lake | 96 | 11 | 0.1 | 0.6 |
| Moose Lake | 97 | 35 | 0.3 | 2.1 |
| Pigeon Lake | 98 | 52 | 0.5 | 3.1 |
| Spray Lake Reservoir | 99 | 125 | 1.2 | 7.4 |
| Name unknown | 100 | 226 | 2.1 | 13.3 |
| Lessor Slave Lake | 101 | 10 | 0.1 | 0.6 |
| Sylvan Lake | 102 | 151 | 1.4 | 8.9 |
| Lake Minnewanka | 103 | 54 | 0.5 | 3.2 |
| Krypt Lake | 104 | 1 | 0.0 | 0.1 |
| Waterton Nt Park (chain Lake) | 105 | 2 | 0.0 | 0.1 |
| Park Lake | 106 | 20 | 0.2 | 1.2 |
| Lost Lake (Vauxhall area) | 107 | 4 | 0.0 | 0.2 |
| Big Knife Park (Battle River) | 108 | 15 | 0.1 | 0.9 |
| Pine Lake | 109 | 220 | 2.0 | 12.9 |
| Dickson dam | 110 | 68 | 0.6 | 4.0 |
| Crandell Lake, (Waterton) | 111 | 2 | 0.0 | 0.1 |
| Ridge park | 112 | 5 | 0.0 | 0.3 |
| North Buck Lake | 113 | 9 | 0.1 | 0.5 |
| Little Chestener Lake | 114 | 1 | 0.0 | 0.1 |
| Hidden Lake (Bragg Creek area) | 115 | 1 | 0.0 | 0.1 |
| Crawling Valley Reservoir | 116 | 161 | 1.5 | 9.5 |
| Mckinnon flats, (Bow River) | 117 | 21 | 0.2 | 1.2 |
| Elbow River | 118 | 71 | 0.7 | 4.2 |
| Buck Lake | 119 | 67 | 0.6 | 3.9 |
| Floating Stone Lake | 120 | 7 | 0.1 | 0.4 |
| Brazeau River | 121 | 5 | 0.0 | 0.3 |
| Gull Lake | 122 | 240 | 2.2 | 14.1 |
| Baptiste Lake | 124 | 2 | 0.0 | 0.1 |
| Jackson Lake | 127 | 2 | 0.0 | 0.1 |
| Beaver Lake | 128 | 23 | 0.2 | 1.4 |
| Battle Lake | 129 | 38 | 0.4 | 2.2 |
| Pigeon Creek | 130 | 1 | 0.0 | 0.1 |
| Cow Lake | 131 | 12 | 0.1 | 0.7 |
| Ram River | 132 | 28 | 0.3 | 1.6 |
| Black Nugget Minepit, (Camrose) | 133 | 13 | 0.1 | 0.8 |
| Carson Lake | 136 | 16 | 0.1 | 0.9 |
| Wabamum Lake | 137 | 4 | 0.0 | 0.2 |
| Fork Lake | 138 | 12 | 0.1 | 0.7 |
| James River | 139 | 18 | 0.2 | 1.1 |
| Hastings Lake | 140 | 5 | 0.0 | 0.3 |
| Stauffer Creek | 141 | 38 | 0.4 | 2.2 |
| Strubel Creek | 142 | 1 | 0.0 | 0.1 |
| Thunder Lake | 143 | 1 | 0.0 | 0.1 |
| Pinehurst Lake | 147 | 21 | 0.2 | 1.2 |
| Raven River | 149 | 58 | 0.5 | 3.4 |
| Birch Lake | 150 | 1 | 0.0 | 0.1 |
| Burnstick Lake | 151 | 44 | 0.4 | 2.6 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---------------------|------|-------|------------------|--------------|
| Phyllis Lake | 152 | 6 | 0.1 | 0.4 |
| Cold Lake | 154 | 10 | 0.1 | 0.6 |
| Forestburg Lake | 155 | 17 | 0.2 | 1.0 |
| Jackfish Lake | 156 | 5 | 0.0 | 0.3 |
| Pierce Lake | 157 | 2 | 0.0 | 0.1 |
| Lougheed Lake | 158 | 9 | 0.1 | 0.5 |
| Clearwater River | 159 | 51 | 0.5 | 3.0 |
| Smoke Lake | 161 | 1 | 0.0 | 0.1 |
| Rock Lake | 162 | 3 | 0.0 | 0.2 |
| Glenmore Reservoir | 163 | 86 | 0.8 | 5.1 |
| Little Bear Lake | 164 | 1 | 0.0 | 0.1 |
| Lac Ste Anne | 165 | 16 | 0.1 | 0.9 |
| Chester Lake | 166 | 8 | 0.1 | 0.5 |
| Jumping Pound Creek | 167 | 26 | 0.2 | 1.5 |
| Twin Lakes | 168 | 13 | 0.1 | 0.8 |
| Peppers Lake | 169 | 11 | 0.1 | 0.6 |
| Saskatchewan River | 170 | 10 | 0.1 | 0.6 |
| Banff Lake areas | 171 | 1 | 0.0 | 0.1 |
| Dickson pond | 172 | 26 | 0.2 | 1.5 |
| Sybil flats | 173 | 1 | 0.0 | 0.1 |
| Nakoka lodge | 174 | 1 | 0.0 | 0.1 |
| Siebert Lake | 175 | 10 | 0.1 | 0.6 |
| Six Lakes | 176 | 1 | 0.0 | 0.1 |
| Swan Lake | 177 | 27 | 0.2 | 1.6 |
| Medicine Lake | 178 | 22 | 0.2 | 1.3 |
| Devils Lake | 179 | 1 | 0.0 | 0.1 |
| Prairie Creek | 180 | 80 | 0.7 | 4.7 |
| Chambers Creek | 181 | 2 | 0.0 | 0.1 |
| Fortress Lake | 182 | 10 | 0.1 | 0.6 |
| Maligne Lake | 183 | 6 | 0.1 | 0.4 |
| Hinton | 184 | 1 | 0.0 | 0.1 |
| Chestermere Lake | 185 | 42 | 0.4 | 2.5 |
| Ghost Lake | 186 | 79 | 0.7 | 4.6 |
| Swawell | 187 | 7 | 0.1 | 0.4 |
| Touchwood Lake | 188 | 7 | 0.1 | 0.4 |
| Elenore Lake | 189 | 4 | 0.0 | 0.2 |
| Willison Creek | 190 | 1 | 0.0 | 0.1 |
| Patricia Lakes | 191 | 1 | 0.0 | 0.1 |
| Strubel Lake | 192 | 15 | 0.1 | 0.9 |
| Kerbes pond | 193 | 5 | 0.0 | 0.3 |
| Diplomat pond | 194 | 9 | 0.1 | 0.5 |
| Buffalo Lake | 195 | 70 | 0.6 | 4.1 |
| Fallen Timber Creek | 196 | 54 | 0.5 | 3.2 |
| Swan River | 197 | 3 | 0.0 | 0.2 |
| Dixon pond | 198 | 6 | 0.1 | 0.4 |
| Dormer Lake | 199 | 2 | 0.0 | 0.1 |
| Burnt Timber Creek | 202 | 23 | 0.2 | 1.4 |
| Sturgeon Lake | 203 | 4 | 0.0 | 0.2 |
| Ribbon Creek | 204 | 1 | 0.0 | 0.1 |
| Thirteen (13) mile | 205 | 4 | 0.0 | 0.2 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-------------------------------|------|-------|------------------|--------------|
| Fish Lake | 206 | 26 | 0.2 | 1.5 |
| Coal Lake | 207 | 20 | 0.2 | 1.2 |
| Lake Isle | 208 | 6 | 0.1 | 0.4 |
| Pierre Grey Lake | 211 | 1 | 0.0 | 0.1 |
| Smokey River | 212 | 3 | 0.0 | 0.2 |
| Sheep Creek | 213 | 1 | 0.0 | 0.1 |
| Cold Creek | 215 | 1 | 0.0 | 0.1 |
| Fickel Lake | 221 | 2 | 0.0 | 0.1 |
| Driedmeat Lake | 222 | 7 | 0.1 | 0.4 |
| Gap Lake | 223 | 23 | 0.2 | 1.4 |
| Brown Creek | 224 | 5 | 0.0 | 0.3 |
| Boon Lake | 225 | 1 | 0.0 | 0.1 |
| Taylor Lake | 226 | 4 | 0.0 | 0.2 |
| Obrien Lake | 227 | 1 | 0.0 | 0.1 |
| Watridge Lake | 230 | 5 | 0.0 | 0.3 |
| Bragg Creek | 231 | 2 | 0.0 | 0.1 |
| Ribbon Lake | 232 | 9 | 0.1 | 0.5 |
| Gregoire Lake | 233 | 2 | 0.0 | 0.1 |
| Todd Creek | 234 | 1 | 0.0 | 0.1 |
| Rolling Hills Reservoir | 235 | 10 | 0.1 | 0.6 |
| Seebe dam | 236 | 34 | 0.3 | 2.0 |
| Dutch Lake | 237 | 1 | 0.0 | 0.1 |
| Langdon Reservoir | 238 | 24 | 0.2 | 1.4 |
| Eagle Lake | 239 | 29 | 0.3 | 1.7 |
| Garner Lake | 240 | 6 | 0.1 | 0.4 |
| Michichi Reservoir | 241 | 38 | 0.4 | 2.2 |
| Horseshoe power plant | 242 | 12 | 0.1 | 0.7 |
| Beaver flat | 243 | 4 | 0.0 | 0.2 |
| Lake Missawawi | 244 | 1 | 0.0 | 0.1 |
| Coronation dam | 245 | 8 | 0.1 | 0.5 |
| Bassano dam | 246 | 22 | 0.2 | 1.3 |
| Elbow Falls | 247 | 2 | 0.0 | 0.1 |
| Mclean Creek pond | 248 | 7 | 0.1 | 0.4 |
| Grist Lake | 249 | 1 | 0.0 | 0.1 |
| Blood Indian Reservoir (Oyen) | 250 | 71 | 0.7 | 4.2 |
| Stirling trout pond | 251 | 9 | 0.1 | 0.5 |
| Rock Island Lake | 252 | 3 | 0.0 | 0.2 |
| Calling Lake | 253 | 3 | 0.0 | 0.2 |
| Fish Creek | 254 | 5 | 0.0 | 0.3 |
| Kananaskis River | 255 | 32 | 0.3 | 1.9 |
| Barrier Lake | 256 | 16 | 0.1 | 0.9 |
| Embrass River | 257 | 1 | 0.0 | 0.1 |
| Pembina River | 258 | 3 | 0.0 | 0.2 |
| Goat pond | 259 | 1 | 0.0 | 0.1 |
| Bearspaw dam | 260 | 21 | 0.2 | 1.2 |
| Carburn Park (Calgary) | 261 | 3 | 0.0 | 0.2 |
| Terrall Reservoir | 262 | 2 | 0.0 | 0.1 |
| Writing on Stone Park | 263 | 1 | 0.0 | 0.1 |
| Forty mile dam | 264 | 27 | 0.2 | 1.6 |
| Anderson dam | 265 | 2 | 0.0 | 0.1 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---------------------------|------|-------|------------------|--------------|
| Bear pond | 266 | 8 | 0.1 | 0.5 |
| Bridgeland Creek | 267 | 1 | 0.0 | 0.1 |
| Tay Lake | 268 | 6 | 0.1 | 0.4 |
| Three Point Creek | 269 | 3 | 0.0 | 0.2 |
| Nice Creek | 270 | 1 | 0.0 | 0.1 |
| Cripple Creek | 271 | 3 | 0.0 | 0.2 |
| Goodwin Lake | 272 | 1 | 0.0 | 0.1 |
| Castle Falls | 273 | 6 | 0.1 | 0.4 |
| Headwall Lake | 274 | 4 | 0.0 | 0.2 |
| Wall Lake | 275 | 1 | 0.0 | 0.1 |
| Mckenzie Lake | 276 | 2 | 0.0 | 0.1 |
| Lac des Arc | 277 | 4 | 0.0 | 0.2 |
| Ghost River | 278 | 23 | 0.2 | 1.4 |
| North Saskatchewan River | 279 | 14 | 0.1 | 0.8 |
| Sibbald flats | 280 | 31 | 0.3 | 1.8 |
| Allan bill pond | 281 | 6 | 0.1 | 0.4 |
| Elbow Lake | 282 | 25 | 0.2 | 1.5 |
| Mirror Reservoir | 283 | 7 | 0.1 | 0.4 |
| East Stony Creek | 284 | 1 | 0.0 | 0.1 |
| Wilson Creek | 285 | 3 | 0.0 | 0.2 |
| Sipperlies dam | 286 | 3 | 0.0 | 0.2 |
| Lower Stony Creek | 287 | 2 | 0.0 | 0.1 |
| Hilers dam | 288 | 4 | 0.0 | 0.2 |
| Dogpound Creek | 289 | 34 | 0.3 | 2.0 |
| Hector Lake | 290 | 1 | 0.0 | 0.1 |
| Mudd Lake (Kanaskis area) | 291 | 2 | 0.0 | 0.1 |
| Meadow Creek | 292 | 9 | 0.1 | 0.5 |
| Marvel Lake | 293 | 8 | 0.1 | 0.5 |
| Pilot pond | 294 | 6 | 0.1 | 0.4 |
| Hansen pond | 295 | 4 | 0.0 | 0.2 |
| Cypress Hills | 296 | 1 | 0.0 | 0.1 |
| Ford Creek | 297 | 1 | 0.0 | 0.1 |
| Yellow Lake | 298 | 12 | 0.1 | 0.7 |
| Rainy Lake | 299 | 2 | 0.0 | 0.1 |
| Windsor Lake | 300 | 8 | 0.1 | 0.5 |
| Upper Man Lake | 301 | 1 | 0.0 | 0.1 |
| Frenchmans Lake | 302 | 2 | 0.0 | 0.1 |
| Fairfax Lake | 304 | 5 | 0.0 | 0.3 |
| Rat Creek | 305 | 1 | 0.0 | 0.1 |
| Waterfowl Lake | 306 | 3 | 0.0 | 0.2 |
| Long Lake | 307 | 5 | 0.0 | 0.3 |
| Wardens Lake | 308 | 3 | 0.0 | 0.2 |
| Alford Creek | 309 | 8 | 0.1 | 0.5 |
| Two Jack Lake | 310 | 3 | 0.0 | 0.2 |
| Winnifred Lake | 311 | 5 | 0.0 | 0.3 |
| Glenifer Lake | 312 | 34 | 0.3 | 2.0 |
| Island Lake | 313 | 5 | 0.0 | 0.3 |
| Cross Lake | 314 | 2 | 0.0 | 0.1 |
| Lost Creek | 316 | 5 | 0.0 | 0.3 |
| Lac la Biche | 317 | 8 | 0.1 | 0.5 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---------------------------------|------|-------|------------------|--------------|
| Cameron Lake, (Waterton) | 318 | 3 | 0.0 | 0.2 |
| Rawson Lake | 319 | 4 | 0.0 | 0.2 |
| William Creek | 320 | 5 | 0.0 | 0.3 |
| Waiparous Creek | 321 | 18 | 0.2 | 1.1 |
| Johnson Creek | 322 | 4 | 0.0 | 0.2 |
| Lesueur Creek | 323 | 9 | 0.1 | 0.5 |
| Hidden Creek | 324 | 3 | 0.0 | 0.2 |
| Devils Head Creek | 325 | 4 | 0.0 | 0.2 |
| Tay River | 326 | 18 | 0.2 | 1.1 |
| Thunder Mountain Lake | 327 | 1 | 0.0 | 0.1 |
| Helmer dam | 328 | 15 | 0.1 | 0.9 |
| Burns Lake | 329 | 1 | 0.0 | 0.1 |
| Tacis Lake | 330 | 1 | 0.0 | 0.1 |
| Tombstone Lake | 331 | 4 | 0.0 | 0.2 |
| Kehiwin Lake | 332 | 6 | 0.1 | 0.4 |
| Minnie Lake | 333 | 3 | 0.0 | 0.2 |
| Grizzly Lake | 334 | 3 | 0.0 | 0.2 |
| Lees Creek | 335 | 6 | 0.1 | 0.4 |
| Klaudts dam | 336 | 4 | 0.0 | 0.2 |
| Golden Lake | 339 | 2 | 0.0 | 0.1 |
| MacLeod River | 341 | 2 | 0.0 | 0.1 |
| Amisk Lake | 342 | 1 | 0.0 | 0.1 |
| Shunda Creek | 343 | 26 | 0.2 | 1.5 |
| Abraham Lake | 344 | 3 | 0.0 | 0.2 |
| Sunken Lake | 345 | 4 | 0.0 | 0.2 |
| Enchant pond | 346 | 4 | 0.0 | 0.2 |
| Egypt Lake | 347 | 1 | 0.0 | 0.1 |
| Bourgeau Lake | 348 | 4 | 0.0 | 0.2 |
| Wedge pond | 349 | 1 | 0.0 | 0.1 |
| Bill allen pond | 350 | 1 | 0.0 | 0.1 |
| Snaring River (Jasper Ntl Park) | 355 | 2 | 0.0 | 0.1 |
| Fawcett Lake | 356 | 12 | 0.1 | 0.7 |
| Athabasca River | 357 | 5 | 0.0 | 0.3 |
| Two Lakes | 358 | 1 | 0.0 | 0.1 |
| Muriel Lake | 360 | 4 | 0.0 | 0.2 |
| Beartrap Lake | 361 | 1 | 0.0 | 0.1 |
| Hilda Lake | 362 | 3 | 0.0 | 0.2 |
| Mcvinnie pond | 363 | 18 | 0.2 | 1.1 |
| Clear Creek | 364 | 1 | 0.0 | 0.1 |
| Dam H (Vauxhall) | 365 | 6 | 0.1 | 0.4 |
| Tucker Lake | 366 | 1 | 0.0 | 0.1 |
| Midway Reservoir | 367 | 2 | 0.0 | 0.1 |
| Landslide Lake | 368 | 2 | 0.0 | 0.1 |
| Bear Lake | 369 | 8 | 0.1 | 0.5 |
| Big Iron Lake | 370 | 10 | 0.1 | 0.6 |
| Lost Guide Lake | 371 | 3 | 0.0 | 0.2 |
| Grass Lake | 372 | 1 | 0.0 | 0.1 |
| Pearce Estate Park (Calgary) | 373 | 1 | 0.0 | 0.1 |
| Georges pond | 374 | 1 | 0.0 | 0.1 |
| Goat Lake | 375 | 1 | 0.0 | 0.1 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-----------------------------------|------|-------|------------------|--------------|
| Loretts pond | 376 | 1 | 0.0 | 0.1 |
| Keeney pond | 377 | 5 | 0.0 | 0.3 |
| Kramers pond | 378 | 1 | 0.0 | 0.1 |
| Klein Lake | 379 | 1 | 0.0 | 0.1 |
| Margaret Lake | 380 | 4 | 0.0 | 0.2 |
| Sauder Reservoir | 381 | 2 | 0.0 | 0.1 |
| Grassy Lake | 382 | 29 | 0.3 | 1.7 |
| Chickenhill Lake | 383 | 2 | 0.0 | 0.1 |
| Carnovon Lake | 384 | 9 | 0.1 | 0.5 |
| Winchell Lake | 385 | 2 | 0.0 | 0.1 |
| Schroeder Creek | 386 | 5 | 0.0 | 0.3 |
| Pincher Creek | 387 | 2 | 0.0 | 0.1 |
| Dewits pond | 388 | 1 | 0.0 | 0.1 |
| Three Isle Lake | 389 | 5 | 0.0 | 0.3 |
| Yarrow Creek | 390 | 4 | 0.0 | 0.2 |
| East Scarpe Lake | 391 | 3 | 0.0 | 0.2 |
| Lys Lake | 392 | 2 | 0.0 | 0.1 |
| Foremost dam | 393 | 3 | 0.0 | 0.2 |
| Green Lake | 394 | 1 | 0.0 | 0.1 |
| Rae Lake | 395 | 1 | 0.0 | 0.1 |
| Lilian Lake | 396 | 6 | 0.1 | 0.4 |
| Snipe Lake | 397 | 3 | 0.0 | 0.2 |
| Sperser Lake | 398 | 2 | 0.0 | 0.1 |
| Lonesome Lake | 399 | 1 | 0.0 | 0.1 |
| Michell Creek | 400 | 1 | 0.0 | 0.1 |
| Alexander Creek | 401 | 1 | 0.0 | 0.1 |
| Elk River | 402 | 4 | 0.0 | 0.2 |
| Blindman River | 403 | 20 | 0.2 | 1.2 |
| Storm Lake | 404 | 2 | 0.0 | 0.1 |
| Bighorn River | 405 | 2 | 0.0 | 0.1 |
| Utikuma Lake | 406 | 3 | 0.0 | 0.2 |
| Fincastle Lake | 407 | 3 | 0.0 | 0.2 |
| Pickle Jar Lake (Kananaskis area) | 408 | 7 | 0.1 | 0.4 |
| Panther River | 409 | 2 | 0.0 | 0.1 |
| Rainy Ridge Lake | 410 | 3 | 0.0 | 0.2 |
| Picture Butte Reservoir | 411 | 4 | 0.0 | 0.2 |
| Elford Creek | 412 | 1 | 0.0 | 0.1 |
| Grotto pond | 413 | 7 | 0.1 | 0.4 |
| Pipestone River | 414 | 1 | 0.0 | 0.1 |
| Herbert Lake | 415 | 1 | 0.0 | 0.1 |
| Many Lakes | 416 | 1 | 0.0 | 0.1 |
| Horsefly Lake | 417 | 3 | 0.0 | 0.2 |
| Daisy Creek | 418 | 2 | 0.0 | 0.1 |
| Allison Creek | 419 | 1 | 0.0 | 0.1 |
| Scope dam | 420 | 13 | 0.1 | 0.8 |
| Cameron Creek | 421 | 3 | 0.0 | 0.2 |
| Lee Creek | 422 | 7 | 0.1 | 0.4 |
| Johnson Lake | 423 | 4 | 0.0 | 0.2 |
| Flathead Creek | 424 | 2 | 0.0 | 0.1 |
| Seven persons Creek | 425 | 2 | 0.0 | 0.1 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---------------------------|------|-------|------------------|--------------|
| Botteral Creek | 426 | 2 | 0.0 | 0.1 |
| Owl Lake | 427 | 2 | 0.0 | 0.1 |
| Gloria Lake | 428 | 1 | 0.0 | 0.1 |
| Flat Creek | 429 | 1 | 0.0 | 0.1 |
| Pekisko Creek | 430 | 1 | 0.0 | 0.1 |
| Squaw Creek | 431 | 1 | 0.0 | 0.1 |
| Ministikwan Lake | 432 | 2 | 0.0 | 0.1 |
| Cow Creek | 433 | 8 | 0.1 | 0.5 |
| Katherine Lake | 434 | 1 | 0.0 | 0.1 |
| Fall Creek | 435 | 1 | 0.0 | 0.1 |
| Lick Creek | 436 | 1 | 0.0 | 0.1 |
| Battle River | 437 | 24 | 0.2 | 1.4 |
| Muskeg River | 438 | 1 | 0.0 | 0.1 |
| Grand Cache Lake | 439 | 1 | 0.0 | 0.1 |
| Baptiste River | 440 | 2 | 0.0 | 0.1 |
| Mud Creek | 441 | 3 | 0.0 | 0.2 |
| Skunk Creek | 442 | 2 | 0.0 | 0.1 |
| Calolside dam | 443 | 2 | 0.0 | 0.1 |
| Goldeye Lake | 444 | 18 | 0.2 | 1.1 |
| Cricket Lake | 445 | 1 | 0.0 | 0.1 |
| Duck Lake | 446 | 1 | 0.0 | 0.1 |
| Spring Creek | 447 | 1 | 0.0 | 0.1 |
| Kenney Coulee | 448 | 4 | 0.0 | 0.2 |
| Lac la Nonne | 449 | 4 | 0.0 | 0.2 |
| Bow Island town pond | 450 | 4 | 0.0 | 0.2 |
| Gooseberry dam, (Lake) | 451 | 5 | 0.0 | 0.3 |
| Dalmead Reservoir | 452 | 1 | 0.0 | 0.1 |
| Fisher Creek | 453 | 6 | 0.1 | 0.4 |
| Emerald Lake | 454 | 2 | 0.0 | 0.1 |
| Factory Lake | 455 | 3 | 0.0 | 0.2 |
| Lake Zeta | 456 | 2 | 0.0 | 0.1 |
| Powder Lake | 457 | 1 | 0.0 | 0.1 |
| Marie Lake | 458 | 2 | 0.0 | 0.1 |
| Ironwood Lake | 459 | 6 | 0.1 | 0.4 |
| Vetch Creek | 460 | 2 | 0.0 | 0.1 |
| Swan Creek | 461 | 5 | 0.0 | 0.3 |
| Ponoka Chain Lakes | 462 | 4 | 0.0 | 0.2 |
| Camp Creek | 463 | 1 | 0.0 | 0.1 |
| Ethel Lake | 464 | 1 | 0.0 | 0.1 |
| Peace River | 465 | 1 | 0.0 | 0.1 |
| Stoney Creek | 466 | 2 | 0.0 | 0.1 |
| Limestone Creek | 467 | 1 | 0.0 | 0.1 |
| Clarks Reservoir | 468 | 2 | 0.0 | 0.1 |
| Mcfinney pond | 469 | 2 | 0.0 | 0.1 |
| Sundance Lake (Calgary) | 470 | 17 | 0.2 | 1.0 |
| Dodds coal mine | 471 | 2 | 0.0 | 0.1 |
| Sugar factory Lake, Taber | 472 | 3 | 0.0 | 0.2 |
| Glacier River | 473 | 1 | 0.0 | 0.1 |
| Elk Creek | 474 | 6 | 0.1 | 0.4 |
| Rat Lake | 475 | 1 | 0.0 | 0.1 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-------------------------|------|-------|------------------|--------------|
| Mclaren Lake | 476 | 4 | 0.0 | 0.2 |
| Mann Lake | 477 | 7 | 0.1 | 0.4 |
| Huber dam, (Coronation) | 478 | 5 | 0.0 | 0.3 |
| Capt ere Lake | 479 | 1 | 0.0 | 0.1 |
| Meeting Creek | 480 | 1 | 0.0 | 0.1 |
| Hay River | 481 | 2 | 0.0 | 0.1 |
| Little Bow River | 482 | 16 | 0.1 | 0.9 |
| Trap Creek | 483 | 1 | 0.0 | 0.1 |
| Berland Creek | 484 | 1 | 0.0 | 0.1 |
| Sundance Creek | 485 | 1 | 0.0 | 0.1 |
| Alix Creek | 486 | 2 | 0.0 | 0.1 |
| Primrose Lake | 487 | 3 | 0.0 | 0.2 |
| Lawrence Creek | 488 | 1 | 0.0 | 0.1 |
| Laurier Lake | 489 | 2 | 0.0 | 0.1 |
| Ravine Creek | 490 | 3 | 0.0 | 0.2 |
| Blackstone Creek | 491 | 6 | 0.1 | 0.4 |
| Whitefish Lake | 492 | 1 | 0.0 | 0.1 |
| Bower Lake | 493 | 4 | 0.0 | 0.2 |
| Lake Haze | 494 | 1 | 0.0 | 0.1 |
| Bouquene Lake | 495 | 1 | 0.0 | 0.1 |
| Bourque Lake | 496 | 1 | 0.0 | 0.1 |
| Long Island Lake | 497 | 1 | 0.0 | 0.1 |
| Missawawi Lake | 498 | 4 | 0.0 | 0.2 |
| Battle Creek | 499 | 3 | 0.0 | 0.2 |
| Open Creek dam | 500 | 2 | 0.0 | 0.1 |
| Libby dam | 501 | 2 | 0.0 | 0.1 |
| Moore Lake | 502 | 2 | 0.0 | 0.1 |
| Bow City Lake | 503 | 12 | 0.1 | 0.7 |
| Frog Lake | 504 | 1 | 0.0 | 0.1 |
| Offram Lake | 505 | 1 | 0.0 | 0.1 |
| Lac Sante | 506 | 7 | 0.1 | 0.4 |
| Hanmore Lake | 507 | 1 | 0.0 | 0.1 |
| Blackett Lake | 508 | 3 | 0.0 | 0.2 |
| Venice Lake | 509 | 1 | 0.0 | 0.1 |
| Lougheed trout pond | 510 | 5 | 0.0 | 0.3 |
| Hardistry River | 511 | 1 | 0.0 | 0.1 |
| Forestburg trout pond | 512 | 2 | 0.0 | 0.1 |
| Miquelon Lake | 513 | 1 | 0.0 | 0.1 |
| Hardistry Lake | 514 | 1 | 0.0 | 0.1 |
| Kingman Lake | 515 | 1 | 0.0 | 0.1 |
| Lac Delorme | 516 | 8 | 0.1 | 0.5 |
| Stettler pond | 517 | 3 | 0.0 | 0.2 |
| Sparrows Egg Lake | 518 | 4 | 0.0 | 0.2 |
| Maude Lake | 519 | 4 | 0.0 | 0.2 |
| Christina Lake | 520 | 2 | 0.0 | 0.1 |
| Carrington River | 521 | 1 | 0.0 | 0.1 |
| Gods Lake | 522 | 3 | 0.0 | 0.2 |
| Trout Creek | 523 | 5 | 0.0 | 0.3 |
| Rockbound Lake | 524 | 2 | 0.0 | 0.1 |
| Harlech pond | 525 | 1 | 0.0 | 0.1 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|----------------------------|------|-------|------------------|--------------|
| Copper Lake | 526 | 1 | 0.0 | 0.1 |
| Loomis Lake | 527 | 1 | 0.0 | 0.1 |
| Surveyors Lake | 528 | 1 | 0.0 | 0.1 |
| Burbank River | 529 | 4 | 0.0 | 0.2 |
| Smith Lake | 530 | 1 | 0.0 | 0.1 |
| Galatea Lakes | 531 | 2 | 0.0 | 0.1 |
| Charron Lake | 532 | 1 | 0.0 | 0.1 |
| Bow provincial park | 533 | 2 | 0.0 | 0.1 |
| Harold Creek | 534 | 3 | 0.0 | 0.2 |
| Bracconer Reservoir | 535 | 1 | 0.0 | 0.1 |
| Bearberry Creek | 536 | 1 | 0.0 | 0.1 |
| Moab Lake | 537 | 2 | 0.0 | 0.1 |
| Maligne River | 538 | 1 | 0.0 | 0.1 |
| Ripple Lake | 539 | 4 | 0.0 | 0.2 |
| Edward Lake | 540 | 1 | 0.0 | 0.1 |
| Victory Creek | 541 | 1 | 0.0 | 0.1 |
| Wabasco Lake | 542 | 3 | 0.0 | 0.2 |
| Orloff Lake | 543 | 1 | 0.0 | 0.1 |
| Wizzard Lake | 544 | 3 | 0.0 | 0.2 |
| Medicine River | 545 | 2 | 0.0 | 0.1 |
| Mill Creek | 546 | 1 | 0.0 | 0.1 |
| Little Bow Provincial Park | 547 | 4 | 0.0 | 0.2 |
| Wapiabi River | 548 | 1 | 0.0 | 0.1 |
| Marsh Lake | 549 | 1 | 0.0 | 0.1 |
| Fox Creek | 550 | 2 | 0.0 | 0.1 |
| James Lake | 551 | 1 | 0.0 | 0.1 |
| Romeo Lake | 552 | 9 | 0.1 | 0.5 |
| Canyon Creek | 553 | 4 | 0.0 | 0.2 |
| Fitzsimmons Creek | 554 | 1 | 0.0 | 0.1 |
| Langdon River | 555 | 1 | 0.0 | 0.1 |
| Crypt Lake (Waterton) | 556 | 3 | 0.0 | 0.2 |
| Isabelle Lake | 557 | 1 | 0.0 | 0.1 |
| Mosquito Lake | 558 | 1 | 0.0 | 0.1 |
| Peagan Lake | 559 | 2 | 0.0 | 0.1 |
| Gorge Creek | 560 | 1 | 0.0 | 0.1 |
| Crimson Lake | 561 | 3 | 0.0 | 0.2 |
| Brewster Creek | 562 | 4 | 0.0 | 0.2 |
| Heart Lake | 563 | 2 | 0.0 | 0.1 |
| Nimelas dam | 564 | 1 | 0.0 | 0.1 |
| Shannon Lake | 565 | 1 | 0.0 | 0.1 |
| George Creek | 566 | 2 | 0.0 | 0.1 |
| Coal Creek | 567 | 1 | 0.0 | 0.1 |
| Smith Creek | 568 | 2 | 0.0 | 0.1 |
| Rummel Lake | 569 | 2 | 0.0 | 0.1 |
| Cutoff Creek | 570 | 3 | 0.0 | 0.2 |
| Wardlow River | 571 | 1 | 0.0 | 0.1 |
| Bertha Lake (Waterton) | 572 | 3 | 0.0 | 0.2 |
| Gardner Creek | 573 | 1 | 0.0 | 0.1 |
| Cat Creek | 574 | 1 | 0.0 | 0.1 |
| Lessard Lake | 575 | 1 | 0.0 | 0.1 |

