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Survey on the Importance of Nature to Canadians in 1996

Microdata User Guide

Special Surveys Division

??? 1999

2.0 Background

The Survey on the Importance of Nature to Canadians (the Nature Survey) is the result of a partnership of 16 federal, provincial and territorial government agencies responsible for wildlife, water, forestry, tourism, and parks and protected areas. The 1996 survey was designed to update and enhance information from surveys co-sponsored by similar partnerships in 1981, 1987 and 1991 under the name 'Survey on the Importance of Wildlife to Canadians'. The Nature Survey included questions similar to those in previous surveys on wildlife related activities and recreational fishing. It was expanded to include a new set of questions on outdoor activities in natural areas such as camping and boating, among others. The survey questionnaire was carefully designed to avoid double-counting of the same days, trips and dollars by distinguishing main and secondary reasons for participation in an activity.

A new dimension was introduced by including questions on the locations at which various nature-related activities took place. This will allow new policy and program needs to be met by enabling analyses of results by regions of interest to survey partners, such as ecozones, drainage basins, and sub-provincial management regions, among many others.

For an overview of the key findings of the survey and a guide to comparing results with those from previous surveys, the reader can consult the report untitled The Importance of Nature to Canadians: Survey highlights (1999) , published by Environment Canada and available at www.ec.gc.ca/nature/survey.htm.

1.0 Introduction

The Survey on the Importance of Nature to Canadians in 1996 was conducted by Statistics Canada between the months of February and June 1997 with the cooperation and support of Environment Canada and 14 other federal, provincial and territorial partners. This manual has been produced to facilitate the manipulation of the microdata file of the survey results.

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3.0 Objectives

The objectives of the Survey on the Importance of Nature to Canadians were to:

measure the social and economic importance of nature to Canadians by collecting information on nature-related activities, including activities such as viewing, studying and photographing nature, camping, and various nature-related sports such as hiking, boating, hunting and fishing

provide basic, accurate and reliable data on nature-related activities that are homogenous across provincial/territorial boundaries

with the help of the information from the survey, develop programs for the protection and sustainable use of the natural environment.

4.0 Concepts and Definitions

This chapter outlines concepts and definitions of interest to users of information from this microdata file. Users are referred to Chapter 12 of this document for a copy of the actual survey questions used.

___: Includes costs of campgrounds, cabins, lodges, hotels, motels, resorts, etc.

_: This refers to the number of days spent on an activity. One day is defined as all or any part of a calendar day (24 hours or less).

___: Includes equipment that was personally purchased for a given activity in Canada in 1996, such as:

general outdoor equipment (cameras and accessories, recording equipment, binoculars, bikes, camping gear, special clothing, footwear, luggage, backpacks, etc.)
skiing (skis, ski boots, ski clothing, other ski equipment, etc.)
snowmobiling (snowmobiles, snowmobiling clothing, other snowmobiling equipment, etc.)
hunting (guns and accessories, game carriers, calls, dogs, decoys, etc.)
fishing (rods, reels, other fishing equipment, etc.)
boats/Motors (boats, canoes, kayaks, sailboats, boat motors, etc.)
vehicles (trucks, campers, Rvs/motorhomes, ATVs, etc.)
any other equipment

_: Fish found in fresh and salt water (lakes, rivers, streams, oceans or other natural water bodies); for example, salmon, cod, trout, walleye, perch, pike, smelt, etc.

___: Includes food and beverages bought at stores and restaurants.

___: Large landscape of trees (woodlands) and smaller concentrations of trees in rural and urban areas.

_ Searching for, pursuing, stalking, trailing or lying in wait for game which may or may not be harvested. In the survey, hunting taking place as the main activity is distinguished from hunting that takes place as a secondary activity on trips taken for outdoor activities in natural areas.

____An activity that allows the participant to experience nature indirectly. Indirect nature-related activity includes reading about nature, watching films or television programs about nature, purchasing art, crafts or posters of nature, visiting zoos, game farms, aquariums or natural history museums,

joining or contributing to naturalist, conversation or sportsmen's clubs and maintaining, restoring or purchasing land for conservation.

___ The Labour Force Survey provides information about the occupation and industry attachment of employed persons. These statistics are based on the 1980 Standard Occupational Classification and the 1980 Standard Industrial Classification.

___: Deer, bear, cougar, moose, mountain sheep, caribou, seals, whales, etc.

_: The place at which a participant took part in nature-related activities. Participants were asked to name the province, nearest city, town or village and distance from their residence of the major locations for their nature-related activities.

__: Areas at which outdoor activities take place. Natural areas include forests, water bodies, wetlands, open fields and other areas.

___: A recreational activity that includes, in some form, either direct or indirect contact with nature. Outdoor activity in natural areas, residential wildlife-related activity, wildlife viewing, recreational fishing, hunting, and indirect nature-related activity are included in this category.

__: Cultivated fields, grasslands, prairies.

__: Birds other the waterfowl such as robins, sparrows, warblers, hawks, owls, grouse, partridge, pheasants, etc.

___: Includes recreation and entertainment costs (licenses, entry fees, guide fees, etc.), retail purchases (souvenirs, books, magazines, film, and photographic services, equipment rental and repairs, batteries, etc.) And special items for hunting (ammunition, dog maintenance) or fishing (bait, tackle, line, etc.).

____: Scrubland, desert, caves, cliffs, mountains, etc.

__: All remaining wildlife not covered in the other definitions such as butterflies, frogs, snakes, lizards, etc.

_____: One or more of 17 specified recreational activities that take place on trips to natural areas such as forests, water bodies, wetlands, open fields and other areas such as scrub lands and caves. Types of outdoor activities included are: sightseeing in natural areas, photographing natural areas, gathering nuts, berries or firewood, picnicking, camping, swimming/beach activity, canoeing/kayaking/sailing, power boating, hiking/backpacking, climbing, horse-back riding, cycling, off-road vehicle use, downhill skiing, cross-country skiing/snowshoeing, snowmobiling and relaxing in an outdoor setting.

__: Refers to an occurrence when the respondent left his residence for a given activity and spent at least one night away from home.

___: Catching or attempting to catch fish for non-commercial purposes. In the survey, recreational fishing takes place as the main activity on trips is

distinguished from fishing as a secondary activity on trips taken for outdoor activities in natural areas.

_____: Activities that take place around the residence, and involve watching, photographing, feeding or studying wildlife, or maintaining shrubs, plants or birdhouses for wildlife.

__: Refers to an occurrence when the respondent left his residence for a given activity and returned on the same day.

__: Rabbits, squirrels, raccoons, foxes, groundhogs, beavers and other fur-bearers

____: Includes costs to operate private vehicles (gas and repairs of autos, private boats, planes, RVs, etc.), vehicle rental (rental and insurance costs for autos, boats, trucks, RVs, etc.), local transportation (including taxis, city buses, etc.), fares for air planes, boats, trains and buses.

__: Freshwater lakes, rivers and streams, the Pacific, Atlantic and Arctic Oceans.

_: Ducks, geese, herons, cranes, etc.

_: Marshes, swamps, potholes, bogs, etc.

_: Wild birds and other wild animals. The five types of wildlife include waterfowl, other wild birds, small and large mammals and other wildlife in a natural environment. It does not include pets or other domesticated animals, animals in zoos or game farms.

__: Watching, photographing, feeding, or studying wildlife on trips taken for the purpose of enjoying wildlife and natural areas. Wildlife encounters on trips taken for purposes such as vacation or business are excluded from the definition. In the survey, wildlife viewing taking place as the main activity on trips is distinguished from wildlife viewing that takes place as a secondary activity on trips taken for outdoor activities in natural areas.

5.0 Survey Methodology

The Survey on the Importance of Nature to Canadians was administered to a sub-sample of the dwellings that were in the Labour Force Survey (LFS) sample in the months of February, March and April 1997. As a result, the sample design is closely tied to that of the LFS. The LFS design is described in Chapters 5.1 through 5.5, while Chapter 5.6 indicates how the basic LFS design was modified for the Nature survey.

5.1

The LFS is a monthly household survey whose sample of individuals is representative of the civilian, non-institutionalized population 15 years of age or older in Canada's ten provinces, as well as the organized communities of the Yukon territory. Specifically excluded from the survey's coverage are residents of the Yukon outside of organized communities, residents of the Northwest Territories, persons living on Indian Reserves, full-time members of the Canadian Armed Forces and inmates of institutions. These groups together represent an exclusion of less than 2% of the population aged 15 or over.

5.2

The LFS has undergone an extensive redesign, culminating in the introduction of a new design at the end of 1994. The sample is based upon a stratified, multi-stage design employing probability sampling at all stages of the design. The design principles are the same for each province. A diagram summarizing the design stages appears in Chapter 5.2.6.

5.2.1 Primary Stratification

Provinces are divided into both economic regions (ERs) and employment insurance economic regions (EIERs). Economic regions are geographic areas of more or less homogeneous economic structure formed on the basis of federal provincial agreements. They are relatively stable over time. Employment insurance economic regions (EIERs) are also geographic areas, and are roughly the same size and number as ERs, but they do not share the

[1] Since 1992, the LFS has been administered in the Yukon, using an alternative methodology that accommodates some of the operational difficulties inherent to remote locales. To improve reliability due to small sample size, estimates are available on a three month average basis only. These estimates are not included in national totals for the LFS.

same definitions. Labour force estimates are produced for the EIER regions for the use of Human Resources Development Canada.

The intersections of the two types of regions form the first level of stratification for the LFS. These ER/EIER intersections are treated as primary strata and secondary stratification is carried out within them.

Types of Areas

Within the large primary strata, more detailed strata are formed without regard to geographical constraints. However, this stratification is dependent upon other characteristics. For this purpose, the LFS frame may be divided into rural areas, larger cities (of population 50,000+), and smaller urban areas.

There is one additional component of the frame. Approximately 1% of the LFS population is found in remote areas of provinces which are less accessible to LFS interviewers than other areas. For administrative purposes, this portion of the population is sampled separately through the remote area frame.

Secondary Stratification

In larger cities with sufficiently large numbers of apartment buildings, the strata are subdivided into apartment frames and area frames. The apartment list frame is a register which is based upon information supplied by Canadian Mortgage and Housing Corporation (CMHC) and is maintained for the 17 largest cities across Canada. The purpose of this is to ensure better representation of apartment dwellers in the sample as well as to minimize the effect of sample growth resulting from construction of new apartment buildings. In the major cities, the apartment strata are further stratified into low income strata and regular strata. In some cases, regular apartment strata are further subdivided according to apartment size.

Where it is possible and/or necessary, the larger city area frame is further stratified into regular and high income strata. Most urban areas fall into the regular urban strata, which, in fact, cover the majority of Canada's population. The introduction of high income strata is expected to make the representation of high income households more stable over time, and will aid in the collection of earnings information with the new LFS questionnaire.

In smaller urban areas, two stratification methods are applied. For most, EAs are grouped to form strata. For the very smallest urban areas (mostly those

[2]Some populations, not congregated in places of 25 or more people, are excluded from the sampling frame.

areas classified as self-representing in the old design) the stratification used is identical to that of the old design.

Within rural areas, further stratification is carried out, where necessary, in order to reflect the differences among a number of socio-economic characteristics.

Cluster Delineation and Selection

Within each strata, households are not selected directly. Instead, each stratum is divided into clusters, and then a sample of clusters is selected within the stratum. Dwellings are then sampled from selected clusters. Different methods are used to define the clusters, depending on the type of stratum.

In the largest urban areas, city blocks or block faces in the area frame are combined to produce clusters of 150 to 200 dwellings, on average. For apartment strata, instead of defining clusters, the apartment building is the primary sampling unit. In other urban areas where EAs are grouped to form strata, EAs are also used as clusters. For those smallest urban areas where strata are taken from the old design, so are the clusters. These clusters are also composed of block faces. For urban areas, Census Enumeration Areas (EAs) are usually used as clusters.

Apartment buildings are sampled from the large urban apartment list frame systematically with probability proportional to the number of units in each building.

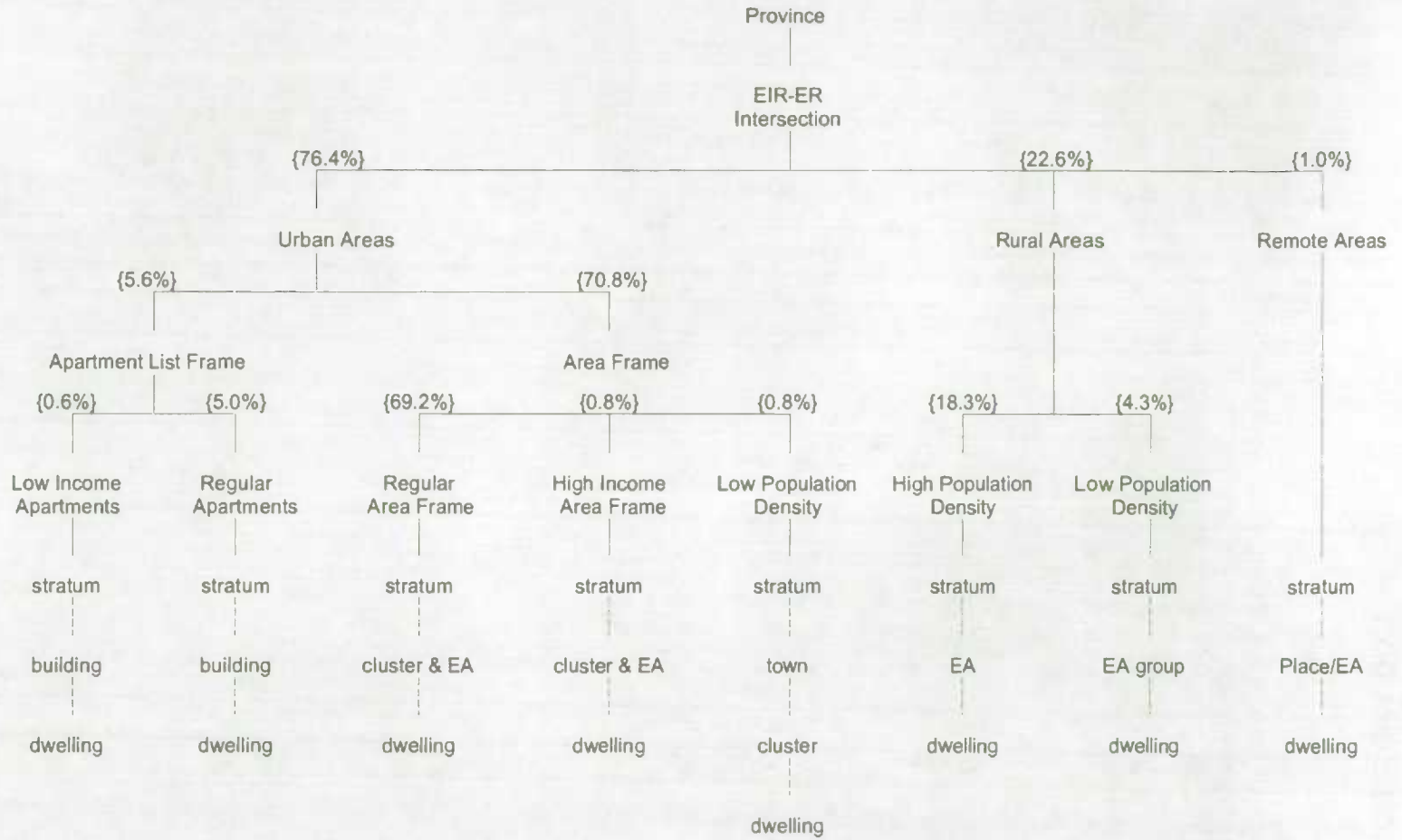
Dwelling Selection

In all areas, selected clusters are first visited by enumerators in the field and a listing of all private dwellings in the cluster is prepared. From the listing, the final stage of sampling, a systematic sample of dwellings, is performed. The sample yield depends on the type of stratum. For example, in the large urban area frame, sample yields are either 4, 6, or 8 dwellings. In the large urban apartment frame, each cluster yields 5 dwellings, in the smaller urban areas, each cluster yields 3 dwellings, and in rural clusters, usually 10 dwellings are chosen.

Person Selection

Demographic information is obtained for all persons for whom the selected dwelling is the usual place of residence. LFS information is obtained for all civilian household members 15 years of age or older. Response burden is minimized for the elderly (70 years of age or older) by carrying forward their responses for the initial interview to the subsequent five months in the survey.

Labour Force Survey Sample Design - 1995+



= level of stratification

= stage of sampling

EIR - Employment Insurance Region
ER - Economic Region
{%} - percentage of total sample

EA - Census Enumeration Area
cluster - set of block faces

The sample size of the LFS is determined so as to meet the statistical precision requirements for various labour force characteristics at the provincial and sub-provincial level, and to meet the requirements of federal, provincial and municipal governments as well as a host of other data users.

The monthly LFS sample consists of approximately 59,000 dwellings. After excluding dwellings found to be vacant, dwellings demolished or converted to non-residential uses, dwellings containing only ineligible persons, dwellings under construction, and seasonal dwellings, about 52,350 dwellings remain which are occupied by one or more eligible persons. From these dwellings, LFS information is obtained for approximately 102,000 civilians aged 15 or over.

The LFS employs a panel design whereby the entire monthly sample of dwellings consists of 6 panels, or rotation groups, of approximately equal size. Each of these panels is, by itself, representative of the entire LFS population. All dwellings in a rotation group remain in the LFS sample for 6 consecutive months after which time they are replaced (rotated out of the sample) by a new panel of dwellings selected from the same or similar clusters.

This rotation pattern was adopted to minimize any problems of non-response or respondent burden that would occur if households were to remain in the sample for longer than 6 months. It also has the statistical advantage of providing a common sample base for short-term month-to-month comparisons of LFS characteristics, since five of the six rotation groups in the LFS sample are common from month to month.

Because of the rotation group feature, it is possible to readily conduct supplementary surveys using the LFS design, but employing less than the full size sample.

The current LFS design for the Yukon differs quite markedly from the LFS design for the ten provinces. The regular LFS consists of six rotation groups rotating on a monthly basis, with one rotation group being replaced each month. The objective in the Yukon is to provide three-month moving averages of the main labour force characteristics. Thus, in the Yukon LFS, the rotation groups rotate quarterly, or every three months. Households are

interviewed eight times before rotating out of the sample; once every three months over a two-year period.

Four primary strata are created from the major urban centres. Within the largest strata, the city of Whitehorse, further stratification is carried out by grouping EAs, and then clusters are formed within these strata. In the other strata, the design is even simpler. Entire communities are selected, and then dwellings selected systematically from within these.

The total quarterly sample for the Yukon LFS is about 670 households. However, realized sample tend to be significantly smaller owing to the high vacancy rates found in the Yukon communities.

4.4 Modifications to the LFS design for the Nature Survey

The Nature Survey used five of the six rotation groups in the February 1997 provincial LFS sample, and all eight of the rotation groups in the February/March/April 1997 Yukon sample. All members 15 years old and over of responding LFS households were mailed the Nature Survey questionnaire.

4.5 Sample Size by Province for the Nature Survey

The following table shows the number of persons in the LFS sampled rotations who were eligible for the Nature Survey.

PROVINCE	SAMPLE SIZE
Newfoundland	3,595
Prince Edward Island	2,325
Nova Scotia	5,715
New Brunswick	5,558
Quebec	16,960
Ontario	26,025
Manitoba	6,088
Saskatchewan	5,128
Alberta	6,524
British Columbia	7,789
Yukon	1,244
CANADA	86,951

6.0
Data Collection

The Survey on the Importance of Nature to Canadians was carried out as a supplement to the Labour Force Survey (LFS). The LFS data collection methodology is described in Chapters 6.1 through 6.3, while Chapter 6.4 describes how the LFS methodology was modified for use in the Nature Survey.

Interviewing for the LFS

Data collection for the LFS is carried out each month using the computer-assisted method during the week following the LFS reference week, usually the third week of the month.

Statistics Canada interviewers, who are part-time employees hired and trained specifically to carry out the LFS, contact each of the sampled dwellings to obtain the required labour force information. Each interviewer contacts approximately 70 dwellings per month.

Dwellings new to the sample are contacted through a personal visit. The interviewer first obtains socio-demographic information for each household member and then obtains labour force information for all eligible members. All interviews are conducted using a notebook computer. Provided there is a telephone in the dwelling and permission has been granted, subsequent interviews are conducted by telephone. As a result, approximately 85% of all dwellings are interviewed by telephone. In these subsequent monthly interviews, as they are called, the interviewer confirms the socio-demographic information collected in the first month and collects the labour force information for the current month.

In all dwellings, information about all household members is obtained from a knowledgeable household member - usually the person at home when the interviewer calls. Such 'proxy' reporting, which accounts for approximately 55% of the information collected, is used to avoid the high cost and extended time requirements that would be involved in repeat visits or calls necessary to obtain information directly from each respondent.

At the conclusion of the LFS monthly interviews, interviewers introduce the supplementary survey(s), if any, to be administered to some or all household members that month.

If, during the course of the six months that a dwelling normally remains in the sample, an entire household moves out and is replaced by a new household, information is obtained about the new household for the remainder of the six-month period.

All LFS interviewers are under the supervision of a staff of senior interviewers who are responsible for ensuring that interviewers are familiar with the concepts and procedures of the LFS and its many supplementary surveys, and also for periodically monitoring their interviewers and reviewing their completed documents. The senior interviewers are, in turn, under the supervision of the LFS program managers, located in each of the six Statistics Canada regional offices.

Interviewers are instructed to make all reasonable attempts to obtain LFS interviews with members of eligible households. For individuals who at first refuse to participate in the LFS, a letter is sent from the Regional Office to the dwelling address stressing the importance of the survey and the household's cooperation. This is followed by a second call (or visit) from the interviewer. For cases in which the timing of the interviewer's call (or visit) is inconvenient, an appointment is arranged to call back at a more convenient time. For cases in which there is no one home, numerous call backs are made. Under no circumstances are sampled dwellings replaced by other dwellings for reasons of non-response.

Each month, after all attempts to obtain interviews have been made, a small number of non-responding households remain. For households non-responding to the LFS and for which LFS information was obtained in the previous month, this information is brought forward and used as the current month's LFS information. No supplementary survey information is collected for these households.

The Nature Survey was conducted as a supplement to the February 1997 LFS, but not at the same time as the LFS interview. What follows describes how the LFS data collection methodology was modified for use in the Nature Survey.

Questionnaire Design and Testing

The design of the Nature Survey questionnaire was formulated by Statistics Canada and a Federal-Provincial-Territorial Task Force representing survey

sponsors. It is an update and enhancement of the questionnaire for the 1991 Survey on the Importance of Wildlife to Canadians. An outline of the structure and content of the Nature Survey questionnaire is provided below, followed by a description of the testing of the survey instrument in focus groups. The final questionnaire is included in Chapter 13.

Before beginning the questionnaire, respondents were instructed to answer a number of screening questions to make sure they did not report the same days, trips and dollars in more than one section of the questionnaire. They were also provided with important definitions needed to answer the questions. The questions covered participation in nature-related activities in the calendar year 1996.

Section A of the questionnaire contained questions aimed at all respondents. The questions dealt with participation in indirect nature-related activities (questions A1), interest in participating in nature-related activities (question A2), involvement in nature-related organizations and associated expenditures on membership and donations (questions A3-A4), and the maintenance of land for conservation and associated costs (questions A5-A6).

Section B of the questionnaire (questions B1-B15) dealt with outdoor activities in natural areas in Canada. Respondents were asked to complete this section only if they had taken trips during 1996 for the main reason of participating in one or more of 17 specified outdoor activities. Included were questions on same-day and overnight trip taken, days spent in province/territory and outside, the money spent on these activities, and additional amounts of money they would have been willing to spend before deciding not to participate (consumer surplus). Then respondents were asked to identify up to four locations at which they participated in these outdoor activities. For each location visited they were asked to specify: the province or territory, the nearest city town or village, the name of any park or protected area at this location, the distance of the location from home, the number of same-day and overnight trips taken to the location, the days spent at the location, and the mix of 17 specified outdoor activities in which they participated on their visits. Respondents were also asked to indicate if fish

[3] The questionnaire for the 1996 Nature Survey included questions similar in many respect to those used in the 1981, 1987 and 1991 Wildlife Survey. For example, question wording in the sections on Trips Taken to Watch, Feed, Photograph or Study Wildlife, Fishing for Recreation, Hunting waterfowl, Other Birds, Small Mammals and Large Mammals, and other sections in the two surveys may appear to be very similar. However, as a result of changes and enhancements made to the 1996 questionnaire, differences between the 1996 and the previous surveys may be due in part to changes in the questionnaire and not necessarily to actual increases or decline in participation in those activities over time. Guidelines for taking these and other changes and enhancements to the questionnaire into account when making comparisons are provided in the report, "The Importance of Nature to Canadians: Survey Highlights" cited in section 2.

[4] The 17 specified outdoor activities were: sightseeing in natural areas, photographing natural areas, gathering nuts, berries or firewood, picnicking, camping, swimming/beach activity, canoeing/kayaking/sailing, power boating, hiking/backpacking, climbing, horseback riding, cycling, off-road vehicle use, downhill skiing, cross-country skiing/snowshoeing, snowmobiling, and relaxing in an outdoor setting

and wildlife related activities were secondary reasons for their trips to the location.

Section C contained questions relevant to wildlife viewing on trips in Canada. Respondents were asked to complete this section only if they had taken trips during 1996 for the main reason of watching, feeding, photographing, or studying wildlife (wildlife viewing as a secondary reason fro trips was covered in section B). Questions in section C covered the types of wildlife viewing pursued and the types of wildlife encountered, trips, days, dollars, and consumer surplus. Respondents were also asked to provide location information of up to three locations visited for these activities, in a similar manner as described for section B.

Section D covered wildlife-related activities that occurred around the respondent's residence, and included questions on types of activities, types of wildlife encountered, days spent, and expenditures on these activities.

Section E covered trips taken for recreational fishing in Canada. Respondents were asked to complete this section only if they had taken trips during 1996 for the main reason of fishing for recreation (recreational fishing as a secondary reason for trips was covered in section B). Section E included questions on the incidence of catching fish on trips, the number of same-day and overnight trips taken, the number of days spent fishing in freshwater, the Atlantic Ocean and the Pacific Ocean, and the participant's expenditures and consumer surplus. Respondents were also asked to provide information for up to three locations they had visited, in a similar manner as described for section B.

Section F of the questionnaire examined the nature and characteristics of hunting and hunters. Respondents were asked to complete this section if they had hunted during 1996(hunting as a secondary activity on trips for outdoor activities was covered in section B). In addition to several questions on hunting in general (questions F1-F3), section F included detailed questions fro 4 major types of wildlife - waterfowl, other birds, small mammals, and large mammals (questions F4-F16). For each type of wildlife, questions covered the number of hunting trips taken and the days spent hunting, success rates, expenditures for hunting, and the additional amounts of money they would have been willing to spend before deciding not to participate (consumer surplus). Respondents were asked to provide location information fro up to two location for each type of hunting, in a similar manner as described for section B.

Section G introduced the topic of travel to the United States fro fish and wildlife activities, including watching, feeding, photographing or studying wildlife, and recreational fishing. These questions were added to the survey to enable comparison with a similar survey by the United States Fish and Wildlife Service which asked Americans about fish and wildlife-related trips taken to Canada in 1996.

The questionnaire concluded with a question on personal income. Other socio-demographic information was collected through the Labour Force Survey, such as sex, age group, and occupation, and was therefore already available for the respondents to the Nature Survey.

The Nature Survey questionnaire was tested extensively in a series of 10 focus groups in locations across Canada in August and November 1996. The focus group testing was aimed at ensuring that respondents from different walks of life and different parts of the country would understand the questions, and that response categories were sufficiently comprehensive. The testing also assessed the questionnaire layout, the flow of questions, and the length of the survey. Following the testing, the final questionnaire was prepared for the mailout.

Advance Collection of Socio-demographic Information

Socio-demographic information for Nature Survey respondents was available as a result of their participation in the Labour Force Survey.

As part of the LFS operation, the interviewer first obtains demographic information for each household member and then obtains labour force information for all eligible members. In the subsequent monthly interviews, the interviewer confirms the demographic information collected in the first month and collects the labour force information for the current month.

In all dwellings, this socio-demographic information about all household members is obtained from a knowledgeable household member, usually the person at home when the interviewer calls.

Pre-notification contact

Interviewers for the February 1997 LFS were instructed to introduce the Survey on the Importance of Nature to Canadians immediately after they had completed the LFS interview. The purpose of this introduction was to inform potential respondents that they would receive a survey questionnaire by mail, describe its coverage of nature-related activities and how the information would be used, and request them to complete and mail back the questionnaire quickly.

Mailout of Questionnaires

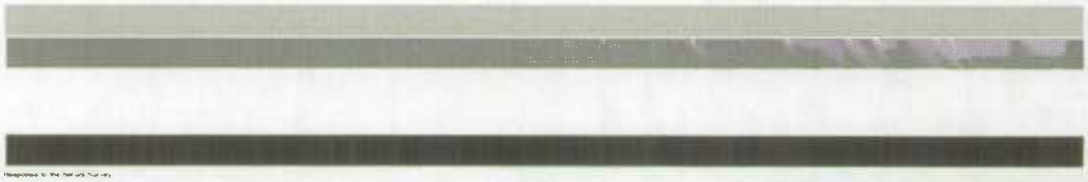
Questionnaires were prepared for mailing in the six Statistics Canada regional offices just prior to the LFS week of March 1997. Labels identifying the individuals 15 years of age and over in the Nature Survey sample were produced and attached to the questionnaires. Respondents were asked to complete the questionnaires as soon as possible upon receipt and mail them back in the postage-paid return envelopes supplied.

Telephone follow-ups

Incoming questionnaires were monitored using an automated "log-in" system. An identification number for each individual was included on the questionnaire label. Returned questionnaires were logged into the regional office computer using this number. Each questionnaire was first examined to determine whether it was fully or partially completed, or if the respondent had indicated a refusal to participate in the survey. They were then coded accordingly and were logged in. Questionnaires returned blank by the respondent, or returned by the Post Office as undeliverable were not logged-in and were set aside. They became eligible for follow-up.

Prior to the first follow-up, interviewers received an Outstanding Report which identified all respondents from whom a completed questionnaire had not been received, including those who had returned blank questionnaires and those returned as undeliverable by the Post Office. The first follow-up was conducted by telephone from the regional offices in April 1997, three weeks after the initial mail-out. Interviewers were instructed to try to establish whether the person believed they had already returned the questionnaire. If the person did not recall receiving the questionnaire, the interviewer verified the mailing address and sent a replacement questionnaire.

Given the lower than expected rate of return after the initial mail-out and the first follow-up (less than 30%), the decision was made to combine the planned second and third follow-ups and start completing questionnaire over the telephone using procedures similar to the first follow up. The objective of the second follow-up in May and June 1997 then became to reach the 70% completion rate target for each regional offices. Questionnaires in the queue for follow-up were randomized electronically by household to ensure that follow-ups would be conducted proportionally for all provinces and within province (e.g. the Halifax office would not complete interviews only for New Brunswick or the Vancouver office would not complete interviews only for the western part of the province).



In total, 86,951 people were eligible for the Nature Survey and 61,348 questionnaire were completed for a response rate of 70.6%. After the data processing steps described in Chapter 7.2, 60,789 completed and usable questionnaires (69.9%) were used in further processing. This consisted of 28,580 useable questionnaire that were completed by telephone and 32,209 useable completed questionnaire that were received by mail. More detailed information on response rates is presented in Chapter 8 (Data Quality).

7.0 Data Processing

One of the outputs of the Nature Survey is a "clean" microdata file, which consists of the records of responses to the survey. This Chapter presents a brief summary of the processing steps involved in producing this file.

Data Capture

Capture of the survey data was done in each Statistics Canada regional office using Xterminals connected to a server. All questionnaires coded as fully completed or partially completed after a summary review were captured. Part of each data entry operator's workload was re-captured as part of a quality control program. An unedited version of the computer record was electronically transmitted to Statistics Canada's head office in Ottawa for further processing. In total, 61,348 questionnaires were captured and transmitted for the survey.

Editing

The first stage of survey processing undertaken at head office was the pre-edit. In this first edit, duplicate questionnaires for individuals were eliminated. All blank values on each record were recoded to 9's. Some answer categories were also recoded to more standard values (e.g. all 'yes' answers were coded to '1', etc.). This process was designed to make further editing easier.

A computer edit of all survey records was then conducted to ensure data quality and completeness and to eliminate extreme expenditures (outliers). The first type of edit ensured that a minimum number of questions that applied to the respondent had been answered for each record. The number of useable records after this step was 60,789.

The second type of edit detected errors in questionnaire flow within a section where questions which did not apply to the respondent (and should therefore not have been answered) were found to contain answers. In this case, the edit followed the flow of the questionnaire implied by answers to previous, and in some cases, subsequent questions. In these situations, the data was replaced by the codes ending in 6 such as 96, 996 (valid skip), depending on the length of the field.

The third type of edit identified records with a lack of information in questions which should have been answered. For this type of error, the non-response or "not-stated" code assigned in pre-edit was retained (codes ending in 9 such as 9, 99, 999, depending on the number of spaces for the field).

The fourth type of edit flagged records with extreme values of expenditures reported on the questionnaire. The 'outlier' values were examined in relationship to other variables (days spent, consumer surplus, personal income). The high values were retained on the record if the values on these other variables were also high, otherwise the high expenditure value was replaced by a 'not stated' code. A total of only 14 records were affected by the latter procedure.

Coding of Open-ended Questions

The Nature Survey included a series of questions on locations where nature-related activities took place, including province/territory, nearest city/town/village, and distance from the residence. This location information was geocoded into a 7 digit Standard Geographical Classification (SGC) code representing Province/Territory (2), Census Division (2), and Census Sub-division (3). The SGC and corresponding latitude and longitude were added to the Master file. They are not part of the Public Use Microdata File (PUMF) for confidentiality reasons. In all, information for 71,773 reported destinations was coded this way. The park or protected area information, or the name of the state visited listed in section G of the questionnaire was not coded and is also not included on the PUMF.

No other open-ended questions were included in the survey

Item non-response

Item non-response occurs when questionnaires are returned with some parts incomplete. The extent of item non-response is not a serious problem throughout the Nature Survey questionnaire in general, usually less than 10 percent for most questions. Close-ended questions (e.g., question A3) which could be answered by using a simple check-mark fared considerably better than the open-ended questions requiring more detailed answers on the subject (e.g., question A4). Questions dealing with amounts such as expenditures or days were more susceptible to item non-response than others.

An automated imputation procedure was implemented through the use of a computer edit which randomly imputed a value in cases of item non-response while respecting the distribution pattern of the data within each question. Donors and recipients were grouped into strata and a value was imputed randomly based on various percentile values from the donor records in each stratum. Using this method, the mean imputed value is roughly equal to the mean donor value, although this is not true for every question. The procedure was thoroughly tested on survey data before implementation. Both the original variables with non-response codes and the imputed variables (in the form of derived variables) were included on the data file.

Items that were included in the imputation process include: days, trips, expenditures, and consumer surplus. Other types of items such as participation in a specific activity or location information were not imputed for when missing. They were simply coded as 'not stated'.

7.3 Creation of Derived Variables

In order to facilitate data analysis, a number of the original variables on the data file were recoded into derived variables. The first type of derived variable (Type 1) was designed to create the imputed variables described in Chapter 7.4. Both the original variable and the corresponding imputed variable are included on the data file. For example, question D4 is the original variable for days spent on residential wildlife related activities, and DV45 is the corresponding imputed variable.

Type 2 derived variables were designed to group several variables into a single new variable. For example, a derived variable (DV3) was created to identify respondents who answered yes to any of the four indirect wildlife-related activities in Question A1 in order to permit computation of the number of participants in any indirect nature-related activity.

Type 3 derived variables summed total days, total expenditures, or total consumer surplus for a group of questions. For example, a derived variable (DV152) was created to calculate total expenditures on recreational fishing trips from the 5 categories in question E5.

Finally, type 4 derived variables create indexes (in percentages) of the degree of interest in participating in specific activities. For example, a derived variable (DV19) was created using the information from question A2A to produce the index of interest in joining or contributing to a naturalist, conservation or sportsman's club.

7.4 Preparing the Public Use Microdata File

The final step in data processing was to prepare a data file for survey sponsors and other users of the results. The record layout for the microdata file is shown in Chapter 13. It includes all of the original variables as well as the derived variables. Imputed variables are identified as such (see, for example, DV25 in the record layout).

The "microdata file" differs from the "master data file" held by Statistics Canada as a result of actions taken to protect the anonymity of individual survey respondents. These actions are detailed in this Chapter.

Assessment of Disclosure Risk with Retained Variables

The microdata file was screened to identify records which could possibly present risks for the confidentiality of some respondents. Responses which were felt to present a confidentiality risk were suppressed on the public microdata file.

Table 2. Suppressions

Variable	# of Suppressions
Household size	81
Age group	377
Gender	0
Marital status	210
Highest level of education	105
Labour force status	32
Industry	698
Occupation	1,147
Usual weekly earnings, rounded	958
Personal income, grouped	176
Total	3,777

Other Variables Suppressed on the PUMF

Detailed information was collected on the locations where respondents took part in their nature-related activities. In four sections of the questionnaire (Outdoor activities in natural areas; Trips taken to watch, feed, photograph or study wildlife; Fishing for recreation; Hunting), the name of the province or the territory, the name of the closest city, town or village and the name of the park or protected area where the activity took place were collected. With the exception of the province/territory code, all of this information was suppressed on the PUMF.

The other variables available on the microdata file that were suppressed on the PUMF are:

- The language in which the questionnaire/interview was completed
- The name of the city, town or village of residence
- The Postal Code of residence
- The respondent's exact age

Variables collapsed on the PUMF

Some information that could be crucial to future analysis was preserved in the PUMF but was collapsed to show less detail and thus reduce the risks of disclosure. The created collapsed variables are:

- CMA: The Census Metropolitan Area variable was collapsed to include only the 3 largest CMAs (i.e Montreal, Toronto and Vancouver).

- Age: The age of individual respondents on the file was collapsed into 13 age groups. This variable is identical to the one on the 1991 survey file (refer to the record layout in Chapter 13).

- Amount spent to maintain, restore or purchase land (Question A6):

  This variable was collapsed into the following three groups, as per the 1991 file -

  $000000 - $099999
  $100000 or more
  999999 - answer not specified

Variables Capped on the PUMF

A number of variables on the file were capped to eliminate outliers and by the same token reduce the risk of disclosure. During processing of the survey data, an outlier edit was first run to look at various expenditures reported in the questionnaire in relation to particularities of the different nature-related activities the respondent took part in and to the reported annual income. All amounts of expenditures that were flagged as outliers in this process were suppressed and later imputed for. The other variables that were capped are:

- Household size: This variable was capped at '5 or more'.

- Days participating in nature or wildlife related activities:

This variable was capped at 365 days, as per the 1991 survey. Derived variables created to impute missing days values were treated the same way. Derived variables summing days from various activities were recalculated accordingly.

- Distance traveled: This is the distance traveled from the place of residence to the destination on nature-related trips as reported by the respondent. It was capped at 5,000 kilometers.

Expenditures Even after running the outlier edit, the largest 10 amounts for each category reportedwere top coded. They were capped to the average of the largest 10 amounts to preserve comparability of estimates of expenditures between the master file and the PUMF. Derived variables created to impute missing expenditure values were treated the same way. Derived variables summing expenditures from various activities were recalculated accordingly.

Note: **The complete information on survey respondents is available on the Statistics Canada's master data file. Users requiring access to information excluded from the PUMF may purchase custom tabulations which will consist of aggregate totals. Estimates generated will be released to the user, subject to meeting the guidelines for release.**

The principle behind estimation in a probability sample such as the LFS is that each person in the sample "represents," besides himself or herself, several other persons not in the sample. For example, in a simple random sample of 2% of the population, each person in the sample represents 50 persons in the population.

The weighting phase is a step which calculates, for each record, what this number is. This weight appears on the microdata file (variable name = WEIGHT), and must be used to derive meaningful estimates from the survey. For example, if the number of people who took trips for outdoor activities in 1996 is to be estimated, it is done by selecting the records referring to the people in the sample with that characteristic and summing the weights of those records.

Details of the method used to calculate these weights are presented in Chapter 11.

8.0
Data Quality

The response rates for the Nature Survey and the Labour Force Survey from which its sample was adopted are reported in this Chapter. The Chapter also outlines steps taken to reduce non-sampling error, and describes a measure of sampling error recommended foe use with the Nature Survey microdata file

Response Rates

The following table summarizes the response rates to the Labour Force Survey and to the Nature Survey.

	Household response rate for full LFS (02, 97) (*1)	Household response rate for LFS rotations eligible for the Nature Survey (*1)	Person level response rate to the Nature Survey (*2)
Newfoundland	97.0%	97.5%	69.9%
Prince Edward Island	97.3%	97.4%	66.7%
Nova Scotia	94.6%	95.1%	72.0%
New Brunswick	96.2%	96.8%	64.4%
Quebec	94.0%	94.7%	70.3%
Ontario	94.3%	95.3%	70.9%
Manitoba	96.5%	96.9%	73.1%
Saskatchewan	95.5%	96.0%	70.2%
Alberta	94.8%	95.5%	72.2%
British Columbia	94.3%	94.9%	71.4%
Yukon	92.6%	92.6%	72.0%
CANADA	94.8%	95.5%	70.6%

Note:

(*1) Response rate is number of responding households as a percentage of number of eligible households. The rates for the Yukon include households for February, March and April.

(*2) Response rate is number of persons responding to the Nature Survey as a percentage of number of persons responding to LFS in sampled rotations.

The estimates derived from this survey are based on a sample of persons. Somewhat different figures might have been obtained if a complete census had been taken using the same questionnaire, interviewers, supervisors, processing methods, etc. as those actually used. The difference between the estimates obtained from the sample and the results from a complete count taken under similar conditions is called the sampling error of the estimate.

Errors which are not related to sampling may occur at almost every phase of a survey operation. Interviewers may misunderstand instructions, respondents may make errors in answering questions, the answers may be incorrectly entered on the questionnaire and errors may be introduced in the processing and tabulation of the data. These are all examples of non-sampling errors.

Non-response

Over a large number of observations, randomly occurring errors will have little effect on estimates derived from the survey. However, errors occurring systematically will contribute to biases in the survey estimates.

As described in Chapters 6 and 7, considerable time and effort was made to reduce non-sampling errors in the survey. Quality assurance measures were implemented at each step of the data collection and processing cycle to monitor the quality of the data. These measures included pre-testing of the survey questionnaire to ensure clarity and comprehension, the use of highly skilled interviewers for interviews conducted over the telephone, extensive training of interviewers with respect to the survey procedures and questionnaire, procedures to ensure that data capture errors were minimized and coding and edit quality checks to verify the processing logic.

A major source of non-sampling errors in surveys is the effect of non-response on the survey results. The extent of non-response varies from partial non-response (failure to answer just one or some questions) to total non-response. Total non-response was handled by adjusting the weight of households who responded to the survey to compensate for those who did not respond.

In most cases, partial non-response to the survey occurred when the respondent did not understand or misinterpreted a question, refused to

answer a question, or could not recall the requested information. Chapter 7 describes steps taken in data processing to handle partial non-response

Since it is an unavoidable fact that estimates from a sample survey are subject to sampling error, sound statistical practice calls for researchers to provide users with some indication of the magnitude of this sampling error. This Chapter introduces the measure of sampling error which Statistics Canada commonly uses and which it urges users producing estimates from this microdata file to use also.

The basis for measuring the potential size of sampling errors is the standard error of the estimates derived from survey results. However, because of the large variety of estimates that can be produced from a survey, the standard error of an estimate is usually expressed relative to the estimate to which it pertains. This resulting measure, known as the coefficient of variation (CV) of an estimate, is obtained by dividing the standard error of the estimate by the estimate itself and is expressed as a percentage of the estimate.

For example, suppose that, based upon the survey results, one estimates that 10,295,606 Canadians took a trip to participate in outdoor activities during 1996, and this estimate is found to have a standard error of 82,311. Then the coefficient of variation of the estimate is calculated as:

Further guidance in using coefficients of variation with the Nature Survey microdata is provided in Chapters 9 and 10.

Data Collection

Because the Nature Survey was a supplement to the LFS, the frame employed was the LFS frame, and the quality of the sampling variables in the frame was very high. However, the Nature Survey also excluded non-respondents of the LFS. Because non-response to the LFS is quite low (usually less than 5%) the impact was minimal.

Note that the LFS frame, and thus that of the Nature Survey, excludes about 2% of all people in Canada (see Chapter 5.1). It is likely that this exclusion introduces little, if any, significant bias into the survey data.

Non-response

A number of steps were taken during data collection to reduce non-sampling errors, as described below. A bit more than half the questionnaires completed for the survey were self-completed by respondents and mailed back to Statistics Canada.

The questionnaire contained detailed instructions on how it was to be completed. Instructions on the type of information to include were also provided in on the questionnaire. A detailed Procedures Manual was developed to assist the Regional Office staff in their duties. It contained detailed instructions on how to assess whether a questionnaire met the minimum data requirements and how to conduct telephone follow-ups of non-respondents.

Almost half the questionnaires were completed over the telephone by Statistics Canada interviewers. The training for these interviewers consisted of reviewing the Nature Survey questionnaire and reading an Interviewers Manual which contained definitions of relevant concepts and a questions and answers section. Senior interviewers were also available to answer any questions the interviewers might have.

9.0 Guidelines for Tabulation, Analysis and Release

This Chapter outlines guidelines for users tabulating, analysing, publishing or otherwise releasing any data derived from the survey microdata file. With the aid of these guidelines, users of the microdata file should be able to produce the same figures as those produced by Statistics Canada and, at the same time, will be able to develop currently unpublished figures in a manner consistent with these established guidelines.

Rounding Guidelines

In order that estimates for publication or other release derived from the microdata file correspond to those produced by Statistics Canada, users are urged to adhere to the following guidelines regarding the rounding of such estimates:

a) Estimates in the main body of a statistical table are to be rounded to the nearest hundred units using the normal rounding technique. In normal rounding, if the first or only digit to be dropped is 0 to 4, the last digit to be retained is not changed. If the first or only digit to be dropped is 5 to 9, the last digit to be retained is raised by one. For example, in normal rounding to the nearest 100, if the last two digits are between 00 and 49, they are changed to 00 and the preceding digit (the hundreds digit) is left unchanged. If the last digits are between 50 and 99 they are changed to 00 and the preceding digit is incremented by 1.

b) Marginal subtotals and totals in statistical tables are to be derived from their corresponding unrounded components and then are to be rounded themselves to the nearest 100 units using normal rounding.

c) Averages, proportions, rates and percentages are to be computed from unrounded components (i.e., numerators and/or denominators) and then are to be rounded themselves to one decimal using normal rounding. In normal rounding to a single digit, if the final or only digit to be dropped is 0 to 4, the last digit to be retained is not changed. If the first or only digit to be

dropped is 5 to 9, the last digit to be retained is increased by 1.

d) Sums and differences of aggregates (or ratios) are to be derived from their corresponding unrounded components and then are to be rounded themselves to the nearest 100 units (or the nearest one decimal) using normal rounding.

e) In instances where, due to technical or other limitations, a rounding technique other than normal rounding is used resulting in estimates to be published or otherwise released which differ from corresponding estimates published by Statistics Canada, users are urged to note the reason for such differences in the publication or release document(s).

f) Under no circumstances are unrounded estimates to be published or otherwise released by users. Unrounded estimates imply greater precision than actually exists.

The sample design used for the Nature Survey was not self-weighting. When producing simple estimates, including the production of ordinary statistical tables, users must apply the proper sampling weight (variable name = WEIGHT).

If proper weights are not used, the estimates derived from the microdata file cannot be considered to be representative of the survey population, and will not correspond to those produced by Statistics Canada.

Users should also note that some software packages may not allow the generation of estimates that exactly match those available from Statistics Canada, because of their treatment of the weight field.

Definitions of types of estimates: Categorical vs. Quantitative

Before discussing how the Nature Survey data can be tabulated and analysed, it is useful to describe the two main types of point estimates of population characteristics which can be generated from the Nature Survey microdata file.

Categorical Estimates

Categorical estimates are estimates of the number, or percentage of the surveyed population possessing certain characteristics or falling into some defined category. The number of people who went on trips for outdoor activities during 1996, or the proportion of Ontario residents who went on a recreational fishing trip during 1996 are examples of such estimates. An estimate of the number of persons possessing a certain characteristic may also be referred to as an estimate of an aggregate.

Examples of Categorical Questions:

Q: During 1996, did you belong or contribute to any naturalist, conservation or sportsmen' clubs?
R: Yes or No

Q: In which of the following activities did you participate around your residence (Mark all that apply)?
R: Purchasing or putting out special feed for wildlife; Watching wildlife; Studying or identifying different types of wildlife; Maintaining plants, shrubs or birdhouses to attract feed or shelter wildlife; Photographing wildlife

Quantitative Estimates

Quantitative estimates are estimates of totals or of means, medians and other measures of central tendency of quantities based upon some or all of the members of the surveyed population. They also specifically involve estimates of the form X/Y where X is an estimate of surveyed population quantity total and Y is an estimate of the number of persons in the surveyed population contributing to that total quantity.

An example of a quantitative estimate is the average amount of money spent on transportation during trips for outdoor activities during 1996. The numerator is an estimate of the total amount of money spent on transportation during trips on outdoor activities 1996, and its denominator is the number of persons reporting such trips.

Examples of Quantitative Questions:

Q: What was the total amount of money you personally spent for these trips to participate in outdoor activities in Canada in 1996?

R:

Transportation	$ I___I.00
Accommodation	$ I___I.00
Food	$ I___I.00
Equipment used primarily for outdoor activities in natural areas	$ I___I.00
Other items	$ I___I.00

Q: Enter the number of days you spent fishing for recreation in Canada in 1996 beside the water body where you fished.

R:	Freshwater lakes, rivers, streams	___ Days
	Pacific Ocean	___ Days
	Atlantic Ocean	___ Days

Tabulation of Categorical Estimates

Estimates of the number of people with a certain characteristic can be obtained from the microdata file by summing the final weights of all records possessing the characteristic(s) of interest. Proportions and ratios of the form X/Y are obtained by:

(a) summing the final weights of records having the characteristic of interest for the numerator (X),
(b) summing the final weights of records having the characteristic of interest for the denominator (Y), then
© dividing the numerator estimate by the denominator estimate.

Tabulation of Quantitative Estimates

Estimates of quantities can be obtained from the microdata file by multiplying the value of the variable of interest by the final weight for each record, then summing this quantity over all records of interest. For example, to obtain an estimate of the total amount of money spent on transportation during fishing trips during 1996, multiply the reported amount of money spent by the final weight for the record, then sum this value over all records which report fishing trips.

To obtain a weighted average of the form X/Y, the numerator (X) is calculated as for a quantitative estimate and the denominator (Y) is calculated as for a categorical estimate. For example, to estimate the average amount of money spent on transportation for fishing trips during 1996,

(a) estimate the total spending as described above,
(b) estimate the number of people in this category by summing the final weights of all records which report a fishing trip, then
© divide estimate (a) by estimate (b).

The Nature Survey is based upon a complex sample design, with stratification, multiple stages of selection, and unequal probabilities of selection of respondents. Using data from such complex surveys presents problems to analysts because the survey design and the selection probabilities affect the estimation and variance calculation procedures that should be used. In order for survey estimates and analyses to be free from bias, the survey weights must be used.

While many analysis procedures found in statistical packages allow weights to be used, the meaning or definition of the weight in these procedures differ from that which is appropriate in a sample survey framework, with the result that while in many cases the estimates produced by the packages are correct, the variances that are calculated are poor. Variances for simple estimates such as totals, proportions and ratios (for qualitative variables) are provided in the accompanying Sampling Variability Tables.

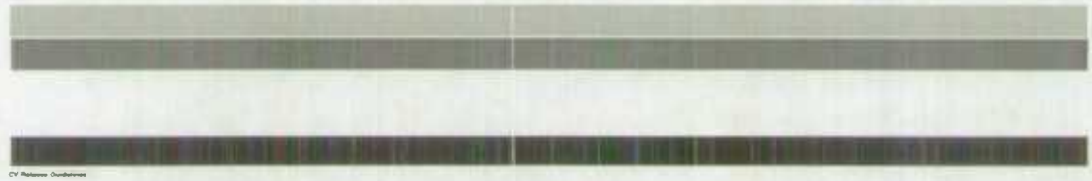
For other analysis techniques (for example linear regression, logistic regression and analysis of variance), a method exists which can make the variances calculated by the standard packages more meaningful, by incorporating the unequal probabilities of selection. The method re-scales the weights so that there is an average weight of 1.

For example, suppose that analysis of all male respondents is required. The steps to re-scale the weights are as follows:

- select all respondents from the file who reported SEX=male
- Calculate the AVERAGE weight for these records by summing the original person weights from the microdata file for these records and then dividing by the number of respondents who reported SEX=male
- for each of these respondents, calculate a RE-SCALED weight equal to the original person weight divided by the AVERAGE weight
- perform the analysis for these respondents using the RE-SCALED weight.

However, because the stratification and clustering of the sample's design are still not taken into account, the variance estimates calculated in this way are likely to be underestimates.

The calculation of truly meaningful variance estimates requires detailed knowledge of the design of the survey. Such detail cannot be given in this microdata file because of confidentiality. Variances that take the complete sample design into account can be calculated for many statistics by Statistics Canada on a cost recovery basis.



Before releasing and/or publishing any estimate from the Nature Survey, users should first determine the quality level of the estimate. The quality levels are __, __ and __. Data quality is affected by both sampling and non-sampling errors as discussed in Chapter 8. However for this purpose, the quality level of an estimate will be determined only on the basis of sampling error as reflected by the coefficient of variation as shown in the table below. Nonetheless, users should be sure to read Chapter 8 to be more fully aware of the quality characteristics of these data.

First, the number of respondents who contribute to the calculation of the estimate should be determined. If this number is less than 30, the weighted estimate should be considered to be of unacceptable quality.

For weighted estimates based on sample sizes of 30 or more, users should determine the coefficient of variation of the estimate and follow the guidelines below. These quality level guidelines should be applied to weighted rounded estimates.

All estimates can be considered releasable. However, those of marginal or unacceptable quality level must be accompanied by a warning to caution subsequent users.

Quality Level Guidelines

Quality Level of Estimate	Guidelines
1. Acceptable	Estimates have: a sample size of 30 or more, and low coefficients of variation in the range 0.0% - 16.5% No warning is required.
2. Marginal	Estimates have: a sample size of 30 or more, and high coefficients of variation in the range 16.6% - 33.3%. Estimates should be flagged with the letter M (or some similar identifier). They should be accompanied by a warning to caution subsequent users about the high levels of error, associated with the estimates.
3. Unacceptable	Estimates have: a sample size of less than 30, or very high coefficients of variation in excess of 33.3%. Statistics Canada recommends not to release estimates of unacceptable quality. However, if the user chooses to do so then estimates should be flagged with the letter U (or some similar identifier) and the following warning should accompany the estimates: "The user is advised that . . . (specify the data) . . . do not meet Statistics Canada's quality standards for this statistical program. Conclusions based on these data will be unreliable, and most likely invalid. These data and any consequent findings should not be published. If the user chooses to publish these data or findings, then this disclaimer must be published with the data."