Question 8B Site of fishing trips (continued)

| SITE NAME | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|----------------------------------|------------------|-------|------------------|--------------|
| Jensen dam | 576 | 2 | 0.0 | 0.1 |
| Private dam/pond/dugout | 577 | 10 | 0.1 | 0.6 |
| Dilberry provincial park | 578 | 1 | 0.0 | 0.1 |
| Milo Reservoir | 579 | 1 | 0.0 | 0.1 |
| Paddy flats | 580 | 1 | 0.0 | 0.1 |
| Skeleton Lake | 581 | 1 | 0.0 | 0.1 |
| Barre Lake | 582 | 1 | 0.0 | 0.1 |
| Lake of Horns | 583 | 1 | 0.0 | 0.1 |
| Clampitt Lake | 584 | 1 | 0.0 | 0.1 |
| Magee Lake | 585 | 1 | 0.0 | 0.1 |
| Spring Point beaver pond | 586 | 1 | 0.0 | 0.1 |
| Policemans flats Bow River | 587 | 1 | 0.0 | 0.1 |
| Red Lodge park | 589 | 2 | 0.0 | 0.1 |
| Iosagin Lake | 590 | 1 | 0.0 | 0.1 |
| Onion Creek | 591 | 1 | 0.0 | 0.1 |
| Lake Kokanosa | 592 | 1 | 0.0 | 0.1 |
| Kickamen Lake | 593 | 1 | 0.0 | 0.1 |
| Emerson Lake | 594 | 2 | 0.0 | 0.1 |
| Chungo River | 595 | 1 | 0.0 | 0.1 |
| Hover dam | 596 | 1 | 0.0 | 0.1 |
| Bow Lake | 597 | 4 | 0.0 | 0.2 |
| Wilson beach | 598 | 8 | 0.1 | 0.5 |
| Crossfield Reservoir | 599 | 5 | 0.0 | 0.3 |
| Heart River dam | 600 | 1 | 0.0 | 0.1 |
| Mable Lake | 601 | 1 | 0.0 | 0.1 |
| Adams Lake | 602 | 1 | 0.0 | 0.1 |
| Borlun River | 603 | 1 | 0.0 | 0.1 |
| Cline River | 604 | 1 | 0.0 | 0.1 |
| Rockyford Reservoir | 605 | 1 | 0.0 | 0.1 |
| Round Lake | 606 | 2 | 0.0 | 0.1 |
| Mosquito Creek | 607 | 1 | 0.0 | 0.1 |
| Spray River | 608 | 2 | 0.0 | 0.1 |
| Raven Creek | 609 | 2 | 0.0 | 0.1 |
| Angling Lake | 610 | 3 | 0.0 | 0.2 |
| Garnier Lake | 611 | 2 | 0.0 | 0.1 |
| Medicine Hat College pond | 612 | 3 | 0.0 | 0.2 |
| University Reservoir, Lethbridge | 613 | 1 | 0.0 | 0.1 |
| Beaver Creek | 635 | 1 | 0.0 | 0.1 |
| Allstones Lake | 647 | 1 | 0.0 | 0.1 |
| Arts pond | 649 | 1 | 0.0 | 0.1 |
| | | ----- | ----- | ----- |
| 415 MISSING CASES | TOTAL RESPONSES | 10803 | 100.0 | 635.5 |
| | 1700 VALID CASES | | | |

Question 8C Distance from home to site

| DISTANCE IN MILES | COUNT | PCT OF RESPONSES | PCT OF CASES |
|----------------------|-------|---------------------|------------------|
| 0-9 | 1291 | 12.5 | 78.1 |
| 10-19 | 1015 | 9.8 | 61.4 |
| 20-29 | 818 | 7.9 | 49.5 |
| 30-39 | 732 | 4.2 | 44.3 |
| 40-49 | 848 | 8.2 | 51.3 |
| 50-59 | 620 | 6.0 | 37.5 |
| 60-69 | 772 | 7.5 | 46.7 |
| 70-79 | 623 | 6.0 | 37.7 |
| 80-89 | 492 | 4.8 | 29.8 |
| 90-99 | 460 | 4.4 | 27.8 |
| 100-109 | 699 | 6.8 | 42.3 |
| 110-119 | 163 | 1.6 | 9.9 |
| 120-129 | 374 | 3.6 | 22.6 |
| 130-139 | 114 | 1.1 | 6.9 |
| 140-149 | 115 | 1.1 | 7.0 |
| 150-159 | 292 | 2.8 | 17.7 |
| 160-169 | 85 | 0.8 | 5.1 |
| 170-179 | 59 | 0.6 | 3.6 |
| 180-189 | 129 | 1.2 | 7.8 |
| 190-199 | 28 | 0.3 | 1.7 |
| 200-249 | 260 | 2.5 | 15.7 |
| 250-299 | 90 | 0.9 | 5.4 |
| 300-349 | 98 | 0.9 | 5.9 |
| 350-399 | 41 | 0.4 | 2.5 |
| 400-449 | 37 | 0.4 | 2.2 |
| 450-499 | 16 | 0.2 | 1.0 |
| 500-549 | 13 | 0.1 | 0.8 |
| 550-599 | 5 | 0.0 | 0.3 |
| 600-649 | 20 | 0.2 | 1.2 |
| 650 | 1 | 0.0 | 0.1 |
| 700 | 8 | 0.1 | 0.5 |
| 750 | 1 | 0.0 | 0.1 |
| 780 | 1 | 0.0 | 0.1 |
| 800 | 15 | 0.1 | 0.9 |
| 900 | 3 | 0.0 | 0.2 |
| 999 | 20 | 0.2 | 1.2 |
| ----- | | | |
| TOTAL RESPONSES | 10348 | 100.0 | 626.0 |
| 462 MISSING CASES | | | 1653 VALID CASES |

Question 8D Size of party

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-------------------|------------------|-------|------------------|--------------|
| | 1 | 1405 | 13.5 | 85.7 |
| | 2 | 4727 | 45.4 | 288.4 |
| | 3 | 1817 | 17.4 | 110.9 |
| | 4 | 1530 | 14.7 | 93.3 |
| | 5 | 363 | 3.5 | 22.1 |
| | 6 | 283 | 2.7 | 17.3 |
| | 7 | 69 | 0.7 | 4.2 |
| | 8 | 103 | 1.0 | 6.3 |
| | 9 | 29 | 0.3 | 1.8 |
| | 10 | 43 | 0.4 | 2.6 |
| | 11 | 8 | 0.1 | 0.5 |
| | 12 | 14 | 0.1 | 0.9 |
| | 13 | 2 | 0.0 | 0.1 |
| | 14 | 6 | 0.1 | 0.4 |
| | 15 | 8 | 0.1 | 0.5 |
| | 16 | 5 | 0.0 | 0.3 |
| | 18 | 1 | 0.0 | 0.1 |
| | 19 | 1 | 0.0 | 0.1 |
| | 20 | 3 | 0.0 | 0.2 |
| | 25 | 1 | 0.0 | 0.1 |
| | 30 | 2 | 0.0 | 0.1 |
| | 40 | 1 | 0.0 | 0.1 |
| | 50 | 1 | 0.0 | 0.1 |
| | 70 | 1 | 0.0 | 0.1 |
| | | ----- | ----- | ----- |
| | TOTAL RESPONSES | 10423 | 100.0 | 635.9 |
| 476 MISSING CASES | 1639 VALID CASES | | | |

Question 8E Fish species sought

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|--|------|------------------|------------------|--------------|
| walleye | 1 | 992 | 7.6 | 59.6 |
| rainbow trout | 2 | 909 | 7.0 | 54.6 |
| brown trout | 3 | 472 | 3.6 | 28.4 |
| brook trout | 4 | 181 | 1.4 | 10.9 |
| cutthroat trout | 5 | 217 | 1.7 | 13.0 |
| trout (unspecified elsewhere) | 6 | 4782 | 36.9 | 287.4 |
| northern pike | 7 | 3177 | 24.5 | 190.9 |
| whitefish | 8 | 967 | 7.5 | 58.1 |
| perch | 9 | 541 | 4.2 | 32.5 |
| goldeye | 10 | 131 | 1.0 | 7.9 |
| arctic grayling | 11 | 57 | 0.4 | 3.4 |
| lake trout | 12 | 144 | 1.1 | 8.7 |
| salmon | 13 | 41 | 0.3 | 2.5 |
| other, (ling, sauger, suckers, kokanee, bass, burbot) | 14 | 135 | 1.0 | 8.1 |
| anything can catch | 15 | 107 | 0.8 | 6.4 |
| pickeral | 16 | 83 | 0.6 | 5.0 |
| sturgeon | 17 | 39 | 0.3 | 2.3 |
| | | ----- | ----- | ----- |
| | | TOTAL RESPONSES | 12975 | 100.0 |
| 451 MISSING CASES | | 1664 VALID CASES | | 779.7 |

Question 8F Number of fish caught

| CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-------------------|-------|---------------------|-----------------|
| 1 | 998 | 13.1 | 65.6 |
| 2 | 1295 | 17.0 | 85.1 |
| 3 | 927 | 12.2 | 60.9 |
| 4 | 819 | 10.8 | 53.8 |
| 5 | 650 | 8.5 | 42.7 |
| 6 | 503 | 6.6 | 33.1 |
| 7 | 209 | 2.7 | 13.7 |
| 8 | 296 | 3.9 | 19.5 |
| 9 | 114 | 1.5 | 7.5 |
| 10 | 458 | 6.0 | 30.1 |
| 11 | 44 | 0.6 | 2.9 |
| 12 | 171 | 2.2 | 11.2 |
| 13 | 44 | 0.6 | 2.9 |
| 14 | 36 | 0.5 | 2.4 |
| 15 | 200 | 2.6 | 13.1 |
| 16 | 34 | 0.4 | 2.2 |
| 17 | 16 | 0.2 | 1.1 |
| 18 | 42 | 0.6 | 2.8 |
| 19 | 16 | 0.2 | 1.1 |
| 20 | 179 | 2.4 | 11.8 |
| 21 | 13 | 0.2 | 0.9 |
| 22 | 14 | 0.2 | 0.9 |
| 23 | 13 | 0.2 | 0.9 |
| 24 | 11 | 0.1 | 0.7 |
| 25 | 67 | 0.9 | 4.4 |
| 26 | 7 | 0.1 | 0.5 |
| 27 | 7 | 0.1 | 0.5 |
| 28 | 7 | 0.1 | 0.5 |
| 29 | 2 | 0.0 | 0.1 |
| 30-39 | 163 | 2.1 | 10.7 |
| 40-49 | 82 | 1.1 | 5.4 |
| 50-59 | 49 | 0.6 | 3.2 |
| 60-69 | 38 | 0.5 | 2.5 |
| 70-79 | 17 | 0.2 | 1.1 |
| 80-89 | 11 | 0.1 | 0.7 |
| 90-99 | 5 | 0.1 | 0.3 |
| 100-149 | 31 | 0.4 | 2.0 |
| 150-199 | 10 | 0.1 | 0.7 |
| 200-249 | 11 | 0.1 | 0.7 |
| 250-299 | 2 | 0.0 | 0.1 |
| 300 | 2 | 0.0 | 0.1 |
| 354 | 1 | 0.0 | 0.1 |
| 400 | 1 | 0.0 | 0.1 |
| 450 | 1 | 0.0 | 0.1 |
| ----- | | | |
| TOTAL RESPONSES | 7616 | 100.0 | 500.7 |
| 594 MISSING CASES | | 1521 VALID CASES | |

Question 8G Number of fish released

| CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-------------------|-------|---------------------|-----------------|
| 1 | 702 | 15.0 | 60.4 |
| 2 | 917 | 19.6 | 78.8 |
| 3 | 526 | 11.2 | 45.2 |
| 4 | 431 | 9.2 | 37.1 |
| 5 | 425 | 9.1 | 36.5 |
| 6 | 300 | 6.4 | 25.8 |
| 7 | 104 | 2.2 | 8.9 |
| 8 | 139 | 3.0 | 12.0 |
| 9 | 49 | 1.0 | 4.2 |
| 10 | 309 | 6.6 | 26.6 |
| 11 | 28 | 0.6 | 2.4 |
| 12 | 68 | 1.5 | 5.8 |
| 13 | 31 | 0.7 | 2.7 |
| 14 | 19 | 0.4 | 1.6 |
| 15 | 113 | 2.4 | 9.7 |
| 16 | 17 | 0.4 | 1.5 |
| 17 | 10 | 0.2 | 0.9 |
| 18 | 18 | 0.4 | 1.5 |
| 19 | 11 | 0.2 | 0.9 |
| 20 | 128 | 2.7 | 11.0 |
| 21 | 10 | 0.2 | 0.9 |
| 22 | 4 | 0.1 | 0.3 |
| 23 | 4 | 0.1 | 0.3 |
| 24 | 5 | 0.1 | 0.4 |
| 25 | 36 | 0.8 | 3.1 |
| 26 | 5 | 0.1 | 0.4 |
| 27 | 5 | 0.1 | 0.4 |
| 28 | 8 | 0.2 | 0.7 |
| 29 | 3 | 0.1 | 0.3 |
| 30-39 | 94 | 2.0 | 8.1 |
| 40-49 | 46 | 1.0 | 4.0 |
| 50-59 | 36 | 0.8 | 3.1 |
| 60-69 | 13 | 0.3 | 1.1 |
| 70-79 | 13 | 0.3 | 1.1 |
| 80-89 | 11 | 0.2 | 0.9 |
| 90-99 | 7 | 0.1 | 0.6 |
| 100-149 | 18 | 0.4 | 1.5 |
| 150-199 | 7 | 0.1 | 0.6 |
| 200-299 | 5 | 0.1 | 0.4 |
| 250-299 | 3 | 0.1 | 0.3 |
| 375 | 1 | 0.0 | 0.1 |
| 400 | 1 | 0.0 | 0.1 |
| ----- | | ----- | ----- |
| TOTAL RESPONSES | 4680 | 100.0 | 402.4 |
| 952 MISSING CASES | | 1163 | VALID CASES |

Question 8H Type of waterbody

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|----------------------|------------------|-------|------------------|--------------|
| river | 1 | 3235 | 30.1 | 190.6 |
| lake | 2 | 5168 | 48.2 | 304.5 |
| stream, creek, brook | 3 | 990 | 9.2 | 58.3 |
| pond, mine pit | 4 | 285 | 2.7 | 16.8 |
| reservoir | 5 | 1026 | 9.6 | 60.5 |
| ocean | 6 | 26 | 0.2 | 1.5 |
| | | ----- | ----- | ----- |
| | TOTAL RESPONSES | 10730 | 100.0 | 632.3 |
| 418 MISSING CASES | 1697 VALID CASES | | | |

Question 8I length of fishing trip¹

| CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|--------------------|-----------------|------------------|--------------|
| 1 | 1194 | 42.5 | 140.3 |
| 2 | 1026 | 36.5 | 120.6 |
| 3 | 311 | 11.1 | 36.5 |
| 4 | 81 | 2.9 | 9.5 |
| 5 | 46 | 1.6 | 5.4 |
| 6 | 42 | 1.5 | 4.9 |
| 7 | 22 | 0.8 | 2.6 |
| 8 | 21 | 0.7 | 2.5 |
| 9 | 14 | 0.5 | 1.6 |
| 10 | 14 | 0.5 | 1.6 |
| 11 | 6 | 0.2 | 0.7 |
| 12 | 6 | 0.2 | 0.7 |
| 13 | 7 | 0.2 | 0.8 |
| 14 | 5 | 0.2 | 0.6 |
| 15 | 3 | 0.1 | 0.4 |
| 16 | 4 | 0.1 | 0.5 |
| 17 | 1 | 0.0 | 0.1 |
| 22 | 1 | 0.0 | 0.1 |
| 23 | 1 | 0.0 | 0.1 |
| 26 | 1 | 0.0 | 0.1 |
| 29 | 1 | 0.0 | 0.1 |
| 30 | 1 | 0.0 | 0.1 |
| 34 | 1 | 0.0 | 0.1 |
| 36 | 2 | 0.1 | 0.2 |
| | ----- | ----- | ----- |
| TOTAL RESPONSES | 2811 | 100.0 | 330.3 |
| 1264 MISSING CASES | 851 VALID CASES | | |

¹Computed by subtracting the end date from the start date on the trip calendar.