10.0 Approximate Sampling Variability Tables

In order to supply coefficients of variation which would be applicable to a wide variety of categorical estimates produced from this microdata file and which could be readily accessed by the user, a set of Approximate Sampling Variability Tables has been produced (see Chapter 10.6). These "look up" tables allow the user to obtain an approximate coefficient of variation based on the size of the estimate calculated from the survey data.

The coefficients of variation (CV) are derived using the variance formula for simple random sampling and incorporating a factor which reflects the multistage, clustered nature of the sample design. This factor, known as the design effect, was determined by first calculating design effects for a wide range of characteristics and then choosing from among these a conservative value to be used in the lockup tables which would then apply to the entire set of characteristics.

The table below shows the design effects, sample sizes, and population counts used to produce the Approximate Sampling Variability Tables.

Newfoundland	1.35	2,501	451,484
Prince Edward Island	1.23	1,518	107,084
Nova Scotia	1.43	4,068	739,719
New Brunswick	1.26	3,541	602,062
Quebec	1.67	11,857	5,907,431
Ontario	1.48	18,311	8,926,822
Manitoba	1.27	4,414	859,240
Saskatchewan	1.19	3,556	757,640
Alberta	1.14	4,670	2,137,410
British Columbia	1.22	5,448	3,073,883
Yukon	1.31	905	19,741
–	1.42	60,789	23,582,516

All coefficients of variation in the Approximate Sampling Variability Tables are approximate and, therefore, unofficial. Estimates of actual variance for specific variables may be obtained from Statistics Canada on a cost-recovery basis. The use of actual variance estimates would allow users to release otherwise unreleasable estimates, i.e., estimates with coefficients of variation in the 'confidential' range.

Remember: if the number of observations on which an estimate is based is less than 30, the weighted estimate should not be released regardless of the value of the coefficient of variation for this estimate. This is because the formulas used for estimating the variance do not hold true for small sample sizes.

The following rules should enable the user to determine the approximate coefficients of variation from the Sampling Variability Tables for estimates of the number, proportion or percentage of the surveyed population possessing a certain characteristic and for ratios and differences between such estimates.

Rule 1: Estimates of Numbers Possessing a Characteristic (Aggregates)

The coefficient of variation depends only on the size of the estimate itself. On the Sampling Variability Table for the appropriate geographic area, locate the estimated number in the leftmost column of the table (headed "Numerator of Percentage") and follow the asterisks (if any) across to the first figure encountered. This figure is the approximate coefficient of variation.

Rule 2: Estimates of Proportions or Percentages Possessing a Characteristic

The coefficient of variation of an estimated proportion or percentage depends on both the size of the proportion or percentage and the size of the total upon which the proportion or percentage is based. Estimated proportions or percentages are relatively more reliable than the corresponding estimates of the numerator of the proportion or percentage, when the proportion or percentage is based upon a subgroup of the population. For example, the proportion of "female 24 year old who took a trip for outdoor activities during 1996" is more reliable than the estimated number of "female 24 year old who took a trip for outdoor activities during 1996." (Note that in the tables the CV's decline in value reading from left to right)

When the proportion or percentage is based upon the total population of the geographic area covered by the table, the CV of the proportion or percentage is the same as the CV of the numerator of the proportion or percentage. In this case, Rule 1 can be used.

When the proportion or percentage is based upon a subset of the total population (e.g., those in a particular sex or age group), reference should be made to the proportion or percentage (across the top of the table) and to the numerator of the proportion or percentage (down the left side of the table). The intersection of the appropriate row and column gives the coefficient of variation.

Rule 3: Estimates of Differences Between Aggregates or Percentages

The standard error of a difference between two estimates is approximately equal to the square root of the sum of squares of each standard error considered separately. That is, the standard error of a difference (d = - X) is:

$$\sqrt{\qquad\qquad}$$

where is estimate 1, X is estimate 2, and and are the coefficients of variation of and X respectively. The coefficient of variation of d is given by /d. This formula is accurate for the difference between separate and uncorrelated characteristics, but is only approximate otherwise.

Rule 4: Estimates of Ratios

In the case where the numerator is a subset of the denominator, the ratio should be converted to a percentage and Rule 2 applied. This would apply, for example, to the case where the denominator is the number of "people who took trips for outdoor activities during 1996" and the numerator is the number of "people who took trips for outdoor activities during 1996 that included fishing."

In the case where the numerator is not a subset of the denominator, as for example, the ratio of the number of "people in Quebec who took trips fro outdoor activities during 1996" as compared to the number of "people in Ontario who took trips for outdoor activities during 1996", the standard deviation of the ratio of the estimates is approximately equal to the square root of the sum of squares of each coefficient of variation considered separately multiplied by R. That is, the standard error of a ratio (R = / X) is:

$$\sqrt{\qquad}$$

where and are the coefficients of variation of and X respectively. The coefficient of variation of R is given by /R. The formula will tend to overstate the error, if and X are positively correlated and understate the error if and X are negatively correlated.

Rule 5: Estimates of Differences of Ratios

In this case, Rules 3 and 4 are combined. The CV's for the two ratios are first determined using Rule 4, and then the CV of their difference is found using Rule 3.

Examples of using the C.V. tables for Categorical Estimates

The following 'real life' examples are included to assist users in applying the foregoing rules.

Example 1: Estimates of Numbers Possessing a Characteristic (Aggregates)

Suppose that a user estimates that 10,295,606 people took trips for outdoor activities during 1996. How does the user determine the coefficient of variation of this estimate?

(1) Refer to the CV table for CANADA.

(2) The estimated aggregate (10,295,606) does not appear in the left-hand column (the 'Numerator of Percentage' column), so it is necessary to use the figure closest to it, namely 10,000,000.

(3) The coefficient of variation for an estimated aggregate is found by referring to the first non asterisk entry on that row, namely, 0.5%.

(4) So the approximate coefficient of variation of the estimate is 0.5%.

The finding that there were 10,295,606 people who took trips for outdoor activities during 1996 is publishable with no qualifications.

Example 2: Estimates of Proportions or Percentages Possessing a Characteristic

Suppose that the user estimates that 7,338,232 / 10,295,606 = 71.3% of people who took trips for outdoor activities, did sightseeing on these trips. How does the user determine the coefficient of variation of this estimate?

(1) Refer to the table for CANADA.

(2) Because the estimate is a percentage which is based on a subset of the total population (i.e., people who took trips for outdoor activities during 1996), it is necessary to use both the percentage (71.3%) and the numerator portion of the percentage (7,338,232) in determining the coefficient of variation.

(3) The numerator, 7,338,232, does not appear in the left-hand column (the 'Numerator of Percentage' column) so it is necessary to use the figure closest to it, namely 7,000,000. Similarly, the percentage estimate does not appear as any of the column headings, so it is necessary to use the figure closest to it, 70%.

(4) The figure at the intersection of the row and column used, namely 0.5% is the coefficient of variation to be used.

(5) So the approximate coefficient of variation of the estimate is 0.5%. The finding that 71.3% of people who took trips for outdoor activities during 1996, went sightseeing on these trips, can be published with no qualifications.

Example 3: Estimates of Differences Between Aggregates or Percentages

Suppose that a user estimates that of people in Quebec 2,281,390 / 5,907,431 =38.6% reported going on a trip for outdoor activities during 1996, while 3,878,151 / 8,926,822 = 43.4% of people in Ontario reported this. How does the user determine the coefficient of variation of the difference between these two estimates?

(1) Using the QUEBEC and ONTARIO CV table in the same manner as described in example 1 gives the CV of the estimate for people in Quebec as 1.6%, and the CV of the estimate for people in Ontario as 0.9%.

(2) Using rule 3, the standard error of a difference (d = - X) is:

where is estimate 1, X is estimate 2, and and are the coefficients of variation of and X respectively.

That is, the standard error of the difference d = (43.4% -38.6%) = 4.8% is:

(3) The coefficient of variation of d is given by /d = 0.7/ 4.8 = 14.5

(4) So the approximate coefficient of variation of the difference between the estimates is 14.5%. This estimate is publishable with no qualifications.

Example 4: Estimates of Ratios

Suppose that the user estimates that 2,281,390 people in Quebec reported going on a trip for outdoor activities during 1996, while 3,878,151 people in Ontario reported this. The user is interested in comparing the estimate of Quebec people versus that of Ontario people in the form of a ratio. How does the user determine the coefficient of variation of this estimate?

(1) First of all, this estimate is a ratio estimate, where the numerator of the estimate (=) is the number of people in Quebec who reported a trip for outdoor activities during 1996. The denominator of the estimate (= X) is the number of people in Ontario which reported this.

(2) Refer to the tables for QUEBEC and ONTARIO.

(3) The numerator of this ratio estimate is 2,281,390. The figure closest to it is 2,000,000. The coefficient of variation for this estimate is found by referring to the first non-asterisk entry on that row in the QUEBEC table, namely, 1.6%.

(4) The denominator of this ratio estimate is 3,878,151. The figure closest to it is 4,000,000. The coefficient of variation for this estimate is found by referring to the first non-asterisk entry on that row in the ONTARIO table, namely, 0.9%.

(5) So the approximate coefficient of variation of the ratio estimate is given by rule 4, which is,

w here and are the coefficients of variation of and X respectively.

That is,

The obtained ratio of Quebec versus Ontario people who took trips for outdoor activities during 1996 is 2,281,390 / 3,878,151 - which is 0.59:1. The coefficient of variation of this estimate is 1.8%, which is releasable with no qualifications.

How to use the CV tables to obtain Confidence Limits

Although coefficients of variation are widely used, a more intuitively meaningful measure of sampling error is the confidence interval of an estimate. A confidence interval constitutes a statement on the level of confidence that the true value for the population lies within a specified range of values. For example a 95% confidence interval can be described as follows:

If sampling of the population is repeated, each sample leading to a new confidence interval for an estimate, then in 95% of the samples the interval will cover the true population value.

Using the standard error of an estimate, confidence intervals for estimates may be obtained under the assumption that under repeated sampling of the population, the various estimates obtained for a population characteristic are normally distributed about the true population value. Under this assumption, the chances are about 68 out of 100 that the difference between a sample estimate and the true population value would be less than one standard error, about 95 out of 100 that the difference would be less than two standard errors, and about 99 out of 100 that the differences would be less than three standard errors. These different degrees of confidence are referred to as the confidence levels.

Confidence intervals for an estimate, X, are generally expressed as two numbers, one below the estimate and one above the estimate, as (X-k, X+k) where k is determined depending upon the level of confidence desired and the sampling error of the estimate.

Confidence intervals for an estimate can be calculated directly from the Approximate Sampling Variability Tables by first determining from the appropriate table the coefficient of variation of the estimate X, and then using the following formula to convert to a confidence interval CI:

where is the determined coefficient of variation of X, and

t = 1 if a 68% confidence interval is desired
t = 1.6 if a 90% confidence interval is desired
t = 2 if a 95% confidence interval is desired
t = 3 if a 99% confidence interval is desired.

Note: Release guidelines which apply to the estimate also apply to the confidence interval. For example, if the estimate is not releasable, then the confidence interval is not releasable either.

Example of using the CV tables to obtain confidence limits

A 95% confidence interval for the proportion of people who, during their trips for outdoor activities during 1996, went sightseeing (from Example 2, Chapter 10.2) would be calculated as follows.

X = 71.3%

t = 2

= 0.5% is the coefficient of variation of this estimate as determined from the tables.

CI = {.713 - (2) (.713) (.005), .713 + (2) (.713) (.005)}

CI = {.713 - .007, .713 + .007}

CI = {.706, .720}

With 95% confidence it can be said that between 70.6% and 72.0% of people who took a trip for outdoor activities during 1996, did sightseeing on these trips.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The sample estimates can be numbers, averages, percentages, ratios, etc. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical.

Let and X be sample estimates for two characteristics of interest. Let the standard error on the difference - X be .

If is between -2 and 2, then no conclusion

about the difference between the characteristics is justified at the 5% level of significance. If however, this ratio is smaller than -2 or larger than +2, the observed difference is significant at the 0.05 level. That is to say that the characteristics are significant.

Example of using the CV tables to do a t-test

Let us suppose we wish to test, at a 5% level of significance, the hypothesis that there is no difference between the proportion of people in Quebec which reported going on a trip for outdoor activities during 1996, and the proportion of people in Ontario who reported doing so. From example 3, Chapter 10.2, the standard error of the difference between these two estimates was found to be 0.7%. Hence,

Since t = 6.86 is greater than 2, it must be concluded that there is a significant difference between the two estimates at the 0.05 level of significance.

Coefficients of Variation for Quantitative Estimates

For quantitative estimates, special tables would have to be produced to determine their sampling error. Since there a large number of such variables for the Nature Survey, this has not been done.

As a general rule, however, the coefficient of variation of a quantitative total will be larger than the coefficient of variation of the corresponding categorical estimate (i.e., the estimate of the number of persons contributing to the quantitative estimate). If the corresponding categorical estimate is not releasable, the quantitative estimate will not be either. For example, the coefficient of variation of the total amount of money spent by people on wildlife and nature-related trips during 1996, would be greater than the coefficient of variation of the number of people who took wildlife and nature-related trips during 1996. Hence, if the coefficient of variation of the categorical estimate is not releasable, then the coefficient of variation of the corresponding quantitative estimate will also not be releasable.

Coefficients of variation of such estimates can be derived as required for a specific estimate using a technique known as pseudo replication. This involves dividing the records on the microdata files into subgroups (or replicates) and determining the variation in the estimate from replicate to replicate. Users wishing to derive coefficients of variation for quantitative estimates may contact Statistics Canada for advice on the allocation of records to appropriate replicates and the formulae to be used in these calculations.

Release Cutoffs for the Nature Survey

The minimum size of the estimate at the provincial, regional and Canada levels are specified in the table below. Estimates smaller than the minimum size given in the "Not Releasable" column may not be released under any circumstances.

Table of Release Cutoffs

—	Acceptable	Marginal	Unacceptable
Newfoundland	8,800 +	2,200 - 8,800	< 2,200

Prince Edward Island	3,100 +	800 - 3,100	< 800
Nova Scotia	9,400 +	2,300 - 9,400	< 2,300
New Brunswick	7,800 +	1,900 - 7,800	< 1,900
Quebec	30,400 +	7,500 - 30,400	< 7,500
Ontario	26,400 +	6,500 - 26,400	< 6,500
Manitoba	9,000 +	2,200 - 9,000	< 2,200
Saskatchewan	9,200 +	2,300 - 9,200-	< 2,300
Alberta	19,000 +	4,700 - 19,000	< 4,700
British Columbia	25,100 +	6,200 - 25,100	< 6,200
Yukon	1,000 +	300 - 1,000	< 300
–	20,200 +	5,000 - 20,200	< 5,000

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for CANADA

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	74.1	73.8	73.4	72.2	70.3	68.3	66.3	64.2	62.0	59.8	57.4	52.4	40.6	23.4
2	52.4	52.2	51.9	51.1	49.7	48.3	46.9	45.4	43.9	42.3	40.6	37.1	28.7	16.6
3	42.8	42.6	42.4	41.7	40.6	39.5	38.3	37.1	35.8	34.5	33.1	30.3	23.4	13.5
4	37.0	36.9	36.7	36.1	35.2	34.2	33.1	32.1	31.0	29.9	28.7	26.2	20.3	11.7
5	33.1	33.0	32.8	32.3	31.4	30.6	29.7	28.7	27.7	26.7	25.7	23.4	18.2	10.5
6	30.2	30.1	30.0	29.5	28.7	27.9	27.1	26.2	25.3	24.4	23.4	21.4	16.6	9.6
7	28.0	27.9	27.7	27.3	26.6	25.8	25.1	24.3	23.4	22.6	21.7	19.8	15.3	8.9
8	26.2	26.1	25.9	25.5	24.9	24.2	23.4	22.7	21.9	21.1	20.3	18.5	14.4	8.3
9	24.7	24.6	24.5	24.1	23.4	22.8	22.1	21.4	20.7	19.9	19.1	17.5	13.5	7.8
10	23.4	23.3	23.2	22.8	22.2	21.6	21.8	20.3	19.6	18.9	18.2	16.6	12.8	7.4
11	22.3	22.2	22.1	21.8	21.2	20.6	20.0	19.4	18.7	18.0	17.3	15.8	12.2	7.1
12	21.4	21.3	21.2	20.9	20.3	19.7	19.1	18.5	17.9	17.3	16.6	15.1	11.7	6.8
13	20.5	20.5	20.4	20.0	19.5	19.0	18.4	17.8	17.2	16.6	15.9	14.5	11.3	6.5
14	19.8	19.7	19.6	19.3	18.8	18.3	17.7	17.2	16.6	16.0	15.3	14.0	10.9	6.3
15	19.1	19.0	18.9	18.7	18.2	17.6	17.1	16.6	16.0	15.4	14.8	13.5	10.5	6.1
16	18.5	18.4	18.3	18.1	17.6	17.1	16.6	16.0	15.5	14.9	14.4	13.1	10.2	5.9
17	18.0	17.9	17.8	17.5	17.1	16.6	16.1	15.6	15.0	14.5	13.9	12.7	9.8	5.7
18	17.5	17.4	17.3	17.0	16.6	16.1	15.6	15.1	14.6	14.1	13.5	12.4	9.6	5.5
19	17.0	16.9	16.8	16.6	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.0	9.3	5.4
20	16.6	16.5	16.4	16.2	15.7	15.3	14.8	14.4	13.9	13.4	12.8	11.7	9.1	5.2
21	16.2	16.1	16.0	15.8	15.3	14.9	14.5	14.0	13.5	13.0	12.5	11.4	8.9	5.1
22	15.8	15.7	15.6	15.4	15.0	14.6	14.1	13.7	13.2	12.7	12.2	11.2	8.7	5.0
23	15.4	15.4	15.3	15.1	14.7	14.2	13.8	13.4	12.9	12.5	12.0	10.9	8.5	4.9
24	********	15.1	15.0	14.7	14.4	13.9	13.5	13.1	12.7	12.2	11.7	10.7	8.3	4.8
25	********	14.8	14.7	14.4	14.1	13.7	13.3	12.8	12.4	12.0	11.5	10.5	8.1	4.7
30	********	13.5	13.4	13.2	12.8	12.5	12.1	11.7	11.3	10.9	10.5	9.6	7.4	4.3
35	********	12.5	12.4	12.2	11.9	11.6	11.2	10.9	10.5	10.1	9.7	8.9	6.9	4.0
40	********	11.7	11.6	11.4	11.1	10.8	10.5	10.2	9.8	9.4	9.1	8.3	6.4	3.7
45	********	11.0	10.9	10.8	10.5	10.2	9.9	9.6	9.2	8.9	8.6	7.8	6.1	3.5
50	********	10.4	10.4	10.2	9.9	9.7	9.4	9.1	8.8	8.5	8.1	7.4	5.7	3.3
55	********	9.9	9.9	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.7	7.1	5.5	3.2
60	********	9.5	9.5	9.3	9.1	8.8	8.6	8.3	8.0	7.7	7.4	6.8	5.2	3.0
65	********	9.1	9.1	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.1	6.5	5.0	2.9
70	********	8.8	8.8	8.6	8.4	8.2	7.9	7.7	7.4	7.1	6.9	6.3	4.9	2.8
75	********	8.5	8.5	8.3	8.1	7.9	7.7	7.4	7.2	6.9	6.6	6.1	4.7	2.7
80	********	8.2	8.2	8.1	7.9	7.6	7.4	7.2	6.9	6.7	6.4	5.9	4.5	2.6
85	********	8.8	8.0	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.2	5.7	4.4	2.5
90	********	7.8	7.7	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.5	4.3	2.5
95	********	7.6	7.5	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.4	4.2	2.4
100	********	7.4	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.1	2.3
125	********	6.6	6.6	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.7	3.6	2.1
150	********	6.0	6.0	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.7	4.3	3.3	1.9
200	********	5.2	5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.1	3.7	2.9	1.7
250	**********	4.6	4.6	4.4	4.3	4.2	4.1	3.9	3.8	3.6	3.3	2.6	1.5	
300	**********	4.2	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.3	3.0	2.3	1.4	
350	**********	3.9	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	2.8	2.2	1.3	
400	**********	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2	
450	**********	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.5	1.9	1.1	
500	**********	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.3	1.8	1.0		
750	**********	2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1	1.9	1.5	0.9		
1000	**********	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.3	0.7		
1500	**********	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.0	0.6			
2000	**********	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.2	0.9	0.5			
3000	**********	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.7	0.4				
4000	**********	1.0	1.0	1.0	0.9	0.9	0.8	0.6	0.4					
5000	**********	0.9	0.9	0.8	0.8	0.7	0.6	0.3						
6000	**********	0.8	0.8	0.7	0.7	0.7	0.5	0.3						
7000	**********	0.7	0.7	0.7	0.6	0.5	0.3							
8000	**********	0.7	0.6	0.6	0.5	0.3								
9000	**********	0.6	0.6	0.4	0.2									
10000	**********	0.5	0.4	0.2										
12580	**********	0.4	0.2											
15000	**********	0.3	0.2											
20000	**********	0.2												

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for NEWFOUNDLAND

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	********	49.0	48.7	48.0	46.7	45.4	44.0	42.6	41.2	39.7	38.1	34.8	27.0	15.6
2	********	34.6	34.5	33.9	33.0	32.1	31.1	30.1	29.1	28.1	27.0	24.6	19.1	11.0
3	********	28.3	28.1	27.7	27.0	26.2	25.4	24.6	23.8	22.9	22.0	20.1	15.6	9.0
4	********	24.5	24.4	24.0	23.4	22.7	22.0	21.3	20.6	19.8	19.1	17.4	13.5	7.8
5	**********	21.8	21.5	20.9	20.3	19.7	19.1	18.4	17.7	17.1	15.6	12.1	7.0
6	**********	19.9	19.6	19.1	18.5	18.0	17.4	16.8	16.2	15.6	14.2	11.0	6.4
7	**********	18.4	18.1	17.7	17.2	16.6	16.1	15.6	15.0	14.4	13.2	10.2	5.9
8	**********	17.2	17.0	16.5	16.0	15.6	15.1	14.6	14.0	13.5	12.3	9.5	5.5
9	**********	16.2	16.0	15.6	15.1	14.7	14.2	13.7	13.2	12.7	11.6	9.0	5.2
10	**********	15.2	14.8	14.4	13.9	13.5	13.0	12.6	12.1	11.0	8.5	4.9
11	**********	14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.5	10.5	8.1	4.7
12	**********	13.9	13.5	13.1	12.7	12.3	11.9	11.5	11.0	10.0	7.8	4.5
13	**********	13.3	13.0	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3
14	**********	12.8	12.5	12.1	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2
15	**********	12.4	12.1	11.7	11.4	11.0	10.6	10.2	9.8	9.0	7.0	4.0
16	**********	12.0	11.7	11.3	11.0	10.7	10.3	9.9	9.5	8.7	6.7	3.9
17	**********	11.6	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.4	6.5	3.8
18	**********	11.3	11.0	10.7	10.4	10.0	9.7	9.4	9.0	8.2	6.4	3.7
19	**********	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.7	8.0	6.2	3.6
20	**********	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.5	7.8	6.0	3.5
21	**********	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4
22	**********	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.1	7.4	5.7	3.3
23	**********	9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.2
24	**********	9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
25	**********	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.0	5.4	3.1
30	**********	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.4	4.9	2.8
35	**********	7.9	7.7	7.4	7.2	7.0	6.7	6.4	5.9	4.6	2.6
40	**********	7.4	7.2	7.0	6.7	6.5	6.3	6.0	5.5	4.3	2.5
45	**********	7.0	6.8	6.6	6.4	6.1	5.9	5.7	5.2	4.0	2.3
50	**********	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
55	**********	6.1	5.9	5.7	5.6	5.4	5.1	4.7	3.6	2.1
60	**********	5.9	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
65	**********	5.6	5.5	5.3	5.1	4.9	4.7	4.3	3.3	1.9
70	**********	5.3	5.1	4.9	4.7	4.6	4.2	3.2	1.9
75	**********	5.1	4.9	4.8	4.6	4.4	4.0	3.1	1.8
80	**********	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7
85	**********	4.8	4.6	4.5	4.3	4.1	3.8	2.9	1.7
90	**********	4.6	4.5	4.3	4.2	4.0	3.7	2.8	1.6
95	**********	4.4	4.2	4.1	3.9	3.6	2.8	1.6
100	**********	4.3	4.1	4.0	3.8	3.5	2.7	1.6
125	**********	3.7	3.5	3.4	3.1	2.4	1.4
150	**********	3.2	3.1	2.8	2.2	1.3
200	**********	2.5	1.9	1.1
250	**********	1.7	1.0
300	**********	1.6	0.9
350	**********	0.8
400	**********	0.8

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for PRINCE EDWARD ISLAND

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	********	29.1	29.0	28.5	27.7	27.0	26.2	25.3	24.5	23.6	22.7	20.7	16.0	9.2
2	**********	**********	20.5	20.2	19.6	19.1	18.5	17.9	17.3	16.7	16.0	14.6	11.3	6.5
3	**********	**********	**********	16.5	16.0	15.6	15.1	14.6	14.1	13.6	13.1	11.9	9.2	5.3
4	**********	**********	**********	14.3	13.9	13.5	13.1	12.7	12.2	11.8	11.3	10.3	8.0	4.6
5	**********	**********	**********	12.7	12.4	12.1	11.7	11.3	10.9	10.5	10.1	9.2	7.2	4.1
6	**********	**********	**********	**********	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.4	6.5	3.8
7	**********	**********	**********	**********	10.5	10.2	9.9	9.6	9.2	8.9	8.6	7.8	6.1	3.5
8	**********	**********	**********	**********	9.8	9.5	9.2	9.0	8.7	8.3	8.0	7.3	5.7	3.3
9	**********	**********	**********	**********	9.2	9.0	8.7	8.4	8.2	7.9	7.6	6.9	5.3	3.1
10	**********	**********	**********	**********	8.8	8.5	8.3	8.0	7.7	7.5	7.2	6.5	5.1	2.9
11	**********	**********	**********	**********	**********	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
12	**********	**********	**********	**********	**********	7.8	7.6	7.3	7.1	6.8	6.5	6.0	4.6	2.7
13	**********	**********	**********	**********	**********	7.5	7.3	7.0	6.8	6.5	6.3	5.7	4.4	2.6
14	**********	**********	**********	**********	**********	7.2	7.0	6.8	6.5	6.3	6.1	5.5	4.3	2.5
15	**********	**********	**********	**********	**********	7.0	6.8	6.5	6.3	6.1	5.8	5.3	4.1	2.4
16	**********	**********	**********	**********	**********	6.7	6.5	6.3	6.1	5.9	5.7	5.2	4.0	2.3
17	**********	**********	**********	**********	**********	**********	6.3	6.1	5.9	5.7	5.5	5.0	3.9	2.2
18	**********	**********	**********	**********	**********	**********	6.2	6.0	5.8	5.6	5.3	4.9	3.8	2.2
19	**********	**********	**********	**********	**********	**********	6.0	5.8	5.6	5.4	5.2	4.7	3.7	2.1
20	**********	**********	**********	**********	**********	**********	5.8	5.7	5.5	5.3	5.1	4.6	3.6	2.1
21	**********	**********	**********	**********	**********	**********	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
22	**********	**********	**********	**********	**********	**********	**********	5.4	5.2	5.0	4.8	4.4	3.4	2.0
23	**********	**********	**********	**********	**********	**********	**********	5.3	5.1	4.9	4.7	4.3	3.3	1.9
24	**********	**********	**********	**********	**********	**********	**********	5.2	5.0	4.8	4.6	4.2	3.3	1.9
25	**********	**********	**********	**********	**********	**********	**********	5.1	4.9	4.7	4.5	4.1	3.2	1.8
30	**********	**********	**********	**********	**********	**********	**********	**********	4.5	4.3	4.1	3.8	2.9	1.7
35	**********	**********	**********	**********	**********	**********	**********	**********	**********	4.0	3.8	3.5	2.7	1.6
40	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	3.6	3.3	2.5	1.5
45	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	3.1	2.4	1.4
50	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	2.9	2.3	1.3
55	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	2.2	1.2
60	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	2.1	1.2
65	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	2.0	1.1
70	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	1.9	1.1
75	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	1.1
80	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	1.0
85	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	1.0
90	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	1.0
95	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	0.9

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for NOVA SCOTIA

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	********	50.6	50.3	49.6	48.2	46.9	45.5	44.0	42.5	41.0	39.4	36.0	27.9	16.1
2	********	35.8	35.6	35.0	34.1	33.2	32.2	31.1	30.1	29.0	27.9	25.4	19.7	11.4
3	********	29.2	29.1	28.6	27.9	27.1	26.3	25.4	24.6	23.7	22.7	20.8	16.1	9.3
4	********	25.3	25.2	24.8	24.1	23.4	22.7	22.0	21.3	20.5	19.7	18.0	13.9	8.0
5	********	22.6	22.5	22.2	21.6	21.0	20.3	19.7	19.0	18.3	17.6	16.1	12.5	7.2
6	********	20.7	20.6	20.2	19.7	19.1	18.6	18.0	17.4	16.7	16.1	14.7	11.4	6.6
7	********	19.1	19.0	18.7	18.2	17.7	17.2	16.6	16.1	15.5	14.9	13.6	10.5	6.1
8	**********		17.8	17.5	17.1	16.6	16.1	15.6	15.0	14.5	13.9	12.7	9.8	5.7
9	**********		16.8	16.5	16.1	15.6	15.2	14.7	14.2	13.7	13.1	12.0	9.3	5.4
10	**********		15.9	15.7	15.3	14.8	14.4	13.9	13.5	13.0	12.5	11.4	8.8	5.1
11	**********		15.2	14.9	14.5	14.1	13.7	13.3	12.8	12.4	11.9	10.8	8.4	4.8
12	**********		14.5	14.3	13.9	13.5	13.1	12.7	12.3	11.8	11.4	10.4	8.0	4.6
13	**********		14.0	13.7	13.4	13.0	12.6	12.2	11.8	11.4	10.9	10.0	7.7	4.5
14	**********		13.5	13.2	12.9	12.5	12.2	11.8	11.4	11.0	10.5	9.6	7.4	4.3
15	**********		12.8	12.5	12.1	11.7	11.4	11.0	10.6	10.2	9.3	7.2	4.2	
16	**********		12.4	12.1	11.7	11.4	11.0	10.6	10.2	9.8	9.0	7.0	4.0	
17	**********		12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.6	8.7	6.8	3.9	
18	**********		11.7	11.4	11.1	10.7	10.4	10.0	9.7	9.3	8.5	6.6	3.8	
19	**********		11.4	11.1	10.8	10.4	10.1	9.8	9.4	9.0	8.2	6.4	3.7	
20	**********		11.1	10.8	10.5	10.2	9.8	9.5	9.2	8.8	8.0	6.2	3.6	
21	**********		10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	7.8	6.1	3.5	
22	**********		10.6	10.3	10.0	9.7	9.4	9.1	8.7	8.4	7.7	5.9	3.4	
23	**********		10.3	10.1	9.8	9.5	9.2	8.9	8.5	8.2	7.5	5.8	3.4	
24	**********		10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.3	5.7	3.3	
25	**********		9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2	
30	**********		9.0	8.8	8.6	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9	
35	**********		8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.7	6.1	4.7	2.7	
40	**********			7.6	7.4	7.2	7.0	6.7	6.5	6.2	5.7	4.4	2.5	
45	**********			7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.4	4.2	2.4	
50	**********			6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3	
55	**********			6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.8	2.2	
60	**********			6.2	6.1	5.9	5.7	5.5	5.3	5.1	4.6	3.6	2.1	
65	**********			6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.5	3.5	2.0	
70	**********			5.8	5.6	5.4	5.3	5.1	4.9	4.7	4.3	3.3	1.9	
75	**********				5.4	5.3	5.1	4.9	4.7	4.5	4.2	3.2	1.9	
80	**********				5.2	5.1	4.9	4.8	4.6	4.4	4.0	3.1	1.8	
85	**********				5.1	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7	
90	**********				4.9	4.8	4.6	4.5	4.3	4.2	3.8	2.9	1.7	
95	**********				4.8	4.7	4.5	4.4	4.2	4.0	3.7	2.9	1.6	
100	**********				4.7	4.5	4.4	4.3	4.1	3.9	3.6	2.8	1.6	
125	**********					4.1	3.9	3.8	3.7	3.5	3.2	2.5	1.4	
150	**********						3.6	3.5	3.3	3.2	2.9	2.3	1.3	
200	**********							3.0	2.9	2.8	2.5	2.0	1.1	
250	**********								2.6	2.5	2.3	1.8	1.0	
300	**********										2.1	1.6	0.9	
350	**********										1.9	1.5	0.9	
400	**********											1.4	0.8	
450	**********											1.3	0.8	
500	**********											1.2	0.7	

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for NEW BRUNSWICK

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	********	45.9	45.7	45.0	43.8	42.5	41.3	40.0	38.6	37.2	35.7	32.6	25.3	14.6
2	********	32.5	32.3	31.8	31.0	30.1	29.2	28.3	27.3	26.3	25.3	23.1	17.9	10.3
3	********	26.5	26.4	26.0	25.3	24.6	23.8	23.1	22.3	21.5	20.6	18.8	14.6	8.4
4	********	23.0	22.8	22.5	21.9	21.3	20.6	20.0	19.3	18.6	17.9	16.3	12.6	7.3
5	********	20.5	20.4	20.1	19.6	19.0	18.5	17.9	17.3	16.6	16.0	14.6	11.3	6.5
6	********	18.7	18.7	18.4	17.9	17.4	16.9	16.3	15.8	15.2	14.6	13.3	10.3	6.0
7	**********	17.3	17.0	16.5	16.1	15.6	15.1	14.6	14.1	13.5	12.3	9.6	5.5
8	**********	16.2	15.9	15.5	15.0	14.6	14.1	13.7	13.2	12.6	11.5	8.9	5.2
9	**********	15.2	15.0	14.6	14.2	13.8	13.3	12.9	12.4	11.9	10.9	8.4	4.9
10	**********	14.4	14.2	13.8	13.5	13.1	12.6	12.2	11.8	11.3	10.3	8.0	4.6
11	**********	13.8	13.6	13.2	12.8	12.4	12.1	11.6	11.2	10.8	9.8	7.6	4.4
12	**********	13.2	13.0	12.6	12.3	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2
13	**********	12.5	12.1	11.8	11.4	11.1	10.7	10.3	9.9	9.1	7.0	4.0
14	**********	12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.6	8.7	6.8	3.9
15	**********	11.6	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.4	6.5	3.8
16	**********	11.2	10.9	10.6	10.3	10.0	9.7	9.3	8.9	8.2	6.3	3.6
17	**********	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	7.9	6.1	3.5
18	**********	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	7.7	6.0	3.4
19	**********	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.5	5.8	3.3
20	**********	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.7	3.3
21	**********	9.8	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
22	**********	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.0	5.4	3.1
23	**********	9.4	9.1	8.9	8.6	8.3	8.1	7.8	7.5	6.8	5.3	3.0
24	**********	9.2	8.9	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0
25	**********	9.0	8.8	8.5	8.3	8.0	7.7	7.4	7.1	6.5	5.1	2.9
30	**********	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.0	4.6	2.7
35	**********	7.4	7.2	7.0	6.8	6.5	6.3	6.0	5.5	4.3	2.5
40	**********	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.2	4.0	2.3
45	**********	6.5	6.3	6.2	6.0	5.8	5.5	5.3	4.9	3.8	2.2
50	**********	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.6	3.6	2.1
55	**********	5.9	5.7	5.6	5.4	5.2	5.0	4.8	4.4	3.4	2.0
60	**********	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.2	3.3	1.9
65	**********	5.3	5.1	5.0	4.8	4.6	4.4	4.0	3.1	1.8
70	**********	5.1	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7
75	**********	4.9	4.8	4.6	4.5	4.3	4.1	3.8	2.9	1.7
80	**********	4.8	4.6	4.5	4.3	4.2	4.0	3.6	2.8	1.6
85	**********	4.6	4.5	4.3	4.2	4.0	3.9	3.5	2.7	1.6
90	**********	4.5	4.4	4.2	4.1	3.9	3.8	3.4	2.7	1.5
95	**********	4.2	4.1	4.0	3.8	3.7	3.3	2.6	1.5
100	**********	4.1	4.0	3.9	3.7	3.6	3.3	2.5	1.5
125	**********	3.6	3.5	3.3	3.2	2.9	2.3	1.3
150	**********	3.3	3.2	3.0	2.9	2.7	2.1	1.2
200	**********	2.6	2.5	2.3	1.8	1.0
250	**********	2.1	1.6	0.9
300	**********	1.9	1.5	0.8
350	**********	1.4	0.8
400	**********	1.3	0.7
450	**********	0.7
500	**********	0.7

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1[illegible]

Approximate Sampling Variability Tables for QUEBEC

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	91.1	90.7	90.2	88.8	86.4	84.0	81.5	78.9	76.2	73.5	70.6	64.4	49.9	28.8
2	64.4	64.1	63.8	62.8	61.1	59.4	57.6	55.8	53.9	51.9	49.9	45.6	35.3	20.4
3	52.6	52.3	52.1	51.3	49.9	48.5	47.1	45.6	44.0	42.4	40.8	37.2	28.8	16.6
4	45.5	45.3	45.1	44.4	43.2	42.0	40.8	39.5	38.1	36.7	35.3	32.2	25.0	14.4
5	40.7	40.5	40.3	39.7	38.7	37.6	36.4	35.3	34.1	32.9	31.6	28.8	22.3	12.9
6	********	37.0	36.8	36.3	35.3	34.3	33.3	32.2	31.1	30.0	28.8	26.3	20.4	11.8
7	********	34.3	34.1	33.6	32.7	31.8	30.8	29.8	28.8	27.8	26.7	24.4	18.9	10.9
8	********	32.1	31.9	31.4	30.6	29.7	28.8	27.9	27.0	26.0	25.0	22.8	17.6	10.2
9	********	30.2	30.1	29.6	28.8	28.0	27.2	26.3	25.4	24.5	23.5	21.5	16.6	9.6
10	********	28.7	28.5	28.1	27.3	26.6	25.8	25.0	24.1	23.2	22.3	20.4	15.8	9.1
11	********	27.3	27.2	26.8	26.1	25.3	24.6	23.8	23.0	22.2	21.3	19.4	15.0	8.7
12	********	26.2	26.0	25.6	25.0	24.3	23.5	22.8	22.0	21.2	20.4	18.6	14.4	8.3
13	********	25.1	25.0	24.6	24.0	23.3	22.6	21.9	21.1	20.4	19.6	17.9	13.8	8.0
14	********	24.2	24.1	23.7	23.1	22.5	21.8	21.1	20.4	19.6	18.9	17.2	13.3	7.7
15	********	23.4	23.3	22.9	22.3	21.7	21.0	20.4	19.7	19.0	18.2	16.6	12.9	7.4
16	********	22.7	22.6	22.2	21.6	21.0	20.4	19.7	19.1	18.4	17.6	16.1	12.5	7.2
17	********	22.0	21.9	21.5	21.0	20.4	19.8	19.1	18.5	17.8	17.1	15.6	12.1	7.0
18	********	21.4	21.3	20.9	20.4	19.8	19.2	18.6	18.0	17.3	16.6	15.2	11.8	6.8
19	********	20.8	20.7	20.4	19.8	19.3	18.7	18.1	17.5	16.9	16.2	14.8	11.5	6.6
20	********	20.3	20.2	19.9	19.3	18.8	18.2	17.6	17.0	16.4	15.8	14.4	11.2	6.4
21	********	19.8	19.7	19.4	18.9	18.3	17.8	17.2	16.6	16.0	15.4	14.1	10.9	6.3
22	********	19.3	19.2	18.9	18.4	17.9	17.4	16.8	16.3	15.7	15.0	13.7	10.6	6.1
23	********	18.9	18.8	18.5	18.0	17.5	17.0	16.5	15.9	15.3	14.7	13.4	10.4	6.0
24	********	18.5	18.4	18.1	17.6	17.1	16.6	16.1	15.6	15.0	14.4	13.2	10.2	5.9
25	********	18.1	18.0	17.8	17.3	16.8	16.3	15.8	15.2	14.7	14.1	12.9	10.0	5.8
30	********	16.6	16.5	16.2	15.8	15.3	14.9	14.4	13.9	13.4	12.9	11.8	9.1	5.3
35	********	15.3	15.2	15.0	14.6	14.2	13.8	13.3	12.9	12.4	11.9	10.9	8.4	4.9
40	********	14.3	14.3	14.0	13.7	13.3	12.9	12.5	12.1	11.6	11.2	10.2	7.9	4.6
45	********	13.5	13.4	13.2	12.9	12.5	12.1	11.8	11.4	11.0	10.5	9.6	7.4	4.3
50	********	12.8	12.8	12.6	12.2	11.9	11.5	11.2	10.8	10.4	10.0	9.1	7.1	4.1
55	********	12.2	12.2	12.0	11.7	11.3	11.0	10.6	10.3	9.9	9.5	8.7	6.7	3.9
60	**********	11.6	11.5	11.2	10.8	10.5	10.2	9.8	9.5	9.1	8.8	8.0	6.2	3.6
65	**********	11.2	11.0	10.7	10.4	10.1	9.8	9.5	9.1	8.8	8.4	7.7	6.0	3.4
70	**********	10.8	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	8.1	7.4	5.8	3.3
75	**********	10.4	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2
80	**********	10.1	9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.7	7.0	5.4	3.1
85	**********	9.8	9.6	9.4	9.1	8.8	8.6	8.3	8.0	7.7	7.4	6.8	5.3	3.0
90	**********	9.5	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.6	5.1	2.9
95	**********	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.9	6.4	5.0	2.9
100	**********	9.0	8.9	8.6	8.4	8.2	7.9	7.6	7.3	7.1	6.8	6.3	4.9	2.8
125	**********		7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.3	6.1	5.8	4.5	2.6
150	**********		7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.8	5.6	5.3	4.1	2.4
200	**********		6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.8	4.6	3.5	2.0
250	**********		5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.5	4.3	4.1	3.2	1.8
300	**********			5.0	4.9	4.7	4.6	4.4	4.2	4.1	3.9	3.7	2.9	1.7
350	**********			4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.4	2.7	1.5
400	**********			4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.2	2.5	1.4
450	**********			4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.2	3.0	2.4	1.4
500	**********			3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.2	1.3
750	**********				3.1	3.0	2.9	2.8	2.7	2.6	2.4	2.4	1.8	1.1
1000	**********					2.6	2.5	2.4	2.3	2.2	2.2	2.0	1.6	0.9
1500	**********							2.0	1.9	1.8	1.7	1.7	1.3	0.7
2000	**********								1.6	1.6	1.4	1.4	1.1	0.6
3000	**********												0.9	0.5
4000	**********												0.8	0.5
5000	**********													0.4

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for ONTARIO

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	84.8	84.4	84.0	82.7	80.5	78.2	75.9	73.5	71.0	68.4	65.7	60.0	46.5	26.8
2	60.0	59.7	59.4	58.5	56.9	55.3	53.7	52.0	50.2	48.4	46.5	42.4	32.9	19.0
3	49.0	48.7	48.5	47.8	46.5	45.2	43.8	42.4	41.0	39.5	37.9	34.6	26.8	15.5
4	42.4	42.2	42.0	41.4	40.3	39.1	37.9	36.7	35.5	34.2	32.9	30.0	23.2	13.4
5	37.9	37.8	37.6	37.0	36.0	35.0	33.9	32.9	31.7	30.6	29.4	26.8	20.8	12.0
6	34.6	34.5	34.3	33.8	32.9	31.9	31.0	30.0	29.0	27.9	26.8	24.5	19.0	11.0
7	32.1	31.9	31.7	31.3	30.4	29.6	28.7	27.8	26.8	25.9	24.8	22.7	17.6	10.1
8	30.0	29.9	29.7	29.2	28.5	27.7	26.8	26.0	25.1	24.2	23.2	21.2	16.4	9.5
9	********	28.1	28.0	27.6	26.8	26.1	25.3	24.5	23.7	22.8	21.9	20.0	15.5	8.9
10	********	26.7	26.6	26.2	25.5	24.7	24.0	23.2	22.5	21.6	20.8	19.0	14.7	8.5
11	********	25.5	25.3	24.9	24.3	23.6	22.9	22.2	21.4	20.6	19.8	18.1	14.0	8.1
12	********	24.4	24.2	23.9	23.2	22.6	21.9	21.2	20.5	19.7	19.0	17.3	13.4	7.7
13	********	23.4	23.3	22.9	22.3	21.7	21.0	20.4	19.7	19.0	18.2	16.6	12.9	7.4
14	********	22.6	22.5	22.1	21.5	20.9	20.3	19.6	19.0	18.3	17.6	16.0	12.4	7.2
15	********	21.8	21.7	21.4	20.8	20.2	19.6	19.0	18.3	17.7	17.0	15.5	12.0	6.9
16	********	21.1	21.0	20.7	20.1	19.6	19.0	18.4	17.7	17.1	16.4	15.0	11.6	6.7
17	********	20.5	20.4	20.1	19.5	19.0	18.4	17.8	17.2	16.6	15.9	14.6	11.3	6.5
18	********	19.9	19.8	19.5	19.0	18.4	17.9	17.3	16.7	16.1	15.5	14.1	11.0	6.3
19	********	19.4	19.3	19.0	18.5	17.9	17.4	16.9	16.3	15.7	15.1	13.8	10.7	6.2
20	********	18.9	18.8	18.5	18.0	17.5	17.0	16.4	15.9	15.3	14.7	13.4	10.4	6.0
21	********	18.4	18.3	18.0	17.6	17.1	16.6	16.0	15.5	14.9	14.3	13.1	10.1	5.9
22	********	18.0	17.9	17.6	17.2	16.7	16.2	15.7	15.1	14.6	14.0	12.8	9.9	5.7
23	********	17.6	17.5	17.2	16.8	16.3	15.8	15.3	14.8	14.3	13.7	12.5	9.7	5.6
24	********	17.2	17.1	16.9	16.4	16.0	15.5	15.0	14.5	14.0	13.4	12.2	9.5	5.5
25	********	16.9	16.8	16.5	16.1	15.6	15.2	14.7	14.2	13.7	13.1	12.0	9.3	5.4
30	********	15.4	15.3	15.1	14.7	14.3	13.9	13.4	13.0	12.5	12.0	11.0	8.5	4.9
35	********	14.3	14.2	14.0	13.6	13.2	12.8	12.4	12.0	11.6	11.1	10.1	7.9	4.5
40	********	13.3	13.3	13.1	12.7	12.4	12.0	11.6	11.2	10.8	10.4	9.5	7.3	4.2
45	********	12.6	12.5	12.3	12.0	11.7	11.3	11.0	10.6	10.2	9.8	8.9	6.9	4.0
50	********	11.9	11.9	11.7	11.4	11.1	10.7	10.4	10.0	9.7	9.3	8.5	6.6	3.8
55	********	11.4	11.3	11.2	10.9	10.5	10.2	9.9	9.6	9.2	8.9	8.1	6.3	3.6
60	********	10.9	10.8	10.7	10.4	10.1	9.8	9.5	9.2	8.8	8.5	7.7	6.0	3.5
65	********	10.5	10.4	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.4	5.8	3.3
70	********	10.1	10.0	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2
75	********	9.7	9.7	9.6	9.3	9.0	8.8	8.5	8.2	7.9	7.6	6.9	5.4	3.1
80	********	9.4	9.4	9.2	9.0	8.7	8.5	8.2	7.9	7.6	7.3	6.7	5.2	3.0
85	********	9.2	9.1	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.1	6.5	5.0	2.9
90	**********	8.9	8.7	8.5	8.2	8.0	7.7	7.5	7.2	6.9	6.3	4.9	2.8	
95	**********	8.6	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7	6.2	4.8	2.8	
100	**********	8.4	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7	
125	**********	7.5	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.4	4.2	2.4	
150	**********	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2	
200	**********	5.8	5.7	5.5	5.4	5.2	5.0	4.8	4.6	4.2	3.3	1.9		
250	**********	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.2	3.8	2.9	1.7		
300	**********	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.5	2.7	1.5		
350	**********	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.2	2.5	1.4		
400	**********	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.0	2.3	1.3		
450	**********	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.8	2.2	1.3			
500	**********	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.7	2.1	1.2			
750	**********	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.2	1.7	1.0			
1000	**********	2.5	2.4	2.3	2.2	2.2	2.1	1.9	1.5	0.8				
1500	**********	2.0	1.9	1.8	1.8	1.7	1.5	1.2	0.7					
2000	**********	1.6	1.6	1.5	1.5	1.3	1.0	0.6						
3000	**********	1.2	1.2	1.1	0.8	0.5								
4000	**********	0.9	0.7	0.4										
5000	**********	0.7	0.4											
6000	**********	0.6	0.3											
7000	**********	0.3												
8000	**********	0.3												

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for MANITOBA

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE												
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	********	49.3	49.1	48.3	47.0	45.7	44.4	42.9	41.5	40.0	38.4	35.1	27.2	15.7
2	********	34.9	34.7	34.2	33.3	32.3	31.4	30.4	29.3	28.3	27.2	24.8	19.2	11.1
3	********	28.5	28.3	27.9	27.2	26.4	25.6	24.8	24.0	23.1	22.2	20.2	15.7	9.1
4	********	24.7	24.5	24.2	23.5	22.9	22.2	21.5	20.7	20.0	19.2	17.5	13.6	7.8
5	********	22.1	22.0	21.6	21.0	20.4	19.8	19.2	18.6	17.9	17.2	15.7	12.1	7.0
6	********	20.1	20.0	19.7	19.2	18.7	18.1	17.5	16.9	16.3	15.7	14.3	11.1	6.4
7	********	18.7	18.6	18.3	17.8	17.3	16.8	16.2	15.7	15.1	14.5	13.3	10.3	5.9
8	********	17.4	17.4	17.1	16.6	16.2	15.7	15.2	14.7	14.1	13.6	12.4	9.6	5.5
9	**********	16.4	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	11.7	9.1	5.2
10	**********	15.5	15.3	14.9	14.5	14.0	13.6	13.1	12.6	12.1	11.1	8.6	5.0
11	**********	14.8	14.6	14.2	13.8	13.4	12.9	12.5	12.1	11.6	10.6	8.2	4.7
12	**********	14.2	14.0	13.6	13.2	12.8	12.4	12.0	11.5	11.1	10.1	7.8	4.5
13	**********	13.6	13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.7	9.7	7.5	4.3
14	**********	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2
15	**********	12.7	12.5	12.1	11.8	11.5	11.1	10.7	10.3	9.9	9.1	7.0	4.0
16	**********	12.3	12.1	11.8	11.4	11.1	10.7	10.4	10.0	9.6	8.8	6.8	3.9
17	**********	11.9	11.7	11.4	11.1	10.8	10.4	10.1	9.7	9.3	8.5	6.6	3.8
18	**********	11.4	11.1	10.8	10.5	10.1	9.8	9.4	9.1	8.3	6.4	3.7
19	**********	11.1	10.8	10.5	10.2	9.9	9.5	9.2	8.8	8.0	6.2	3.6
20	**********	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	7.8	6.1	3.5
21	**********	10.5	10.3	10.0	9.7	9.4	9.1	8.7	8.4	7.7	5.9	3.4
22	**********	10.3	10.0	9.7	9.5	9.2	8.8	8.5	8.2	7.5	5.8	3.3
23	**********	10.1	9.8	9.5	9.2	9.0	8.7	8.3	8.0	7.3	5.7	3.3
24	**********	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.8	7.2	5.5	3.2
25	**********	9.7	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.0	5.4	3.1
30	**********	8.8	8.6	8.3	8.1	7.8	7.6	7.3	7.0	6.4	5.0	2.9
35	**********	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	5.9	4.6	2.7
40	**********	7.6	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.5	4.3	2.5
45	**********	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.0	2.3
50	**********	6.7	6.5	6.3	6.1	5.9	5.7	5.4	5.0	3.8	2.2
55	**********	6.3	6.2	6.0	5.8	5.6	5.4	5.2	4.7	3.7	2.1
60	**********	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.5	3.5	2.0
65	**********	5.8	5.7	5.5	5.3	5.1	5.0	4.8	4.3	3.4	1.9
70	**********	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.2	3.2	1.9
75	**********	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.0	3.1	1.8
80	**********	5.3	5.1	5.0	4.8	4.6	4.5	4.3	3.9	3.0	1.8
85	**********	5.1	5.0	4.8	4.7	4.5	4.3	4.2	3.8	2.9	1.7
90	**********	4.8	4.7	4.5	4.4	4.2	4.0	3.7	2.9	1.7
95	**********	4.7	4.6	4.4	4.3	4.1	3.9	3.6	2.8	1.6
100	**********	4.6	4.4	4.3	4.1	4.0	3.8	3.5	2.7	1.6
125	**********	4.1	4.0	3.8	3.7	3.6	3.4	3.1	2.4	1.4
150	**********	3.6	3.5	3.4	3.3	3.1	2.9	2.2	1.3
200	**********	3.0	2.9	2.8	2.7	2.5	1.9	1.1
250	**********	2.6	2.5	2.4	2.2	1.7	1.0
300	**********	2.3	2.2	2.0	1.6	0.9
350	**********	1.9	1.5	0.8
400	**********	1.8	1.4	0.8
450	**********	1.3	0.7
500	**********	1.2	0.7
750	**********	0.6