Question 10 What is your place of residence (nearest city or town)?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 1 | 1 | 0 | 0 | 87 | 8 | 0 | 55 | 205 | 9 | 0 | 81 |
| 2 | 24 | 1 | 1 | 88 | 1 | 0 | 55 | 206 | 17 | 1 | 81 |
| 4 | 2 | 0 | 1 | 90 | 2 | 0 | 56 | 207 | 116 | 6 | 87 |
| 5 | 1 | 0 | 1 | 94 | 4 | 0 | 56 | 208 | 14 | 1 | 88 |
| 11 | 1 | 0 | 1 | 95 | 1 | 0 | 56 | 210 | 1 | 0 | 88 |
| 13 | 3 | 0 | 2 | 101 | 3 | 0 | 56 | 213 | 3 | 0 | 88 |
| 14 | 6 | 0 | 2 | 102 | 6 | 0 | 56 | 217 | 1 | 0 | 88 |
| 15 | 3 | 0 | 2 | 104 | 10 | 0 | 57 | 221 | 5 | 0 | 88 |
| 18 | 1 | 0 | 2 | 108 | 1 | 0 | 57 | 231 | 2 | 0 | 88 |
| 19 | 3 | 0 | 2 | 109 | 3 | 0 | 57 | 232 | 4 | 0 | 88 |
| 20 | 8 | 0 | 3 | 121 | 3 | 0 | 57 | 233 | 15 | 1 | 89 |
| 23 | 2 | 0 | 3 | 122 | 2 | 0 | 57 | 234 | 5 | 0 | 89 |
| 26 | 3 | 0 | 3 | 124 | 1 | 0 | 57 | 237 | 7 | 0 | 90 |
| 27 | 7 | 0 | 3 | 127 | 11 | 1 | 58 | 238 | 5 | 0 | 90 |
| 29 | 9 | 0 | 4 | 130 | 2 | 0 | 58 | 240 | 16 | 1 | 91 |
| 33 | 2 | 0 | 4 | 133 | 15 | 1 | 59 | 243 | 25 | 1 | 92 |
| 34 | 8 | 0 | 4 | 134 | 3 | 0 | 59 | 244 | 33 | 2 | 94 |
| 35 | 8 | 0 | 4 | 139 | 1 | 0 | 59 | 247 | 4 | 0 | 94 |
| 38 | 35 | 2 | 6 | 141 | 22 | 1 | 60 | 248 | 1 | 0 | 94 |
| 41 | 827 | 40 | 46 | 144 | 4 | 0 | 60 | 250 | 1 | 0 | 94 |
| 43 | 35 | 2 | 48 | 145 | 3 | 0 | 60 | 251 | 6 | 0 | 94 |
| 44 | 8 | 0 | 48 | 149 | 4 | 0 | 60 | 252 | 4 | 0 | 94 |
| 45 | 3 | 0 | 49 | 153 | 29 | 1 | 62 | 253 | 1 | 0 | 94 |
| 46 | 8 | 0 | 49 | 159 | 125 | 6 | 68 | 254 | 1 | 0 | 94 |
| 48 | 1 | 0 | 49 | 160 | 3 | 0 | 68 | 256 | 6 | 0 | 95 |
| 49 | 5 | 0 | 49 | 162 | 1 | 0 | 68 | 259 | 1 | 0 | 95 |
| 51 | 6 | 0 | 49 | 164 | 4 | 0 | 68 | 260 | 1 | 0 | 95 |
| 58 | 16 | 1 | 50 | 165 | 2 | 0 | 68 | 262 | 2 | 0 | 95 |
| 59 | 2 | 0 | 50 | 166 | 1 | 0 | 68 | 266 | 4 | 0 | 95 |
| 60 | 2 | 0 | 50 | 172 | 120 | 6 | 74 | 272 | 21 | 1 | 96 |
| 62 | 16 | 1 | 51 | 173 | 3 | 0 | 74 | 273 | 1 | 0 | 96 |
| 63 | 15 | 1 | 52 | 174 | 8 | 0 | 75 | 277 | 2 | 0 | 96 |
| 65 | 7 | 0 | 52 | 175 | 2 | 0 | 75 | 278 | 1 | 0 | 96 |
| 66 | 3 | 0 | 52 | 177 | 3 | 0 | 75 | 279 | 2 | 0 | 96 |
| 67 | 4 | 0 | 53 | 185 | 4 | 0 | 75 | 281 | 2 | 0 | 97 |
| 68 | 2 | 0 | 53 | 186 | 3 | 0 | 75 | 282 | 1 | 0 | 97 |
| 69 | 1 | 0 | 53 | 187 | 2 | 0 | 75 | 283 | 3 | 0 | 97 |
| 70 | 2 | 0 | 53 | 188 | 1 | 0 | 75 | 284 | 1 | 0 | 97 |
| 71 | 2 | 0 | 53 | 190 | 21 | 1 | 76 | 285 | 2 | 0 | 97 |
| 74 | 2 | 0 | 53 | 191 | 17 | 1 | 77 | 286 | 1 | 0 | 97 |
| 75 | 5 | 0 | 53 | 193 | 5 | 0 | 78 | 288 | 1 | 0 | 97 |
| 76 | 1 | 0 | 53 | 194 | 2 | 0 | 78 | 289 | 2 | 0 | 97 |
| 80 | 10 | 0 | 54 | 196 | 4 | 0 | 78 | 290 | 1 | 0 | 97 |
| 81 | 1 | 0 | 54 | 197 | 4 | 0 | 78 | 291 | 3 | 0 | 97 |
| 84 | 21 | 1 | 55 | 198 | 22 | 1 | 79 | 292 | 1 | 0 | 97 |
| 85 | 2 | 0 | 55 | 201 | 21 | 1 | 80 | 294 | 1 | 0 | 97 |
| 295 | 1 | 0 | 97 | 308 | 2 | 0 | 99 | 322 | 2 | 0 | 100 |
| 296 | 2 | 0 | 98 | 309 | 1 | 0 | 99 | 323 | 1 | 0 | 100 |

Question 10 (Continued) What is your place of residence (nearest city or town)?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|---------------------------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 298 | 5 | 0 | 98 | 310 | 1 | 0 | 99 | 324 | 1 | 0 | 100 |
| 299 | 1 | 0 | 98 | 311 | 1 | 0 | 99 | 325 | 1 | 0 | 100 |
| 300 | 2 | 0 | 98 | 312 | 2 | 0 | 99 | 326 | 1 | 0 | 100 |
| 301 | 3 | 0 | 98 | 313 | 1 | 0 | 99 | 329 | 1 | 0 | 100 |
| 302 | 3 | 0 | 98 | 314 | 2 | 0 | 99 | 331 | 1 | 0 | 100 |
| 303 | 2 | 0 | 98 | 315 | 2 | 0 | 99 | 332 | 1 | 0 | 100 |
| 304 | 2 | 0 | 98 | 317 | 1 | 0 | 99 | 333 | 1 | 0 | 100 |
| 305 | 3 | 0 | 99 | 318 | 1 | 0 | 99 | 334 | 1 | 0 | 100 |
| 306 | 1 | 0 | 99 | 319 | 1 | 0 | 99 | 337 | 1 | 0 | 100 |
| 307 | 1 | 0 | 99 | 320 | 1 | 0 | 99 | | | | |
| M I S S I N G D A T A | | | | | | | | | | | |
| VALUE FREQ | | | | | | | | | | | |
| 0 54 | | | | | | | | | | | |

Question 11 Are you male or female?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| male | 1 | 1723 | 81.5 | 81.7 | 81.7 |
| female | 2 | 385 | 18.2 | 18.3 | 100.0 |
| | 0 | 7 | .3 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

Question 12 What is your age?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 15 | 3 | 0 | 0 | 34 | 86 | 4 | 39 | 53 | 36 | 2 | 85 |
| 16 | 3 | 0 | 0 | 35 | 99 | 5 | 44 | 54 | 23 | 1 | 86 |
| 17 | 25 | 1 | 1 | 36 | 75 | 4 | 47 | 55 | 35 | 2 | 88 |
| 18 | 15 | 1 | 2 | 37 | 77 | 4 | 51 | 56 | 21 | 1 | 89 |
| 19 | 22 | 1 | 3 | 38 | 51 | 2 | 54 | 57 | 27 | 1 | 90 |
| 20 | 25 | 1 | 4 | 39 | 64 | 3 | 57 | 58 | 29 | 1 | 91 |
| 21 | 25 | 1 | 6 | 40 | 74 | 4 | 60 | 59 | 26 | 1 | 93 |
| 22 | 23 | 1 | 7 | 41 | 60 | 3 | 63 | 60 | 37 | 2 | 94 |
| 23 | 32 | 2 | 8 | 42 | 47 | 2 | 65 | 61 | 19 | 1 | 95 |
| 24 | 37 | 2 | 10 | 43 | 37 | 2 | 67 | 62 | 21 | 1 | 96 |
| 25 | 39 | 2 | 12 | 44 | 43 | 2 | 69 | 63 | 23 | 1 | 97 |
| 26 | 53 | 3 | 14 | 45 | 43 | 2 | 71 | 64 | 30 | 1 | 99 |
| 27 | 44 | 2 | 16 | 46 | 50 | 2 | 73 | 65 | 18 | 1 | 100 |
| 28 | 53 | 3 | 19 | 47 | 33 | 2 | 75 | 68 | 2 | 0 | 100 |
| 29 | 57 | 3 | 22 | 48 | 26 | 1 | 76 | 69 | 1 | 0 | 100 |
| 30 | 67 | 3 | 25 | 49 | 36 | 2 | 78 | 70 | 2 | 0 | 100 |
| 31 | 69 | 3 | 28 | 50 | 41 | 2 | 80 | 72 | 1 | 0 | 100 |
| 32 | 68 | 3 | 31 | 51 | 34 | 2 | 82 | | | | |
| 33 | 75 | 4 | 35 | 52 | 35 | 2 | 83 | | | | |

MISSING DATA
 VALUE 0
 FREQ 18

| | | | | | |
|----------|---------|---------|--------|---------|--------|
| MEAN | 39.167 | MEDIAN | 37.000 | STD DEV | 11.964 |
| VARIANCE | 143.131 | MINIMUM | 15.000 | MAXIMUM | 72.000 |

Question 13A How many children under the age of 16 are there in your household?

| VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT | |
|----------|-----------|---------|---------------|-------------|-------|
| 0 | 1163 | 55.0 | 55.5 | 55.5 | |
| 1 | 303 | 14.3 | 14.5 | 70.0 | |
| 2 | 458 | 21.7 | 21.9 | 91.8 | |
| 3 | 129 | 6.1 | 6.2 | 98.0 | |
| 4 | 31 | 1.5 | 1.5 | 99.5 | |
| 5 | 9 | .4 | .4 | 99.9 | |
| 6 | 1 | .0 | .0 | 100.0 | |
| 7 | 1 | .0 | .0 | 100.0 | |
| 99 | 20 | .9 | MISSING | | |
| <hr/> | | | | | |
| TOTAL | 2115 | 100.0 | 100.0 | | |
| MEAN | .853 | MEDIAN | .000 | STD DEV | 1.109 |
| VARIANCE | 1.230 | MINIMUM | .000 | MAXIMUM | 7.000 |

Question 13B If there are children under 16 in your household, how many of them fish?

| VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT | |
|----------|-----------|---------|---------------|-------------|-------|
| 0 | 1377 | 65.1 | 65.8 | 65.8 | |
| 1 | 330 | 15.6 | 15.8 | 81.6 | |
| 2 | 295 | 13.9 | 14.1 | 95.7 | |
| 3 | 72 | 3.4 | 3.4 | 99.1 | |
| 4 | 17 | .8 | .8 | 100.0 | |
| 5 | 1 | .0 | .0 | 100.0 | |
| 99 | 23 | 1.1 | MISSING | | |
| <hr/> | | | | | |
| TOTAL | 2115 | 100.0 | 100.0 | | |
| MEAN | .578 | MEDIAN | .000 | STD DEV | .916 |
| VARIANCE | .840 | MINIMUM | .000 | MAXIMUM | 5.000 |

Question 14A How many adults over 65 are there in your household?

| VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT | |
|----------|-----------|---------|---------------|-------------|-------|
| 0 | 1978 | 93.5 | 94.6 | 94.6 | |
| 1 | 74 | 3.5 | 3.5 | 98.1 | |
| 2 | 36 | 1.7 | 1.7 | 99.8 | |
| 3 | 3 | .1 | .1 | 100.0 | |
| 4 | 1 | .0 | .0 | 100.0 | |
| 99 | 23 | 1.1 | MISSING | | |
| <hr/> | | | | | |
| TOTAL | 2115 | 100.0 | 100.0 | | |
| MEAN | .076 | MEDIAN | .000 | STD DEV | .345 |
| VARIANCE | .119 | MINIMUM | .000 | MAXIMUM | 4.000 |

Question 14B If there are adults over 65 in your household, how many of them fish?

| VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT | |
|----------|-----------|---------|---------------|-------------|-------|
| 0 | 2011 | 95.1 | 96.1 | 96.1 | |
| 1 | 61 | 2.9 | 2.9 | 99.0 | |
| 2 | 18 | .9 | .9 | 99.9 | |
| 3 | 2 | .1 | .1 | 100.0 | |
| 99 | 23 | 1.1 | MISSING | | |
| <hr/> | | | | | |
| TOTAL | 2115 | 100.0 | 100.0 | | |
| MEAN | .049 | MEDIAN | .000 | STD DEV | .264 |
| VARIANCE | .070 | MINIMUM | .000 | MAXIMUM | 3.000 |

Question 15 Which of the following categories best represents your annual household income before taxes?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|----------------|--------|-----------|---------|---------------|-------------|
| 0-5,000 | 1 | 26 | 1.2 | 1.3 | 1.3 |
| 5,001-10,000 | 2 | 35 | 1.7 | 1.8 | 3.2 |
| 10,001-15,000 | 3 | 72 | 3.4 | 3.7 | 6.9 |
| 15,001- 20,000 | 4 | 93 | 4.4 | 4.8 | 11.7 |
| 20,001-25,000 | 5 | 155 | 7.3 | 8.0 | 19.8 |
| 25,001-30,000 | 6 | 188 | 8.9 | 9.8 | 29.5 |
| 30,001-35,000 | 7 | 191 | 9.0 | 9.9 | 39.4 |
| 35,001-40,000 | 8 | 188 | 8.9 | 9.8 | 49.2 |
| 40,001-45,000 | 9 | 142 | 6.7 | 7.4 | 56.5 |
| 45,001-50,000 | 10 | 196 | 9.3 | 10.2 | 66.7 |
| 50,001-60,000 | 11 | 223 | 10.5 | 11.6 | 78.3 |
| 60,001-70,000 | 12 | 149 | 7.0 | 7.7 | 86.0 |
| 70,001-80,000 | 13 | 95 | 4.5 | 4.9 | 90.9 |
| 80,001-90,000 | 14 | 51 | 2.4 | 2.6 | 93.6 |
| 90,001-100,000 | 15 | 32 | 1.5 | 1.7 | 95.2 |
| >100,000 | 16 | 92 | 4.3 | 4.8 | 100.0 |
| | 0 | 153 | 7.2 | MISSING | |
| | 77 | 34 | 1.6 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 8.718 | MEDIAN | 9.000 | STD DEV | 3.540 |
| VARIANCE | 12.533 | MINIMUM | 1.000 | MAXIMUM | 16.000 |

Question 16 Please circle the highest number of years of education that you have completed?

| VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT | |
|----------|-----------|---------|---------------|-------------|--------|
| 3 | 2 | .1 | .1 | .1 | |
| 4 | 1 | .0 | .0 | .1 | |
| 5 | 3 | .1 | .1 | .3 | |
| 6 | 4 | .2 | .2 | .5 | |
| 7 | 10 | .5 | .5 | 1.0 | |
| 8 | 62 | 2.9 | 3.0 | 4.0 | |
| 9 | 108 | 5.1 | 5.2 | 9.2 | |
| 10 | 168 | 7.9 | 8.1 | 17.4 | |
| 11 | 190 | 9.0 | 9.2 | 26.6 | |
| 12 | 636 | 30.1 | 30.8 | 57.4 | |
| 13 | 156 | 7.4 | 7.6 | 65.0 | |
| 14 | 208 | 9.8 | 10.1 | 75.1 | |
| 15 | 130 | 6.1 | 6.3 | 81.4 | |
| 16 | 198 | 9.4 | 9.6 | 91.0 | |
| 17 | 74 | 3.5 | 3.6 | 94.6 | |
| 18 | 51 | 2.4 | 2.5 | 97.0 | |
| 19 | 32 | 1.5 | 1.6 | 98.6 | |
| 20 | 29 | 1.4 | 1.4 | 100.0 | |
| 0 | 53 | 2.5 | MISSING | | |
| TOTAL | 2115 | 100.0 | 100.0 | | |
| MEAN | 12.808 | MEDIAN | 12.000 | STD DEV | 2.669 |
| VARIANCE | 7.123 | MINIMUM | 3.000 | MAXIMUM | 20.000 |

Question 17 How many hours do you normally work for pay each week?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 0 | 250 | 13 | 13 | 30 | 35 | 2 | 21 | 62 | 1 | 0 | 96 |
| 1 | 1 | 0 | 13 | 32 | 6 | 0 | 21 | 65 | 7 | 0 | 96 |
| 3 | 3 | 0 | 13 | 35 | 46 | 2 | 24 | 66 | 3 | 0 | 96 |
| 4 | 1 | 0 | 13 | 36 | 24 | 1 | 25 | 68 | 1 | 0 | 96 |
| 5 | 5 | 0 | 13 | 37 | 115 | 6 | 31 | 70 | 19 | 1 | 97 |
| 6 | 4 | 0 | 13 | 38 | 23 | 1 | 32 | 72 | 2 | 0 | 97 |
| 7 | 7 | 0 | 14 | 39 | 5 | 0 | 32 | 75 | 3 | 0 | 97 |
| 8 | 21 | 1 | 15 | 40 | 768 | 38 | 71 | 76 | 1 | 0 | 97 |
| 10 | 16 | 1 | 15 | 41 | 2 | 0 | 71 | 77 | 1 | 0 | 97 |
| 12 | 5 | 0 | 16 | 42 | 23 | 1 | 72 | 78 | 1 | 0 | 97 |
| 14 | 1 | 0 | 16 | 43 | 2 | 0 | 72 | 80 | 21 | 1 | 98 |
| 15 | 3 | 0 | 16 | 44 | 57 | 3 | 75 | 84 | 8 | 0 | 99 |
| 16 | 8 | 0 | 16 | 45 | 73 | 4 | 79 | 85 | 1 | 0 | 99 |
| 18 | 6 | 0 | 17 | 46 | 6 | 0 | 79 | 86 | 1 | 0 | 99 |
| 20 | 28 | 1 | 18 | 47 | 1 | 0 | 79 | 88 | 1 | 0 | 99 |

Question 17 (Continued) How many hours do you normally work for pay each week?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 21 | 2 | 0 | 18 | 48 | 28 | 1 | 80 | 90 | 4 | 0 | 99 |
| 22 | 1 | 0 | 18 | 50 | 183 | 9 | 89 | 96 | 1 | 0 | 99 |
| 23 | 1 | 0 | 18 | 51 | 1 | 0 | 89 | 98 | 1 | 0 | 99 |
| 24 | 8 | 0 | 19 | 52 | 2 | 0 | 90 | 100 | 8 | 0 | 100 |
| 25 | 13 | 1 | 19 | 54 | 3 | 0 | 90 | 112 | 1 | 0 | 100 |
| 26 | 2 | 0 | 19 | 55 | 27 | 1 | 91 | 120 | 2 | 0 | 100 |
| 27 | 1 | 0 | 19 | 56 | 14 | 1 | 92 | 168 | 2 | 0 | 100 |
| 28 | 1 | 0 | 19 | 60 | 74 | 4 | 95 | | | | |

M I S S I N G D A T A

| VALUE | FREQ |
|-------|------|
| 999 | 119 |

| | | | | | |
|----------|---------|---------|--------|---------|---------|
| MEAN | 37.055 | MEDIAN | 40.000 | STD DEV | 19.159 |
| VARIANCE | 367.061 | MINIMUM | .000 | MAXIMUM | 168.000 |

Question 18 What do you consider your main occupation to be?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|----------------------------------|-------|-----------|---------|---------------|-------------|
| professional and technical | 1 | 368 | 17.4 | 18.1 | 18.1 |
| managerial | 2 | 174 | 8.2 | 8.6 | 26.6 |
| contractor | 3 | 9 | .4 | .4 | 27.1 |
| farming (farmer, rancher) | 4 | 127 | 6.0 | 6.2 | 33.3 |
| tradesman | 5 | 312 | 14.8 | 15.3 | 48.6 |
| transportation and communication | 6 | 106 | 5.0 | 5.2 | 53.9 |
| service occupations | 7 | 261 | 12.3 | 12.8 | 66.7 |
| retail sales | 8 | 26 | 1.2 | 1.3 | 68.0 |
| real estate | 9 | 14 | .7 | .7 | 68.6 |
| operative | 10 | 105 | 5.0 | 5.2 | 73.8 |
| armed forces | 11 | 6 | .3 | .3 | 74.1 |
| clerical | 12 | 53 | 2.5 | 2.6 | 76.7 |
| labourers (unskilled) | 13 | 56 | 2.6 | 2.8 | 79.5 |
| homemaker | 14 | 119 | 5.6 | 5.8 | 85.3 |
| student | 15 | 63 | 3.0 | 3.1 | 88.4 |
| retired | 16 | 111 | 5.2 | 5.5 | 93.9 |
| not in labour force | 17 | 20 | .9 | 1.0 | 94.8 |
| self-employed | 18 | 63 | 3.0 | 3.1 | 97.9 |
| miscellaneous | 19 | 42 | 2.0 | 2.1 | 100.0 |
| | 0 | 80 | 3.8 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |

| | | | | | |
|----------|--------|---------|-------|---------|--------|
| MEAN | 7.247 | MEDIAN | 6.000 | STD DEV | 5.391 |
| VARIANCE | 29.058 | MINIMUM | 1.000 | MAXIMUM | 19.000 |

Question 19 How many days of paid vacation do you get each year?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 0 | 713 | 36 | 36 | 17 | 4 | 0 | 66 | 36 | 6 | 0 | 97 |
| 1 | 2 | 0 | 36 | 18 | 4 | 0 | 66 | 37 | 1 | 0 | 97 |
| 2 | 2 | 0 | 36 | 19 | 2 | 0 | 66 | 40 | 9 | 0 | 98 |
| 3 | 2 | 0 | 37 | 20 | 226 | 11 | 78 | 42 | 2 | 0 | 98 |
| 4 | 4 | 0 | 37 | 21 | 134 | 7 | 84 | 44 | 2 | 0 | 98 |
| 5 | 5 | 0 | 37 | 22 | 5 | 0 | 85 | 49 | 1 | 0 | 98 |
| 6 | 4 | 0 | 37 | 23 | 3 | 0 | 85 | 50 | 6 | 0 | 98 |
| 7 | 24 | 1 | 38 | 24 | 5 | 0 | 85 | 60 | 11 | 1 | 99 |
| 8 | 2 | 0 | 38 | 25 | 112 | 6 | 91 | 62 | 1 | 0 | 99 |
| 9 | 1 | 0 | 39 | 26 | 1 | 0 | 91 | 70 | 4 | 0 | 99 |
| 10 | 110 | 6 | 44 | 27 | 1 | 0 | 91 | 75 | 3 | 0 | 99 |
| 11 | 3 | 0 | 44 | 28 | 32 | 2 | 93 | 80 | 5 | 0 | 100 |
| 12 | 14 | 1 | 45 | 30 | 68 | 3 | 96 | 90 | 2 | 0 | 100 |
| 13 | 1 | 0 | 45 | 31 | 2 | 0 | 96 | 100 | 1 | 0 | 100 |
| 14 | 213 | 11 | 56 | 32 | 1 | 0 | 96 | 110 | 1 | 0 | 100 |
| 15 | 180 | 9 | 65 | 33 | 4 | 0 | 96 | 120 | 1 | 0 | 100 |
| 16 | 13 | 1 | 66 | 35 | 15 | 1 | 97 | 186 | 1 | 0 | 100 |

M I S S I N G D A T A

VALUE 999
FREQ 146

MEAN 12.840 MEDIAN 14.000 STD DEV 13.651
VARIANCE 186.349 MINIMUM .000 MAXIMUM 186.000

Question 20A I take time off work to go fishing

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| always | 1 | 115 | 5.4 | 6.1 | 6.1 |
| sometimes | 2 | 495 | 23.4 | 26.1 | 32.2 |
| seldom | 3 | 407 | 19.2 | 21.5 | 53.7 |
| never | 4 | 877 | 41.5 | 46.3 | 100.0 |
| | 0 | 221 | 10.4 | MISSING | |
| TOTAL | | 2115 | 100.0 | 100.0 | |

MEAN 3.080 MEDIAN 3.000 STD DEV .980
VARIANCE .961 MINIMUM 1.000 MAXIMUM 4.000

Question 20B I could be working on days I take fishing trips?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| always | 1 | 227 | 10.7 | 12.1 | 12.1 |
| sometimes | 2 | 582 | 27.5 | 31.1 | 43.2 |
| seldom | 3 | 335 | 15.8 | 17.9 | 61.1 |
| never | 4 | 728 | 34.4 | 38.9 | 100.0 |
| | 0 | 243 | 11.5 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 2.835 | MEDIAN | 3.000 | STD DEV | 1.076 |
| VARIANCE | 1.158 | MINIMUM | 1.000 | MAXIMUM | 4.000 |