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for SASKATCHEWAN

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE												
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	********	50.0	49.7	49.0	47.7	46.3	44.9	43.5	42.0	40.5	38.9	35.5	27.5	15.9
2	********	35.3	35.2	34.6	33.7	32.7	31.8	30.8	29.7	28.6	27.5	25.1	19.5	11.2
3	********	28.9	28.7	28.3	27.5	26.7	25.9	25.1	24.3	23.4	22.5	20.5	15.9	9.2
4	********	25.0	24.9	24.5	23.8	23.2	22.5	21.8	21.0	20.3	19.5	17.8	13.8	7.9
5	********	22.4	22.2	21.9	21.3	20.7	20.1	19.5	18.8	18.1	17.4	15.9	12.3	7.1
6	********	20.4	20.3	20.0	19.5	18.9	18.3	17.8	17.2	16.5	15.9	14.5	11.2	6.5
7	********	18.9	18.8	18.5	18.0	17.5	17.0	16.4	15.9	15.3	14.7	13.4	10.4	6.0
8	**********		17.6	17.3	16.8	16.4	15.9	15.4	14.9	14.3	13.8	12.6	9.7	5.6
9	**********		16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
10	**********		15.7	15.5	15.1	14.6	14.2	13.8	13.3	12.8	12.3	11.2	8.7	5.0
11	**********		15.0	14.8	14.4	14.0	13.5	13.1	12.7	12.2	11.7	10.7	8.3	4.8
12	**********		14.4	14.1	13.8	13.4	13.0	12.6	12.1	11.7	11.2	10.3	7.9	4.6
13	**********		13.8	13.6	13.2	12.8	12.5	12.1	11.7	11.2	10.8	9.9	7.6	4.4
14	**********		13.3	13.1	12.7	12.4	12.0	11.6	11.2	10.8	10.4	9.5	7.4	4.2
15	**********		12.8	12.6	12.3	12.0	11.6	11.2	10.9	10.5	10.0	9.2	7.1	4.1
16	**********			12.2	11.9	11.6	11.2	10.9	10.5	10.1	9.7	8.9	6.9	4.0
17	**********			11.9	11.6	11.2	10.9	10.6	10.2	9.8	9.4	8.6	6.7	3.9
18	**********			11.5	11.2	10.9	10.6	10.3	9.9	9.5	9.2	8.4	6.5	3.7
19	**********			11.2	10.9	10.6	10.3	10.0	9.6	9.3	8.9	8.1	6.3	3.6
20	**********			10.9	10.7	10.4	10.0	9.7	9.4	9.1	8.7	7.9	6.2	3.6
21	**********			10.7	10.4	10.1	9.8	9.5	9.2	8.8	8.5	7.8	6.0	3.5
22	**********			10.4	10.2	9.9	9.6	9.3	9.0	8.6	8.3	7.6	5.9	3.4
23	**********			10.2	9.9	9.7	9.4	9.1	8.8	8.4	8.1	7.4	5.7	3.3
24	**********			10.0	9.7	9.5	9.2	8.9	8.6	8.3	7.9	7.3	5.6	3.2
25	**********			9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
30	**********			8.9	8.7	8.5	8.2	7.9	7.7	7.4	7.1	6.5	5.0	2.9
35	**********			8.3	8.1	7.8	7.6	7.4	7.1	6.8	6.6	6.0	4.7	2.7
40	**********				7.5	7.3	7.1	6.9	6.6	6.4	6.2	5.6	4.4	2.5
45	**********				7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
50	**********				6.7	6.5	6.4	6.2	5.9	5.7	5.5	5.0	3.9	2.2
55	**********				6.4	6.2	6.1	5.9	5.7	5.5	5.2	4.8	3.7	2.1
60	**********				6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.6	3.6	2.1
65	**********				5.9	5.7	5.6	5.4	5.2	5.0	4.8	4.4	3.4	2.0
70	**********				5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.2	3.3	1.9
75	**********				5.5	5.3	5.2	5.0	4.9	4.7	4.5	4.1	3.2	1.8
80	**********					5.2	5.0	4.9	4.7	4.5	4.4	4.0	3.1	1.8
85	**********					5.0	4.9	4.7	4.6	4.4	4.2	3.9	3.0	1.7
90	**********					4.9	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
95	**********					4.8	4.6	4.5	4.3	4.2	4.0	3.6	2.8	1.6
100	**********					4.6	4.5	4.4	4.2	4.1	3.9	3.6	2.8	1.6
125	**********						4.0	3.9	3.8	3.6	3.5	3.2	2.5	1.4
150	**********						3.7	3.6	3.4	3.3	3.2	2.9	2.2	1.3
200	**********								3.0	2.9	2.8	2.5	1.9	1.1
250	**********									2.6	2.5	2.2	1.7	1.0
300	**********										2.2	2.1	1.6	0.9
350	**********											1.9	1.5	0.8
400	**********												1.4	0.8
450	**********												1.3	0.7
500	**********												1.2	0.7

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 19[illegible]

Approximate Sampling Variability Tables for ALBERTA

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	72.1	71.8	71.4	70.3	68.5	66.5	64.5	62.5	60.4	58.2	55.9	51.0	39.5	22.8
2	51.0	50.8	50.5	49.7	48.4	47.0	45.6	44.2	42.7	41.1	39.5	36.1	27.9	16.1
3	********	41.4	41.2	40.6	39.5	38.4	37.3	36.1	34.9	33.6	32.3	29.5	22.8	13.2
4	********	35.9	35.7	35.2	34.2	33.3	32.3	31.2	30.2	29.1	27.9	25.5	19.8	11.4
5	********	32.1	31.9	31.5	30.6	29.8	28.9	27.9	27.0	26.0	25.0	22.8	17.7	10.2
6	********	29.3	29.2	28.7	27.9	27.2	26.3	25.5	24.6	23.7	22.8	20.8	16.1	9.3
7	********	27.1	27.0	26.6	25.9	25.1	24.4	23.6	22.8	22.0	21.1	19.3	14.9	8.6
8	********	25.4	25.3	24.9	24.2	23.5	22.8	22.1	21.3	20.6	19.8	18.0	14.0	8.1
9	********	23.9	23.8	23.4	22.8	22.2	21.5	20.8	20.1	19.4	18.6	17.0	13.2	7.6
10	********	22.7	22.6	22.2	21.6	21.0	20.4	19.8	19.1	18.4	17.7	16.1	12.5	7.2
11	********	21.6	21.5	21.2	20.6	20.1	19.5	18.8	18.2	17.5	16.9	15.4	11.9	6.9
12	********	20.7	20.6	20.3	19.8	19.2	18.6	18.0	17.4	16.8	16.1	14.7	11.4	6.6
13	********	19.9	19.8	19.5	19.0	18.5	17.9	17.3	16.7	16.1	15.5	14.2	11.0	6.3
14	********	19.2	19.1	18.8	18.3	17.8	17.2	16.7	16.1	15.5	14.9	13.6	10.6	6.1
15	********	18.5	18.4	18.2	17.7	17.2	16.7	16.1	15.6	15.0	14.4	13.2	10.2	5.9
16	********	17.9	17.9	17.6	17.1	16.6	16.1	15.6	15.1	14.5	14.0	12.8	9.9	5.7
17	********	17.4	17.3	17.1	16.6	16.1	15.7	15.2	14.6	14.1	13.6	12.4	9.6	5.5
18	********	16.9	16.8	16.6	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.0	9.3	5.4
19	********	16.5	16.4	16.1	15.7	15.3	14.8	14.3	13.8	13.3	12.8	11.7	9.1	5.2
20	********	16.1	16.0	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.5	11.4	8.8	5.1
21	********	15.7	15.6	15.3	14.9	14.5	14.1	13.6	13.2	12.7	12.2	11.1	8.6	5.0
22	**********	15.2	15.0	14.6	14.2	13.8	13.3	12.9	12.4	11.9	10.9	8.4	4.9	
23	**********	14.9	14.7	14.3	13.9	13.5	13.0	12.6	12.1	11.7	10.6	8.2	4.8	
24	**********	14.6	14.4	14.0	13.6	13.2	12.8	12.3	11.9	11.4	10.4	8.1	4.7	
25	**********	14.3	14.1	13.7	13.3	12.9	12.5	12.1	11.6	11.2	10.2	7.9	4.6	
30	**********	13.0	12.8	12.5	12.1	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2	
35	**********	12.1	11.9	11.6	11.2	10.9	10.6	10.2	9.8	9.4	8.6	6.7	3.9	
40	**********	11.3	11.1	10.8	10.5	10.2	9.9	9.5	9.2	8.8	8.1	6.2	3.6	
45	**********	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4		
50	**********	9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2		
55	**********	9.5	9.2	9.0	8.7	8.4	8.1	7.8	7.5	6.9	5.3	3.1		
60	**********	9.1	8.8	8.6	8.3	8.1	7.8	7.5	7.2	6.6	5.1	2.9		
65	**********	8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8		
70	**********	8.4	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.1	4.7	2.7		
75	**********	8.1	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6		
80	**********	7.9	7.7	7.4	7.2	7.0	6.7	6.5	6.2	5.7	4.4	2.6		
85	**********	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.5	4.3	2.5		
90	**********	7.4	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.4	4.2	2.4		
95	**********	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.1	2.3		
100	**********	7.0	6.8	6.7	6.5	6.2	6.0	5.8	5.6	5.1	4.0	2.3		
125	**********	6.1	6.0	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0			
150	**********	5.6	5.4	5.3	5.1	4.9	4.7	4.6	4.2	3.2	1.9			
200	**********	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.6	2.8	1.6			
250	**********	4.2	4.1	4.0	3.8	3.7	3.5	3.2	2.5	1.4				
300	**********	3.8	3.7	3.6	3.5	3.4	3.2	2.9	2.3	1.3				
350	**********	3.4	3.3	3.2	3.1	3.0	2.7	2.1	1.2					
400	**********	3.2	3.1	3.0	2.9	2.8	2.6	2.0	1.1					
450	**********	2.9	2.8	2.7	2.6	2.4	1.9	1.1						
500	**********	2.8	2.7	2.6	2.5	2.3	1.8	1.0						
750	**********	2.0	1.9	1.4	0.8									
1000	**********	1.6	1.2	0.7										
1500	**********	0.6												

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for BRITISH COLUMBIA

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE												
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	82.9	82.5	82.1	80.8	78.6	76.4	74.1	71.8	69.4	66.8	64.2	58.6	45.4	26.2
2	58.6	58.3	58.0	57.1	55.6	54.0	52.4	50.8	49.0	47.3	45.4	41.4	32.1	18.5
3	47.8	47.6	47.4	46.6	45.4	44.1	42.8	41.4	40.0	38.6	37.1	33.8	26.2	15.1
4	********	41.2	41.0	40.4	39.3	38.2	37.1	35.9	34.7	33.4	32.1	29.3	22.7	13.1
5	********	36.9	36.7	36.1	35.2	34.2	33.2	32.1	31.0	29.9	28.7	26.2	20.3	11.7
6	********	33.7	33.5	33.0	32.1	31.2	30.3	29.3	28.3	27.3	26.2	23.9	18.5	10.7
7	********	31.2	31.0	30.5	29.7	28.9	28.0	27.1	26.2	25.3	24.3	22.2	17.2	9.9
8	********	29.2	29.0	28.6	27.8	27.0	26.2	25.4	24.5	23.6	22.7	20.7	16.1	9.3
9	********	27.5	27.4	26.9	26.2	25.5	24.7	23.9	23.1	22.3	21.4	19.5	15.1	8.7
10	********	26.1	25.9	25.5	24.9	24.2	23.4	22.7	21.9	21.1	20.3	18.5	14.4	8.3
11	********	24.9	24.7	24.4	23.7	23.0	22.4	21.6	20.9	20.2	19.4	17.7	13.7	7.9
12	********	23.8	23.7	23.3	22.7	22.1	21.4	20.7	20.0	19.3	18.5	16.9	13.1	7.6
13	********	22.9	22.8	22.4	21.8	21.2	20.6	19.9	19.2	18.5	17.8	16.3	12.6	7.3
14	********	22.0	21.9	21.6	21.0	20.4	19.8	19.2	18.5	17.9	17.2	15.7	12.1	7.0
15	********	21.3	21.2	20.9	20.3	19.7	19.1	18.5	17.9	17.3	16.6	15.1	11.7	6.8
16	********	20.6	20.5	20.2	19.7	19.1	18.5	17.9	17.3	16.7	16.1	14.7	11.4	6.6
17	********	20.0	19.9	19.6	19.1	18.5	18.0	17.4	16.8	16.2	15.6	14.2	11.0	6.4
18	********	19.4	19.3	19.0	18.5	18.0	17.5	16.9	16.3	15.8	15.1	13.8	10.7	6.2
19	********	18.9	18.8	18.5	18.0	17.5	17.0	16.5	15.9	15.3	14.7	13.4	10.4	6.0
20	********	18.4	18.3	18.1	17.6	17.1	16.6	16.1	15.5	14.9	14.4	13.1	10.2	5.9
21	********	18.0	17.9	17.6	17.2	16.7	16.2	15.7	15.1	14.6	14.0	12.8	9.9	5.7
22	********	17.6	17.5	17.2	16.8	16.3	15.8	15.3	14.8	14.2	13.7	12.5	9.7	5.6
23	********	17.2	17.1	16.8	16.4	15.9	15.5	15.0	14.5	13.9	13.4	12.2	9.5	5.5
24	********	16.8	16.8	16.5	16.1	15.6	15.1	14.7	14.2	13.6	13.1	12.0	9.3	5.4
25	********	16.5	16.4	16.2	15.7	15.3	14.8	14.4	13.9	13.4	12.8	11.7	9.1	5.2
30	********	15.1	15.0	14.8	14.4	14.0	13.5	13.1	12.7	12.2	11.7	10.7	8.3	4.8
35	**********	13.9	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.9	9.9	7.7	4.4	
40	**********	13.0	12.8	12.4	12.1	11.7	11.4	11.0	10.6	10.2	9.3	7.2	4.1	
45	**********	12.2	12.0	11.7	11.4	11.1	10.7	10.3	10.0	9.6	8.7	6.8	3.9	
50	**********	11.6	11.4	11.1	10.8	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7	
55	**********	11.1	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	7.9	6.1	3.5	
60	**********	10.6	10.4	10.2	9.9	9.6	9.3	9.0	8.6	8.3	7.6	5.9	3.4	
65	**********	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3		
70	**********	9.7	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.0	5.4	3.1		
75	**********	9.3	9.1	8.8	8.6	8.3	8.0	7.7	7.4	6.8	5.2	3.0		
80	**********	9.0	8.8	8.5	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9		
85	**********	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.4	4.9	2.8		
90	**********	8.5	8.3	8.1	7.8	7.6	7.3	7.0	6.8	6.2	4.8	2.8		
95	**********	8.3	8.1	7.8	7.6	7.4	7.1	6.9	6.6	6.0	4.7	2.7		
100	**********	8.1	7.9	7.6	7.4	7.2	6.9	6.7	6.4	5.9	4.5	2.6		
125	**********	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.1	2.3		
150	**********	6.6	6.4	6.2	6.1	5.9	5.7	5.5	5.2	4.8	3.7	2.1		
200	**********	5.6	5.4	5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.9			
250	**********	5.0	4.8	4.7	4.5	4.4	4.2	4.1	3.7	2.9	1.7			
300	**********	4.5	4.4	4.3	4.1	4.0	3.9	3.7	3.4	2.6	1.5			
350	**********	4.1	4.0	3.8	3.7	3.6	3.4	3.1	2.4	1.4				
400	**********	3.8	3.7	3.6	3.5	3.3	3.2	2.9	2.3	1.3				
450	**********	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.1	1.2				
500	**********	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2					
750	**********	2.6	2.5	2.4	2.3	2.1	1.7	1.0						
1000	**********	2.1	2.0	1.9	1.4	0.8								
1500	**********	1.5	1.2	0.7										
2000	**********	1.0	0.6											

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

SURVEY ON THE IMPORTANCE OF Nature TO CANADIANS IN 1996

Approximate Sampling Variability Tables for YUKON

NUMERATOR OF PERCENTAGE ('000)	ESTIMATED PERCENTAGE													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	**********	**********	**********	**********	15.7	15.2	14.8	14.3	13.8	13.3	12.8	11.7	9.0	5.2
2	**********	**********	**********	**********	10.8	10.4	10.1	9.8	9.4	9.0	8.3	6.4	3.7	
3	**********	**********	**********	**********	8.5	8.3	8.0	7.7	7.4	6.7	5.2	3.0		
4	**********	**********	**********	**********	7.2	6.9	6.7	6.4	5.8	4.5	2.6			
5	**********	**********	**********	**********	6.2	6.0	5.7	5.2	4.0	2.3				
6	**********	**********	**********	**********	5.4	5.2	4.8	3.7	2.1					
7	**********	**********	**********	**********	4.8	4.4	3.4	2.0						
8	**********	**********	**********	**********	4.1	3.2	1.8							
9	**********	**********	**********	**********	3.9	3.0	1.7							
10	**********	**********	**********	**********	2.9	1.7								
11	**********	**********	**********	**********	2.7	1.6								
12	**********	**********	**********	**********	2.6	1.5								
13	**********	**********	**********	**********	2.5	1.4								
14	**********	**********	**********	**********	1.4									
15	**********	**********	**********	**********	1.3									
16	**********	**********	**********	**********	1.3									
17	**********	**********	**********	**********	1.3									

NOTES:

(1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
(2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CVs IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

11.0 Weighting

Since the Nature Survey used a sub-sample of the LFS sample, the derivation of weights for the survey records is closely tied to the weighting procedure used for the LFS. The LFS weighting procedure is briefly described below, followed by a description of how the procedure was modified for use in the Nature Survey.

11.1 Weighting Procedures for the LFS

In the LFS, the final weight attached to each record is the product of the following factors: the basic weight, the cluster sub-weight, the stabilization weight, the balancing factor for non-response, and the province-age-sex ratio adjustment factor. Each is described below.

Basic Weight

In a probability sample, the sample design itself determines weights which must be used to produce unbiased estimates of the population. Each record must be weighted by the inverse of the probability of selecting the person to whom the record refers. In the example of a 2% simple random sample, this probability would be .02 for each person and the records must be weighted by 1/.02=50. Because all eligible individuals in a dwelling are interviewed (either directly, or by proxy), this probability is the same as the probability with which the dwelling is selected.

Cluster Sub-weight

The cluster delineation is such that the number of dwellings in the sample increases very slightly with moderate growth in the housing stock. Substantial growth can be tolerated in an isolated cluster before the additional sample represents a field collection problem. However, if growth takes place in more than one cluster in an interviewer assignment, the cumulative effect of all increases may create a workload problem. In clusters where substantial growth has taken place, sub-sampling is used as a means of keeping interviewer assignments manageable. The cluster sub-weight represents the inverse of this sub-sampling ratio in clusters where sub-sampling has occurred.

Stabilization Weight

Growth in the population, and hence in the number of households, would lead to an ever increasing sample size for the LFS since the final stage of sampling is conducting systematically at a fixed rate. To control costs, some dwellings are randomly dropped in order to maintain the sample size at the desired level. The stabilization weight represents the inverse of the sub-sampling ratio where stabilization has occurred.

Non-response

Notwithstanding the strict controls of the LFS, some non-response is inevitable, despite all the efforts made by the interviewers. The LFS non-response rate is approximately 5%. For certain types of non-response (eg. household temporarily absent, refusal), data from a previous month's interview with the household if any, is brought forward and used as the current month's data for the household.

In other cases, non-response is compensated for by proportionally increasing the weights of responding households. The weight of each responding record is increased by the ratio of the number of households that should have been interviewed, divided by the number that were actually interviewed. This adjustment is done separately for non-response areas, which are defined by employment insurance economic region, type of area, and rotation group. It is based on the assumption that the households that have been interviewed represent the characteristics of those that should have been interviewed. To the extent that this assumption is not true, the estimates will be somewhat biased.

LFS Sub-Weight

The product of the previously described weighting factors is called the LFS sub-weight. All members of the same sampled dwelling have the same sub-weight. Therefore, when calculating a household sub-weight, we use the sub-weight of one record (or person) from the household.

The principles behind the calculation of the weights for the Nature Survey are nearly identical to those for the LFS. However, further adjustments were made to the LFS weights in order to derive a final weight for the individual records on the Nature Survey microdata file.

(1) An adjustment to account for the use of a five-sixths sub-sample, instead of the full LFS sample, in the provinces, and for the three-month sample in the Yukon, rather than a single month.

(2) An adjustment to account for the additional non-response to the Nature Survey, i.e., non-response to the Nature Survey for individuals

who did respond to the LFS or for which previous month's LFS data was brought forward.

(3) A calibration adjustment to account for independent provincial age/sex, CMA, and ER population projections after the above adjustments are made. These population projections are simply the final weighted totals from the LFS, which have been, in turn, calibrated to Statistics Canada demography projections based on the census

Nature Survey Non-response Adjustments

Adjustment (2) is taken into account by multiplying the LFS sub-weight for each responding Nature Survey record by:

to obtain a non-response adjusted Nature Survey sub-weight. Separate non-response adjustments are made within groups defined by EIER, sample design type, and rotation group.

Calibration Estimation Adjustments

The weights for each respondent were adjusted by an iterative process using a calibrated estimation procedure. This procedure ensured that estimates produced for a calibration group would agree with the population totals for that calibration group. This adjustment was made by using a two-stage iterative weighting procedure, each time using the weight obtained from the previous step, until the set of estimates agreed with the LFS population totals (which were created using Census population projections). **The final statistical weight can be found in the "WEIGHT" field on the microdata file.**

12.0
Questionnaire

Variable: **RANDOMID** *Position:* 1 *Length:* 5

Random Identification Number

Variable: **DATE** *Position:* 6 *Length:* 6

Survey date (199706)

	FREQ	WTD
199706 : 199706	60,789	23,582,516
	60,789	23,582,516

Variable: **STATUS** *Position:* 12 *Length:* 1

Method of collection.

		FREQ	WTD
1	Mail	32,209	12,686,985
2	Telephone	28,580	10,895,532
		60,789	23,582,516

Variable: **LFSPROV** *Position:* 13 *Length:* 2

Province of residence.

		FREQ	WTD
10	Newfoundland	2,501	451,484
11	Prince Edward Island	1,518	107,084
12	Nova Scotia	4,068	739,719
13	New Brunswick	3,541	602,062
24	Quebec	11,857	5,907,431
35	Ontario	18,311	8,926,822
46	Manitoba	4,414	859,240
47	Saskatchewan	3,556	757,640
48	Alberta	4,670	2,137,410
59	British Columbia	5,448	3,073,883
60	Yukon	905	19,741
		60,789	23,582,516

Variable: **ORICMA** *Position:* 15 *Length:* 2

Census metropolitan area of residence.
Allowed Min: 00 *Allowed Max:* 15

		FREQ	WTD
00	Other CMA\Non CMA	53,426	15,774,025
01	Montreal	2,127	2,702,917
02	Toronto	3,203	3,560,717
03	Vancouver	2,033	1,544,857
		60,789	23,582,516

Variable: **LFSURC** *Position:* 17 *Length:* 1

Urban/rural residence.

		FREQ	WTD
1	Rural Frame	16,066	4,007,233
2	Urban Frame	44,723	19,575,283
		60,789	23,582,516

Variable: **Filler** *Position:* 18 *Length:* 1

Filler.

Variable: **LFSHHS** *Position:* 19 *Length:* 1

Household size.
Allowed Min: 1 *Allowed Max:* 5

		FREQ	WTD
1	one	6,341	2,557,786
2	two	18,973	7,032,956
3	three	12,415	4,826,769
4	four	13,866	5,363,411
5	five or more	9,113	3,780,199
9	Suppressed	81	21,397
		60,789	23,582,516

Variable: **AGEGR** *Position:* 20 *Length:* 2

Age groups

		FREQ	WTD
01	15-16 years	2,251	793,171
02	17-19 years	3,054	1,173,770
03	20-24 years	4,407	1,982,779
04	25-29 years	4,622	2,157,852
05	30-34 years	5,894	2,533,616
06	35-39 years	6,564	2,601,850
07	40-44 years	6,358	2,436,143
08	45-49 years	5,810	2,097,911
09	50-54 years	4,776	1,770,984
10	55-59 years	3,821	1,339,379
11	60-64 years	3,336	1,173,632
12	65-69 years	3,185	1,097,509
13	70 years and over	6,341	2,319,841
99	suppressed	370	104,079
		60,789	23,582,516

Variable: **SEX** *Position:* 22 *Length:* 1

Sex of the respondent

		FREQ	WTD
1	Male	28,853	11,579,284
2	Female	31,936	12,003,232
		60,789	23,582,516

Variable: **LFSMARST** *Position:* 23 *Length:* 1

Marital status of respondent.

		FREQ	WTD
1	Married/Common law	39,083	14,685,328
2	Single, never married	14,418	6,127,399
3	Widow or Widower	3,489	1,287,575
4	Separated or Divorced	3,589	1,423,438
9	Suppressed	210	58,777
		60,789	23,582,516

Variable: **LFSEDLEC** *Position:* 24 *Length:* 1

Highest level of education of the respondent.

		FREQ	WTD
1	0 to 8 years	7,698	2,671,952
2	Some secondary education	12,510	4,370,818
3	Graduated from high school	10,802	4,353,456
4	Some post secondary	5,627	2,338,980
5	Post secondary certificate or diploma	15,331	5,801,413
6	University degree	8,716	4,017,587
9	Suppressed	105	28,312
		60,789	23,582,516

Variable: **LFSWKLYE** *Position:* 25 *Length:* 7

Usual weekly earning of the respondent. - This includes a two decimal cent amount. (FEBRUARY 1997 LFS)
Allowed Min: 0000001 *Allowed Max:* 9999995

		FREQ	WTD
0009999 : 0150001		25,869	10,711,465
9999996	Not applicable	33,962	12,581,004
9999999	Suppressed	958	290,048
		60,789	23,582,516

Variable: **LFSSTAT** *Position:* 32 *Length:* 1

Labour force status of the respondent. (FEBRUARY 1997 LFS)

		FREQ	WTD
1	Employed	33,253	13,428,827
2	Not employed	3,949	1,500,988
3	Not in the labour force	23,555	8,645,061
9	Suppressed	32	7,639
		60,789	23,582,516

Variable: **SIC5** *Position:* 33 *Length:* 2

Industry of main job of the respondent. (FEBRUARY 1997 LFS)

		FREQ	WTD
01	Agriculture	1,824	510,264
02	Other primary	1,285	327,208
03	Manufacturing non-durable	5,320	2,357,808
04	Manufacturing - durable	2,166	868,646
05	Construction	1,536	602,713
06	Transportation, communication & other utilities	656	287,068
07	Wholesale trade	297	112,183
08	Retail trade	6,662	2,714,297
09	Finance, insurance and real estate	1,848	841,194
10	Community services (education, health, welfare and religious organizations)	7,838	2,967,825
11	Personal services (including accommodation and food, and amusement & recreation)	6,058	2,546,022
12	Business and miscellaneous services	1,111	463,344
13	Public administration	2,564	943,293
14	Never worked or permanently unable to work or worked more than 1 year ago	20,926	7,800,605
99	Suppressed	698	240,048
		60,789	23,582,516

Variable: **SOC22** *Position:* 35 *Length:* 2

Occupation of main job of the respondent. (FEBRUARY 1997 LFS)

		FREQ	WTD
01	Managerial & administrative	4,749	2,040,236
02	Natural Science and related	1,316	643,953
03	Social Science and related	765	307,206
04	Religion	64	25,602
05	Teaching and related	1,995	806,727
06	Medicine and health	2,068	771,771
07	Artistic, literacy, recreational and related	665	311,422
08	Clerical and related	5,380	2,220,960
09	Sales	3,834	1,585,797
10	Service	6,097	2,282,477
11	Farming, horticultural and husbandry	1,905	559,137
12	Fishing, trapping and related	262	38,310
13	Forestry and logging	209	56,416
14	Mining, quarrying, including oil and gas	234	60,393
15	Processing	1,132	397,354
16	Machining	541	221,976
17	Fabricating	2,706	1,181,155
18	Construction	2,144	800,529
19	Transport equipment operating	1,482	561,423
20	Material handling	862	401,129
21	Other crafts	306	150,697
22	Never worked or permanently unable to work or worked more than 1 year ago	20,926	7,800,605
99	Suppressed	1,147	357,241
		60,789	23,582,516

Variable: **A1A** *Position:* 37 *Length:* 1

During 1996 did you take part in any of the following activities? ... Read books, magazines or articles on nature

		FREQ	WTD
1	Yes	26,552	10,238,690
2	No	27,311	10,769,178
9	Not stated	6,926	2,574,648
		60,789	23,582,516

Variable: **A1B** *Position:* 38 *Length:* 1

...Watch films or TV programs on nature

		FREQ	WTD
1	Yes	42,145	16,402,468
2	No	12,633	4,950,319
9	Not stated	6,011	2,229,730
		60,789	23,582,516

Variable: **A1C** *Position:* 39 *Length:* 1

...Purchase art, crafts or posters of nature.

		FREQ	WTD
1	Yes	9,956	3,890,372
2	No	42,851	16,747,810
9	Not stated	7,982	2,944,335
		60,789	23,582,516

Variable: **A1D** *Position:* 40 *Length:* 1

...Visit a zoo, game farm, aquarium or museum of natural history.

		FREQ	WTD
1	Yes	16,319	6,736,594
2	No	37,144	14,143,625
9	Not stated	7,326	2,702,297
		60,789	23,582,516

Variable: **A2A** *Position:* 41 *Length:* 1

For each activity listed, check the category that best describes your interest in participating. ...Joining or contributing to a naturalist, conservation or sportsman's club?

		FREQ	WTD
1	Great interest in participating	2,512	967,963
2	Some interest in participating	10,479	4,047,611
3	No interest in participating	40,591	15,935,485
9	Not stated	7,207	2,631,457
		60,789	23,582,516

Variable: **A2B** *Position:* 42 *Length:* 1

...Watching, feeding, photographing or studying wildlife.

		FREQ	WTD
1	Great interest in participating	9,756	3,599,033
2	Some interest in participating	21,658	8,377,491
3	No interest in participating	22,473	9,071,693
9	Not stated	6,902	2,534,299
		60,789	23,582,516

Variable: **A2C** *Position:* 43 *Length:* 1

...Hunting wildlife.

		FREQ	WTD
1	Great interest in participating	3,401	1,019,659
2	Some interest in participating	3,749	1,207,705
3	No interest in participating	46,604	18,763,983
9	Not stated	7,035	2,591,170
		60,789	23,582,516

Variable: **A2D** *Position:* 44 *Length:* 1

...Trapping for food or fur.

		FREQ	WTD
1	Great interest in participating	575	163,910
2	Some interest in participating	1,449	466,408
3	No interest in participating	51,486	20,290,146
9	Not stated	7,279	2,662,052
		60,789	23,582,516

Variable: **A2E** *Position:* 45 *Length:* 1

...Recreational fishing.

		FREQ	WTD
1	Great interest in participating	8,069	2,817,626
2	Some interest in participating	14,595	5,544,034
3	No interest in participating	31,064	12,623,830
9	Not stated	7,061	2,597,027
		60,789	23,582,516

Variable: **A2F** *Position:* 46 *Length:* 1

...Outdoor activities in natural areas such as camping, picnicking, hiking, riding, cycling, skiing, snowshoeing, off-road vehicle use, swimming, boating.

		FREQ	WTD
1	Great interest in participating	22,193	8,728,386
2	Some interest in participating	17,397	6,767,591
3	No interest in participating	13,997	5,434,578
9	Not stated	7,202	2,651,962
		60,789	23,582,516

Variable: **A3** *Position:* 47 *Length:* 1

During 1996, did you belong or contribute to any naturalist, conservation or sportsman's club?

		FREQ	WTD
1	Yes	3,538	1,277,881
2	No	57,251	22,304,636
		60,789	23,582,516

Variable: **A4** *Position:* 48 *Length:* 6

In 1996, how much did you spend on your membership fee(s) or donation(s) to these organizations?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 008760		3,317	1,200,983
999996	Valid skip	57,251	22,304,636
999999	Not stated	221	76,898
		60,789	23,582,516

Variable: **A5A** *Position:* 54 *Length:* 1

In 1996, did you maintain, restore or purchase land for any of the following reasons? ...To provide food or shelter for fish or wildlife.

		FREQ	WTD
1	Yes	1,205	420,505
2	No	59,398	23,087,013
9	Not stated	186	74,999
		60,789	23,582,516

Variable: **A5B** *Position:* 55 *Length:* 1

...To conserve or restore a natural setting.

		FREQ	WTD
1	Yes	1,495	508,887
2	No	59,108	22,998,631
9	Not stated	186	74,999
		60,789	23,582,516

Variable: **A5C** *Position:* 56 *Length:* 1

...None of the above.

		FREQ	WTD
1	Yes	58,599	22,822,409
2	No	2,190	760,107
9	Not stated	0	0
		60,789	23,582,516

Variable: **A6** *Position:* 57 *Length:* 6

In 1996, how much did you personally spend to maintain, restore or purchase this land?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 085000		1,627	560,613
100000	$100,000 or more	4	1,925
999996	Valid skip	58,599	22,822,409
999999	Not stated	559	197,569
		60,789	23,582,516

Variable: **B1** *Position:* 63 *Length:* 1

In 1996, did you take any same-day or overnight trips within Canada for which the main reason was to go to natural areas for one or more of the following outdoor activities? (Sightseeing in natural areas, Photographing in natural areas, Gathering nuts, berries or firewood, Picnicking, Camping, Swimming/beach activity, Canoeing/Kayaking/Sailing, Power boating, Hiking/backpacking, Climbing, Horseback riding, Cycling, Off-road vehicle use, Downhill skiing, Cross-country skiing/snowshoeing, Snowmobiling, Relaxing in an outdoor setting)

		FREQ	WTD
1	Yes	26,524	10,295,606
2	No	34,265	13,286,911
		60,789	23,582,516

Variable: **B2B** *Position:* 64 *Length:* 3

How many of these trips did you take in 1996? ...Same-day trips. (see question B2A on questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 700		21,240	8,346,189
996	Valid skip	38,582	14,866,270
999	Not stated	967	370,057
		60,789	23,582,516

Variable: **B2D** *Position:* 67 *Length:* 3

...Overnight trips. (see question B2B on questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 365		21,140	8,216,162
996	Valid skip	38,704	15,004,431
999	Not stated	945	361,923
		60,789	23,582,516

Variable: **B3B** *Position:* 70 *Length:* 3

How many days in total did you spend on outdoor activities while on these trips? ...In your province or territory. (see question B3A on questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		24,355	9,491,985
996	Valid skip	34,979	13,535,184
999	Not stated	1,455	555,348
		60,789	23,582,516

Variable: **B3D** *Position:* 73 *Length:* 3

...Elsewhere in Canada?(see question B3B on questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		12,807	4,966,111
996	Valid skip	47,216	18,332,358
999	Not stated	766	284,047
		60,789	23,582,516

Variable: **B4B** *Position:* 76 *Length:* 6

What was the total amount of money you personally spent on these trips to watch, feed, photograph or study wildlife in Canada in 1996?...Transportation (see question B4A on questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 014833		23,781	9,246,536
999996	Valid skip	34,265	13,286,911
999999	Not stated	2,743	1,049,069
		60,789	23,582,516

Variable: **B4D** *Position:* 82 *Length:* 6

...Accommodation (see question B4B on questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 007300		23,778	9,244,704
999996	Valid skip	34,265	13,286,911
999999	Not stated	2,746	1,050,902
		60,789	23,582,516

Variable: **B4F** *Position:* 88 *Length:* 6

...Food (see question B4C on questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 003596		23,778	9,244,704
999996	Valid skip	34,265	13,286,911
999999	Not stated	2,746	1,050,902
		60,789	23,582,516

Variable: **B4H** *Position:* 94 *Length:* 6

...Equipment primarily used for these activities (see question B4D on questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 052000		23,778	9,244,704
999996	Valid skip	34,265	13,286,911
999999	Not stated	2,746	1,050,902
		60,789	23,582,516

Variable: **B4J** *Position:* 100 *Length:* 6

...Other items (see question B4E on questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 007685		23,778	9,244,704
999996	Valid skip	34,265	13,286,911
999999	Not stated	2,746	1,050,902
		60,789	23,582,516

Variable: **B5** *Position:* 106 *Length:* 1

Would you still have taken these trips if your cost had been more?

		FREQ	WTD
1	Yes	18,186	7,058,776
2	No	7,491	2,941,284
6	Valid skip	34,265	13,286,911
9	Not stated	847	295,545
		60,789	23,582,516

Variable: **B6** *Position:* 107 *Length:* 3

How much more would you have spent before deciding not to take these trips in 1996?

		FREQ	WTD
025	$25.00	4,610	1,781,597
075	$75.00	4,765	1,816,230
150	$150.00	3,925	1,527,539
300	$300.00	2,283	925,242
600	$600.00	1,013	403,133
800	$800.00	1,167	449,301
996	Valid skip	41,756	16,228,195
999	Not stated	1,270	451,281
		60,789	23,582,516

Variable: **B9L1** *Position:* 110 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	12,397	4,791,183
2	No/Don't know	13,210	5,144,749
6	Valid skip	34,265	13,286,911
9	Not stated	917	359,674
		60,789	23,582,516

Variable: **B11L1B** *Position:* 111 *Length:* 4

About how far from your residence was this location? (Kilometres) (see question B11L1A on questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 9995		24,329	9,375,173
9996	Valid skip	34,265	13,286,911
9999	Not stated	2,195	920,433
		60,789	23,582,516

Variable: **BL1PROV** *Position:* 115 *Length:* 2

Province/territory of destination

		FREQ	WTD
10	Newfoundland	1,052	203,400
11	Prince Edward Island	564	69,293
12	Nova Scotia	1,707	333,000
13	New Brunswick	1,446	288,435
24	Quebec	4,519	2,203,190
35	Ontario	7,486	3,514,837
46	Manitoba	1,644	337,243
47	Saskatchewan	1,338	319,619
48	Alberta	2,301	994,749
59	British Columbia	3,055	1,598,290
60	Yukon	350	16,372
61	North West Territories	18	7,104
63	Outside Canada	3	1,158
96	Valid skip	34,265	13,286,911
99	Unknown	1,041	408,915
		60,789	23,582,516

Variable: **B12L1B** *Position:* 117 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location for outdoor activities?...Same-day trips (see questions B12L1A on the questionnaire)

Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 920		15,567	6,035,354
996	Valid skip	43,161	16,739,679
999	Not stated	2,061	807,484
		60,789	23,582,516

Variable: **B12L1D** *Position:* 120 *Length:* 3

...Overnight trips (see question B12L1B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 305		16,017	6,080,909
996	Valid skip	42,711	16,694,124
999	Not stated	2,061	807,484
		60,789	23,582,516

Variable: **B13L1** *Position:* 123 *Length:* 3

How many days in total did you take part in outdoor activities at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 365		24,712	9,593,338
996	Valid skip	34,265	13,286,911
999	Not stated	1,812	702,268
		60,789	23,582,516

Variable: **B14L1A** *Position:* 126 *Length:* 1

In which of the following outdoor activities did you participate on your trips to this location. ...Sightseeing in natural areas

		FREQ	WTD
1	Yes	17,517	6,871,742
2	No	7,791	2,942,467
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1B** *Position:* 127 *Length:* 1

...Photographing natural areas

		FREQ	WTD
1	Yes	8,389	3,274,582
2	No	16,919	6,539,627
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1C** *Position:* 128 *Length:* 1

...Gathering nuts, berries or firewood

		FREQ	WTD
1	Yes	6,145	2,188,377
2	No	19,163	7,625,832
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1D** *Position:* 129 *Length:* 1

...Picnicking

		FREQ	WTD
1	Yes	13,921	5,433,165
2	No	11,387	4,381,044
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1E** *Position:* 130 *Length:* 1

...Camping

		FREQ	WTD
1	Yes	10,640	3,867,299
2	No	14,668	5,946,910
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1F** *Position:* 131 *Length:* 1

...Swimming/beach activities

		FREQ	WTD
1	Yes	12,589	4,762,265
2	No	12,719	5,051,944
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1G** *Position:* 132 *Length:* 1

...Canoeing/kayaking/sailing

		FREQ	WTD
1	Yes	4,596	1,822,678
2	No	20,712	7,991,531
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1H** *Position:* 133 *Length:* 1

...Power boating

		FREQ	WTD
1	Yes	4,746	1,737,730
2	No	20,562	8,076,479
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1I** *Position:* 134 *Length:* 1

...Hiking/backpacking

		FREQ	WTD
1	Yes	9,417	3,748,425
2	No	15,891	6,065,784
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1J** *Position:* 135 *Length:* 1

...Climbing

		FREQ	WTD
1	Yes	1,994	765,356
2	No	23,314	9,048,853
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1K** *Position:* 136 *Length:* 1

...Horseback riding

		FREQ	WTD
1	Yes	749	267,298
2	No	24,559	9,546,910
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1L** *Position:* 137 *Length:* 1

...Cycling

		FREQ	WTD
1	Yes	3,930	1,610,814
2	No	21,378	8,203,395
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1M** *Position:* 138 *Length:* 1

...Off-road vehicle use

		FREQ	WTD
1	Yes	1,856	645,990
2	No	23,452	9,168,219
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1N** *Position:* 139 *Length:* 1

...Downhill skiing

		FREQ	WTD
1	Yes	1,490	703,822
2	No	23,818	9,110,387
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1O** *Position:* 140 *Length:* 1

...X-country skiing/snowshoeing

		FREQ	WTD
1	Yes	1,465	568,414
2	No	23,843	9,245,795
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1P** *Position:* 141 *Length:* 1

...Snowmobiling

		FREQ	WTD
1	Yes	1,568	461,757
2	No	23,740	9,352,452
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B14L1Q** *Position:* 142 *Length:* 1

...Relaxing in an outdoor setting

		FREQ	WTD
1	Yes	18,908	7,277,455
2	No	6,400	2,536,754
6	Valid skip	34,265	13,286,911
9	Not stated	1,216	481,397
		60,789	23,582,516

Variable: **B15L1A** *Position:* 143 *Length:* 1

Were any of the following activities secondary reasons for your trip to this location? ...Watching, feeding, photographing or studying wildlife?

		FREQ	WTD
1	Yes	8,323	3,226,386
2	No	17,284	6,709,546
6	Valid skip	34,295	13,298,558
9	Not stated	887	348,026
		60,789	23,582,516

Variable: **B15L1B** *Position:* 144 *Length:* 1

...Fishing for recreation?

		FREQ	WTD
1	Yes	5,295	1,896,763
2	No	20,312	8,039,169
6	Valid skip	34,295	13,298,558
9	Not stated	887	348,026
		60,789	23,582,516

Variable: **B15L1C** *Position:* 145 *Length:* 1

...Hunting wildlife ?

		FREQ	WTD
1	Yes	1,116	368,163
2	No	24,491	9,567,769
6	Valid skip	34,295	13,298,558
9	Not stated	887	348,026
		60,789	23,582,516

Variable: **B9L2** *Position:* 146 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	6,414	2,540,483
2	No/Don't know	7,080	2,838,032
6	Valid skip	47,295	18,204,001
		60,789	23,582,516

Variable: **B11L2B** *Position:* 147 *Length:* 4

About how far from your residence was this location? (Kilometres) (see question B11L2A on the questionnare)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 5000		12,442	4,944,143
9996	Valid skip	47,295	18,204,001
9999	Not stated	1,052	434,372
		60,789	23,582,516

Variable: **BL2PROV** Position: 151 *Length:* 2

Province/territory of destination

		FREQ	WTD
10	Newfoundland	443	87,716
11	Prince Edward Island	332	51,249
12	Nova Scotia	911	188,580
13	New Brunswick	765	156,760
24	Quebec	2,378	1,211,104
35	Ontario	3,496	1,671,895
46	Manitoba	870	191,940
47	Saskatchewan	703	173,259
48	Alberta	1,357	583,705
59	British Columbia	1,903	988,693
60	Yukon	181	10,950
61	North West Territories	13	3,954
63	Outside Canada	12	4,700
96	Valid skip	47,295	18,204,001
99	Unknown	130	54,009
		60,789	23,582,516

Variable: **B12L2B** *Position:* 153 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location for outdoor activities?...Same-day trips (see question B12L2A on questionnaire)

Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 360		7,984	3,183,884
996	Valid skip	51,927	20,043,389
999	Not stated	878	355,243
		60,789	23,582,516

Variable: **B12L2D** *Position:* 156 *Length:* 3

...Overnight trips (see question B12L2B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 360		7,110	2,774,626
996	Valid skip	52,801	20,452,647
999	Not stated	878	355,243
		60,789	23,582,516

Variable: **B13L2** *Position:* 159 *Length:* 3

How many days in total did you take part in outdoor activities at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 360		12,763	5,085,127
996	Valid skip	47,295	18,204,001
999	Not stated	731	293,388
		60,789	23,582,516

Variable: **B14L2A** *Position:* 162 *Length:* 1

In which of the following outdoor activities did you participate on your trips to this location? ...Sightseeing in natural areas

		FREQ	WTD
1	Yes	8,773	3,553,321
2	No	4,282	1,647,090
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2B** *Position:* 163 *Length:* 1

...Photographing in natural areas

		FREQ	WTD
1	Yes	4,213	1,671,817
2	No	8,842	3,528,594
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2C** *Position:* 164 *Length:* 1

...Gathering nuts, berries or firewood

		FREQ	WTD
1	Yes	2,155	783,511
2	No	10,900	4,416,900
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2D** *Position:* 165 *Length:* 1

...Picnicking

		FREQ	WTD
1	Yes	6,602	2,659,821
2	No	6,453	2,540,590
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2E** *Position:* 166 *Length:* 1

...Camping

		FREQ	WTD
1	Yes	4,523	1,670,287
2	No	8,532	3,530,124
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2F** *Position:* 167 *Length:* 1

...Swimming/beach activity

		FREQ	WTD
1	Yes	5,198	1,995,343
2	No	7,857	3,205,068
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2G** *Position:* 168 *Length:* 1

...Canoeing/kayaking/sailing

		FREQ	WTD
1	Yes	1,754	717,906
2	No	11,301	4,482,505
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2H** *Position:* 169 *Length:* 1

...Power boating

		FREQ	WTD
1	Yes	1,605	622,647
2	No	11,450	4,577,764
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2I** *Position:* 170 *Length:* 1

...Hiking/backpacking

		FREQ	WTD
1	Yes	4,515	1,870,655
2	No	8,540	3,329,756
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2J** *Position:* 171 *Length:* 1

...Climbing

		FREQ	WTD
1	Yes	877	343,506
2	No	12,178	4,856,905
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2K** *Position:* 172 *Length:* 1

...Horseback riding

		FREQ	WTD
1	Yes	323	119,870
2	No	12,732	5,080,540
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2L** *Position:* 173 *Length:* 1

...Cycling

		FREQ	WTD
1	Yes	1,551	651,661
2	No	11,504	4,548,749
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2M** *Position:* 174 *Length:* 1

...Off-road vehicle use

		FREQ	WTD
1	Yes	645	242,233
2	No	12,410	4,958,177
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2N** *Position:* 175 *Length:* 1

...Downhill skiing

		FREQ	WTD
1	Yes	803	380,848
2	No	12,252	4,819,563
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2O** *Position:* 176 *Length:* 1

...X-country skiing/snowshoeing

		FREQ	WTD
1	Yes	615	255,385
2	No	12,440	4,945,025
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2P** *Position:* 177 *Length:* 1

...Snowmobiling

		FREQ	WTD
1	Yes	521	162,323
2	No	12,534	5,038,088
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B14L2Q** *Position:* 178 *Length:* 1

...Relaxing in an outdoor setting

		FREQ	WTD
1	Yes	8,826	3,518,028
2	No	4,229	1,682,383
6	Valid skip	47,295	18,204,001
9	Not stated	439	178,105
		60,789	23,582,516

Variable: **B15L2A** *Position:* 179 *Length:* 1

Were any of the following activities secondary reasons for your trips to this location ? ...Watching, feeding, photographing or studying wildlife?

		FREQ	WTD
1	Yes	4,133	1,691,161
2	No	9,361	3,687,354
6	Valid skip	47,295	18,204,001
		60,789	23,582,516

Variable: **B15L2B** *Position:* 180 *Length:* 1

...Fishing for recreation?

		FREQ	WTD
1	Yes	1,974	717,113
2	No	11,520	4,661,402
6	Valid skip	47,295	18,204,001
		60,789	23,582,516

Variable: **B15L2C** *Position:* 181 *Length:* 1

...Hunting wildlife ?

		FREQ	WTD
1	Yes	205	70,793
2	No	13,289	5,307,722
6	Valid skip	47,295	18,204,001
		60,789	23,582,516

Variable: **B9L3** *Position:* 182 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	3,346	1,370,441
2	No/Don't know	3,604	1,463,314
6	Valid skip	53,839	20,748,761
		60,789	23,582,516

Variable: **B11L3B** *Position:* 183 *Length:* 4

About how far from your residence was this location?(Kilometres) (see question B11L3A on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 9995		6,345	2,571,185
9996	Valid skip	53,839	20,748,761
9999	Not stated	605	262,571
		60,789	23,582,516

Variable: **BL3PROV** *Position:* 187 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	234	51,285
11	Prince Edward Island	193	34,210
12	Nova Scotia	479	103,555
13	New Brunswick	369	75,860
24	Quebec	1,186	627,295
35	Ontario	1,745	835,029
46	Manitoba	408	91,118
47	Saskatchewan	322	80,833
48	Alberta	696	296,029
59	British Columbia	1,122	592,628
60	Yukon	102	5,577
61	North West Territories	10	2,703
63	Outside Canada	4	2,820
96	Valid skip	53,839	20,748,761
99	Unknown	80	34,814
		60,789	23,582,516

Variable: **B12L3B** *Position:* 189 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location for outdoor activities?...Same-day trips (see question B12L3A on questionnaire.)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 345		4,173	1,725,891
996	Valid skip	56,070	21,628,644
999	Not stated	546	227,982
		60,789	23,582,516

Variable: **B12L3D** *Position:* 192 *Length:* 3

...Overnight trips (see question B12L3B on questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 300		3,352	1,325,792
996	Valid skip	56,891	22,028,743
999	Not stated	546	227,982
		60,789	23,582,516

Variable: **B13L3** *Position:* 195 *Length:* 3

How many days in total did you take part in outdoor activities at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 345		6,506	2,649,092
996	Valid skip	53,839	20,748,761
999	Not stated	444	184,663
		60,789	23,582,516

Variable: **B14L3A** *Position:* 198 *Length:* 1

In which of the following outdoor activities did you participate on your trips to this location. ...Sightseeing in natural areas

		FREQ	WTD
1	Yes	4,553	1,856,122
2	No	2,095	854,246
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3B** *Position:* 199 *Length:* 1

...Photographing natural areas

		FREQ	WTD
1	Yes	2,277	909,951
2	No	4,371	1,800,417
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3C** *Position:* 200 *Length:* 1

...Gathering nuts, berries or firewood

		FREQ	WTD
1	Yes	1,046	392,759
2	No	5,602	2,317,608
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3D** *Position:* 201 *Length:* 1

...Picnicking

		FREQ	WTD
1	Yes	3,295	1,328,410
2	No	3,353	1,381,957
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3E** *Position:* 202 *Length:* 1

...Camping

		FREQ	WTD
1	Yes	2,084	776,545
2	No	4,564	1,933,822
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3F** *Position:* 203 *Length:* 1

...Swimming/beach activities

		FREQ	WTD
1	Yes	2,448	957,799
2	No	4,200	1,752,568
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3G** *Position:* 204 *Length:* 1

...Canoeing/kayaking/sailing

		FREQ	WTD
1	Yes	761	313,500
2	No	5,887	2,396,868
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3H** *Position:* 205 *Length:* 1

...Power boating

		FREQ	WTD
1	Yes	709	281,442
2	No	5,939	2,428,925
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3I** *Position:* 206 *Length:* 1

...Hiking/backpacking

		FREQ	WTD
1	Yes	2,333	987,921
2	No	4,315	1,722,446
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3J** *Position:* 207 *Length:* 1

...Climbing

		FREQ	WTD
1	Yes	422	165,830
2	No	6,226	2,544,537
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3K** *Position:* 208 *Length:* 1

...Horseback riding

		FREQ	WTD
1	Yes	179	63,587
2	No	6,469	2,646,780
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3L** *Position:* 209 *Length:* 1

...Cycling

		FREQ	WTD
1	Yes	777	363,786
2	No	5,871	2,346,582
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3M** *Position:* 210 *Length:* 1

...Off-road vehicle use

		FREQ	WTD
1	Yes	275	111,006
2	No	6,373	2,599,361
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3N** *Position:* 211 *Length:* 1

...Downhill skiing

		FREQ	WTD
1	Yes	412	189,487
2	No	6,236	2,520,881
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3O** *Position:* 212 *Length:* 1

...X-country skiing/snowshoeing

		FREQ	WTD
1	Yes	284	121,740
2	No	6,364	2,588,627
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3P** *Position:* 213 *Length:* 1

...Snowmobiling

		FREQ	WTD
1	Yes	236	71,859
2	No	6,412	2,638,508
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B14L3Q** *Position:* 214 *Length:* 1

...Relaxing in an outdoor setting

		FREQ	WTD
1	Yes	4,477	1,805,023
2	No	2,171	905,345
6	Valid skip	53,839	20,748,761
9	Not stated	302	123,388
		60,789	23,582,516

Variable: **B15L3A** *Position:* 215 *Length:* 1

Were any of the following activities secondary reasons for your trip to this location? ...Watching, feeding, photographing or studying wildlife?

		FREQ	WTD
1	Yes	2,150	878,627
2	No	4,800	1,955,128
6	Valid skip	53,839	20,748,761
		60,789	23,582,516

Variable: **B15L3B** *Position:* 216 *Length:* 1

...Fishing for recreation?

		FREQ	WTD
1	Yes	900	322,180
2	No	6,050	2,511,575
6	Valid skip	53,839	20,748,761
		60,789	23,582,516

Variable: **B15L3C** *Position:* 217 *Length:* 1

...Hunting wildlife ?