Question 20C My job has flexible working hours

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| always | 1 | 411 | 19.4 | 21.2 | 21.2 |
| sometimes | 2 | 649 | 30.7 | 33.5 | 54.8 |
| seldom | 3 | 291 | 13.8 | 15.0 | 69.8 |
| never | 4 | 585 | 27.7 | 30.2 | 100.0 |
| | 0 | 179 | 8.5 | MISSING | |
| | TOTAL | 2115 | 100.0 | 100.0 | |
| MEAN | 2.542 | MEDIAN | 2.000 | STD DEV | 1.130 |
| VARIANCE | 1.278 | MINIMUM | 1.000 | MAXIMUM | 4.000 |

**APPENDIX B: DESCRIPTIVE STATISTICS
RESPONDENTS WHO FISHED IN THE SOUTHERN REGION**

Question 1.1 Good chance to catch trophy-sized fish

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 330 | 33.3 | 33.8 | 33.8 |
| | 2 | 171 | 17.2 | 17.5 | 51.3 |
| somewhat important | 3 | 318 | 32.1 | 32.6 | 83.9 |
| | 4 | 93 | 9.4 | 9.5 | 93.4 |
| very important | 5 | 64 | 6.5 | 6.6 | 100.0 |
| | 0 | 16 | 1.6 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 2.375 | MEDIAN | 2.000 | STD DEV | 1.223 |
| VARIANCE | 1.496 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.2 Good chance to catch limit

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 223 | 22.5 | 22.8 | 22.8 |
| | 2 | 190 | 19.2 | 19.4 | 42.3 |
| somewhat important | 3 | 299 | 30.1 | 30.6 | 72.9 |
| | 4 | 165 | 16.6 | 16.9 | 89.8 |
| very important | 5 | 100 | 10.1 | 10.2 | 100.0 |
| | 0 | 15 | 1.5 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 2.723 | MEDIAN | 3.000 | STD DEV | 1.269 |
| VARIANCE | 1.610 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.3 Good chance to catch a preferred species

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 144 | 14.5 | 14.8 | 14.8 |
| | 2 | 88 | 8.9 | 9.1 | 23.9 |
| somewhat important | 3 | 275 | 27.7 | 28.3 | 52.2 |
| | 4 | 267 | 26.9 | 27.5 | 79.7 |
| very important | 5 | 197 | 19.9 | 20.3 | 100.0 |
| | 0 | 21 | 2.1 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 3.294 | MEDIAN | 3.000 | STD DEV | 1.298 |
| VARIANCE | 1.686 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.4 Knowing that the lake is stocked with fish

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 117 | 11.8 | 12.1 | 12.1 |
| | 2 | 94 | 9.5 | 9.7 | 21.8 |
| somewhat important | 3 | 263 | 26.5 | 27.2 | 49.0 |
| | 4 | 172 | 17.3 | 17.8 | 66.7 |
| very important | 5 | 322 | 32.5 | 33.3 | 100.0 |
| | 0 | 24 | 2.4 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 3.504 | MEDIAN | 4.000 | STD DEV | 1.355 |
| VARIANCE | 1.837 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.5 Privacy from other anglers

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 119 | 12.0 | 12.2 | 12.2 |
| | 2 | 129 | 13.0 | 13.3 | 25.5 |
| somewhat important | 3 | 277 | 27.9 | 28.5 | 54.0 |
| | 4 | 232 | 23.4 | 23.8 | 77.8 |
| very important | 5 | 216 | 21.8 | 22.2 | 100.0 |
| | 0 | 19 | 1.9 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 3.305 | MEDIAN | 3.000 | STD DEV | 1.287 |
| VARIANCE | 1.657 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.6 Natural beauty of surroundings

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 39 | 3.9 | 4.0 | 4.0 |
| | 2 | 40 | 4.0 | 4.1 | 8.1 |
| somewhat important | 3 | 194 | 19.6 | 19.9 | 27.9 |
| | 4 | 275 | 27.7 | 28.1 | 56.1 |
| very important | 5 | 429 | 43.2 | 43.9 | 100.0 |
| | 0 | 15 | 1.5 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 4.039 | MEDIAN | 4.000 | STD DEV | 1.077 |
| VARIANCE | 1.160 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.7 Water quality

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 12 | 1.2 | 1.2 | 1.2 |
| | 2 | 10 | 1.0 | 1.0 | 2.3 |
| somewhat important | 3 | 101 | 10.2 | 10.4 | 12.7 |
| | 4 | 207 | 20.9 | 21.3 | 34.0 |
| very important | 5 | 642 | 64.7 | 66.0 | 100.0 |
| | 0 | 20 | 2.0 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 4.499 | MEDIAN | 5.000 | STD DEV | .818 |
| VARIANCE | .668 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.8 Access to wilderness areas

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 114 | 11.5 | 11.7 | 11.7 |
| | 2 | 114 | 11.5 | 11.7 | 23.5 |
| somewhat important | 3 | 314 | 31.7 | 32.3 | 55.8 |
| | 4 | 203 | 20.5 | 20.9 | 76.7 |
| very important | 5 | 226 | 22.8 | 23.3 | 100.0 |
| | 0 | 21 | 2.1 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 3.322 | MEDIAN | 3.000 | STD DEV | 1.275 |
| VARIANCE | 1.625 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.9 Site limited to fly fishing

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 505 | 50.9 | 52.2 | 52.2 |
| | 2 | 170 | 17.1 | 17.6 | 69.8 |
| somewhat important | 3 | 147 | 14.8 | 15.2 | 85.0 |
| | 4 | 68 | 6.9 | 7.0 | 92.0 |
| very important | 5 | 77 | 7.8 | 8.0 | 100.0 |
| | 0 | 25 | 2.5 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 2.009 | MEDIAN | 1.000 | STD DEV | 1.294 |
| VARIANCE | 1.674 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.10 Distance from home

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 137 | 13.8 | 14.0 | 14.0 |
| | 2 | 93 | 9.4 | 9.5 | 23.5 |
| somewhat important | 3 | 464 | 46.8 | 47.5 | 71.0 |
| | 4 | 162 | 16.3 | 16.6 | 87.6 |
| very important | 5 | 121 | 12.2 | 12.4 | 100.0 |
| | 0 | 15 | 1.5 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 3.038 | MEDIAN | 3.000 | STD DEV | 1.148 |
| VARIANCE | 1.317 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.11 Familiarity with the area

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 156 | 15.7 | 16.1 | 16.1 |
| | 2 | 159 | 16.0 | 16.4 | 32.5 |
| somewhat important | 3 | 389 | 39.2 | 40.1 | 72.6 |
| | 4 | 167 | 16.8 | 17.2 | 89.8 |
| very important | 5 | 99 | 10.0 | 10.2 | 100.0 |
| | 0 | 22 | 2.2 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 2.891 | MEDIAN | 3.000 | STD DEV | 1.174 |
| VARIANCE | 1.377 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.12 Owning land or a cabin near the site

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 778 | 78.4 | 80.0 | 80.0 |
| | 2 | 96 | 9.7 | 9.9 | 89.9 |
| somewhat important | 3 | 51 | 5.1 | 5.2 | 95.2 |
| | 4 | 25 | 2.5 | 2.6 | 97.7 |
| very important | 5 | 22 | 2.2 | 2.3 | 100.0 |
| | 0 | 20 | 2.0 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 1.371 | MEDIAN | 1.000 | STD DEV | .875 |
| VARIANCE | .765 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.13 Good road access to the site

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 172 | 17.3 | 17.7 | 17.7 |
| | 2 | 142 | 14.3 | 14.6 | 32.3 |
| somewhat important | 3 | 320 | 32.3 | 32.9 | 65.2 |
| | 4 | 184 | 18.5 | 18.9 | 84.2 |
| very important | 5 | 154 | 15.5 | 15.8 | 100.0 |
| | 0 | 20 | 2.0 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 3.006 | MEDIAN | 3.000 | STD DEV | 1.296 |
| VARIANCE | 1.679 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.14 Site with boat access

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 391 | 39.4 | 40.2 | 40.2 |
| | 2 | 127 | 12.8 | 13.1 | 53.3 |
| somewhat important | 3 | 220 | 22.2 | 22.6 | 75.9 |
| | 4 | 107 | 10.8 | 11.0 | 86.9 |
| very important | 5 | 127 | 12.8 | 13.1 | 100.0 |
| | 0 | 20 | 2.0 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 2.436 | MEDIAN | 2.000 | STD DEV | 1.434 |
| VARIANCE | 2.057 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.15 Picnic/Camping facilities at or near site

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 216 | 21.8 | 22.2 | 22.2 |
| | 2 | 114 | 11.5 | 11.7 | 33.9 |
| somewhat important | 3 | 262 | 26.4 | 26.9 | 60.8 |
| | 4 | 186 | 18.8 | 19.1 | 80.0 |
| very important | 5 | 195 | 19.7 | 20.0 | 100.0 |
| | 0 | 19 | 1.9 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 3.031 | MEDIAN | 3.000 | STD DEV | 1.414 |
| VARIANCE | 1.999 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 1.16 Friends or relatives live nearby

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------|-------|-----------|---------|---------------|-------------|
| not important | 1 | 831 | 83.8 | 84.7 | 84.7 |
| | 2 | 90 | 9.1 | 9.2 | 93.9 |
| somewhat important | 3 | 39 | 3.9 | 4.0 | 97.9 |
| | 4 | 14 | 1.4 | 1.4 | 99.3 |
| very important | 5 | 7 | .7 | .7 | 100.0 |
| | 0 | 11 | 1.1 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |

MEAN 1.243 MEDIAN 1.000 STD DEV .660
 VARIANCE .435 MINIMUM 1.000 MAXIMUM 5.000

Question 2.A Approximately how many years have you fished at this site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| | 0 | 13 | 1.3 | 1.3 | 1.3 |
| | 1 | 49 | 4.9 | 5.0 | 6.3 |
| | 2 | 74 | 7.5 | 7.5 | 13.8 |
| | 3 | 90 | 9.1 | 9.1 | 22.9 |
| | 4 | 45 | 4.5 | 4.6 | 27.5 |
| | 5 | 124 | 12.5 | 12.6 | 40.1 |
| | 6 | 49 | 4.9 | 5.0 | 45.1 |
| | 7 | 34 | 3.4 | 3.5 | 48.6 |
| | 8 | 32 | 3.2 | 3.2 | 51.8 |
| | 9 | 7 | .7 | .7 | 52.5 |
| | 10 | 133 | 13.4 | 13.6 | 66.1 |
| | 11-15 | 112 | 11.3 | 11.4 | 77.5 |
| | 16-20 | 110 | 11.1 | 11.2 | 88.7 |
| | 21-25 | 44 | 4.4 | 4.5 | 93.2 |
| | 26-30 | 34 | 3.4 | 3.5 | 96.7 |
| | 31-40 | 24 | 2.4 | 2.4 | 99.1 |
| | 41-50 | 3 | 0.3 | 0.3 | 99.4 |
| | 50+ | 6 | 0.6 | 0.6 | 100.0 |
| | 99 | 7 | .7 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |

MEAN 10.790 MEDIAN 8.000 STD DEV 9.431
 VARIANCE 88.953 MINIMUM .000 MAXIMUM 60.000

Question 2B Approximately how many times have you visited this site in the last 5 years?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------|-------|-----------|---------|---------------|-------------|
| less than 5 | 1 | 124 | 12.5 | 12.8 | 12.8 |
| 6-10 | 2 | 220 | 22.2 | 22.7 | 35.5 |
| 11-15 | 3 | 126 | 12.7 | 13.0 | 48.6 |
| 16-20 | 4 | 111 | 11.2 | 11.5 | 60.0 |
| 21-30 | 5 | 127 | 12.8 | 13.1 | 73.1 |
| more than 30 | 6 | 260 | 26.2 | 26.9 | 100.0 |
| | 0 | 24 | 2.4 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 3.699 | MEDIAN | 4.000 | STD DEV | 1.820 |
| VARIANCE | 3.311 | MINIMUM | 1.000 | MAXIMUM | 6.000 |

Question 2C How did you first become aware of this site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--|-------|-----------|---------|---------------|-------------|
| from family member | 1 | 180 | 18.1 | 18.6 | 18.6 |
| from friends | 2 | 365 | 36.8 | 37.6 | 56.2 |
| word of mouth, general | 3 | 130 | 13.1 | 13.4 | 69.6 |
| Alberta Fishing guide | 4 | 3 | .3 | .3 | 69.9 |
| tourist info, (pamphlets highway signs etc) | 5 | 29 | 2.9 | 3.0 | 72.9 |
| random chance, (including hiking, driving) | 6 | 148 | 14.9 | 15.3 | 88.1 |
| close to home | 7 | 77 | 7.8 | 7.9 | 96.1 |
| do not have a favorite | 8 | 7 | .7 | .7 | 96.8 |
| miscellaneous, paid guide | 9 | 9 | .9 | .9 | 97.7 |
| maps | 10 | 11 | 1.1 | 1.1 | 98.9 |
| do not remember | 11 | 1 | .1 | .1 | 99.0 |
| while hunting | 12 | 10 | 1.0 | 1.0 | 100.0 |
| | 0 | 22 | 2.2 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 2D What are the specific things about this site that you particularly enjoy?

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---|------|-----------------|------------------|--------------|
| large fish | 1 | 64 | 3.3 | 6.6 |
| good fishing (catch rate) | 2 | 382 | 19.9 | 39.6 |
| fish are stocked | 3 | 17 | 0.9 | 1.8 |
| numerous variety of species | 4 | 25 | 1.3 | 2.6 |
| favorite species present | 5 | 61 | 3.2 | 6.3 |
| type of fishing (fly, boat etc) | 6 | 30 | 1.6 | 3.1 |
| seclusion, quietness | 7 | 285 | 14.8 | 29.5 |
| road access | 8 | 103 | 5.4 | 10.7 |
| boat access | 9 | 22 | 1.1 | 2.3 |
| commercial facilities (stores etc) | 10 | 1 | 0.1 | 0.1 |
| camping/picnic facilities | 11 | 144 | 7.5 | 14.9 |
| facilities (unspecified) | 12 | 20 | 1.0 | 2.1 |
| close to home/worksites | 13 | 109 | 5.7 | 11.3 |
| water quality | 14 | 101 | 5.3 | 10.5 |
| scenic quality | 15 | 307 | 16.0 | 31.8 |
| fresh air | 16 | 11 | 0.6 | 1.1 |
| open fires allowed | 17 | 2 | 0.1 | 0.2 |
| outdoor experience (general) | 18 | 64 | 3.3 | 6.6 |
| other campers (friendliness) | 19 | 3 | 0.2 | 0.3 |
| familiarity with site | 20 | 10 | 0.5 | 1.0 |
| presence of other wildlife | 21 | 29 | 1.5 | 3.0 |
| undeveloped, wilderness | 22 | 64 | 3.3 | 6.6 |
| do not have a favorite site | 23 | 7 | 0.4 | 0.7 |
| patrolled by fish and wildlife officers | 24 | 1 | 0.1 | 0.1 |
| size of Lake | 25 | 18 | 0.9 | 1.9 |
| clean, unpolluted, general | 26 | 36 | 1.9 | 3.7 |
| own land or cabin nearby | 27 | 1 | 0.1 | 0.1 |
| free camping | 28 | 4 | 0.2 | 0.4 |
| | | ----- | ----- | ----- |
| TOTAL RESPONSES | | 1921 | 100.0 | 199.1 |
| 27 MISSING CASES | | 965 VALID CASES | | |

Question 3A What type of transport do you usually use to go from your home to a fishing site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|---------------|-------|-----------|---------|---------------|-------------|
| walk/bicycle | 1 | 20 | 2.0 | 2.1 | 2.1 |
| motorbike/ATV | 2 | 2 | .2 | .2 | 2.3 |
| car/truck/van | 3 | 735 | 74.1 | 77.0 | 79.4 |
| camper/RV | 4 | 195 | 19.7 | 20.4 | 99.8 |
| other | 5 | 2 | .2 | .2 | 100.0 |
| | 0 | 38 | 3.8 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 3B How long do you stay at the site on your typical trip to a fishing site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|---------------------|-------|-----------|---------|---------------|-------------|
| 1-2 hours | 1 | 29 | 2.9 | 3.0 | 3.0 |
| half day | 2 | 212 | 21.4 | 21.8 | 24.8 |
| full day | 3 | 388 | 39.1 | 39.9 | 64.6 |
| 2-3 days | 4 | 296 | 29.8 | 30.4 | 95.1 |
| greater than 3 days | 5 | 48 | 4.8 | 4.9 | 100.0 |
| | 0 | 19 | 1.9 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 3C Generally speaking, how enjoyable do you find the time spent travelling to the fishing site?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|------------------|-------|-----------|---------|---------------|-------------|
| very unenjoyable | 1 | 45 | 4.5 | 4.6 | 4.6 |
| | 2 | 104 | 10.5 | 10.6 | 15.2 |
| | 3 | 426 | 42.9 | 43.5 | 58.7 |
| | 4 | 215 | 21.7 | 21.9 | 80.6 |
| very enjoyable | 5 | 190 | 19.2 | 19.4 | 100.0 |
| | 0 | 12 | 1.2 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 992 | 100.0 | 100.0 | |

| | | | | | |
|----------|-------|---------|-------|---------|-------|
| MEAN | 3.409 | MEDIAN | 3.000 | STD DEV | 1.058 |
| VARIANCE | 1.118 | MINIMUM | 1.000 | MAXIMUM | 5.000 |

Question 3D What type of fishing do you usually do?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------|-------|-----------|---------|---------------|-------------|
| bait fishing | 1 | 184 | 18.5 | 20.4 | 20.4 |
| spin casting | 2 | 389 | 39.2 | 43.2 | 63.6 |
| trolling | 3 | 132 | 13.3 | 14.7 | 78.2 |
| fly fishing | 4 | 176 | 17.7 | 19.5 | 97.8 |
| ice fishing | 5 | 20 | 2.0 | 2.2 | 100.0 |
| | 0 | 91 | 9.2 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 3E What method of fishing do you usually do?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------|-------|-----------|---------|---------------|-------------|
| from shore | 1 | 625 | 63.0 | 65.7 | 65.7 |
| motorboat | 2 | 218 | 22.0 | 22.9 | 88.6 |
| canoe/rowing | 3 | 53 | 5.3 | 5.6 | 94.2 |
| other | 4 | 55 | 5.5 | 5.8 | 100.0 |
| | 0 | 41 | 4.1 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 3F In pounds, approximately how much fish do you take home on a typical fishing trip?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| < 1 lb | 1 | 239 | 24.1 | 24.3 | 24.3 |
| 1-4 lb | 2 | 538 | 54.2 | 54.8 | 79.1 |
| 5-10 lb | 3 | 173 | 17.4 | 17.6 | 96.7 |
| > 10 lb | 4 | 32 | 3.2 | 3.3 | 100.0 |
| | 0 | 10 | 1.0 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 3G Approximately how many years of fishing experience do you have?

| VALUE | FREQUENCY | PERCENT | CUMULATIVE PERCENT | | |
|----------|-----------|---------|--------------------|---------|--------|
| 0-4 | 59 | 6.0 | 6.0 | | |
| 5-9 | 77 | 7.8 | 13.8 | | |
| 10-14 | 132 | 13.3 | 27.1 | | |
| 15-19 | 140 | 14.2 | 41.2 | | |
| 20-24 | 172 | 17.4 | 58.6 | | |
| 25-29 | 126 | 12.7 | 71.3 | | |
| 30-34 | 125 | 12.6 | 83.9 | | |
| 35-39 | 66 | 6.7 | 90.6 | | |
| 40-44 | 49 | 5.0 | 95.6 | | |
| 45-49 | 19 | 1.9 | 97.5 | | |
| 50-60 | 24 | 2.5 | 100.0 | | |
| 99 | 3 | MISSING | | | |
| MEAN | 21.456 | MEDIAN | 20.000 | STD DEV | 11.690 |
| VARIANCE | 136.657 | MINIMUM | .000 | MAXIMUM | 60.000 |

Question 3H Do you practice catch and release fishing?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| yes | 1 | 782 | 78.8 | 79.4 | 79.4 |
| no | 2 | 203 | 20.5 | 20.6 | 100.0 |
| | 0 | 7 | .7 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

Question 3I How far ahead do you usually plan fishing trips?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|--------------------------|-------|-----------|---------|---------------|-------------|
| on same day | 1 | 67 | 6.8 | 6.9 | 6.9 |
| day before | 2 | 157 | 15.8 | 16.2 | 23.0 |
| few days before | 3 | 380 | 38.3 | 39.1 | 62.1 |
| a week before | 4 | 201 | 20.3 | 20.7 | 82.8 |
| few weeks before | 5 | 126 | 12.7 | 13.0 | 95.8 |
| more than a month before | 6 | 41 | 4.1 | 4.2 | 100.0 |
| | 0 | 20 | 2.0 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

Question 3J Who do you usually go fishing with?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| spouse | 1 | 179 | 18.0 | 18.9 | 18.9 |
| friends | 2 | 378 | 38.1 | 40.0 | 58.9 |
| family | 3 | 328 | 33.1 | 34.7 | 93.7 |
| nobody | 4 | 60 | 6.0 | 6.3 | 100.0 |
| | 0 | 47 | 4.7 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

Question 4 If overfishing becomes a problem in Alberta lakes and rivers, which of the following management options would you most like to see used to address the problem?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-----------------------------|-------|-----------|---------|---------------|-------------|
| shorter season | 1 | 34 | 3.4 | 3.5 | 3.5 |
| size limit | 2 | 127 | 12.8 | 12.9 | 16.4 |
| no bait fishing | 3 | 38 | 3.8 | 3.9 | 20.2 |
| increase licence fee | 4 | 16 | 1.6 | 1.6 | 21.8 |
| increased stocking | 5 | 238 | 24.0 | 24.2 | 46.0 |
| more enforcement | 6 | 102 | 10.3 | 10.4 | 56.4 |
| catch and release | 7 | 265 | 26.7 | 26.9 | 83.3 |
| larger fines for violations | 8 | 92 | 9.3 | 9.3 | 92.7 |
| other | 9 | 72 | 7.3 | 7.3 | 100.0 |
| | 0 | 8 | .8 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

Question 4A Alternate management option

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|------------------------|-------|-----------|---------|---------------|-------------|
| no management needed | 0 | 1 | 1.4 | 1.5 | 1.5 |
| combination of above | 1 | 51 | 70.8 | 78.5 | 80.0 |
| barbless hooks | 3 | 1 | 1.4 | 1.5 | 81.5 |
| no commercial fishing | 4 | 5 | 7.0 | 7.7 | 89.2 |
| smaller limits, season | 5 | 2 | 2.8 | 3.1 | 92.3 |
| no fishing at all | 6 | 1 | 1.4 | 1.5 | 93.8 |
| less netting, (winter) | 7 | 4 | 5.6 | 6.2 | 100.0 |
| | 9 | 7 | 9.7 | MISSING | |
| | TOTAL | 72 | 100.0 | 100.0 | |

Question 5 How much do you spend on fishing over a typical fishing season?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| \$0-\$50 | 1 | 43 | 4.3 | 4.3 | 4.3 |
| \$51-\$100 | 2 | 116 | 11.7 | 11.7 | 16.1 |
| \$101-\$200 | 3 | 163 | 16.4 | 16.5 | 32.6 |
| \$201-\$300 | 4 | 180 | 18.1 | 18.2 | 50.8 |
| \$301-\$500 | 5 | 204 | 20.6 | 20.6 | 71.4 |
| > \$501 | 6 | 283 | 28.5 | 28.6 | 100.0 |
| | 0 | 3 | .3 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

Question 6 Did you go sportfishing in Alberta in 1990?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| yes | 1 | 975 | 98.3 | 98.9 | 98.9 |
| no | 2 | 11 | 1.1 | 1.1 | 100.0 |
| | 0 | 6 | .6 | MISSING | |
| | | ----- | ----- | ----- | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 7 Which of the following fishing sites have you ever visited or heard of as a fishing site?