		FREQ	WTD
1	Yes	103	35,990
2	No	6,847	2,797,765
6	Valid skip	53,839	20,748,761
		60,789	23,582,516

Variable: **B9L4** *Position:* 218 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	1,618	675,479
2	No/Don't know	1,813	727,337
6	Valid skip	57,358	22,179,700
		60,789	23,582,516

Variable: **B11L4B** *Position:* 219 *Length:* 4

About how far from your residence was this location?(Kilometers) (see question B11L4A on questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 5000		3,111	1,275,729
9996	Valid skip	57,358	22,179,700
9999	Not stated	320	127,087
		60,789	23,582,516

Variable: **BL4PROV** *Position:* 223 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	109	23,056
11	Prince Edward Island	83	10,549
12	Nova Scotia	246	55,559
13	New Brunswick	195	41,501
24	Quebec	579	305,221
35	Ontario	859	406,279
46	Manitoba	183	39,547
47	Saskatchewan	132	34,272
48	Alberta	301	128,297
59	British Columbia	636	335,527
60	Yukon	50	3,204
61	North West Territories	5	1,720
63	Outside Canada	0	0
96	Valid skip	57,358	22,179,700
99	Unknown	53	18,084
		60,789	23,582,516

Variable: **B12L4B** *Position:* 225 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location for outdoor activities?...Same-day trips (see question B12L4A on questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 368		2,149	885,625
996	Valid skip	58,362	22,586,982
999	Not stated	278	109,909
		60,789	23,582,516

Variable: **B12L4D** *Position:* 228 *Length:* 3

...Overnight trips (see question B12L4B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 030		1,493	593,772
996	Valid skip	59,018	22,878,835
999	Not stated	278	109,909
		60,789	23,582,516

Variable: **B13L4** *Position:* 231 *Length:* 3

How many days in total did you take part in outdoor activities at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 365		3,205	1,314,172
996	Valid skip	57,358	22,179,700
999	Not stated	226	88,644
		60,789	23,582,516

Variable: **B14L4A** *Position:* 234 *Length:* 1

In which of the following outdoor activities did you participate on your trips to this location. ...Sightseeing in natural areas

		FREQ	WTD
1	Yes	2,342	960,562
2	No	940	378,882
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4B** *Position:* 235 *Length:* 1

...Photographing natural areas

		FREQ	WTD
1	Yes	1,190	475,755
2	No	2,092	863,690
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4C** *Position:* 236 *Length:* 1

...Gathering nuts, berries or firewood

		FREQ	WTD
1	Yes	498	182,473
2	No	2,784	1,156,971
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4D** *Position:* 237 *Length:* 1

...Picnicking

		FREQ	WTD
1	Yes	1,608	642,780
2	No	1,674	696,664
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4E** *Position:* 238 *Length:* 1

...Camping

		FREQ	WTD
1	Yes	955	368,367
2	No	2,327	971,077
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4F** *Position:* 239 *Length:* 1

...Swimming/beach activities

		FREQ	WTD
1	Yes	1,090	422,754
2	No	2,192	916,691
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4G** *Position:* 240 *Length:* 1

...Canoeing/kayaking/sailing

		FREQ	WTD
1	Yes	326	134,480
2	No	2,956	1,204,964
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4H** *Position:* 241 *Length:* 1

...Power boating

		FREQ	WTD
1	Yes	304	114,451
2	No	2,978	1,224,994
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4I** *Position:* 242 *Length:* 1

...Hiking/backpacking

		FREQ	WTD
1	Yes	1,209	505,386
2	No	2,073	834,059
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4J** *Position:* 243 *Length:* 1

...Climbing

		FREQ	WTD
1	Yes	234	94,445
2	No	3,048	1,245,000
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4K** *Position:* 244 *Length:* 1

...Horseback riding

		FREQ	WTD
1	Yes	60	22,617
2	No	3,222	1,316,828
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4L** *Position:* 245 *Length:* 1

...Cycling

		FREQ	WTD
1	Yes	399	176,208
2	No	2,883	1,163,237
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4M** *Position:* 246 *Length:* 1

...Off-road vehicle use

		FREQ	WTD
1	Yes	141	57,303
2	No	3,141	1,282,142
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4N** *Position:* 247 *Length:* 1

...Downhill skiing

		FREQ	WTD
1	Yes	207	100,188
2	No	3,075	1,239,257
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4O** *Position:* 248 *Length:* 1

...X-country skiing/snowshoeing

		FREQ	WTD
1	Yes	162	77,872
2	No	3,120	1,261,572
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4P** *Position:* 249 *Length:* 1

...Snowmobiling

		FREQ	WTD
1	Yes	118	36,709
2	No	3,164	1,302,736
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B14L4Q** *Position:* 250 *Length:* 1

...Relaxing in an outdoor setting

		FREQ	WTD
1	Yes	2,241	913,497
2	No	1,041	425,948
6	Valid skip	57,358	22,179,700
9	Not stated	149	63,372
		60,789	23,582,516

Variable: **B15L4A** *Position:* 251 *Length:* 1

Were any of the following activities secondary reasons for your trip to this location? ...Watching, feeding, photographing or studying wildlife?

		FREQ	WTD
1	Yes	1,162	476,067
2	No	2,269	926,749
6	Valid skip	57,358	22,179,700
		60,789	23,582,516

Variable: **B15L4B** *Position:* 252 *Length:* 1

...Fishing for recreation?

		FREQ	WTD
1	Yes	412	151,488
2	No	3,019	1,251,328
6	Valid skip	57,358	22,179,700
		60,789	23,582,516

Variable: **B15L4C** *Position:* 253 *Length:* 1

...Hunting wildlife ?

		FREQ	WTD
1	Yes	110	36,508
2	No	3,321	1,366,308
6	Valid skip	57,358	22,179,700
		60,789	23,582,516

Variable: **C1** *Position:* 254 *Length:* 1

In 1996, did you take any same-day or overnight trips within Canada for which the main reason was to watch, feed, photograph or study wildlife?

		FREQ	WTD
1	Yes	3,884	1,470,725
2	No	56,905	22,111,791
		60,789	23,582,516

Variable: **C2A** *Position:* 255 *Length:* 1

During these trips, in which activities did you participate in? ... Watching wildlife

		FREQ	WTD
1	Yes	3,256	1,222,223
2	No	214	81,127
6	Valid skip	56,905	22,111,791
9	Not stated	414	167,375
		60,789	23,582,516

Variable: **C2B** Position: 256 *Length:* 1

...Feeding wildlife?

		FREQ	WTD
1	Yes	970	366,040
2	No	2,500	937,310
6	Valid skip	56,905	22,111,791
9	Not stated	414	167,375
		60,789	23,582,516

Variable: **C2C** *Position:* 257 *Length:* 1

...Photographing wildlife?

		FREQ	WTD
1	Yes	1,763	674,025
2	No	1,707	629,325
6	Valid skip	56,905	22,111,791
9	Not stated	414	167,375
		60,789	23,582,516

Variable: **C2D** *Position:* 258 *Length:* 1

...Studying and identifying wildlife?

		FREQ	WTD
1	Yes	1,600	617,732
2	No	1,870	685,618
6	Valid skip	56,905	22,111,791
9	Not stated	414	167,375
		60,789	23,582,516

Variable: **C3A** *Position:* 259 *Length:* 1

Which of the following types of wildlife did you watch, feed, photograph or study on these trips?...Waterfowl

		FREQ	WTD
1	Yes	2,247	848,849
2	No	1,218	446,825
6	Valid skip	56,905	22,111,791
9	Not	419	175,051
		60,789	23,582,516

Variable: **C3B** *Position:* 260 *Length:* 1

...Other birds

		FREQ	WTD
1	Yes	2,376	901,022
2	No	1,089	394,651
6	Valid skip	56,905	22,111,791
9	Not stated	419	175,051
		60,789	23,582,516

Variable: **C3C** *Position:* 261 *Length:* 1

...Small mammals

		FREQ	WTD
1	Yes	1,921	717,433
2	No	1,544	578,241
6	Valid skip	56,905	22,111,791
9	Not stated	419	175,051
		60,789	23,582,516

Variable: **C3D** *Position:* 262 *Length:* 1

...Large mammals

		FREQ	WTD
1	Yes	1,820	636,464
2	No	1,645	659,210
6	Valid skip	56,905	22,111,791
9	Not stated	419	175,051
		60,789	23,582,516

Variable: **C3E** *Position:* 263 *Length:* 1

...Other wildlife

		FREQ	WTD
1	Yes	1,213	468,289
2	No	2,252	827,385
6	Valid skip	56,905	22,111,791
9	Not stated	419	175,051
		60,789	23,582,516

Variable: **C4B** *Position:* 264 *Length:* 3

How many of these trips did you take in 1996?...Same-day trips (see question C4A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 460		3,137	1,180,078
996	valid skip	57,172	22,212,888
999	Not stated	480	189,551
		60,789	23,582,516

Variable: **C4D** *Position:* 267 *Length:* 3

...Overnight trips (see question C4B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		1,970	754,977
996	Valid skip	58,518	22,713,004
999	Not stated	301	114,536
		60,789	23,582,516

Variable: **C5B** *Position:* 270 *Length:* 3

How many days during 1996 did you watch, feed, photograph or study wildlife while on these trips?...In your province or territory (see question C5A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		3,170	1,188,934
996	Valid skip	57,019	22,154,475
999	Not stated	600	239,107
		60,789	23,582,516

Variable: **C5D** *Position:* 273 *Length:* 3

...Elsewhere in Canada? (see question C5B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		1,445	547,172
996	Valid skip	59,050	22,919,885
999	Not stated	294	115,459
		60,789	23,582,516

Variable: **C6B** *Position:* 276 *Length:* 6

What was the total amount of money you personally spent on these trips to watch, feed, photograph or study wildlife in Canada in 1996?...Transportation (see question C6A on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002066		3,113	1,161,882
999996	Valid skip	56,905	22,111,791
999999	Not stated	771	308,843
		60,789	23,582,516

Variable: **C6D** *Position:* 282 *Length:* 6

...Accommodation (see question C6B on the questionnnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001704		3,113	1,161,882
999996	Valid skip	56,905	22,111,791
999999	Not stated	771	308,843
		60,789	23,582,516

Variable: **C6F** *Position:* 288 *Length:* 6

...Food (see question C6C on the questionnnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001225		3,113	1,161,882
999996	Valid skip	56,905	22,111,791
999999	Not stated	771	308,843
		60,789	23,582,516

Variable: **C6H** *Position:* 294 *Length:* 6

...Equipment primarily used for these activities.(see question C6D on the questionnnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002500		3,113	1,161,882
999996	Valid skip	56,905	22,111,791
999999	Not stated	771	308,843
		60,789	23,582,516

Variable: **C6J** *Position:* 300 *Length:* 6

...Other items. (see question C6E on the questionnnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 003000		3,113	1,161,882
999996	Valid skip	56,905	22,111,791
999999	Not stated	771	308,843
		60,789	23,582,516

Variable: **C7** *Position:* 306 *Length:* 1

Would you still have taken these trips if your cost had been more?

		FREQ	WTD
1	Yes	2,465	919,717
2	No	1,083	423,125
6	Valid skip	56,905	22,111,791
9	Not stated	336	127,883
		60,789	23,582,516

Variable: **C8** *Position:* 307 *Length:* 3

How much more would you have spent before deciding not to take these trips in 1996?

		FREQ	WTD
010	$10.00	559	207,911
035	$35.00	646	224,130
075	$75.00	517	193,661
150	$150.00	328	128,544
250	$250.00	134	51,918
350	$350.00	70	26,442
500	$500.00	35	13,733
600	$600.00	119	51,363
996	Valid skip	57,988	22,534,916
999	Not stated	393	149,898
		60,789	23,582,516

Variable: **C11L1** *Position:* 310 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	1,700	684,715
2	No/Don't know	1,592	542,537
6	Valid skip	56,905	22,111,791
9	Not stated	592	243,472
		60,789	23,582,516

Variable: **C13L1B** *Position:* 311 *Length:* 4

About how far from your residence was this location(Kilometers)? (see questionC13L1A on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 5000		3,051	1,134,626
9996	Valid skip	56,905	22,111,791
9999	Not stated	833	336,099
		60,789	23,582,516

Variable: **CL1PROV** *Position:* 315 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	158	34,771
11	Prince Edward Island	33	4,479
12	Nova Scotia	297	61,327
13	New Brunswick	182	37,598
24	Quebec	742	326,447
35	Ontario	867	385,043
46	Manitoba	216	42,779
47	Saskatchewan	120	27,660
48	Alberta	233	101,374
59	British Columbia	352	188,038
60	Yukon	56	3,189
61	North West Territories	5	1,570
63	Outside Canada	0	0
96	Valid skip	56,905	22,111,791
99	Unknown	623	256,449
		60,789	23,582,516

Variable: **C14L1B** *Position:* 317 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to watch, feed, photograph or study wildlife?...Same-day trips (see question C14L1A on the questionnaire.)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 360		2,711	992,551
996	Valid skip	57,256	22,261,318
999	Not stated	822	328,647
		60,789	23,582,516

Variable: **C14L1D** *Position:* 320 *Length:* 3

...Overnight trips (see question C14L1B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 130		1,283	495,816
996	Valid skip	58,684	22,758,054
999	Not stated	822	328,647
		60,789	23,582,516

Variable: **C15L1** *Position:* 323 *Length:* 3

How many days in total did you watch, feed, photograph or study wildlife at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 365		3,101	1,161,422
996	Valid skip	56,905	22,111,791
999	Not stated	783	309,303
		60,789	23,582,516

Variable: **C11L2** *Position:* 326 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	534	214,467
2	No/Don't know	495	181,125
6	Valid skip	59,760	23,186,924
		60,789	23,582,516

Variable: **C13L2B** *Position:* 327 *Length:* 4

About how far from your residence was this location?(Kilometers) (see question C13L2A on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 5000		921	354,851
9996	Valid skip	59,760	23,186,924
9999	Not stated	108	40,741
		60,789	23,582,516

Variable: **CL2PROV** *Position:* 331 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	37	7,884
11	Prince Edward Island	17	2,329
12	Nova Scotia	72	16,629
13	New Brunswick	57	13,035
24	Quebec	200	94,434
35	Ontario	268	111,084
46	Manitoba	51	11,311
47	Saskatchewan	35	8,476
48	Alberta	104	41,918
59	British Columbia	137	75,228
60	Yukon	14	1,498
61	North West Territories	1	29
63	Outside Canada	2	276
96	Valid skip	59,760	23,186,924
99	Unknown	34	11,460
		60,789	23,582,516

Variable: **C14L2B** *Position:* 333 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to watch, feed, photogaraph or study wildlife?...Same-day trips (see question C14L2A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 365		773	292,887
996	Valid skip	59,914	23,250,445
999	Not stated	102	39,184
		60,789	23,582,516

Variable: **C14L2D** *Position:* 336 *Length:* 3

...Overnight trips (see question C14L2B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 060		394	156,266
996	Valid skip	60,293	23,387,067
999	Not stated	102	39,184
		60,789	23,582,516

Variable: **C15L2** *Position:* 339 *Length:* 3

How many days in total did you watch, feed, photograph or study wildlife at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 365		940	363,987
996	Valid skip	59,760	23,186,924
999	Not stated	89	31,605
		60,789	23,582,516

Variable: **C11L3** *Position:* 342 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	243	98,940
2	No/Don't know	223	85,450
6	Valid skip	60,323	23,398,125
		60,789	23,582,516

Variable: **C13L3B** *Position:* 343 *Length:* 4

About how far from your residence was this location?(Kilometers) (see question C13L3A on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 5000		417	166,068
9996	Valid skip	60,323	23,398,125
9999	Not stated	49	18,323
		60,789	23,582,516

Variable: **CL3PROV** *Position:* 347 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	15	3,034
11	Prince Edward Island	7	2,166
12	Nova Scotia	29	6,566
13	New Brunswick	19	4,590
24	Quebec	77	36,669
35	Ontario	136	58,028
46	Manitoba	25	5,594
47	Saskatchewan	16	4,153
48	Alberta	42	19,499
59	British Columbia	71	35,160
60	Yukon	7	1,418
61	North West Territories	2	520
63	Outside Canada	1	1,437
96	Valid skip	60,323	23,398,125
99	Unknown	19	5,558
		60,789	23,582,516

Variable: **C14L3B** *Position:* 349 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to watch, feed, photograph or study wildlife?...Same-day trips (see question C14L3A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 200		347	139,739
996	Valid skip	60,386	23,423,494
999	Not stated	56	19,284
		60,789	23,582,516

Variable: **C14L3D** *Position:* 352 *Length:* 3

...Overnight trips (see question C14L3B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 022		169	69,730
996	Valid skip	60,564	23,493,502
999	Not stated	56	19,284
		60,789	23,582,516

Variable: **C15L3** *Position:* 355 *Length:* 3

How many days in total did you watch, feed, photograph or study wildlife at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 200		413	167,486
996	Valid skip	60,323	23,398,125
999	Not stated	53	16,905
		60,789	23,582,516

Variable: **D1** *Position:* 358 *Length:* 1

During 1996, did you watch, feed, photograph or study wildlife around your residence?

		FREQ	WTD
1	Yes	25,175	9,029,733
2	No	35,614	14,552,783
		60,789	23,582,516

Variable: **D2A** *Position:* 359 *Length:* 1

In which of the following activities did you participate around you residence? ...Purchasing or putting out special feed for wildlife.

		FREQ	WTD
1	Yes	15,055	5,169,829
2	No	9,162	3,497,877
6	Valid skip	35,614	14,552,783
9	Not stated	958	362,027
		60,789	23,582,516

Variable: **D2B** *Position:* 360 *Length:* 1

...Watching wildlife

		FREQ	WTD
1	Yes	21,316	7,601,999
2	No	2,901	1,065,707
6	Valid skip	35,614	14,552,783
9	Not stated	958	362,027
		60,789	23,582,516

Variable: **D2C** *Position:* 361 *Length:* 1

...Studying and identifying different types of wildlife

		FREQ	WTD
1	Yes	10,901	3,910,264
2	No	13,316	4,757,442
6	Valid skip	35,614	14,552,783
9	Not stated	958	362,027
		60,789	23,582,516

Variable: **D2D** *Position:* 362 *Length:* 1

...Maintaining plants, shrubs or birdhouses to attract, feed or shelter wildlife

		FREQ	WTD
1	Yes	13,832	4,751,083
2	No	10,385	3,916,623
6	Valid skip	35,614	14,552,783
9	Not stated	958	362,027
		60,789	23,582,516

Variable: **D2E** *Position:* 363 *Length:* 1

...Photographing wildlife around your residence?

		FREQ	WTD
1	Yes	5,631	2,000,129
2	No	18,586	6,667,577
6	Valid skip	35,614	14,552,783
9	Not stated	958	362,027
		60,789	23,582,516

Variable: **D3A** *Position:* 364 *Length:* 1

Which of the following types of wildlife did you watch, feed, photograph or study around your residence?
...Waterfowl

		FREQ	WTD
1	Yes	7,008	2,407,968
2	No	17,188	6,251,240
6	Valid skip	35,614	14,552,783
9	Not stated	979	370,525
		60,789	23,582,516

Variable: **D3B** *Position:* 365 *Length:* 1

...Other birds

		FREQ	WTD
1	Yes	22,948	8,192,686
2	No	1,248	466,523
6	Valid skip	35,614	14,552,783
9	Not stated	979	370,525
		60,789	23,582,516

Variable: **D3C** *Position:* 366 *Length:* 1

...Small mammals

		FREQ	WTD
1	Yes	14,116	5,166,767
2	No	10,080	3,492,441
6	Valid skip	35,614	14,552,783
9	Not stated	979	370,525
		60,789	23,582,516

Variable: **D3D** *Position:* 367 *Length:* 1

...Large mammals

		FREQ	WTD
1	Yes	5,427	1,689,826
2	No	18,769	6,969,382
6	Valid skip	35,614	14,552,783
9	Not stated	979	370,525
		60,789	23,582,516

Variable: **D3E** *Position:* 368 *Length:* 1

...Other wildlife

		FREQ	WTD
1	Yes	5,259	1,843,519
2	No	18,937	6,815,689
6	Valid skip	35,614	14,552,783
9	Not stated	979	370,525
		60,789	23,582,516

Variable: **D4** *Position:* 369 *Length:* 3

On how many different days did you participate in these activities around your residence in 1996?

		FREQ	WTD
005	5 Days	2,742	1,096,388
015	15 Days	2,256	847,572
035	35 Days	3,002	1,094,107
075	75 Days	3,171	1,145,028
125	125 Days	2,217	805,307
175	175 Days	1,619	593,720
283	283 Days	8,991	3,025,169
996	Valid skip	35,614	14,552,783
999	Not stated	1,177	422,441
		60,789	23,582,516

Variable: **D5** *Position:* 372 *Length:* 3

What was the total amount of money you personally spent to participate in these activities around your residence in 1996?

		FREQ	WTD
000	$0.00	8,646	3,164,277
003	$3.00	1,190	452,898
007	$7.00	1,400	506,282
017	$17.00	3,817	1,383,639
037	$37.00	3,592	1,243,329
075	$75.00	2,799	981,828
150	$150.00	1,644	576,163
200	$200.00	1,060	363,174
996	Valid skip	35,614	14,552,783
999	Not stated	1,027	358,143
		60,789	23,582,516

Variable: **E1** *Position:* 375 *Length:* 1

In 1996, did you take any same-day or overnight trips within Canada for which the main reason was to fish for recreation?

		FREQ	WTD
1	Yes	8,919	3,112,539
2	No	51,870	20,469,977
		60,789	23,582,516

Variable: **E2** *Position:* 376 *Length:* 1

Did you catch any fish on these trips?

		FREQ	WTD
1	Yes	6,875	2,353,588
2	No	1,598	600,235
6	Valid skip	51,870	20,469,977
9	Not stated	446	158,716
		60,789	23,582,516

Variable: **E3B** *Position:* 377 *Length:* 3

How many of these trips did you take in 1996?...Same-day trips (see question E3A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 440		6,813	2,334,674
996	valid skip	53,184	20,962,442
999	Not stated	792	285,400
		60,789	23,582,516

Variable: **E3D** *Position:* 380 *Length:* 3

...Overnight trips (see question E3B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 100		5,222	1,849,074
996	Valid skip	54,921	21,500,270
999	Not stated	646	233,172
		60,789	23,582,516

Variable: **E4B** *Position:* 383 *Length:* 3

Enter the number of days you spent fishing for recreation in Canada in 1996 beside the water body where you fished....Freshwater lakes, rivers, streams? (see question E4A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 230		7,484	2,595,383
996	Valid skip	52,146	20,578,860
999	Not stated	1,159	408,274
		60,789	23,582,516

Variable: **E4D** *Position:* 386 *Length:* 3

...Pacific Ocean? (see question E4B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 070		307	147,227
996	Valid skip	60,391	23,395,649
999	Not stated	91	39,640
		60,789	23,582,516

Variable: **E4F** *Position:* 389 *Length:* 3

...Atlantic Ocean? (see question E4C on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 100		366	76,058
996	Valid skip	60,160	23,452,806
999	Not stated	263	53,652
		60,789	23,582,516

Variable: **E5B** *Position:* 392 *Length:* 6

What was the total amount of money you personally spent on these recreational fishing trips in Canada in 1996?...Transportation (see question E5A on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 004642		7,494	2,596,201
999996	Valid skip	51,870	20,469,977
999999	Not stated	1,425	516,338
		60,789	23,582,516

Variable: **E5D** *Position:* 398 *Length:* 6

...Accommodation (see question E5B on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001601		7,494	2,596,201
999996	Valid skip	51,870	20,469,977
999999	Not stated	1,425	516,338
		60,789	23,582,516

Variable: **E5F** *Position:* 404 *Length:* 6

...Food (see question E5C on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001067		7,494	2,596,201
999996	Valid skip	51,870	20,469,977
999999	Not stated	1,425	516,338
		60,789	23,582,516

Variable: **E5H** *Position:* 410 *Length:* 6

...Equipment primarily used for these activities (see question E5D on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 025667		7,494	2,596,201
999996	Valid skip	51,870	20,469,977
999999	Not stated	1,425	516,338
		60,789	23,582,516

Variable: **E5J** *Position:* 416 *Length:* 6

...Other items (see question E5E on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 003119		7,494	2,596,201
999996	Valid skip	51,870	20,469,977
999999	Not stated	1,425	516,338
		60,789	23,582,516

Variable: **E6** *Position:* 422 *Length:* 1

Would you still have taken these trips if your cost had been more?

		FREQ	WTD
1	Yes	5,637	1,940,136
2	No	2,513	909,267
6	Valid skip	51,870	20,469,977
9	Not stated	769	263,136
		60,789	23,582,516

Variable: **E7** *Position:* 423 *Length:* 3

How much more would you have spent before deciding not to take these trips in 1996?

		FREQ	WTD
025	$25.00	1,920	638,632
075	$75.00	1,530	516,194
150	$150.00	1,043	382,090
300	$300.00	542	186,966
600	$600.00	212	80,233
800	$800.00	256	90,440
996	Valid skip	54,383	21,379,245
999	Not stated	903	308,717
		60,789	23,582,516

Variable: **E10L1** *Position:* 426 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	2,212	793,473
2	No/Don't know	5,993	2,059,365
6	Valid skip	51,870	20,469,977
9	Not stated	714	259,701
		60,789	23,582,516

Variable: **E12L1B** *Position:* 427 *Length:* 4

About how far from your residence was this location?(Kilometers) (see question E12L1A on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 5000		7,791	2,676,826
9996	Valid skip	51,870	20,469,977
9999	Not stated	1,128	435,713
		60,789	23,582,516

Variable: **EL1PROV** *Position:* 431 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	596	110,181
11	Prince Edward Island	143	12,310
12	Nova Scotia	476	84,815
13	New Brunswick	418	78,210
24	Quebec	1,826	755,342
35	Ontario	2,239	949,125
46	Manitoba	552	103,900
47	Saskatchewan	463	114,383
48	Alberta	428	187,316
59	British Columbia	726	377,853
60	Yukon	174	6,012
61	North West Territories	12	3,298
63	Outside Canada	0	0
96	Valid skip	51,870	20,469,977
99	Unknown	866	329,794
		60,789	23,582,516

Variable: **E13L1B** *Position:* 433 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to fish for recreation?...Same-day trips (see question E13L1A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 300		6,195	2,100,343
996	Valid skip	53,442	21,060,862
999	Not stated	1,152	421,312
		60,789	23,582,516

Variable: **E13L1D** *Position:* 436 *Length:* 3

...Overnight trips (see question E13L1B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 100		3,960	1,384,387
996	Valid skip	55,677	21,776,817
999	Not stated	1,152	421,312
		60,789	23,582,516

Variable: **E14L1** *Position:* 439 *Length:* 3

How many days in total did you take part in fishing activities at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 300		7,842	2,714,447
996	Valid skip	51,870	20,469,977
999	Not stated	1,077	398,092
		60,789	23,582,516

Variable: **E10L2** *Position:* 442 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	801	291,790
2	No/Don't know	1,494	523,483
6	Valid skip	58,484	22,764,599
9	Not stated	10	2,645
		60,789	23,582,516

Variable: **E12L2B** *Position:* 443 *Length:* 4

About how far from your residence was this location?(Kilometers) (see question E12L2A on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 5000		2,145	754,158
9996	Valid skip	58,484	22,764,599
9999	Not stated	160	63,760
		60,789	23,582,516

Variable: **EL2PROV** *Position:* 447 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	126	24,371
11	Prince Edward Island	31	4,381
12	Nova Scotia	124	26,692
13	New Brunswick	96	19,131
24	Quebec	422	178,150
35	Ontario	684	279,184
46	Manitoba	158	32,203
47	Saskatchewan	142	34,143
48	Alberta	164	70,905
59	British Columbia	255	127,900
60	Yukon	42	2,413
61	North West Territories	2	315
63	Outside Canada	0	0
96	Valid skip	58,484	22,764,599
99	Unknown	59	18,129
		60,789	23,582,516

Variable: **E13L2B** *Position:* 449 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to fish for recreation? ...Same-day trips (see question E13L2A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 200		1,674	578,790
996	Valid skip	58,963	22,946,099
999	Not stated	152	57,628
		60,789	23,582,516

Variable: **E13L2D** *Position:* 452 *Length:* 3

...Overnight trips (see question E13L2B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 024		2,153	760,290
996	Valid skip	58,484	22,764,599
999	Not stated	152	57,628
		60,789	23,582,516

Variable: **E14L2** *Position:* 455 *Length:* 3

How many days in total did you take part in fishing activities at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 200		2,164	765,639
996	Valid skip	58,482	22,763,224
999	Not stated	143	53,652
		60,789	23,582,516

Variable: **E10L3** *Position:* 458 *Length:* 1

Was this location in a national or provincial park or other protected area?