| Fishing Site | UNAWARE OF SITE | | AWARE OF SITE | |
|------------------------------------|-----------------|---------|---------------|---------|
| | FREQUENCY | PERCENT | FREQUENCY | PERCENT |
| Upper Oldman River | 579 | 58.4 | 413 | 41.6 |
| Livingstone River | 667 | 67.2 | 325 | 32.8 |
| Dutch Creek | 601 | 60.6 | 391 | 39.4 |
| Racehorse Creek | 684 | 69.0 | 308 | 31.0 |
| Oldman River to peigan reserve | 616 | 62.1 | 376 | 37.9 |
| Crowsnest Lake | 645 | 65.0 | 347 | 35.0 |
| Allison (Chinook) Lake | 750 | 75.6 | 242 | 24.4 |
| Crowsnest River to Blairmore | 702 | 70.8 | 290 | 29.2 |
| Crowsnest River to byron Creek | 729 | 73.5 | 263 | 26.5 |
| Crowsnest River to lundbrook Falls | 577 | 58.2 | 415 | 41.8 |
| Crowsnest River to mouth | 593 | 59.8 | 399 | 40.2 |
| Burmis Lake | 735 | 74.1 | 257 | 25.9 |
| Castle River | 571 | 57.6 | 421 | 42.4 |
| Lynx Creek | 744 | 75.0 | 248 | 25.0 |
| Carbondale River | 776 | 78.2 | 216 | 21.8 |
| West castle River | 670 | 67.5 | 322 | 32.5 |
| Beavermines Lake | 457 | 46.1 | 535 | 53.9 |
| Barnaby (southfork) Lake | 849 | 85.6 | 143 | 14.4 |
| South castle River | 741 | 74.7 | 251 | 25.3 |
| Crooked Creek | 913 | 92.0 | 79 | 8.0 |
| Mami (paine) Lake | 741 | 74.7 | 251 | 25.3 |
| Cottonwood Creek | 907 | 91.4 | 85 | 8.6 |
| Bathing Lake | 910 | 91.7 | 82 | 8.3 |
| Butcher Lake | 956 | 96.4 | 36 | 3.6 |
| Dipping vat Lake | 815 | 82.2 | 177 | 17.8 |
| Drywood Creek | 906 | 91.3 | 86 | 8.7 |
| Waterton Reservoir | 611 | 61.6 | 381 | 38.4 |
| Cochrane Lake | 856 | 86.3 | 136 | 13.7 |
| Beauvais Lake | 523 | 52.7 | 469 | 47.3 |
| Waterton River | 687 | 69.3 | 305 | 30.7 |
| Oldman River at fort macleod | 634 | 63.9 | 358 | 36.1 |
| Willow Creek | 707 | 71.3 | 285 | 28.7 |
| Chain Lake | 378 | 38.1 | 614 | 61.9 |
| Mcgregor Reservoir | 413 | 41.6 | 579 | 58.4 |
| Travers Reservoir | 539 | 54.3 | 453 | 45.7 |

Question 7 (Continued) Which of the following fishing sites have you ever visited or heard of as a fishing site?

| Fishing Site | UNAWARE OF SITE | | AWARE OF SITE | |
|-----------------------------------|-----------------|---------|---------------|---------|
| | FREQUENCY | PERCENT | FREQUENCY | PERCENT |
| Keho Lake | 596 | 60.1 | 396 | 39.9 |
| Oldman River to forks | 772 | 77.8 | 220 | 22.2 |
| Nicholas sheran park Lake | 808 | 81.5 | 184 | 18.5 |
| Henderson Lake | 702 | 70.8 | 290 | 29.2 |
| Stafford Reservoir | 824 | 83.1 | 168 | 16.9 |
| Mcquillan Lake | 905 | 91.2 | 87 | 8.8 |
| Belly River | 802 | 80.8 | 190 | 19.2 |
| St mary River to Reservoir | 803 | 80.9 | 189 | 19.1 |
| St mary Reservoir | 688 | 69.4 | 304 | 30.6 |
| St mary River below Reservoir | 802 | 80.8 | 190 | 19.2 |
| Police (outpost) Lake | 551 | 55.5 | 441 | 44.5 |
| Cross Coulee Reservoir | 904 | 91.1 | 88 | 8.9 |
| Tyrrell Lake | 732 | 73.8 | 260 | 26.2 |
| Milk River ridge Reservoir | 821 | 82.8 | 171 | 17.2 |
| Goldsprings park pond | 928 | 93.5 | 64 | 6.5 |
| Milk River to miners Coulee Creek | 903 | 91.0 | 89 | 9.0 |
| Heninger Reservoir | 832 | 83.9 | 160 | 16.1 |
| Milk River to montana border | 912 | 91.9 | 80 | 8.1 |
| Chin Reservoir | 623 | 62.8 | 369 | 37.2 |
| Sherburne Reservoir | 863 | 87.0 | 129 | 13.0 |
| Lake south of burdett | 889 | 89.6 | 103 | 10.4 |
| Little bow Reservoir | 614 | 61.9 | 378 | 38.1 |
| Stonehill Lake | 882 | 88.9 | 110 | 11.1 |
| Badger Reservoir | 798 | 80.4 | 194 | 19.6 |
| Bow River bassano to mouth | 598 | 60.3 | 394 | 39.7 |
| Bow River carseland to bassano | 567 | 57.2 | 425 | 42.8 |
| Red deer River to dinosaur park | 737 | 74.3 | 255 | 25.7 |
| Brooks childrens pond | 872 | 87.9 | 120 | 12.1 |
| Cowoki Reservoir | 891 | 89.8 | 101 | 10.2 |
| Tilly b Reservoir | 802 | 80.8 | 190 | 19.2 |
| Lake newell | 467 | 47.1 | 525 | 52.9 |
| South sask River to border | 753 | 75.9 | 239 | 24.1 |
| Echo dale regional park pond | 858 | 86.5 | 134 | 13.5 |
| South sask River to rattlesnake | 802 | 80.8 | 190 | 19.2 |
| Rattlesnake sauder Reservoir | 823 | 83.0 | 169 | 17.0 |
| Cavan Lake | 825 | 83.2 | 167 | 16.8 |
| Michell Reservoir | 850 | 85.7 | 142 | 14.3 |
| Murray Reservoir | 845 | 85.2 | 147 | 14.8 |
| Bullshead Reservoir | 846 | 85.3 | 146 | 14.7 |
| Spruce Coulee Reservoir | 793 | 79.9 | 199 | 20.1 |
| Elkwater Reservoir | 641 | 64.6 | 351 | 35.4 |
| Reesor Lake | 701 | 70.7 | 291 | 29.3 |

Question 8A How many trips did you take in 1990?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|----------|---------|-----|---------|---------|-------|-----|---------|---------|------|-----|---------|
| 1 | 67 | 7 | 7 | 15 | 30 | 3 | 83 | 30 | 39 | 4 | 95 |
| 2 | 75 | 8 | 14 | 16 | 3 | 0 | 83 | 33 | 1 | 0 | 96 |
| 3 | 115 | 12 | 26 | 17 | 3 | 0 | 83 | 35 | 7 | 1 | 96 |
| 4 | 88 | 9 | 35 | 18 | 7 | 1 | 84 | 36 | 1 | 0 | 96 |
| 5 | 89 | 9 | 44 | 19 | 4 | 0 | 85 | 40 | 9 | 1 | 97 |
| 6 | 73 | 7 | 51 | 20 | 33 | 3 | 88 | 45 | 4 | 0 | 98 |
| 7 | 61 | 6 | 57 | 21 | 1 | 0 | 88 | 48 | 1 | 0 | 98 |
| 8 | 53 | 5 | 63 | 22 | 3 | 0 | 88 | 50 | 11 | 1 | 99 |
| 9 | 48 | 5 | 67 | 23 | 1 | 0 | 88 | 52 | 1 | 0 | 99 |
| 10 | 35 | 4 | 71 | 24 | 4 | 0 | 89 | 60 | 2 | 0 | 99 |
| 11 | 34 | 3 | 74 | 25 | 21 | 2 | 91 | 61 | 1 | 0 | 99 |
| 12 | 27 | 3 | 77 | 26 | 1 | 0 | 91 | 70 | 2 | 0 | 99 |
| 13 | 13 | 1 | 78 | 27 | 1 | 0 | 91 | 75 | 2 | 0 | 100 |
| 14 | 14 | 1 | 80 | 28 | 4 | 0 | 92 | 99 | 3 | 0 | 100 |
| MEAN | 10.325 | | | MEDIAN | 6.000 | | | STD DEV | | | 11.833 |
| VARIANCE | 140.022 | | | MINIMUM | 1.000 | | | MAXIMUM | | | 99.000 |

Question 8B Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---|------|-------|------------------|--------------|
| Upper Oldman River, (NW Branch) | 1 | 63 | 0.9 | 6.4 |
| Livingstone River | 2 | 51 | 0.7 | 5.1 |
| Dutch Creek | 3 | 62 | 0.9 | 6.3 |
| Racehorse Creek | 4 | 38 | 0.5 | 3.8 |
| Oldman River; Hwy 22 bridge to Peigan Reserve | 5 | 37 | 0.5 | 3.7 |
| Crowsnest Lake | 6 | 42 | 0.6 | 4.2 |
| Chinook Lake (Allison Lake) | 7 | 37 | 0.5 | 3.7 |
| Crowsnest River; headwaters to Blairmore (Legion bridge) | 8 | 11 | 0.2 | 1.1 |
| Crowsnest River; Blairmore to Passberg bridge (Byron Cr.) | 9 | 12 | 0.2 | 1.2 |
| Crowsnest River; Passberg bridge to Lundbreck Falls | 10 | 49 | 0.7 | 4.9 |
| Crowsnest River; Lundbreck Falls to mouth (Blairmore Pincher Cr area) | 11 | 79 | 1.1 | 8.0 |
| Burmis Lake | 12 | 7 | 0.1 | 0.7 |
| Castle River | 13 | 90 | 1.3 | 9.1 |
| Lynx Creek | 14 | 40 | 0.6 | 4.0 |
| Carbondale River | 15 | 42 | 0.6 | 4.2 |
| West Castle River | 16 | 48 | 0.7 | 4.8 |
| Beavermines Lake | 17 | 172 | 2.5 | 17.3 |
| Barnaby (Southfork) Lake | 18 | 4 | 0.1 | 0.4 |
| South Castle River | 19 | 43 | 0.6 | 4.3 |
| Crooked Creek | 20 | 4 | 0.1 | 0.4 |
| Mami (Paine) Lake | 21 | 106 | 1.5 | 10.7 |
| Cottonwood Creek | 22 | 4 | 0.1 | 0.4 |

Question 8B (Continued) Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---------------------------------------|------|-------|------------------|--------------|
| Bathing Lake | 23 | 13 | 0.2 | 1.3 |
| Butcher Lake | 24 | 1 | 0.0 | 0.1 |
| Dipping Vat Lake | 25 | 20 | 0.3 | 2.0 |
| Waterton Reservoir | 27 | 35 | 0.5 | 3.5 |
| Cochrane Lake | 28 | 19 | 0.3 | 1.9 |
| Beauvais Lake | 29 | 83 | 1.2 | 8.4 |
| Waterton River | 30 | 27 | 0.4 | 2.7 |
| Oldman River - near Fort Macleod | 31 | 17 | 0.2 | 1.7 |
| Willow Creek | 32 | 26 | 0.4 | 2.6 |
| Chain Lake | 33 | 234 | 3.3 | 23.6 |
| McGregor Reservoir | 34 | 308 | 4.4 | 31.0 |
| Travers Reservoir | 35 | 171 | 2.4 | 17.2 |
| Keho Lake | 36 | 94 | 1.3 | 9.5 |
| Oldman River; Monarch to Forks | 37 | 12 | 0.2 | 1.2 |
| Nicholas Sheran Park Lake | 38 | 29 | 0.4 | 2.9 |
| Henderson Lake | 39 | 27 | 0.4 | 2.7 |
| Stafford Reservoir | 40 | 12 | 0.2 | 1.2 |
| McQuillan Lake | 41 | 8 | 0.1 | 0.8 |
| Belly River | 42 | 8 | 0.1 | 0.8 |
| St Mary River; Upper to Reservoir | 43 | 7 | 0.1 | 0.7 |
| St Mary Reservoir | 44 | 35 | 0.5 | 3.5 |
| St Mary River below Reservoir | 45 | 5 | 0.1 | 0.5 |
| Police (Outpost) Lake | 46 | 47 | 0.7 | 4.7 |
| Cross Coulee Reservoir | 47 | 26 | 0.4 | 2.6 |
| Tyrrell Lake | 48 | 10 | 0.1 | 1.0 |
| Milk River Ridge Reservoir | 49 | 49 | 0.7 | 4.9 |
| Goldsprings Park pond | 50 | 11 | 0.2 | 1.1 |
| Milk River; mouth of the North | | | | |
| Milk River to Miners Coulee Cr. | 51 | 1 | 0.0 | 0.1 |
| Heninger Reservoir | 52 | 36 | 0.5 | 3.6 |
| Milk River-Miners Coulee Creek to | | | | |
| Montana border | 53 | 3 | 0.0 | 0.3 |
| Chin Reservoir | 54 | 157 | 2.2 | 15.8 |
| Sherburne Reservoir | 55 | 91 | 1.3 | 9.2 |
| Unnamed Lake-near Burdett | 56 | 54 | 0.8 | 5.4 |
| Little Bow Reservoir | 57 | 44 | 0.6 | 4.4 |
| Stonehill Lake | 58 | 12 | 0.2 | 1.2 |
| Badger Reservoir | 59 | 69 | 1.0 | 7.0 |
| Bow River; Bassano Dam to mouth | 60 | 89 | 1.3 | 9.0 |
| Bow River; Carseland to Bassano | 61 | 220 | 3.1 | 22.2 |
| Red Deer River; Finegan to Dinosaur | | | | |
| Provincial Park | 62 | 12 | 0.2 | 1.2 |
| Brooks Childrens pond | 63 | 5 | 0.1 | 0.5 |
| Cowoki Reservoir | 64 | 12 | 0.2 | 1.2 |
| Tilly B Reservoir | 65 | 22 | 0.3 | 2.2 |
| Lake Newell | 66 | 198 | 2.8 | 20.0 |
| South Saskatchewan River; Rattlesnake | | | | |
| to Saskatchewan border | 67 | 54 | 0.8 | 5.4 |
| Echo Dale Regional Park | 68 | 12 | 0.2 | 1.2 |
| South Saskatchewan River; forks to | | | | |
| Rattlesnake | 69 | 29 | 0.4 | 2.9 |

Question 8B (Continued) Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-----------------------------------|------|-------|------------------|--------------|
| Rattlesnake/Sauder Reservoir | 70 | 79 | 1.1 | 8.0 |
| Cavan Lake | 71 | 9 | 0.1 | 0.9 |
| Michell Reservoir | 72 | 24 | 0.3 | 2.4 |
| Murray Reservoir | 73 | 93 | 1.3 | 9.4 |
| Bullshead Reservoir | 74 | 10 | 0.1 | 1.0 |
| Spruce Coulee Reservoir | 75 | 114 | 1.6 | 11.5 |
| Elkwater Lake | 76 | 84 | 1.2 | 8.5 |
| Reesor Lake | 77 | 207 | 3.0 | 20.9 |
| Bow River, general | 78 | 448 | 6.4 | 45.2 |
| Crowsnest River, general | 79 | 161 | 2.3 | 16.2 |
| Milk River, general | 80 | 6 | 0.1 | 0.6 |
| Oldman River, general | 81 | 98 | 1.4 | 9.9 |
| Red Deer River, general | 82 | 65 | 0.9 | 6.6 |
| St Mary River, general | 83 | 6 | 0.1 | 0.6 |
| South Saskatchewan River, general | 84 | 49 | 0.7 | 4.9 |
| Outside of province | 85 | 68 | 1.0 | 6.9 |
| Catarack Creek | 87 | 8 | 0.1 | 0.8 |
| Severn Reservoir | 88 | 15 | 0.2 | 1.5 |
| Weed Lake | 89 | 5 | 0.1 | 0.5 |
| North Ram River | 91 | 12 | 0.2 | 1.2 |
| Kananaskis Lake | 92 | 63 | 0.9 | 6.4 |
| Highwood River | 93 | 74 | 1.1 | 7.5 |
| Sheep River | 94 | 48 | 0.7 | 4.8 |
| Wolf Lake | 96 | 2 | 0.0 | 0.2 |
| Moose Lake | 97 | 8 | 0.1 | 0.8 |
| Pigeon Lake | 98 | 6 | 0.1 | 0.6 |
| Spray Lake Reservoir | 99 | 69 | 1.0 | 7.0 |
| Name unknown | 100 | 94 | 1.3 | 9.5 |
| Lessor Slave Lake | 101 | 5 | 0.1 | 0.5 |
| Sylvan Lake | 102 | 16 | 0.2 | 1.6 |
| Lake Minnewanka | 103 | 31 | 0.4 | 3.1 |
| Krypt Lake | 104 | 1 | 0.0 | 0.1 |
| Waterton Park (chain Lakes) | 105 | 1 | 0.0 | 0.1 |
| Park Lake | 106 | 20 | 0.3 | 2.0 |
| Lost Lake (Vauxhall area) | 107 | 4 | 0.1 | 0.4 |
| Pine Lake | 109 | 48 | 0.7 | 4.8 |
| Dickson dam | 110 | 14 | 0.2 | 1.4 |
| Crandell Lake, (Waterton Ntl Pk) | 111 | 2 | 0.0 | 0.2 |
| Ridge park | 112 | 5 | 0.1 | 0.5 |
| Little Chestener Lake | 114 | 1 | 0.0 | 0.1 |
| Hidden Lake (Bragg Creek area) | 115 | 1 | 0.0 | 0.1 |
| Crawling Valley Reservoir | 116 | 104 | 1.5 | 10.5 |
| Mckinnon flats, (Bow River) | 117 | 3 | 0.0 | 0.3 |
| Elbow River | 118 | 37 | 0.5 | 3.7 |
| Buck Lake | 119 | 9 | 0.1 | 0.9 |
| Brazeau River | 121 | 1 | 0.0 | 0.1 |
| Gull Lake | 122 | 31 | 0.4 | 3.1 |
| Beaver Lake | 128 | 7 | 0.1 | 0.7 |
| Battle Lake | 129 | 1 | 0.0 | 0.1 |
| Cow Lake | 131 | 4 | 0.1 | 0.4 |
| Ram River | 132 | 15 | 0.2 | 1.5 |

Question 8B (Continued) Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|----------------------------------|------|-------|------------------|--------------|
| Black Nugget mine pit, (Camrose) | 133 | 3 | 0.0 | 0.3 |
| Carson Lake | 136 | 3 | 0.0 | 0.3 |
| Wabamum Lake | 137 | 3 | 0.0 | 0.3 |
| Fork Lake | 138 | 1 | 0.0 | 0.1 |
| James River | 139 | 5 | 0.1 | 0.5 |
| Stauffer Creek | 141 | 15 | 0.2 | 1.5 |
| Pinehurst Lake | 147 | 4 | 0.1 | 0.4 |
| Raven River | 149 | 17 | 0.2 | 1.7 |
| Burnstick Lake | 151 | 9 | 0.1 | 0.9 |
| Phyllis Lake | 152 | 1 | 0.0 | 0.1 |
| Cold Lake | 154 | 3 | 0.0 | 0.3 |
| Forestburg Lake | 155 | 7 | 0.1 | 0.7 |
| Pierce Lake | 157 | 1 | 0.0 | 0.1 |
| Clearwater River | 159 | 12 | 0.2 | 1.2 |
| Rock Lake | 162 | 3 | 0.0 | 0.3 |
| Glenmore Reservoir | 163 | 55 | 0.8 | 5.5 |
| Chester Lake | 166 | 1 | 0.0 | 0.1 |
| Jumping Pound Creek | 167 | 10 | 0.1 | 1.0 |
| Twin Lakes | 168 | 4 | 0.1 | 0.4 |
| Peppers Lake | 169 | 3 | 0.0 | 0.3 |
| Saskatchewan River | 170 | 9 | 0.1 | 0.9 |
| Banff Lake areas | 171 | 1 | 0.0 | 0.1 |
| Dickson pond | 172 | 2 | 0.0 | 0.2 |
| Siebert Lake | 175 | 3 | 0.0 | 0.3 |
| Swan Lake | 177 | 12 | 0.2 | 1.2 |
| Medicine Lake | 178 | 1 | 0.0 | 0.1 |
| Prairie Creek | 180 | 27 | 0.4 | 2.7 |
| Fortress Lake | 182 | 1 | 0.0 | 0.1 |
| Chestermere Lake | 185 | 19 | 0.3 | 1.9 |
| Ghost Lake | 186 | 40 | 0.6 | 4.0 |
| Swawell | 187 | 4 | 0.1 | 0.4 |
| Touchwood Lake | 188 | 1 | 0.0 | 0.1 |
| Strubel Lake | 192 | 8 | 0.1 | 0.8 |
| Buffalo Lake | 195 | 16 | 0.2 | 1.6 |
| Fallen Timber Creek | 196 | 11 | 0.2 | 1.1 |
| Swan River | 197 | 2 | 0.0 | 0.2 |
| Dixon pond | 198 | 1 | 0.0 | 0.1 |
| Burnt Timber Creek | 202 | 10 | 0.1 | 1.0 |
| Sturgeon Lake | 203 | 4 | 0.1 | 0.4 |
| Thirteen (13) mile | 205 | 4 | 0.1 | 0.4 |
| Fish Lake | 206 | 6 | 0.1 | 0.6 |
| Coal Lake | 207 | 1 | 0.0 | 0.1 |
| Lake Isle | 208 | 4 | 0.1 | 0.4 |
| Pierre Grey Lake | 211 | 1 | 0.0 | 0.1 |
| Smokey River | 212 | 2 | 0.0 | 0.2 |
| Sheep Creek | 213 | 1 | 0.0 | 0.1 |
| Cold Creek | 215 | 1 | 0.0 | 0.1 |
| Fickel Lake | 221 | 1 | 0.0 | 0.1 |
| Gap Lake | 223 | 9 | 0.1 | 0.9 |
| Brown Creek | 224 | 2 | 0.0 | 0.2 |
| Boon Lake | 225 | 1 | 0.0 | 0.1 |

Question 8B (Continued) Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-------------------------------|------|-------|------------------|--------------|
| Taylor Lake | 226 | 2 | 0.0 | 0.2 |
| Obrien Lake | 227 | 1 | 0.0 | 0.1 |
| Watridge Lake | 230 | 3 | 0.0 | 0.3 |
| Ribbon Lake | 232 | 1 | 0.0 | 0.1 |
| Todd Creek | 234 | 1 | 0.0 | 0.1 |
| Rolling Hills Reservoir | 235 | 10 | 0.1 | 1.0 |
| Seebe dam | 236 | 16 | 0.2 | 1.6 |
| Dutch Lake | 237 | 1 | 0.0 | 0.1 |
| Langdon Reservoir | 238 | 4 | 0.1 | 0.4 |
| Eagle Lake | 239 | 14 | 0.2 | 1.4 |
| Garner Lake | 240 | 1 | 0.0 | 0.1 |
| Michichi Reservoir | 241 | 22 | 0.3 | 2.2 |
| Horseshoe power plant | 242 | 12 | 0.2 | 1.2 |
| Beaver flat | 243 | 3 | 0.0 | 0.3 |
| Lake Missawawi | 244 | 1 | 0.0 | 0.1 |
| Bassano dam | 246 | 22 | 0.3 | 2.2 |
| Elbow Falls | 247 | 1 | 0.0 | 0.1 |
| Mclean Creek pond | 248 | 4 | 0.1 | 0.4 |
| Blood Indian Reservoir (Oyen) | 250 | 43 | 0.6 | 4.3 |
| Stirling trout pond | 251 | 9 | 0.1 | 0.9 |
| Rock Island Lake | 252 | 2 | 0.0 | 0.2 |
| Calling Lake | 253 | 1 | 0.0 | 0.1 |
| Fish Creek | 254 | 3 | 0.0 | 0.3 |
| Kananaskis River | 255 | 3 | 0.0 | 0.3 |
| Barrier Lake | 256 | 4 | 0.1 | 0.4 |
| Bearspaw dam | 260 | 13 | 0.2 | 1.3 |
| Carburn Park (Calgary) | 261 | 1 | 0.0 | 0.1 |
| Terrall Reservoir | 262 | 2 | 0.0 | 0.2 |
| Writing on Stone Park | 263 | 1 | 0.0 | 0.1 |
| Forty mile dam | 264 | 27 | 0.4 | 2.7 |
| Anderson dam | 265 | 2 | 0.0 | 0.2 |
| Bear pond | 266 | 8 | 0.1 | 0.8 |
| Bridgeland Creek | 267 | 1 | 0.0 | 0.1 |
| Tay Lake | 268 | 3 | 0.0 | 0.3 |
| Three point Creek | 269 | 2 | 0.0 | 0.2 |
| Nice Creek | 270 | 1 | 0.0 | 0.1 |
| Cripple Creek | 271 | 2 | 0.0 | 0.2 |
| Castle Falls | 273 | 6 | 0.1 | 0.6 |
| Headwall Lake | 274 | 2 | 0.0 | 0.2 |
| Wall Lake | 275 | 1 | 0.0 | 0.1 |
| Mckenzie Lake | 276 | 2 | 0.0 | 0.2 |
| Lac des Arc | 277 | 2 | 0.0 | 0.2 |
| Ghost River | 278 | 5 | 0.1 | 0.5 |
| North Saskatchewan River | 279 | 4 | 0.1 | 0.4 |
| Sibbald flats | 280 | 16 | 0.2 | 1.6 |
| Allan bill pond | 281 | 1 | 0.0 | 0.1 |
| Elbow Lake | 282 | 12 | 0.2 | 1.2 |
| Mirror Reservoir | 283 | 5 | 0.1 | 0.5 |
| Hilers dam | 288 | 1 | 0.0 | 0.1 |
| Dogpound Creek | 289 | 18 | 0.3 | 1.8 |
| Hector Lake | 290 | 1 | 0.0 | 0.1 |

Question 8B (Continued) Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---------------------------------|------|-------|------------------|--------------|
| Mudd Lake (Kanaskis area) | 291 | 1 | 0.0 | 0.1 |
| Meadow Creek | 292 | 9 | 0.1 | 0.9 |
| Marvel Lake | 293 | 5 | 0.1 | 0.5 |
| Pilot pond | 294 | 2 | 0.0 | 0.2 |
| Cypress Hills | 296 | 1 | 0.0 | 0.1 |
| Ford Creek | 297 | 1 | 0.0 | 0.1 |
| Yellow Lake | 298 | 12 | 0.2 | 1.2 |
| Rainy Lake | 299 | 2 | 0.0 | 0.2 |
| Windsor Lake | 300 | 8 | 0.1 | 0.8 |
| Upper Man Lake | 301 | 1 | 0.0 | 0.1 |
| Frenchmans Lake | 302 | 2 | 0.0 | 0.2 |
| Fairfax Lake | 304 | 1 | 0.0 | 0.1 |
| Long Lake | 307 | 1 | 0.0 | 0.1 |
| Alford Creek | 309 | 1 | 0.0 | 0.1 |
| Two Jack Lake | 310 | 1 | 0.0 | 0.1 |
| Winnifred Lake | 311 | 1 | 0.0 | 0.1 |
| Glenifer Lake | 312 | 7 | 0.1 | 0.7 |
| Island Lake | 313 | 3 | 0.0 | 0.3 |
| Cross Lake | 314 | 1 | 0.0 | 0.1 |
| Lost Creek | 316 | 5 | 0.1 | 0.5 |
| Lac la Biche | 317 | 3 | 0.0 | 0.3 |
| Cameron Lake, (Waterton Ntl Pk) | 318 | 3 | 0.0 | 0.3 |
| Rawson Lake | 319 | 4 | 0.1 | 0.4 |
| William Creek | 320 | 5 | 0.1 | 0.5 |
| Waiparous Creek | 321 | 11 | 0.2 | 1.1 |
| Johnson Creek | 322 | 4 | 0.1 | 0.4 |
| Lesueur Creek | 323 | 9 | 0.1 | 0.9 |
| Hidden Creek | 324 | 3 | 0.0 | 0.3 |
| Devils head Creek | 325 | 4 | 0.1 | 0.4 |
| Tay River | 326 | 7 | 0.1 | 0.7 |
| Thunder mountain Lake | 327 | 1 | 0.0 | 0.1 |
| Helmer dam | 328 | 2 | 0.0 | 0.2 |
| Tombstone Lake | 331 | 1 | 0.0 | 0.1 |
| Grizzly Lake | 334 | 3 | 0.0 | 0.3 |
| Lees Creek | 335 | 6 | 0.1 | 0.6 |
| Klaudts dam | 336 | 4 | 0.1 | 0.4 |
| Golden Lake | 339 | 2 | 0.0 | 0.2 |
| Shunda Creek | 343 | 7 | 0.1 | 0.7 |
| Sunken Lake | 345 | 3 | 0.0 | 0.3 |
| Enchant pond | 346 | 4 | 0.1 | 0.4 |
| Snaring River (Jasper Ntl Pk) | 355 | 2 | 0.0 | 0.2 |
| Fawcett Lake | 356 | 2 | 0.0 | 0.2 |
| Athabasca River | 357 | 1 | 0.0 | 0.1 |
| Two Lakes | 358 | 1 | 0.0 | 0.1 |
| Muriel Lake | 360 | 1 | 0.0 | 0.1 |
| Mcvinnie pond | 363 | 10 | 0.1 | 1.0 |
| Clear Creek | 364 | 1 | 0.0 | 0.1 |
| Dam H (Vauxhall) | 365 | 6 | 0.1 | 0.6 |
| Midway Reservoir | 367 | 1 | 0.0 | 0.1 |
| Bear Lake | 369 | 7 | 0.1 | 0.7 |
| Big Iron Lake | 370 | 10 | 0.1 | 1.0 |

Question 8B (Continued) Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-----------------------------------|------|-------|------------------|--------------|
| Lost Guide Lake | 371 | 1 | 0.0 | 0.1 |
| Grass Lake | 372 | 1 | 0.0 | 0.1 |
| Pearce Estate Park (Calgary) | 373 | 1 | 0.0 | 0.1 |
| Keeney pond | 377 | 5 | 0.1 | 0.5 |
| Margaret Lake | 380 | 4 | 0.1 | 0.4 |
| Sauder Reservoir | 381 | 2 | 0.0 | 0.2 |
| Grassy Lake | 382 | 29 | 0.4 | 2.9 |
| Carnovon Lake | 384 | 7 | 0.1 | 0.7 |
| Winchell Lake | 385 | 1 | 0.0 | 0.1 |
| Pincher Creek | 387 | 2 | 0.0 | 0.2 |
| Dewits pond | 388 | 1 | 0.0 | 0.1 |
| Three Isle Lake | 389 | 1 | 0.0 | 0.1 |
| Yarrow Creek | 390 | 4 | 0.1 | 0.4 |
| East Scarpe Lake | 391 | 3 | 0.0 | 0.3 |
| Lys Lake | 392 | 2 | 0.0 | 0.2 |
| Foremost dam | 393 | 3 | 0.0 | 0.3 |
| Green Lake | 394 | 1 | 0.0 | 0.1 |
| Lilian Lake | 396 | 4 | 0.1 | 0.4 |
| Snipe Lake | 397 | 1 | 0.0 | 0.1 |
| Sperser Lake | 398 | 2 | 0.0 | 0.2 |
| Lonesome Lake | 399 | 1 | 0.0 | 0.1 |
| Michell Creek | 400 | 1 | 0.0 | 0.1 |
| Alexander Creek | 401 | 1 | 0.0 | 0.1 |
| Elk River | 402 | 3 | 0.0 | 0.3 |
| Storm Lake | 404 | 1 | 0.0 | 0.1 |
| Bighorn River | 405 | 1 | 0.0 | 0.1 |
| Utikuma Lake | 406 | 3 | 0.0 | 0.3 |
| Fincastle Lake | 407 | 3 | 0.0 | 0.3 |
| Pickle Jar Lake (Kananaskis area) | 408 | 3 | 0.0 | 0.3 |
| Rainy Ridge Lake | 410 | 3 | 0.0 | 0.3 |
| Picture Butte Reservoir | 411 | 4 | 0.1 | 0.4 |
| Elford Creek | 412 | 1 | 0.0 | 0.1 |
| Grotto pond | 413 | 2 | 0.0 | 0.2 |
| Pipestone River | 414 | 1 | 0.0 | 0.1 |
| Herbert Lake | 415 | 1 | 0.0 | 0.1 |
| Horsefly Lake | 417 | 3 | 0.0 | 0.3 |
| Daisy Creek | 418 | 2 | 0.0 | 0.2 |
| Allison Creek | 419 | 1 | 0.0 | 0.1 |
| Scope dam | 420 | 13 | 0.2 | 1.3 |
| Cameron Creek | 421 | 3 | 0.0 | 0.3 |
| Lee Creek | 422 | 7 | 0.1 | 0.7 |
| Johnson Lake | 423 | 2 | 0.0 | 0.2 |
| Flathead Creek | 424 | 2 | 0.0 | 0.2 |
| Seven persons Creek | 425 | 2 | 0.0 | 0.2 |
| Botteral Creek | 426 | 2 | 0.0 | 0.2 |
| Owl Lake | 427 | 2 | 0.0 | 0.2 |
| Gloria Lake | 428 | 1 | 0.0 | 0.1 |
| Flat Creek | 429 | 1 | 0.0 | 0.1 |
| Pekisko Creek | 430 | 1 | 0.0 | 0.1 |
| Squaw Creek | 431 | 1 | 0.0 | 0.1 |
| Cow Creek | 433 | 8 | 0.1 | 0.8 |

Question 8B (Continued) Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|---------------------------|------|-------|------------------|--------------|
| Battle River | 437 | 5 | 0.1 | 0.5 |
| Muskeg River | 438 | 1 | 0.0 | 0.1 |
| Grand Cache Lake | 439 | 1 | 0.0 | 0.1 |
| Baptiste River | 440 | 1 | 0.0 | 0.1 |
| Mud Creek | 441 | 3 | 0.0 | 0.3 |
| Skunk Creek | 442 | 1 | 0.0 | 0.1 |
| Calolside dam | 443 | 2 | 0.0 | 0.2 |
| Goldeye Lake | 444 | 1 | 0.0 | 0.1 |
| Duck Lake | 446 | 1 | 0.0 | 0.1 |
| Spring Creek | 447 | 1 | 0.0 | 0.1 |
| Kenney Coulee | 448 | 4 | 0.1 | 0.4 |
| Bow Island town pond | 450 | 4 | 0.1 | 0.4 |
| Dalmead Reservoir | 452 | 1 | 0.0 | 0.1 |
| Fisher Creek | 453 | 4 | 0.1 | 0.4 |
| Emerald Lake | 454 | 2 | 0.0 | 0.2 |
| Factory Lake | 455 | 3 | 0.0 | 0.3 |
| Powder Lake | 457 | 1 | 0.0 | 0.1 |
| Marie Lake | 458 | 2 | 0.0 | 0.2 |
| Vetch Creek | 460 | 2 | 0.0 | 0.2 |
| Swan Creek | 461 | 2 | 0.0 | 0.2 |
| Camp Creek | 463 | 1 | 0.0 | 0.1 |
| Clarks Reservoir | 468 | 1 | 0.0 | 0.1 |
| Mcfinney pond | 469 | 2 | 0.0 | 0.2 |
| Sugar factory Lake, Taber | 472 | 3 | 0.0 | 0.3 |
| Glacier River | 473 | 1 | 0.0 | 0.1 |
| Mclaren Lake | 476 | 1 | 0.0 | 0.1 |
| Mann Lake | 477 | 1 | 0.0 | 0.1 |
| Meeting Creek | 480 | 1 | 0.0 | 0.1 |
| Hay River | 481 | 1 | 0.0 | 0.1 |
| Little Bow River | 482 | 16 | 0.2 | 1.6 |
| Trap Creek | 483 | 1 | 0.0 | 0.1 |
| Berland Creek | 484 | 1 | 0.0 | 0.1 |
| Sundance Creek | 485 | 1 | 0.0 | 0.1 |
| Lawrence Creek | 488 | 1 | 0.0 | 0.1 |
| Blackstone Creek | 491 | 4 | 0.1 | 0.4 |
| Lake Haze | 494 | 1 | 0.0 | 0.1 |
| Missawawi Lake | 498 | 1 | 0.0 | 0.1 |
| Battle Creek | 499 | 3 | 0.0 | 0.3 |
| Libby dam | 501 | 2 | 0.0 | 0.2 |
| Moore Lake | 502 | 1 | 0.0 | 0.1 |
| Bow City Lake | 503 | 12 | 0.2 | 1.2 |
| Sparrows egg Lake | 518 | 1 | 0.0 | 0.1 |
| Maude Lake | 519 | 4 | 0.1 | 0.4 |
| Christina Lake | 520 | 2 | 0.0 | 0.2 |
| Carrington River | 521 | 1 | 0.0 | 0.1 |
| Trout Creek | 523 | 1 | 0.0 | 0.1 |
| Rockbound Lake | 524 | 1 | 0.0 | 0.1 |
| Harlech pond | 525 | 1 | 0.0 | 0.1 |
| Loomis Lake | 527 | 1 | 0.0 | 0.1 |
| Surveyors Lake | 528 | 1 | 0.0 | 0.1 |
| Bow Provincial Park | 533 | 2 | 0.0 | 0.2 |

Question 8B (Continued) Site of fishing trips

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|----------------------------------|------|-------|------------------|--------------|
| Harold Creek | 534 | 3 | 0.0 | 0.3 |
| Victory Creek | 541 | 1 | 0.0 | 0.1 |
| Wabasco Lake | 542 | 1 | 0.0 | 0.1 |
| Wizzard Lake | 544 | 2 | 0.0 | 0.2 |
| Mill Creek | 546 | 1 | 0.0 | 0.1 |
| Little Bow Provincial Park | 547 | 4 | 0.1 | 0.4 |
| Marsh Lake | 549 | 1 | 0.0 | 0.1 |
| Romeo Lake | 552 | 9 | 0.1 | 0.9 |
| Canyon Creek | 553 | 1 | 0.0 | 0.1 |
| Fitzsimmons Creek | 554 | 1 | 0.0 | 0.1 |
| Langdon River | 555 | 1 | 0.0 | 0.1 |
| Crypt Lake (Waterton Ntl Pk) | 556 | 2 | 0.0 | 0.2 |
| Brewster Creek | 562 | 1 | 0.0 | 0.1 |
| Heart Lake | 563 | 1 | 0.0 | 0.1 |
| Shannon Lake | 565 | 1 | 0.0 | 0.1 |
| George Creek | 566 | 2 | 0.0 | 0.2 |
| Coal Creek | 567 | 1 | 0.0 | 0.1 |
| Wardlow River | 571 | 1 | 0.0 | 0.1 |
| Bertha Lake (Waterton Ntl PK) | 572 | 3 | 0.0 | 0.3 |
| Gardner Creek | 573 | 1 | 0.0 | 0.1 |
| Cat Creek | 574 | 1 | 0.0 | 0.1 |
| Jensen dam | 576 | 2 | 0.0 | 0.2 |
| Private dam/pond/dugout | 577 | 6 | 0.1 | 0.6 |
| Milo Reservoir | 579 | 1 | 0.0 | 0.1 |
| Paddy flats | 580 | 1 | 0.0 | 0.1 |
| Barre Lake | 582 | 1 | 0.0 | 0.1 |
| Lake of Horns | 583 | 1 | 0.0 | 0.1 |
| Spring Point beaver pond | 586 | 1 | 0.0 | 0.1 |
| Policemans flats, Bow River | 587 | 1 | 0.0 | 0.1 |
| Red Lodge Park | 589 | 2 | 0.0 | 0.2 |
| Lake Kokanosa | 592 | 1 | 0.0 | 0.1 |
| Kickamen Lake | 593 | 1 | 0.0 | 0.1 |
| Emerson Lake | 594 | 2 | 0.0 | 0.2 |
| Chungo River | 595 | 1 | 0.0 | 0.1 |
| Heart River dam | 600 | 1 | 0.0 | 0.1 |
| Mosquito Creek | 607 | 1 | 0.0 | 0.1 |
| Spray River | 608 | 1 | 0.0 | 0.1 |
| Medicine hat College pond | 612 | 3 | 0.0 | 0.3 |
| University Reservoir, Lethbridge | 613 | 1 | 0.0 | 0.1 |
| Beaver Creek | 635 | 1 | 0.0 | 0.1 |
| TOTAL RESPONSES | | 6998 | 100.0 | 705.4 |

Question 8C Distance to site

| DISTANCE TO SITE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|----------------------|-------|------------------|--------------|
| 1-10 | 956 | 14.3 | 137.6 |
| 11-19 | 352 | 5.3 | 50.6 |
| 20-29 | 486 | 7.3 | 69.9 |
| 30-39 | 398 | 6.0 | 57.3 |
| 40-49 | 592 | 8.9 | 85.2 |
| 50-59 | 418 | 6.3 | 60.1 |
| 60-69 | 529 | 7.9 | 76.1 |
| 70-79 | 470 | 7.1 | 67.6 |
| 80-89 | 356 | 5.3 | 51.2 |
| 90-99 | 332 | 5.0 | 47.8 |
| 100-109 | 479 | 7.2 | 68.9 |
| 110-119 | 113 | 1.7 | 16.3 |
| 120-129 | 269 | 4.0 | 38.7 |
| 130-139 | 87 | 1.3 | 12.5 |
| 140-149 | 74 | 1.1 | 10.6 |
| 150-159 | 187 | 2.8 | 26.9 |
| 160-169 | 68 | 1.0 | 9.8 |
| 170-180 | 33 | 0.5 | 4.7 |
| 180-190 | 90 | 1.4 | 12.9 |
| 190-199 | 20 | 0.3 | 2.9 |
| 200-249 | 178 | 2.7 | 25.6 |
| 250-299 | 50 | 0.8 | 7.2 |
| 300-349 | 49 | 0.7 | 7.1 |
| 350-399 | 17 | 0.3 | 2.4 |
| 400-449 | 10 | 0.2 | 1.4 |
| 450-400 | 4 | 0.1 | 0.6 |
| 500-549 | 9 | 0.1 | 1.3 |
| 550-599 | 4 | 0.1 | 0.6 |
| 600-649 | 12 | 0.2 | 1.7 |
| 650-699 | 1 | 0.0 | 0.1 |
| 700-749 | 6 | 0.1 | 0.9 |
| 750-799 | 1 | 0.0 | 0.1 |
| 800-899 | 5 | 0.1 | 0.7 |
| 900-999 ¹ | 10 | 0.2 | 1.4 |
| <hr/> | | | |
| TOTAL RESPONSES | 6665 | 100.0 | 695.0 |
| 33 MISSING CASES | | 959 VALID CASES | |

¹The value of 999 was used for any value of 999 or greater.

Question 8D Size of party

| PARTY SIZE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|------------------|-------|---------------------|-----------------|
| 1 | 820 | 12.1 | 85.8 |
| 2 | 3172 | 46.8 | 331.8 |
| 3 | 1170 | 17.3 | 122.4 |
| 4 | 1030 | 15.2 | 107.7 |
| 5 | 245 | 3.6 | 25.6 |
| 6 | 160 | 2.4 | 16.7 |
| 7 | 46 | 0.7 | 4.8 |
| 8 | 55 | 0.8 | 5.8 |
| 9 | 18 | 0.3 | 1.9 |
| 10 | 27 | 0.4 | 2.8 |
| 11 | 3 | 0.0 | 0.3 |
| 12 | 6 | 0.1 | 0.6 |
| 13 | 2 | 0.0 | 0.2 |
| 14 | 5 | 0.1 | 0.5 |
| 15 | 5 | 0.1 | 0.5 |
| 16 | 3 | 0.0 | 0.3 |
| 18 | 1 | 0.0 | 0.1 |
| 25 | 1 | 0.0 | 0.1 |
| 30 | 1 | 0.0 | 0.1 |
| 40 | 1 | 0.0 | 0.1 |
| 50 | 1 | 0.0 | 0.1 |
| ----- | | | |
| TOTAL RESPONSES | 6772 | 100.0 | 708.4 |
| 36 MISSING CASES | | | 956 VALID CASES |

Question 8E Fish species sought

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|--------------------------------|-----------------|-------|---------------------|-----------------|
| walleye | 1 | 511 | 6.2 | 52.7 |
| rainbow trout | 2 | 633 | 7.7 | 65.3 |
| brown trout | 3 | 238 | 2.9 | 24.6 |
| brook trout | 4 | 87 | 1.1 | 9.0 |
| cutthroat trout | 5 | 163 | 2.0 | 16.8 |
| trout (unspecified elsewhere) | 6 | 3218 | 38.9 | 332.1 |
| northern pike | 7 | 2195 | 26.6 | 226.5 |
| whitefish | 8 | 518 | 6.3 | 53.5 |
| perch | 9 | 233 | 2.8 | 24.0 |
| goldeye | 10 | 74 | 0.9 | 7.6 |
| arctic grayling | 11 | 40 | 0.5 | 4.1 |
| Lake trout | 12 | 86 | 1.0 | 8.9 |
| salmon | 13 | 20 | 0.2 | 2.1 |
| other, (ling, sauger, suckers, | 14 | 108 | 1.3 | 11.1 |
| anything can catch | 15 | 70 | 0.8 | 7.2 |
| pickeral | 16 | 33 | 0.4 | 3.4 |
| sturgeon | 17 | 38 | 0.5 | 3.9 |
| ----- | | | | |
| | TOTAL RESPONSES | 8265 | 100.0 | 852.9 |
| 23 MISSING CASES | | | | 969 VALID CASES |

Question 8F Number of fish caught

| FISH CAUGHT | COUNT | PCT OF RESPONSES | PCT OF CASES |
|------------------|-------|------------------|--------------|
| 1 | 661 | 13.5 | 73.3 |
| 2 | 872 | 17.8 | 96.7 |
| 3 | 606 | 12.4 | 67.2 |
| 4 | 542 | 11.0 | 60.1 |
| 5 | 406 | 8.3 | 45.0 |
| 6 | 301 | 6.1 | 33.4 |
| 7 | 134 | 2.7 | 14.9 |
| 8 | 192 | 3.9 | 21.3 |
| 9 | 85 | 1.7 | 9.4 |
| 10 | 275 | 5.6 | 30.5 |
| 11 | 34 | 0.7 | 3.8 |
| 12 | 97 | 2.0 | 10.8 |
| 13 | 34 | 0.7 | 3.8 |
| 14 | 24 | 0.5 | 2.7 |
| 15 | 135 | 2.8 | 15.0 |
| 16 | 22 | 0.4 | 2.4 |
| 17 | 11 | 0.2 | 1.2 |
| 18 | 30 | 0.6 | 3.3 |
| 19 | 13 | 0.3 | 1.4 |
| 20 | 108 | 2.2 | 12.0 |
| 21 | 10 | 0.2 | 1.1 |
| 22 | 9 | 0.2 | 1.0 |
| 23 | 11 | 0.2 | 1.2 |
| 24 | 9 | 0.2 | 1.0 |
| 25 | 43 | 0.9 | 4.8 |
| 26 | 5 | 0.1 | 0.6 |
| 27 | 4 | 0.1 | 0.4 |
| 28 | 7 | 0.1 | 0.8 |
| 29 | 1 | 0.0 | 0.1 |
| 30-39 | 94 | 1.9 | 10.4 |
| 40-49 | 44 | 0.9 | 4.9 |
| 50-59 | 28 | 0.6 | 3.1 |
| 60-69 | 18 | 0.4 | 2.0 |
| 70-79 | 8 | 0.2 | 0.9 |
| 80-89 | 6 | 0.1 | 0.7 |
| 90-99 | 3 | 0.1 | 0.3 |
| 100-149 | 13 | 0.3 | 1.4 |
| 150 | 1 | 0.0 | 0.1 |
| 200 | 7 | 0.1 | 0.8 |
| 225 | 1 | 0.0 | 0.1 |
| 300 | 1 | 0.0 | 0.1 |
| 354 | 1 | 0.0 | 0.1 |
| 450 | 1 | 0.0 | 0.1 |
| ----- | | ----- | ----- |
| TOTAL RESPONSES | 4906 | 100.0 | 543.9 |
| 90 MISSING CASES | | 902 | VALID CASES |

Question 8G Number of fish released

| FISH NUMBER | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-------------------|-------|------------------|--------------|
| 1 | 453 | 15.2 | 66.1 |
| 2 | 579 | 19.5 | 84.5 |
| 3 | 337 | 11.3 | 49.2 |
| 4 | 286 | 9.6 | 41.8 |
| 5 | 242 | 8.1 | 35.3 |
| 6 | 183 | 6.2 | 26.7 |
| 7 | 75 | 2.5 | 10.9 |
| 8 | 99 | 3.3 | 14.5 |
| 9 | 35 | 1.2 | 5.1 |
| 10 | 199 | 6.7 | 29.1 |
| 11 | 17 | 0.6 | 2.5 |
| 12 | 38 | 1.3 | 5.5 |
| 13 | 24 | 0.8 | 3.5 |
| 14 | 15 | 0.5 | 2.2 |
| 15 | 76 | 2.6 | 11.1 |
| 16 | 16 | 0.5 | 2.3 |
| 17 | 5 | 0.2 | 0.7 |
| 18 | 10 | 0.3 | 1.5 |
| 19 | 9 | 0.3 | 1.3 |
| 20 | 83 | 2.8 | 12.1 |
| 21 | 5 | 0.2 | 0.7 |
| 22 | 3 | 0.1 | 0.4 |
| 23 | 2 | 0.1 | 0.3 |
| 24 | 4 | 0.1 | 0.6 |
| 25 | 24 | 0.8 | 3.5 |
| 26 | 2 | 0.1 | 0.3 |
| 27 | 2 | 0.1 | 0.3 |
| 28 | 5 | 0.2 | 0.7 |
| 29 | 3 | 0.1 | 0.4 |
| 30-39 | 57 | 1.9 | 8.3 |
| 40-49 | 27 | 0.9 | 3.9 |
| 50-59 | 18 | 0.6 | 2.6 |
| 60-69 | 10 | 0.3 | 1.5 |
| 70-79 | 4 | 0.1 | 0.6 |
| 80-89 | 5 | 0.2 | 0.7 |
| 90-99 | 3 | 0.1 | 0.4 |
| 100-149 | 9 | 0.3 | 1.3 |
| 150-199 | 5 | 0.2 | 0.7 |
| 200 | 2 | 0.1 | 0.3 |
| 220 | 1 | 0.0 | 0.1 |
| 270 | 1 | 0.0 | 0.1 |
| 400 | 1 | 0.0 | 0.1 |
| ----- | | ----- | ----- |
| TOTAL RESPONSES | 2974 | 100.0 | 434.2 |
| 307 MISSING CASES | 685 | VALID CASES | |

Question 8H Type of waterbody

| CATEGORY LABEL | CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|----------------------|-----------------|-------|------------------|--------------|
| River | 1 | 2007 | 28.8 | 202.9 |
| Lake | 2 | 3425 | 49.1 | 346.3 |
| Stream, Creek, brook | 3 | 613 | 8.8 | 62.0 |
| Pond, mine pit | 4 | 137 | 2.0 | 13.9 |
| Reservoir | 5 | 777 | 11.1 | 78.6 |
| Ocean | 6 | 12 | 0.2 | 1.2 |
| | | ----- | ----- | ----- |
| | TOTAL RESPONSES | 6971 | 100.0 | 704.9 |
| 3 MISSING CASES | 989 VALID CASES | | | |

Question 8I Length of fishing trip²

| CODE | COUNT | PCT OF RESPONSES | PCT OF CASES |
|-------------------|-----------------|------------------|--------------|
| 1 | 826 | 44.6 | 168.9 |
| 2 | 695 | 37.5 | 142.1 |
| 3 | 190 | 10.3 | 38.9 |
| 4 | 33 | 1.8 | 6.7 |
| 5 | 23 | 1.2 | 4.7 |
| 6 | 28 | 1.5 | 5.7 |
| 7 | 8 | 0.4 | 1.6 |
| 8 | 8 | 0.4 | 1.6 |
| 9 | 9 | 0.5 | 1.8 |
| 10 | 8 | 0.4 | 1.6 |
| 11 | 3 | 0.2 | 0.6 |
| 12 | 6 | 0.3 | 1.2 |
| 13 | 4 | 0.2 | 0.8 |
| 14 | 4 | 0.2 | 0.8 |
| 15 | 1 | 0.1 | 0.2 |
| 16 | 4 | 0.2 | 0.8 |
| 22 | 1 | 0.1 | 0.2 |
| 34 | 1 | 0.1 | 0.2 |
| | ----- | ----- | ----- |
| TOTAL RESPONSES | 1852 | 100.0 | 378.7 |
| 503 MISSING CASES | 489 VALID CASES | | |

²This is computed by subtracting the end date from the start date on the trip calendar.

Question 10 What is your place of residence (nearest city or town)

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | |
|---------------|------|-----|---------|---------|------|-----|---------|-------|------|------|---------|--|
| 2 | 13 | 1 | 1 | 133 | 9 | 1 | 57 | 256 | 5 | 1 | 95 | |
| 13 | 3 | 0 | 2 | 134 | 3 | 0 | 58 | 262 | 1 | 0 | 95 | |
| 14 | 5 | 1 | 2 | 139 | 1 | 0 | 58 | 266 | 2 | 0 | 95 | |
| 18 | 1 | 0 | 2 | 141 | 3 | 0 | 58 | 272 | 1 | 0 | 96 | |
| 19 | 2 | 0 | 2 | 145 | 3 | 0 | 58 | 273 | 1 | 0 | 96 | |
| 26 | 2 | 0 | 3 | 153 | 3 | 0 | 59 | 278 | 1 | 0 | 96 | |
| 29 | 7 | 1 | 3 | 159 | 106 | 11 | 70 | 281 | 2 | 0 | 96 | |
| 34 | 1 | 0 | 4 | 162 | 1 | 0 | 70 | 283 | 2 | 0 | 96 | |
| 35 | 5 | 1 | 4 | 165 | 1 | 0 | 70 | 284 | 1 | 0 | 96 | |
| 38 | 27 | 3 | 7 | 172 | 100 | 10 | 80 | 288 | 1 | 0 | 96 | |
| 41 | 391 | 40 | 47 | 173 | 2 | 0 | 80 | 289 | 2 | 0 | 97 | |
| 43 | 2 | 0 | 47 | 175 | 2 | 0 | 80 | 290 | 1 | 0 | 97 | |
| 45 | 2 | 0 | 48 | 177 | 1 | 0 | 81 | 291 | 2 | 0 | 97 | |
| 46 | 8 | 1 | 48 | 185 | 2 | 0 | 81 | 294 | 1 | 0 | 97 | |
| 51 | 1 | 0 | 49 | 188 | 1 | 0 | 81 | 296 | 1 | 0 | 97 | |
| 58 | 14 | 1 | 50 | 190 | 13 | 1 | 82 | 298 | 5 | 1 | 98 | |
| 59 | 1 | 0 | 50 | 191 | 1 | 0 | 82 | 299 | 1 | 0 | 98 | |
| 60 | 1 | 0 | 50 | 193 | 2 | 0 | 83 | 300 | 2 | 0 | 98 | |
| 62 | 14 | 1 | 52 | 197 | 4 | 0 | 83 | 301 | 1 | 0 | 98 | |
| 63 | 4 | 0 | 52 | 198 | 18 | 2 | 85 | 302 | 2 | 0 | 98 | |
| 65 | 5 | 1 | 53 | 201 | 5 | 1 | 85 | 304 | 1 | 0 | 98 | |
| 66 | 1 | 0 | 53 | 205 | 8 | 1 | 86 | 305 | 3 | 0 | 99 | |
| 68 | 2 | 0 | 53 | 206 | 15 | 2 | 88 | 306 | 1 | 0 | 99 | |
| 69 | 1 | 0 | 53 | 207 | 14 | 1 | 89 | 307 | 1 | 0 | 99 | |
| 80 | 2 | 0 | 53 | 208 | 2 | 0 | 89 | 312 | 1 | 0 | 99 | |
| 84 | 10 | 1 | 54 | 213 | 2 | 0 | 90 | 315 | 1 | 0 | 99 | |
| 85 | 2 | 0 | 54 | 232 | 3 | 0 | 90 | 320 | 1 | 0 | 99 | |
| 87 | 1 | 0 | 55 | 233 | 1 | 0 | 90 | 322 | 2 | 0 | 99 | |
| 90 | 1 | 0 | 55 | 234 | 4 | 0 | 90 | 323 | 1 | 0 | 99 | |
| 95 | 1 | 0 | 55 | 237 | 4 | 0 | 91 | 324 | 1 | 0 | 100 | |
| 101 | 3 | 0 | 55 | 243 | 5 | 1 | 91 | 326 | 1 | 0 | 100 | |
| 104 | 6 | 1 | 56 | 244 | 28 | 3 | 94 | 331 | 1 | 0 | 100 | |
| 121 | 3 | 0 | 56 | 251 | 1 | 0 | 94 | 332 | 1 | 0 | 100 | |
| 122 | 2 | 0 | 56 | 252 | 2 | 0 | 95 | 333 | 1 | 0 | 100 | |
| 127 | 1 | 0 | 56 | 254 | 1 | 0 | 95 | | | | | |
| M I S S I N G | | | | D A T A | | | | VALUE | 0 | FREQ | 24 | |

Question 11 Are you male or female?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| male | 1 | 815 | 82.2 | 82.2 | 82.2 |
| female | 2 | 176 | 17.7 | 17.8 | 100.0 |
| | 0 | 1 | .1 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 12 What is your age in years?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 16 | 1 | 0 | 0 | 34 | 38 | 4 | 42 | 52 | 17 | 2 | 86 |
| 17 | 15 | 2 | 2 | 35 | 52 | 5 | 47 | 53 | 13 | 1 | 88 |
| 18 | 9 | 1 | 3 | 36 | 37 | 4 | 51 | 54 | 7 | 1 | 88 |
| 19 | 10 | 1 | 4 | 37 | 43 | 4 | 55 | 55 | 17 | 2 | 90 |
| 20 | 13 | 1 | 5 | 38 | 22 | 2 | 58 | 56 | 8 | 1 | 91 |
| 21 | 14 | 1 | 6 | 39 | 31 | 3 | 61 | 57 | 10 | 1 | 92 |
| 22 | 13 | 1 | 8 | 40 | 33 | 3 | 64 | 58 | 12 | 1 | 93 |
| 23 | 16 | 2 | 9 | 41 | 29 | 3 | 67 | 59 | 11 | 1 | 94 |
| 24 | 18 | 2 | 11 | 42 | 25 | 3 | 70 | 60 | 15 | 2 | 96 |
| 25 | 22 | 2 | 13 | 43 | 18 | 2 | 71 | 61 | 6 | 1 | 96 |
| 26 | 24 | 2 | 16 | 44 | 21 | 2 | 74 | 62 | 10 | 1 | 97 |
| 27 | 21 | 2 | 18 | 45 | 25 | 3 | 76 | 63 | 5 | 1 | 98 |
| 28 | 29 | 3 | 21 | 46 | 17 | 2 | 78 | 64 | 9 | 1 | 99 |
| 29 | 35 | 4 | 24 | 47 | 14 | 1 | 79 | 65 | 7 | 1 | 100 |
| 30 | 35 | 4 | 28 | 48 | 10 | 1 | 80 | 68 | 1 | 0 | 100 |
| 31 | 34 | 3 | 31 | 49 | 12 | 1 | 81 | 69 | 1 | 0 | 100 |
| 32 | 30 | 3 | 34 | 50 | 16 | 2 | 83 | 70 | 1 | 0 | 100 |
| 33 | 38 | 4 | 38 | 51 | 16 | 2 | 85 | 72 | 1 | 0 | 100 |

M I S S I N G D A T A

VALUE 0
FREQ 5

MEAN 37.989 MEDIAN 36.000 STD DEV 11.569
 VARIANCE 133.849 MINIMUM 16.000 MAXIMUM 72.000

Question 13A How many children under the age of 16 are there in your household?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| | 0 | 527 | 53.1 | 53.7 | 53.7 |
| | 1 | 158 | 15.9 | 16.1 | 69.8 |
| | 2 | 218 | 22.0 | 22.2 | 92.0 |
| | 3 | 62 | 6.3 | 6.3 | 98.3 |
| | 4 | 11 | 1.1 | 1.1 | 99.4 |
| | 5 | 6 | .6 | .6 | 100.0 |
| | 99 | 10 | 1.0 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

MEAN .870 MEDIAN .000 STD DEV 1.093
 VARIANCE 1.194 MINIMUM .000 MAXIMUM 5.000

Question 13B If there are any children under 16 in your household, how many of them fish?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| | 0 | 635 | 64.0 | 64.7 | 64.7 |
| | 1 | 161 | 16.2 | 16.4 | 81.1 |
| | 2 | 142 | 14.3 | 14.5 | 95.6 |
| | 3 | 34 | 3.4 | 3.5 | 99.1 |
| | 4 | 8 | .8 | .8 | 99.9 |
| | 5 | 1 | .1 | .1 | 100.0 |
| | 99 | 11 | 1.1 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |
| MEAN | .595 | MEDIAN | .000 | STD DEV | .926 |
| VARIANCE | .857 | MINIMUM | .000 | MAXIMUM | 5.000 |

Question 14A How many adults over 65 are there in your household?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| | 0 | 922 | 92.9 | 94.2 | 94.2 |
| | 1 | 37 | 3.7 | 3.8 | 98.0 |
| | 2 | 17 | 1.7 | 1.7 | 99.7 |
| | 3 | 2 | .2 | .2 | 99.9 |
| | 4 | 1 | .1 | .1 | 100.0 |
| | 99 | 13 | 1.3 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |
| MEAN* | .083 | MEDIAN | .000 | STD DEV | .368 |
| VARIANCE | .135 | MINIMUM | .000 | MAXIMUM | 4.000 |

Question 14B If there are any adults over 65 in your household, how many of them fish?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| | 0 | 939 | 94.7 | 95.9 | 95.9 |
| | 1 | 32 | 3.2 | 3.3 | 99.2 |
| | 2 | 7 | .7 | .7 | 99.9 |
| | 3 | 1 | .1 | .1 | 100.0 |
| | 99 | 13 | 1.3 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |
| MEAN | .050 | MEDIAN | .000 | STD DEV | .261 |
| VARIANCE | .068 | MINIMUM | .000 | MAXIMUM | 3.000 |

Question 15 Which of the following categories best represents your annual household income before taxes?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|----------------|--------|-----------|---------|---------------|-------------|
| 0-5,000 | 1 | 9 | .9 | 1.0 | 1.0 |
| 5,001-10,000 | 2 | 16 | 1.6 | 1.7 | 2.7 |
| 10,001-15,000 | 3 | 41 | 4.1 | 4.5 | 7.2 |
| 15,001- 20,000 | 4 | 46 | 4.6 | 5.0 | 12.2 |
| 20,001-25,000 | 5 | 69 | 7.0 | 7.5 | 19.8 |
| 25,001-30,000 | 6 | 93 | 9.4 | 10.2 | 29.9 |
| 30,001-35,000 | 7 | 103 | 10.4 | 11.2 | 41.2 |
| 35,001-40,000 | 8 | 91 | 9.2 | 9.9 | 51.1 |
| 40,001-45,000 | 9 | 66 | 6.7 | 7.2 | 58.3 |
| 45,001-50,000 | 10 | 107 | 10.8 | 11.7 | 70.0 |
| 50,001-60,000 | 11 | 105 | 10.6 | 11.5 | 81.4 |
| 60,001-70,000 | 12 | 60 | 6.0 | 6.6 | 88.0 |
| 70,001-80,000 | 13 | 45 | 4.5 | 4.9 | 92.9 |
| 80,001-90,000 | 14 | 16 | 1.6 | 1.7 | 94.7 |
| 90,001-100,000 | 15 | 13 | 1.3 | 1.4 | 96.1 |
| >100,000 | 16 | 36 | 3.6 | 3.9 | 100.0 |
| | 0 | 61 | 6.1 | MISSING | |
| | 77 | 15 | 1.5 | MISSING | |
| | | ----- | | ----- | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 8.536 | MEDIAN | 8.000 | STD DEV | 3.412 |
| VARIANCE | 11.641 | MINIMUM | 1.000 | MAXIMUM | 16.000 |

Question 16 Please circle the highest number of years of education that you have completed?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|--------|-----------|---------|---------------|-------------|
| | 5 | 1 | .1 | .1 | .1 |
| | 6 | 1 | .1 | .1 | .2 |
| | 7 | 5 | .5 | .5 | .7 |
| | 8 | 26 | 2.6 | 2.7 | 3.4 |
| | 9 | 46 | 4.6 | 4.7 | 8.2 |
| | 10 | 79 | 8.0 | 8.2 | 16.3 |
| | 11 | 92 | 9.3 | 9.5 | 25.8 |
| | 12 | 313 | 31.6 | 32.3 | 58.1 |
| | 13 | 79 | 8.0 | 8.2 | 66.3 |
| | 14 | 96 | 9.7 | 9.9 | 76.2 |
| | 15 | 66 | 6.7 | 6.8 | 83.0 |
| | 16 | 84 | 8.5 | 8.7 | 91.6 |
| | 17 | 32 | 3.2 | 3.3 | 94.9 |
| | 18 | 27 | 2.7 | 2.8 | 97.7 |
| | 19 | 12 | 1.2 | 1.2 | 99.0 |
| | 20 | 10 | 1.0 | 1.0 | 100.0 |
| | 0 | 23 | 2.3 | MISSING | |
| | | ----- | | ----- | |
| TOTAL | | 992 | 100.0 | 100.0 | |
| MEAN | 12.785 | MEDIAN | 12.000 | STD DEV | 2.541 |
| VARIANCE | 6.458 | MINIMUM | 5.000 | MAXIMUM | 20.000 |

Question 17 How many hours do you normally work for pay each week?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-------|------|-----|---------|-------|------|-----|---------|-------|------|-----|---------|
| 0 | 104 | 11 | 11 | 26 | 2 | 0 | 19 | 54 | 2 | 0 | 91 |
| 3 | 2 | 0 | 11 | 30 | 17 | 2 | 20 | 55 | 10 | 1 | 92 |
| 4 | 1 | 0 | 11 | 32 | 3 | 0 | 21 | 56 | 6 | 1 | 93 |
| 5 | 3 | 0 | 12 | 35 | 18 | 2 | 23 | 60 | 31 | 3 | 96 |
| 6 | 1 | 0 | 12 | 36 | 13 | 1 | 24 | 65 | 2 | 0 | 96 |
| 7 | 4 | 0 | 12 | 37 | 49 | 5 | 29 | 68 | 1 | 0 | 96 |
| 8 | 9 | 1 | 13 | 38 | 12 | 1 | 30 | 70 | 7 | 1 | 97 |
| 10 | 8 | 1 | 14 | 39 | 4 | 0 | 31 | 77 | 1 | 0 | 97 |
| 12 | 2 | 0 | 14 | 40 | 389 | 41 | 72 | 80 | 11 | 1 | 98 |
| 15 | 1 | 0 | 14 | 42 | 12 | 1 | 73 | 84 | 4 | 0 | 99 |
| 16 | 3 | 0 | 14 | 43 | 1 | 0 | 73 | 88 | 1 | 0 | 99 |
| 18 | 2 | 0 | 15 | 44 | 30 | 3 | 76 | 90 | 3 | 0 | 99 |
| 20 | 16 | 2 | 16 | 45 | 33 | 3 | 80 | 96 | 1 | 0 | 99 |
| 21 | 2 | 0 | 17 | 46 | 5 | 1 | 80 | 98 | 1 | 0 | 99 |
| 22 | 1 | 0 | 17 | 47 | 1 | 0 | 80 | 100 | 5 | 1 | 100 |
| 23 | 1 | 0 | 17 | 48 | 12 | 1 | 81 | 112 | 1 | 0 | 100 |
| 24 | 7 | 1 | 18 | 50 | 86 | 9 | 90 | 168 | 2 | 0 | 100 |
| 25 | 8 | 1 | 18 | 52 | 2 | 0 | 91 | | | | |

M I S S I N G D A T A

VALUE 99
FREQ 1

VALUE 999
FREQ 38

VALUE
FREQ

MEAN 37.559
VARIANCE 362.541

MEDIAN 40.000
MINIMUM .000

STD DEV 19.041
MAXIMUM 168.000

Question 18 What do you consider your main occupation to be?

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|----------------------------------|-------|-----------|---------|---------------|-------------|
| professional and technical | 1 | 168 | 16.9 | 17.4 | 17.4 |
| managerial | 2 | 79 | 8.0 | 8.2 | 25.6 |
| contractor | 3 | 3 | .3 | .3 | 25.9 |
| farming (farmer, rancher) | 4 | 40 | 4.0 | 4.1 | 30.1 |
| tradesman | 5 | 162 | 16.3 | 16.8 | 46.9 |
| transportation and communication | 6 | 57 | 5.7 | 5.9 | 52.8 |
| service occupations | 7 | 136 | 13.7 | 14.1 | 66.9 |
| retail sales | 8 | 8 | .8 | .8 | 67.7 |
| real estate | 9 | 5 | .5 | .5 | 68.3 |
| operative | 10 | 52 | 5.2 | 5.4 | 73.7 |
| armed forces | 11 | 5 | .5 | .5 | 74.2 |
| clerical | 12 | 24 | 2.4 | 2.5 | 76.7 |
| labourers (unskilled) | 13 | 31 | 3.1 | 3.2 | 79.9 |
| homemaker | 14 | 55 | 5.5 | 5.7 | 85.6 |
| student | 15 | 31 | 3.1 | 3.2 | 88.8 |
| retired | 16 | 42 | 4.2 | 4.4 | 93.2 |
| not in labour force | 17 | 10 | 1.0 | 1.0 | 94.2 |
| self-employed | 18 | 33 | 3.3 | 3.4 | 97.6 |
| miscellaneous | 19 | 23 | 2.3 | 2.4 | 100.0 |
| | 0 | 28 | 2.8 | MISSING | |
| TOTAL | | 992 | 100.0 | 100.0 | |

Question 19 How many days of paid vacation do you get each year?

| VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT | VALUE | FREQ | PCT | CUM PCT |
|-----------------------|---------|-----|---------|---------|--------|-----|---------|---------|---------|-----|---------|
| 0 | 317 | 34 | 34 | 17 | 2 | 0 | 65 | 37 | 1 | 0 | 98 |
| 2 | 2 | 0 | 34 | 20 | 109 | 12 | 77 | 40 | 1 | 0 | 98 |
| 3 | 2 | 0 | 34 | 21 | 70 | 7 | 84 | 44 | 1 | 0 | 98 |
| 4 | 2 | 0 | 34 | 22 | 2 | 0 | 85 | 49 | 1 | 0 | 98 |
| 5 | 1 | 0 | 34 | 23 | 2 | 0 | 85 | 50 | 4 | 0 | 99 |
| 6 | 3 | 0 | 35 | 24 | 2 | 0 | 85 | 60 | 3 | 0 | 99 |
| 7 | 15 | 2 | 36 | 25 | 59 | 6 | 91 | 70 | 1 | 0 | 99 |
| 8 | 2 | 0 | 37 | 26 | 1 | 0 | 91 | 75 | 2 | 0 | 99 |
| 9 | 1 | 0 | 37 | 27 | 1 | 0 | 92 | 80 | 1 | 0 | 100 |
| 10 | 56 | 6 | 43 | 28 | 14 | 1 | 93 | 90 | 1 | 0 | 100 |
| 12 | 8 | 1 | 44 | 30 | 34 | 4 | 97 | 100 | 1 | 0 | 100 |
| 13 | 1 | 0 | 44 | 31 | 1 | 0 | 97 | 110 | 1 | 0 | 100 |
| 14 | 116 | 12 | 56 | 33 | 1 | 0 | 97 | 186 | 1 | 0 | 100 |
| 15 | 82 | 9 | 65 | 35 | 7 | 1 | 98 | | | | |
| 16 | 5 | 1 | 65 | 36 | 3 | 0 | 98 | | | | |
| M I S S I N G D A T A | | | | | | | | | | | |
| VALUE | FREQ | | | VALUE | FREQ | | | | | | |
| 99 | 1 | | | 999 | 51 | | | | | | |
| MEAN | 13.073 | | | MEDIAN | 14.000 | | | STD DEV | 13.765 | | |
| VARIANCE | 189.467 | | | MINIMUM | .000 | | | MAXIMUM | 186.000 | | |

Question 20A I take time off work to go fishing

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| always | 1 | 54 | 5.4 | 6.0 | 6.0 |
| sometimes | 2 | 241 | 24.3 | 26.7 | 32.6 |
| seldom | 3 | 195 | 19.7 | 21.6 | 54.2 |
| never | 4 | 414 | 41.7 | 45.8 | 100.0 |
| | 0 | 88 | 8.9 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

Question 20B I could be working on days I take fishing trips

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| always | 1 | 108 | 10.9 | 12.1 | 12.1 |
| sometimes | 2 | 275 | 27.7 | 30.9 | 43.0 |
| seldom | 3 | 161 | 16.2 | 18.1 | 61.1 |
| never | 4 | 347 | 35.0 | 38.9 | 100.0 |
| | 0 | 101 | 10.2 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

Question 20C My job has flexible working hours

| VALUE LABEL | VALUE | FREQUENCY | PERCENT | VALID PERCENT | CUM PERCENT |
|-------------|-------|-----------|---------|---------------|-------------|
| always | 1 | 181 | 18.2 | 19.7 | 19.7 |
| sometimes | 2 | 313 | 31.6 | 34.0 | 53.7 |
| seldom | 3 | 150 | 15.1 | 16.3 | 70.0 |
| never | 4 | 276 | 27.8 | 30.0 | 100.0 |
| | 0 | 72 | 7.3 | MISSING | |
| | TOTAL | 992 | 100.0 | 100.0 | |

Appendix C: A Summary of Comments Provided by the Respondents

Space was left at the end of the questionnaire for additional written comments. A total of 658 respondents added comments to their form. These comments were broken down for ease of analysis into 4 basic categories: **(1) management, (2) environment, (3) fishing experience, and (4) the questionnaire.** The breakdown within these categories, and the response rate for each sub-category is outlined on the following page. The total of the listed comment categories is greater than 658 as each respondent could have a comment in more than one category.

(1) Management

The comments on management were for the most part an elaboration of the response to question 4, which asked about management options in the face of overfishing. In the original question, there was a response code for other, with listed responses showing as question 4a. The outline here is similarly broken down, with other management comments also appearing. A total of 140 comments appear that are directly related to the question, with an additional 116 related to the "other" section of the question.

The comments also show that some people are opposed to several of the options listed in the question. The largest opposition appears to be to any increase in the licence fees (19). This could be tempered somewhat, as there were several respondents who would agree with a higher fee if the fee was guaranteed to go to Fish and Wildlife. Those that showed a desire for bait fishing usually suggested that it was in the interest of their children, that bait fishing is easier for them. There was some opposition to stocking of particular fish species, however stocking is desired by a total of 40 respondents. There is a strong desire for stronger enforcement of the regulations, (40) and higher fines (4) for offenders, (see below under "other"). There are some who believe that the commercial and native fishing is destroying the recreational fishery, and that netting should be stopped or severely restricted (27 in total).

In the "other" section, far and away the greatest response was for a combination of the options listed in the question (72 of 116). In particular, there were many within this category that wanted a combination of better enforcement and higher fines. There was some comparison with other jurisdictions, with more thinking Alberta is bad in comparison, than those thinking Alberta is better. Understanding of the regulations seems to be a concern (10). The desire for better access (16) should not be considered as contrary to those wishing to restrict development (29) in the Environment category. The desire for better access is to existing areas, and in particular access for the elderly or handicapped. This also includes more shoreline access to larger water bodies in the region. The desire to restrict development was basically meant for wilderness areas, and against commercial facilities such as golf courses.

(2) Fishing Experience

Fishing experience refers to the enjoyment of the act of fishing, and not to how long the person has been fishing. The general trend of these comments is that catching fish is not nearly as important as the chance to get out of the city, spend time with the family, and provide a wholesome activity for their children, (44 total). There were also 14 people who feel that information about the quality of fishing at various locations is not sufficient. In

connection with the comparison of management with other jurisdictions, 24 persons stated that they no longer fish in Alberta, that the fishing was better elsewhere, including B.C. and Montana. On the other hand 9 thought the fishing in Alberta to be very good.

(3) Environment

Environmental concerns appeared in the comments, most often in relation to littering and general pollution levels at the fishing sites (49). This included water pollution, with specific mention of pulp mill pollution, but water quality was not mentioned as much as littering. As stated above, the development restriction (29) is applied to existing wilderness, or semi-wilderness areas. The poor habitat problem (13) included problems created by agriculture. The people who mentioned a need to raise water levels always were referring to a particular water body, such as Police Lake (twice).

(4) The Questionnaire

Comments concerning the questionnaire itself were mostly negative, except for the 27 who stated they were glad to be included in the survey. The largest complaint was that the survey did not cover the area where the respondent lived/fished. Many of these people also stated that they would appreciate a survey for their area of the province. The other major complaint referred to the fishing diary/trip log that was included as question 8. The general mood was that it would be more efficient and the response more accurate if the question was asked in advance of the fishing season. Many stated that they simply could not remember all of the information on their trips. However, along with the complaint, some stated that they will keep a fishing log from now on, in anticipation of any future surveys.

MANAGEMENT¹

Elaboration of response to Question 4

- Shorter season (opposed) (1)
- Size limit required (1)
- No bait fishing (2)
- Desire bait fishing (7)
- Increase licence fees (2)
- Do not increase licence fees (19)
- Increase stocking (unspecified) (32)
- Start stocking Bass (4)
- Opposed to stocking Bass (1)
- Start stocking Perch (1)
- Stock Perch and Walleye (2)
- Stock more Trout (1)
- Stock Walleye and Trout (1)
- More enforcement needed (40)
- Prefer catch and release (20)
- Do not agree with catch and release (2)
- Larger fines needed (4)

Elaboration to Question 4.9 (Other)

- No management needed (5)
- Combination of management techniques needed (72)
- Rotational closures desirable (4)
- Barbless hooks should be used (3)
- No commercial fishing in lakes (13)
- Smaller catch limits (7)
- Desire larger catch limits (2)
- Less netting of fish (10)

Other management comments

- Regulations are too hard to understand (10)
- Other provinces have better management (11)
- Alberta has better management than other provinces (3)
- Hatchery problems caused problems recently (3)
- Should control/restrict native fishing (4)
- Should restrict other activities (e.g. water-skiing) on fishing lakes (3)
- Alberta does a good job of managing its fish (12)
- Trout Unlimited does good work (2)
- Fines and licence fees should go directly to Fish and Wildlife (12)
- Too many studies/bureaucracy, not enough action (5)
- Need more fly-in camps (1)
- Need better access to existing areas (16)
- The fishing public needs to be better educated (14)

¹The numbers in brackets following each category are the number of responses for that category.

FISHING EXPERIENCE

- Fishing is a family recreation experience (20)
- Fish less than in the past (8)
- Have been too ill to fish recently (3)
- Want information on good fishing sites (14)
- Fish at one spot only (7)
- Don't plan my fishing trips (2)
- Usually fish outside of Alberta (24)
- Trips are a stress reliever, fishing is not a priority (24)
- The fishing in Alberta is good (9)
- The trip is for the sake of children (10)
- Not an avid fisherman (13)

ENVIRONMENT

- Fish and Wildlife stocks are declining (46)
- Raise water levels (6)
- Pollution and littering are major problems (49)
- Should not develop fishing sites (29)
- Habitat for fish is poor (13)
- Forestry practices cause problems (3)

QUESTIONNAIRE

- Should send out diary before the season (27)
- The survey does not apply to my area of the province (67)
- Do not understand the purpose of the survey (2)
- The questions are too vague or complicated (6)
- Do not appreciate questions about income or occupation (1)
- Glad to be a part of the survey (27)
- Cannot give only one response to many of the questions (11)

Fishing in Alberta



Recreation Today and in the Future

Fishing in Alberta: Recreation Today and in the Future

We would like to know what you think about Alberta's angling resources. What do you look for when choosing a fishing site in Alberta? Where do you go fishing? How often? Your answers to the following questions will help us understand your views of fishing in Alberta.

1. When you decide to go sportfishing, how important are the following factors in deciding **where you want to fish**? Please circle **one** response for each question to indicate if the reason is important or not.

| | Not Important | | Somewhat Important | | Very Important |
|--|---------------|---|--------------------|---|----------------|
| Good chance to catch trophy-sized fish: | 1 | 2 | 3 | 4 | 5 |
| Good chance to catch limit: | 1 | 2 | 3 | 4 | 5 |
| Good chance to catch a preferred species: | 1 | 2 | 3 | 4 | 5 |
| Knowing that the lake is stocked with fish: | 1 | 2 | 3 | 4 | 5 |
| Privacy from other anglers: | 1 | 2 | 3 | 4 | 5 |
| Natural beauty of surroundings: | 1 | 2 | 3 | 4 | 5 |
| Water quality: | 1 | 2 | 3 | 4 | 5 |
| Access to wilderness areas: | 1 | 2 | 3 | 4 | 5 |
| Site limited to fly fishing: | 1 | 2 | 3 | 4 | 5 |
| Distance from home: | 1 | 2 | 3 | 4 | 5 |
| Familiarity with the area: | 1 | 2 | 3 | 4 | 5 |
| Owning land or a cabin near the site: | 1 | 2 | 3 | 4 | 5 |
| Good road access to the site: | 1 | 2 | 3 | 4 | 5 |
| Site with boat access: | 1 | 2 | 3 | 4 | 5 |
| Picnic/Camping facilities at or near the site: | 1 | 2 | 3 | 4 | 5 |
| Friends or relatives live nearby: | 1 | 2 | 3 | 4 | 5 |

2. Please answer the following questions about trips to your **favorite fishing site**.

A. Approximately how many years have you fished at this site? _____ years

B. Approximately how many times have you visited this site in the past 5 years?
(please check **one** box below)

| NUMBER OF PREVIOUS VISITS (check one box): | | | | | |
|---|--|---------|--|--------------|--|
| Less than 5 | | 6 - 10 | | 11 - 15 | |
| 16 - 20 | | 21 - 30 | | More than 30 | |

C. How did you first become aware of this site?

D. What are the specific things about this site that you particularly enjoy?

3. Please answer each of the following questions about a **typical fishing trip** or what you **usually do when you go fishing**.

A. What type of transportation do you usually use to go from your home to a fishing site? Please check **one** of the following.

| TRANSPORTATION USED TO GET TO SITE (check one box): | | | |
|--|--------------------------|------------------------|--------------------------|
| Walk/Bicycle | <input type="checkbox"/> | Motorbike/ATV | <input type="checkbox"/> |
| Camper/R.V. | <input type="checkbox"/> | Car/Truck/Van | <input type="checkbox"/> |
| | | Other (please specify) | <input type="checkbox"/> |

B. How long do you stay at the site on your typical trip to a fishing site? Please check **one** of the following.

1-2 Hours Half Day Full Day 2-3 Days More Than 3 Days

C. Generally speaking, how **enjoyable** do you find the time spent travelling to the fishing site? Please circle **one** of the following.

| | Very Unenjoyable | | | | Very Enjoyable |
|---------------------------------------|------------------|---|---|---|----------------|
| Time spent travelling to the site is: | 1 | 2 | 3 | 4 | 5 |

D. What type of fishing do you **usually** do? Please check **one** of the following.

Bait Fishing Spin Casting Trolling Fly Fishing Ice Fishing

E. What method of fishing do you **usually** use? Please check **one** of the following.

From Shore Motorboat Canoe/Rowing Other

F. In pounds, approximately how much fish do you take home on a typical fishing trip? Please check **one** of the following.

Less than 1 lb 1-4 lbs. 5-10 lbs. More than 10 lbs.

G. Approximately how many years of fishing experience do you have? _____ years

H. Do you practice catch-and-release fishing? YES NO

I. How far ahead do you usually plan fishing trips? Please check **one** of the following.

| I USUALLY PLAN FISHING TRIPS (check one box): | | | | | |
|--|--------------------------|------------------|--------------------------|--------------------------|--------------------------|
| On the Same Day | <input type="checkbox"/> | Day Before | <input type="checkbox"/> | Few Days Before | <input type="checkbox"/> |
| A Week Before | <input type="checkbox"/> | Few Weeks Before | <input type="checkbox"/> | More Than a Month Before | <input type="checkbox"/> |

J. Who do you **usually** go fishing with? Please check **one** of the following.

Spouse Friends Family Nobody

4. If overfishing becomes a problem in Alberta lakes and rivers, which of the following management options would you most like to see used to address the problem? Please check **one** of the following.

| MANAGEMENT OPTION I WOULD USE (check one box): | | | | | |
|---|--------------------------|-----------------------------|--------------------------|------------------|--------------------------|
| Shorter Season | <input type="checkbox"/> | Size Limit | <input type="checkbox"/> | No Bait Fishing | <input type="checkbox"/> |
| Increase Licence Fees | <input type="checkbox"/> | Increase Stocking | <input type="checkbox"/> | More Enforcement | <input type="checkbox"/> |
| Catch and Release | <input type="checkbox"/> | Larger Fines for Violations | <input type="checkbox"/> | Other | <input type="checkbox"/> |

5. How much do you spend on fishing over a typical fishing season? (include all costs, such as vehicle costs (gasoline, oil, etc.), license costs, food/accomodation costs, bait costs, etc.). Please check the category below which best represents the amount you spend on fishing.

| AMOUNT SPENT ON FISHING PER SEASON (check one box): | | | | | |
|--|--------------------------|---------------|--------------------------|-----------------|--------------------------|
| \$0 - \$50 | <input type="checkbox"/> | \$51 - \$100 | <input type="checkbox"/> | \$101 - \$200 | <input type="checkbox"/> |
| \$201 - \$300 | <input type="checkbox"/> | \$301 - \$500 | <input type="checkbox"/> | More Than \$500 | <input type="checkbox"/> |

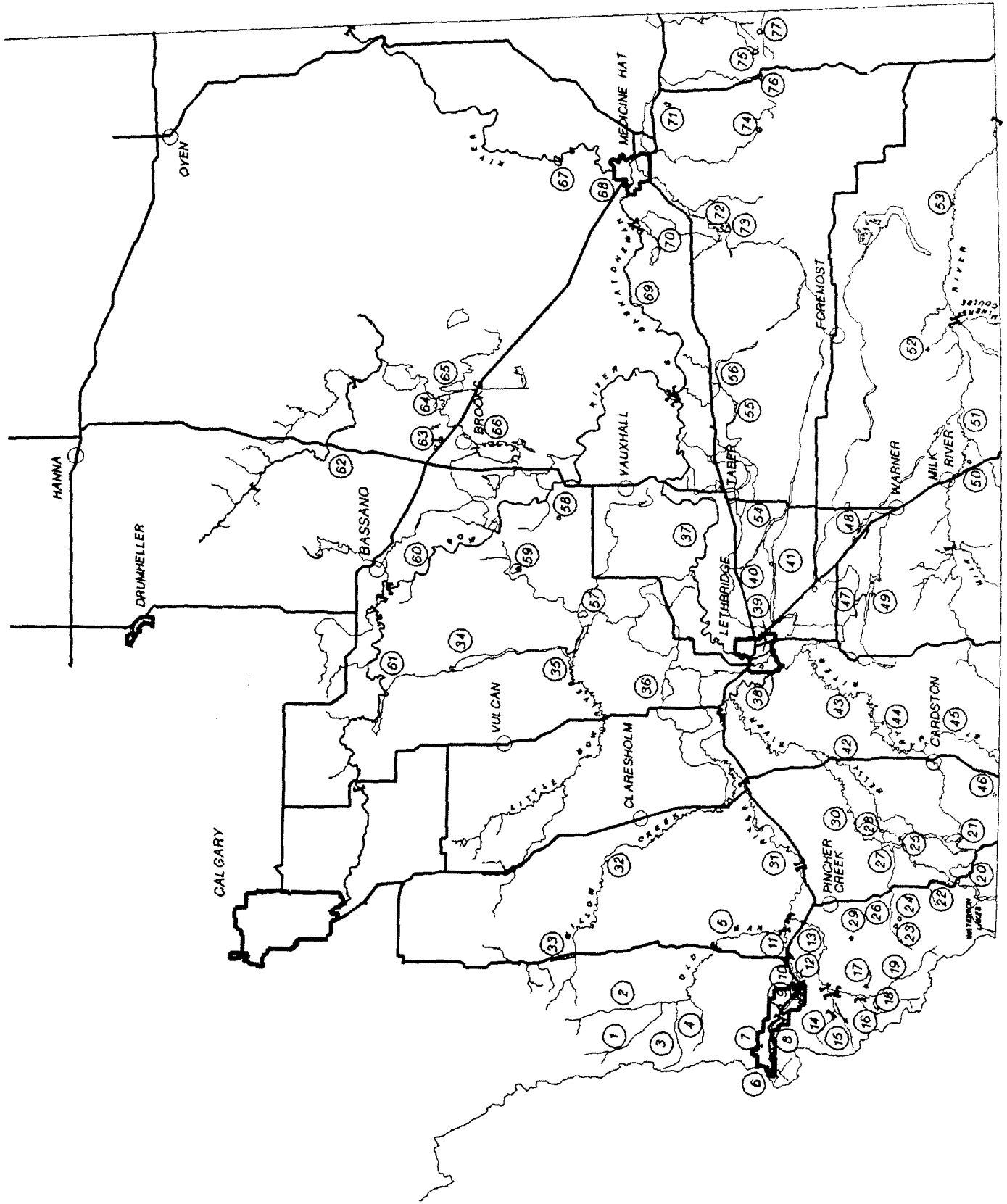
6. Did you go sportfishing in Alberta in 1990? Please check **one** box below.

YES NO

If NO (you did not go fishing in Alberta in 1990), please go to **Question 10** on page 8.

If YES (you did go fishing in Alberta in 1990), please continue.
The next 4 pages of questions are very important.
Please try your best to answer them as completely as possible.





7. Which of the following fishing sites have you ever visited or heard of as a fishing site? (place a check mark beside every site that you have visited or heard of). A map of these sites is provided on the page above and a more detailed map can be found at the end of this survey.

UPPER OLDMAN RIVER AREA

- 1 ___ Upper Oldman River (NW Branch)
- 2 ___ Livingstone River
- 3 ___ Dutch Creek
- 4 ___ Racchorse Creek
- 5 ___ Oldman River-Hwy 22 Bridge to Peigan Reserve

CROWSNEST RIVER AREA

- 6 ___ Crowsnest Lake
- 7 ___ Allison (Chinook) Lake
- 8 ___ Crowsnest River-Headwaters to Blairmore (Legion Bridge)
- 9 ___ Crowsnest River-Blairmore to Passberg Bridge (Byron Cr.)
- 10 ___ Crowsnest River-Passberg Bridge to Lundbreck Falls
- 11 ___ Crowsnest River-Lundbreck Falls to mouth (Blairmore-Pincher Creek Areas)
- 12 ___ Burmis Lake
- 13 ___ Castle River

CASTLE RIVER AREA

- 14 ___ Lynx Creek
- 15 ___ Carbondale River
- 16 ___ West Castle River
- 17 ___ Beavermines Lake
- 18 ___ Barnaby (Southfork) Lake
- 19 ___ South Castle River

WATERTON LAKES AREA

- 20 ___ Crooked Creek
- 21 ___ Miami (Paine) Lake
- 22 ___ Cottonwood Creek

PINCHER CREEK AREA

- 23 ___ Bathing Lake
- 24 ___ Butcher Lake
- 25 ___ Dipping Vat Lake
- 26 ___ Drywood Creek
- 27 ___ Waterton Reservoir
- 28 ___ Cochrane Lake

- 29 ___ Beauvais Lake
- 30 ___ Waterton River
- 31 ___ Oldman River-near Fort MacLeod

CLARESHOLM AREA

- 32 ___ Willow Creek
- 33 ___ Chain Lake

VULCAN AREA

- 34 ___ McGregor Reservoir
- 35 ___ Travers Reservoir

LETHBRIDGE AREA

- 36 ___ Keho Lake
- 37 ___ Oldman River-Monarch to Forks
- 38 ___ Nicholas Sheran Park Lake (in the city of Lethbridge)
- 39 ___ Henderson Lake (in the city of Lethbridge)
- 40 ___ Stafford Reservoir
- 41 ___ McQuillan Lake

CARDSTON AREA

- 42 ___ Belly River
- 43 ___ St. Mary River-Upper to Reservoir
- 44 ___ St. Mary Reservoir
- 45 ___ St. Mary River-Below Reservoir
- 46 ___ Police (Outpost) Lake

MILK RIVER-WARNER AREA

- 47 ___ Cross Coulee Reservoir
- 48 ___ Tyrrell Lake
- 49 ___ Milk River Ridge Reservoir
- 50 ___ Goldsprings Park Pond
- 51 ___ Milk River - mouth of the N. Milk River to Miners Coulee Creek
- 52 ___ Heninger Reservoir
- 53 ___ Milk River -Miners Coulee Creek to Montana Border

TABER AREA

- 54 ___ Chin Reservoir
- 55 ___ Sherburne Reservoir
- 56 ___ Unnamed Lake South of Burdett

VAUXHALL AREA

- 57 ___ Little Bow Reservoir
- 58 ___ Stonehill Lake
- 59 ___ Badger Reservoir

BASSANO AREA

- 60 ___ Bow River-Bassano Dam to mouth
- 61 ___ Bow River-Carsland to Bassano
- 62 ___ Red Deer River-Finegan to Dinosaur Provincial Park

BROOKS AREA

- 63 ___ Brook's Childrens Pond
- 64 ___ Cowoki Reservoir
- 65 ___ Tilly B Reservoir
- 66 ___ Lake Newell

MEDICINE HAT AREA

- 67 ___ S. Saskatchewan River-Rattlesnake to Saskatchewan Border
- 68 ___ Echo Dale Regional Park Pond (in the city of Medicine Hat)
- 69 ___ South Saskatchewan River-Forks to Rattlesnake
- 70 ___ Rattlesnake/Sauder Reservoir
- 71 ___ Cavan Lake
- 72 ___ Michell Reservoir
- 73 ___ Murray Reservoir
- 74 ___ Bullshhead Reservoir
- 75 ___ Spruce Coulee Reservoir
- 76 ___ Elkwater Lake
- 77 ___ Reesor Lake

8. For each fishing trip you took between **May 1, 1990 and October 31, 1991**, please complete the following information. If you do not recall the exact details, please provide your best guess. If you took more than 15 trips, please list the first 15. **NOTE: This information is very important, please try your best to complete this section and the section below.**

| Trip No. | Site Name (If in Southern Region, see list of sites provided) | Distance From Home To Site (miles one way) | Party Size (number in group) | Fish Species Sought (eg. trout, pike) | Number Caught / Number Released | Type of Water Body (lake, stream, etc.) |
|----------|--|---|---------------------------------|--|------------------------------------|--|
| Example | Keho Lake (55) | 120 mi. | 2 | Walleye | 2 caught/0 released | lake |
| 1 | | mi. | | | | |
| 2 | | mi. | | | | |
| 3 | | mi. | | | | |
| 4 | | mi. | | | | |
| 5 | | mi. | | | | |
| 6 | | mi. | | | | |
| 7 | | mi. | | | | |
| 8 | | mi. | | | | |
| 9 | | mi. | | | | |
| 10 | | mi. | | | | |
| 11 | | mi. | | | | |
| 12 | | mi. | | | | |
| 13 | | mi. | | | | |
| 14 | | mi. | | | | |
| 15 | | mi. | | | | |

If you took more than 15 fishing trips during the 1990 fishing season, how many trips in total did you take? _____ TRIPS

9. The calendar below represents the months of May to October of 1990. For each fishing trip you described above please indicate the dates that you took these trips on. Please draw a line through the days that you spent on the trip and number the trip.

For example, if your first fishing trip was on Monday, the 2nd, and the on the second trip you went on Saturday the 7th and stayed until Sunday the 8th, your response would look like:

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|----------|----------|-----|-----|-----|-----|----------|
| 1 | <u>2</u> | 3 | 4 | 5 | 6 | <u>7</u> |
| <u>8</u> | 9 | 10 | 11 | 12 | 13 | 14 |

MAY, 1990

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

JUNE, 1990

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

JULY, 1990

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

AUGUST, 1990

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

SEPTEMBER, 1990

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | 1 |
| 2 | 3 | 4 | | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |

OCTOBER, 1990

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

We would like to know some things about you and your family. The answers to these questions tell us about the people who use Alberta's fishery resources.

10. What is your place of residence (nearest city or town): _____

11. Are you male or female (check one): Male Female

12. What is your age? ____ years

13. How many children under the age of 16 are there in your household? _____ children

If there are children under 16 in your household, how many of them fish? _____ children.

14. How many adults over 65 are there in your household? _____ adults

If there are adults over 65 in your household, how many of them fish? _____ adults.

15. Which of the following categories best represents your annual household income before taxes? (please check one category)

| ANNUAL HOUSEHOLD INCOME BEFORE TAXES (check one box): | | | | | | | |
|---|--|---------------|--|----------------|--|--------------------|--|
| \$0-\$5000 | | \$5001-10000 | | \$10001-15000 | | \$15001-20000 | |
| \$20001-25000 | | \$25001-30000 | | \$30001-35000 | | \$35001-40000 | |
| \$40001-45000 | | \$45001-50000 | | \$50001-60000 | | \$60001-70000 | |
| \$70001-80000 | | \$80001-90000 | | \$90001-100000 | | More Than \$100000 | |

16. Please circle the highest number of years of education that you have completed (circle one only number below).

Elementary 1 2 3 4 5 6 7 8 9

High School 10 11 12

Postsecondary (University or Technical School) 13 14 15 16 17 18 19 20+

17. How many hours do you normally work for pay each week? _____ hours

18. What do you consider your main occupation to be?

19. How many days of paid vacation do you get each year? _____ days

20. How well do each of the following statements apply to you? Please circle the appropriate number for each question.

| | Always | Sometimes | Seldom | Never |
|---|--------|-----------|--------|-------|
| I take time off work to go fishing | 1 | 2 | 3 | 4 |
| I could be working on days I take fishing trips | 1 | 2 | 3 | 4 |
| My job has flexible working hours | 1 | 2 | 3 | 4 |

If you have any other comments or concerns, please do not hesitate to write them on any page of this survey or in the space below.

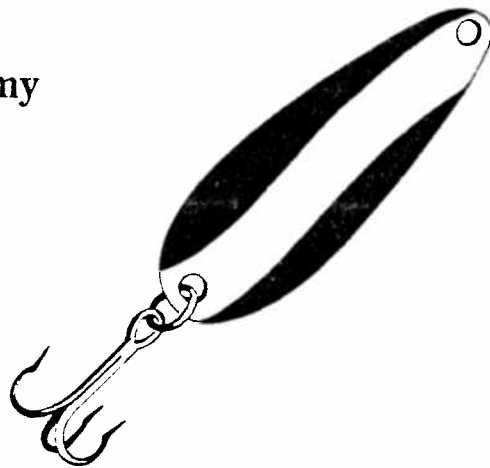
Thank you for completing this survey. Your cooperation is essential to manage Alberta's fishery resources effectively. A card has been included in your envelope. This card is an entry form for our prize draw. If you wish to enter this draw, please write your name and address on this card. The card will be separated from your survey when we receive it so that your responses will remain confidential. Please return this survey, and the card, in the stamped - self addressed envelope to:

The Department of Rural Economy

University of Alberta

Edmonton, Alberta

T6G 2H1



Thank you again for your help.

If you have questions about this survey please call Vic Adamowicz, Department of Rural Economy, University of Alberta at 403-492-4603 or Peter Boxall, Alberta Fish and Wildlife Division at 403-422-4771.

Fishing Sites in Southern Alberta

[] These brackets identify sections of a river that are distinct fishing sites.