		FREQ	WTD
1	Yes	286	97,529
2	No/Don't know	566	202,225
6	Valid skip	59,937	23,282,762
		60,789	23,582,516

Variable: **E12L3B** *Position:* 459 *Length:* 4

About how far from your residence was this location? (Kilometers) (see question E12L3A on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 2500		786	275,293
9996	Valid skip	59,937	23,282,762
9999	Not stated	66	24,461
		60,789	23,582,516

Variable: **EL3PROV** *Position:* 463 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	35	7,421
11	Prince Edward Island	6	477
12	Nova Scotia	53	10,373
13	New Brunswick	29	5,070
24	Quebec	128	52,242
35	Ontario	259	105,615
46	Manitoba	64	12,089
47	Saskatchewan	60	15,036
48	Alberta	47	19,727
59	British Columbia	123	63,240
60	Yukon	21	527
61	North West Territories	0	0
63	Outside Canada	0	0
96	Valid skip	59,937	23,282,762
99	Unknown	27	7,937
		60,789	23,582,516

Variable: **E13L3B** *Position:* 465 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to fish for recreation? ...Same-day trips (see question E13L3A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 068		613	215,946
996	Valid skip	60,111	23,346,487
999	Not stated	65	20,083
		60,789	23,582,516

Variable: **E13L3D** *Position:* 468 *Length:* 3

...Overnight trips (see question E13L3B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 027		357	125,760
996	Valid skip	60,367	23,436,673
999	Not stated	65	20,083
		60,789	23,582,516

Variable: **E14L3** *Position:* 471 *Length:* 3

How many days in total did you take part in fishing activities at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 050		785	278,137
996	Valid skip	59,935	23,281,388
999	Not stated	69	22,992
		60,789	23,582,516

Variable: **F1** *Position:* 474 *Length:* 1

In 1996, did you hunt wildlife in Canada?

		FREQ	WTD
1	Yes	3,560	995,685
2	No	57,229	22,586,832
		60,789	23,582,516

Variable: **F2B** *Position:* 475 *Length:* 3

How many same-day and overnight trips did you take to hunt wildlife in 1996? ...Same-day trips (see question F2A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 130		2,669	739,433
996	Valid skip	57,851	22,773,219
999	Not stated	269	69,864
		60,789	23,582,516

Variable: **F2D** *Position:* 478 *Length:* 3

...Overnight trips (see question F2B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 070		2,286	652,879
996	Valid skip	58,257	22,863,376
999	Not stated	246	66,262
		60,789	23,582,516

Variable: **F3** *Position:* 481 *Length:* 3

How many days in total did you hunt wildlife in 1996?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 170		3,276	917,760
996	Valid skip	57,229	22,586,832
999	Not stated	284	77,924
		60,789	23,582,516

Variable: **F4H1** *Position:* 484 *Length:* 1

Did you hunt waterfowl in Canada during 1996?

		FREQ	WTD
1	Yes	844	235,362
2	No	2,716	760,322
6	Valid skip	57,229	22,586,832
		60,789	23,582,516

Variable: **F5H1** *Position:* 485 *Length:* 1

Did you harvest any waterfowl?

		FREQ	WTD
1	Yes	526	150,822
2	No	249	66,590
6	Valid skip	59,945	23,347,154
9	Not stated	69	17,951
		60,789	23,582,516

Variable: **F6H1B** *Position:* 486 *Length:* 3

In 1996 how many same-day and overnight trips did you take to hunt Waterfowl? ...Same-day trips (see question F6H1A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 099		618	172,266
996	Valid skip	60,059	23,382,676
999	Not stated	112	27,574
		60,789	23,582,516

Variable: **F6H1D** *Position:* 489 *Length:* 3

...Overnight trips (see question F6H1B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 060		368	107,080
996	Valid skip	60,353	23,458,131
999	Not stated	68	17,305
		60,789	23,582,516

Variable: **F7H1B** *Position:* 492 *Length:* 3

How many days during 1996 did you hunt Waterfowl? ...In your province or territory ... (see question F7H1A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 104		701	197,239
996	Valid skip	59,967	23,355,025
999	Not stated	121	30,253
		60,789	23,582,516

Variable: **F7H1D** *Position:* 495 *Length:* 3

...Elsewhere in Canada? (see question F7H1B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 050		199	56,335
996	Valid skip	60,556	23,517,961
999	Not stated	34	8,220
		60,789	23,582,516

Variable: **F8H1B** *Position:* 498 *Length:* 6

What was the total amount of money you personally spent to hunt Waterfowl in Canada in 1996?...Transportation (see question F8H1A on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001795		668	191,204
999996	Valid skip	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
999999	Not stated	101	25,664
		60,789	23,582,516

Variable: **F8H1D** *Position:* 504 *Length:* 6

...Accommodation (see question F8H1B on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000417		668	191,204
999996	Valid skip	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
999999	Not stated	101	25,664
		60,789	23,582,516

Variable: **F8H1F** *Position:* 510 *Length:* 6

...Food (see question F8H1C on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000445		668	191,204
999996	Valid skip	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
999999	Not stated	101	25,664
		60,789	23,582,516

Variable: **F8H1H** *Position:* 516 *Length:* 6

...Equipment primarily used for these activities (see question F8H1D on questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002476		668	191,204
999996	Valid skip	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
999999	Not stated	101	25,664
		60,789	23,582,516

Variable: **F8H1J** *Position:* 522 *Length:* 6

...Other items (see question F8H1E on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000491		668	191,204
999996	Valid skip	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
999999	Not stated	101	25,664
		60,789	23,582,516

Variable: **F9H1** *Position:* 528 *Length:* 1

Would you still have taken these trips if your cost had been more?

		FREQ	WTD
1	Yes	570	159,790
2	No	187	55,323
6	Valid skip	59,945	23,347,154
9	Not stated	87	20,249
		60,789	23,582,516

Variable: **F10H1** *Position:* 529 *Length:* 3

How much more would you have spent before deciding not to take these trips in 1996?

		FREQ	WTD
025	$25.00	199	53,856
075	$75.00	138	43,359
150	$150.00	102	24,643
300	$300.00	57	17,547
600	$600.00	19	6,530
800	$800.00	38	9,730
996	Valid skip	60,132	23,402,477
999	Not stated	104	24,374
		60,789	23,582,516

Variable: **F14H1BL1** *Position:* 532 *Length:* 4

About how far from your residence was this location?(Kilometers) (see question F14H1AL1 on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 3000		765	214,295
9996	Valid skip	59,945	23,347,154
9999	Not stated	79	21,067
		60,789	23,582,516

Variable: **FH1L1PRO** *Position:* 536 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	88	15,400
11	Prince Edward Island	39	3,122
12	Nova Scotia	67	9,575
13	New Brunswick	52	10,724
24	Quebec	109	42,242
35	Ontario	180	71,223
46	Manitoba	99	17,685
47	Saskatchewan	64	13,529
48	Alberta	63	27,116
59	British Columbia	16	8,073
60	Yukon	9	213
61	North West Territories	1	22
63	Outside Canada	0	0
96	Valid skip	59,945	23,347,154
99	Unknown	57	16,438
		60,789	23,582,516

Variable: **F15H1BL1** *Position:* 538 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to hunt Waterfowl? ...Same-day trips (see question F15H1AL1 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 099		618	169,529
996	Valid skip	60,055	23,382,696
999	Not stated	116	30,291
		60,789	23,582,516

Variable: **F15H1DL1** *Position:* 541 *Length:* 3

...Overnight trips (see question F15H1BL1 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 052		317	89,644
996	Valid skip	60,356	23,462,580
999	Not stated	116	30,291
		60,789	23,582,516

Variable: **F16H1L1** *Position:* 544 *Length:* 3

How many days in total did you hunt waterfowl at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 104		751	210,929
996	Valid skip	59,945	23,347,154
999	Not stated	93	24,433
		60,789	23,582,516

Variable: **F14H1BL2** *Position:* 547 *Length:* 4

About how far from your residence was this location?(Kilometers) (see question F14H1AL2 on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 2000		131	38,174
9996	Valid skip	60,639	23,538,375
9999	Not stated	19	5,967
		60,789	23,582,516

Variable: **FH1L2PRO** *Position:* 551 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	7	1,464
11	Prince Edward Island	6	636
12	Nova Scotia	14	2,005
13	New Brunswick	10	1,691
24	Quebec	21	9,558
35	Ontario	26	9,262
46	Manitoba	20	3,548
47	Saskatchewan	15	3,287
48	Alberta	11	4,178
59	British Columbia	5	2,815
60	Yukon	1	11
61	North West Territories	0	0
63	Outside Canada	0	0
96	Valid skip	60,639	23,538,375
99	Unknown	14	5,687
		60,789	23,582,516

Variable: **F15H1BL2** *Position:* 553 *Length:* 3

In 1996 how many same-day and overnight trips did you take to hunt Waterfowl? ...Same-day trips (see question F15H1AL2 on questionnaire)

Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 050		100	28,147
996	Valid skip	60,668	23,548,084
999	Not stated	21	6,285
		60,789	23,582,516

Variable: **F15H1DL2** *Position:* 556 *Length:* 3

...Overnight trips (see question F15H1BL2 on questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 015		63	16,864
996	Valid skip	60,705	23,559,367
999	Not stated	21	6,285
		60,789	23,582,516

Variable: **F16H1L2** *Position:* 559 *Length:* 3

How many days in total did you hunt waterfowl at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 050		130	38,213
996	Valid skip	60,639	23,538,375
999	Not stated	20	5,929
		60,789	23,582,516

Variable: **F4H2** *Position:* 562 *Length:* 1

In 1996, did you hunt other birds in Canada?

		FREQ	WTD
1	Yes	1,282	374,726
2	No	2,278	620,959
6	Valid skip	57,229	22,586,832
		60,789	23,582,516

Variable: **F5H2** *Position:* 563 *Length:* 1

Did you harvest any other birds?

		FREQ	WTD
1	Yes	892	258,148
2	No	259	77,883
6	Valid skip	59,507	23,207,790
9	Not stated	131	38,695
		60,789	23,582,516

Variable: **F6H2B** *Position:* 564 *Length:* 3

In 1996 how many same-day and overnight trips did you take to hunt Other birds? ...Same-day trips (see question F6H2A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 090		1,097	316,547
996	Valid skip	59,633	23,250,131
999	Not stated	59	15,838
		60,789	23,582,516

Variable: **F6H2D** *Position:* 567 *Length:* 3

...Overnight trips (see question F6H2B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 365		634	188,254
996	Valid skip	60,120	23,385,288
999	Not stated	35	8,974
		60,789	23,582,516

Variable: **F7H2B** *Position:* 570 *Length:* 3

How many days during 1996 did you hunt Other birds? ...In your province or territory (see question F7H2A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 104		701	197,239
996	Valid skip	59,967	23,355,025
999	Not stated	121	30,253
		60,789	23,582,516

Variable: **F7H2D** *Position:* 573 *Length:* 3

...Elsewhere in Canada? (see question F7H2B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 050		377	108,179
996	Valid skip	60,382	23,466,967
999	Not stated	30	7,370
		60,789	23,582,516

Variable: **F8H2B** *Position:* 576 *Length:* 6

What was the total amount of money you personally spent to hunt Other birds in Canada in 1996?...Transportation (see question F8H2A on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000467		1,059	314,458
999996	Valid skip	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
999999	Not stated	140	35,685
		60,789	23,582,516

Variable: **F8H2D** *Position:* 582 *Length:* 6

...Accommodation (see question F8H2B on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000299		1,060	314,836
999996	Valid skip	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
999999	Not stated	139	35,307
		60,789	23,582,516

Variable: **F8H2F** *Position:* 588 *Length:* 6

...Food (see question F8H2C on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000460		1,061	315,025
999996	Valid skip	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
999999	Not stated	138	35,118
		60,789	23,582,516

Variable: **F8H2H** *Position:* 594 *Length:* 6

...Equipment primarily used for these activities (see question F8H2D on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 004571		1,061	315,026
999996	Valid skip	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
999999	Not stated	138	35,118
		60,789	23,582,516

Variable: **F8H2J** *Position:* 600 *Length:* 6

...Other items (see question F8H2E on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001633		1,061	315,025
999996	Valid skip	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
999999	Not stated	138	35,118
		60,789	23,582,516

Variable: **F9H2** *Position:* 606 *Length:* 1

Would you still have taken these trips if your cost had been more?

		FREQ	WTD
1	Yes	813	237,439
2	No	349	99,158
6	Valid skip	59,507	23,207,790
9	Not stated	120	38,129
		60,789	23,582,516

Variable: **F10H2** *Position:* 607 *Length:* 3

How much more would you have spent before deciding not to take these trips in 1996?

		FREQ	WTD
025	$25.00	382	109,576
075	$75.00	214	64,315
150	$150.00	99	29,234
300	$300.00	46	13,101
600	$600.00	12	3,205
800	$800.00	29	7,351
996	Valid skip	59,856	23,306,948
999	Not stated	151	48,786
		60,789	23,582,516

Variable: **F14H2BL1** *Position:* 610 *Length:* 4

About how far from your residence was this location?(Kilometers) (see question F14H2AL1 on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 1600		1,125	328,821
9996	Valid skip	59,507	23,207,790
9999	Not stated	157	45,905
		60,789	23,582,516

Variable: **FH2L1PRO** *Position:* 614 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	57	11,440
11	Prince Edward Island	18	1,345
12	Nova Scotia	96	17,427
13	New Brunswick	173	33,043
24	Quebec	320	114,232
35	Ontario	285	95,814
46	Manitoba	49	8,268
47	Saskatchewan	56	12,880
48	Alberta	36	16,072
59	British Columbia	45	24,496
60	Yukon	19	422
61	North West Territories	0	0
63	Outside Canada	0	0
96	Valid skip	59,507	23,207,790
99	Unknown	128	39,287
		60,789	23,582,516

Variable: **F15H2BL1** *Position:* 616 *Length:* 3

In 1996 how many same-day and overnight trips did you take to this location to hunt Other birds?...Same-day trips (see question F15H2AL1 on the questionnaire.)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 080		926	265,935
996	Valid skip	59,657	23,259,226
999	Not stated	206	57,356
		60,789	23,582,516

Variable: **F15H2DL1** *Position:* 619 *Length:* 3

...Overnight trips (see question F15H2BL1 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 365		472	143,766
996	Valid skip	60,111	23,381,394
999	Not stated	206	57,356
		60,789	23,582,516

Variable: **F16H2L1** *Position:* 622 *Length:* 3

How many days in total did you hunt other birds at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 365		1,101	323,338
996	Valid skip	59,507	23,207,790
999	Not stated	181	51,388
		60,789	23,582,516

Variable: **F14H2BL2** *Position:* 625 *Length:* 4

About how far from your residence was this location? (kilometers) (see question F14H2AL2 on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 1400		184	57,317
9996	Valid skip	60,579	23,516,844
9999	Not stated	26	8,355
		60,789	23,582,516

Variable: **FH2L2PRO** *Position:* 629 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	7	1,509
11	Prince Edward Island	2	221
12	Nova Scotia	18	3,996
13	New Brunswick	35	7,268
24	Quebec	45	19,098
35	Ontario	53	16,766
46	Manitoba	10	1,668
47	Saskatchewan	7	1,558
48	Alberta	6	2,706
59	British Columbia	10	6,065
60	Yukon	1	19
61	North West Territories	0	0
63	Outside Canada	0	0
96	Valid skip	60,579	23,516,844
99	Unknown	16	4,798
		60,789	23,582,516

Variable: **F15H2BL2** *Position:* 631 *Length:* 3

In 1996 how many same-day and overnight trips did you take to this location to hunt Other birds?...Same-day trips (see question F15H2AL2 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 030		150	44,870
996	Valid skip	60,604	23,525,953
999	Not stated	35	11,693
		60,789	23,582,516

Variable: **F15H2DL2** *Position:* 634 *Length:* 3

...Overnight trips (see question F15H2BL2 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 010		82	25,307
996	Valid skip	60,672	23,545,516
999	Not stated	35	11,693
		60,789	23,582,516

Variable: **F16H2L2** *Position:* 637 *Length:* 3

How many days in total did you hunt other birds at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 030		180	55,743
996	Valid skip	60,579	23,516,844
999	Not stated	30	9,929
		60,789	23,582,516

Variable: **F4H3** *Position:* 640 *Length:* 1

In 1996, did you hunt any small game mammals wildlife in Canada?

		FREQ	WTD
1	Yes	838	230,452
2	No	2,722	765,232
6	Valid skip	57,229	22,586,832
		60,789	23,582,516

Variable: **F5H3** *Position:* 641 *Length:* 1

Did you harvest any small game mammals wildlife?

		FREQ	WTD
1	Yes	550	142,036
2	No	206	66,724
6	Valid skip	59,951	23,352,064
9	Not stated	82	21,692
		60,789	23,582,516

Variable: **F6H3B** *Position:* 642 *Length:* 3

In 1996 how many same-day and overnight trips did you take to hunt Small game mammals? ...Same-day trips (see question F6H3A on the questionnaire)

Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 200		711	195,996
996	Valid skip	60,027	23,372,243
999	Not stated	51	14,278
		60,789	23,582,516

Variable: **F6H3D** *Position:* 645 *Length:* 3

...Overnight trips (see question F6H3B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 028		368	99,067
996	Valid skip	60,398	23,478,028
999	Not stated	23	5,422
		60,789	23,582,516

Variable: **F7H3B** *Position:* 648 *Length:* 3

How many days during 1996 did you hunt Small game mammals? ...In your province or territory (see question F7H3A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		774	213,613
996	Valid skip	59,955	23,352,516
999	Not stated	60	16,387
		60,789	23,582,516

Variable: **F7H3D** *Position:* 651 *Length:* 3

...Elsewhere in Canada? (see question F7H3B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 025		257	67,901
996	Valid skip	60,513	23,508,233
999	Not stated	19	6,382
		60,789	23,582,516

Variable: **F8H3B** *Position:* 654 *Length:* 6

What was the total amount of money you personally spent to hunt Small game mammals in Canada in 1996?...Transportation (see question F8H3A on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000418		644	183,617
999996	Valid skip	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
999999	Not stated	101	23,986
		60,789	23,582,516

Variable: **F8H3D** *Position:* 660 *Length:* 6

...Accommodation (see question F8H3B on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001050		643	183,427
999996	Valid skip	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
999999	Not stated	102	24,175
		60,789	23,582,516

Variable: **F8H3F** *Position:* 666 *Length:* 6

...Food (see question F8H3C on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002100		644	183,617
999996	Valid skip	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
999999	Not stated	101	23,986
		60,789	23,582,516

Variable: **F8H3H** *Position:* 672 *Length:* 6

...Equipment primarily used for these activities (see question F8H3D on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 035000		644	183,617
999996	Valid skip	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
999999	Not stated	101	23,986
		60,789	23,582,516

Variable: **F8H3J** *Position:* 678 *Length:* 6

...Other items (see question F8H3E on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001000		644	183,617
999996	Valid skip	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
999999	Not stated	101	23,986
		60,789	23,582,516

Variable: **F9H3** *Position:* 684 *Length:* 1

Would you still have taken these trips if your cost had been more?

		FREQ	WTD
1	Yes	540	145,831
2	No	218	62,368
6	Valid skip	59,951	23,352,064
9	Not stated	80	22,254
		60,789	23,582,516

Variable: **F10H3** *Position:* 685 *Length:* 3

How much more would you have spent before deciding not to take these trips in 1996?

		FREQ	WTD
025	$25.00	295	78,912
075	$75.00	126	33,715
150	$150.00	55	13,634
300	$300.00	28	7,471
600	$600.00	10	2,648
800	$800.00	12	4,740
996	Valid skip	60,169	23,414,432
999	Not stated	94	26,964
		60,789	23,582,516

Variable: **F14H3BL1** *Position:* 688 *Length:* 4

About how far from your residence was this location? (Kilometers) - (see question F14H3AL1 on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 2000		700	191,242
9996	Valid skip	59,951	23,352,064
9999	Not stated	138	39,210
		60,789	23,582,516

Variable: **FH3L1PRO** *Position:* 692 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	114	19,815
11	Prince Edward Island	9	709
12	Nova Scotia	148	25,790
13	New Brunswick	66	12,418
24	Quebec	181	66,599
35	Ontario	136	54,322
46	Manitoba	24	4,104
47	Saskatchewan	19	4,187
48	Alberta	18	7,548
59	British Columbia	6	3,331
60	Yukon	11	227
61	North West Territories	1	101
63	Outside Canada	0	0
96	Valid skip	59,951	23,352,064
99	Unknown	105	31,301
		60,789	23,582,516

Variable: **F15H3BL1** *Position:* 694 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to hunt Small game mammals?...Same-day trips (see question F15HAL1 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 200		603	163,553
996	Valid skip	60,017	23,372,050
999	Not stated	169	46,914
		60,789	23,582,516

Variable: **F15H3DL1** *Position:* 697 *Length:* 3

...Overnight trips (see question F15HBL1 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 365		273	76,452
996	Valid skip	60,347	23,459,151
999	Not stated	169	46,914
		60,789	23,582,516

Variable: **F16H3L1** *Position:* 700 *Length:* 3

How many days in total did you hunt small game mammals at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 365		651	177,158
996	Valid skip	59,951	23,352,064
999	Not stated	187	53,294
		60,789	23,582,516

Variable: **F14H3BL2** *Position:* 703 *Length:* 4

About how far from your residence was this location? ((Kilometers) - (see question F14H3AL2 on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 2000		94	29,385
9996	Valid skip	60,681	23,547,406
9999	Not stated	14	5,724
		60,789	23,582,516

Variable: **FH3L2PRO** *Position:* 707 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	9	1,814
11	Prince Edward Island	0	0
12	Nova Scotia	28	5,654
13	New Brunswick	11	2,322
24	Quebec	23	10,977
35	Ontario	13	4,761
46	Manitoba	2	556
47	Saskatchewan	5	1,221
48	Alberta	5	2,516
59	British Columbia	1	546
60	Yukon	0	0
61	North West Territories	0	0
63	Outside Canada	0	0
96	Valid skip	60,681	23,547,406
99	Unknown	11	4,744
		60,789	23,582,516

Variable: **F15H3BL2** *Position:* 709 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to hunt Small game mammals?...Same-day trips (see question F15H3AL2 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 080		80	24,934
996	Valid skip	60,688	23,550,082
999	Not stated	21	7,500
		60,789	23,582,516

Variable: **F15H3DL2** *Position:* 712 *Length:* 3

...Overnight trips (see question F15H3BL2 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 005		36	11,232
996	Valid skip	60,732	23,563,784
999	Not stated	21	7,500
		60,789	23,582,516

Variable: **F16H3L2** *Position:* 715 *Length:* 3

How many days in total did you hunt small game mammals at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 030		93	29,268
996	Valid skip	60,681	23,547,406
999	Not stated	15	5,841
		60,789	23,582,516

Variable: **F4H4** *Position:* 718 *Length:* 1

Did you hunt any large game mammals in Canada in 1996?

		FREQ	WTD
1	Yes	2,557	720,601
2	No	1,003	275,084
6	Valid skip	57,229	22,586,832
		60,789	23,582,516

Variable: **F5H4** *Position:* 719 *Length:* 1

Did you harvest any large game mammals?

		FREQ	WTD
1	Yes	1,104	302,793
2	No	1,212	349,277
6	Valid skip	58,232	22,861,915
9	Not stated	241	68,531
		60,789	23,582,516

Variable: **F6H4B** *Position:* 720 *Length:* 3

In 1996 how many same-day and overnight trips did you take to hunt Large game mammals? ...Same-day trips (see question F6H4A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 200		1,834	509,519
996	Valid skip	58,864	23,050,494
999	Not stated	91	22,503
		60,789	23,582,516

Variable: **F6H4D** *Position:* 723 *Length:* 3

...Overnight trips (see question F6H4B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 028		1,747	500,948
996	Valid skip	58,945	23,053,825
999	Not stated	97	27,743
		60,789	23,582,516

Variable: **F7H4B** *Position:* 726 *Length:* 3

How many days during 1996 did you hunt Large game mammals? ...In your province or territory (see question F7H4A on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 354		2,393	675,110
996	Valid skip	58,249	22,867,354
999	Not stated	147	40,053
		60,789	23,582,516

Variable: **F7H4D** *Position:* 729 *Length:* 3

...Elsewhere in Canada? (see question F7H4B on the questionnaire)
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 017		811	226,133
996	Valid skip	59,922	23,341,291
999	Not stated	56	15,092
		60,789	23,582,516

Variable: **F8H4B** *Position:* 732 *Length:* 6

What was the total amount of money you personally spent to hunt Large game mammals in Canada in 1996?...Transportation (see question F8H4A on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 015000		2,283	646,460
999996	Valid skip	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
999999	Not stated	261	70,282
		60,789	23,582,516

Variable: **F8H4D** *Position:* 738 *Length:* 6

...Accommodation (see question F8H4B on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002200		2,283	646,460
999996	Valid skip	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
999999	Not stated	261	70,282
		60,789	23,582,516

Variable: **F8H4F** *Position:* 744 *Length:* 6

...Food (see question F8H4C on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001000		2,283	646,460
999996	Valid skip	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
999999	Not stated	261	70,282
		60,789	23,582,516

Variable: **F8H4H** *Position:* 750 *Length:* 6

...Equipment primarily used for these activities (see question F8H4D on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 042000		2,283	646,460
999996	Valid skip	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
999999	Not stated	261	70,282
		60,789	23,582,516

Variable: **F8H4J** *Position:* 756 *Length:* 6

...Other items (see question F8H4E on the questionnaire)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 015000		2,282	645,924
999996	Valid skip	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
999999	Not stated	262	70,818
		60,789	23,582,516

Variable: **F9H4** *Position:* 762 *Length:* 1

Would you still have taken these trips if your cost had been more?

		FREQ	WTD
1	Yes	1,784	513,604
2	No	583	156,740
6	Valid skip	58,232	22,861,915
9	Not stated	190	50,258
		60,789	23,582,516

Variable: **F10H4** *Position:* 763 *Length:* 3

How much more would you have spent before deciding not to take these trips in 1996?

		FREQ	WTD
025	$25.00	435	115,818
075	$75.00	479	128,833
150	$150.00	381	115,664
300	$300.00	237	71,866
600	$600.00	79	24,810
800	$800.00	115	39,710
996	Valid skip	58,815	23,018,655
999	Not stated	248	67,161
		60,789	23,582,516

Variable: **F14H4BL1** *Position:* 766 *Length:* 4

About how far from your residence was this location? (Kilometers) - (see question F14H4AL1 on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 2200		2,215	627,163
9996	Valid skip	58,232	22,861,915
9999	Not stated	342	93,438
		60,789	23,582,516

Variable: **FH4L1PRO** *Position:* 770 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	222	39,938
11	Prince Edward Island	0	0
12	Nova Scotia	232	36,703
13	New Brunswick	257	45,330
24	Quebec	469	173,943
35	Ontario	436	153,874
46	Manitoba	167	27,170
47	Saskatchewan	153	35,537
48	Alberta	115	49,051
59	British Columbia	134	68,337
60	Yukon	62	1,256
61	North West Territories	1	15
63	Outside Canada	0	0
96	Valid skip	58,232	22,861,915
99	Unknown	309	89,446
		60,789	23,582,516

Variable: **F15H4BL1** *Position:* 772 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to hunt Large game mammals?...Same-day trips (see question F15H4AL1 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 200		1,495	417,293
996	Valid skip	58,894	23,051,919
999	Not stated	400	113,304
		60,789	23,582,516

Variable: **F15H4DL1** *Position:* 775 *Length:* 3

...Overnight trips (see question F15H4BL1 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 030		1,410	397,106
996	Valid skip	58,979	23,072,106
999	Not stated	400	113,304
		60,789	23,582,516

Variable: **F16H4L1** *Position:* 778 *Length:* 3

How many days in total did you hunt large game mammals at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 113		1,697	466,693
996	Valid skip	58,232	22,861,915
999	Not stated	860	253,908
		60,789	23,582,516

Variable: **F14H4BL2** *Position:* 781 *Length:* 4

About how far from your residence was this location? (Kilometers) - (see question F14H4AL2 on the questionnaire)
Allowed Min: 0000 *Allowed Max:* 9995

		FREQ	WTD
0000 : 3000		466	143,989
9996	Valid skip	60,280	23,423,258
9999	Not stated	43	15,269
		60,789	23,582,516

Variable: **FH4L2PRO** *Position:* 785 *Length:* 2

Province/territory of destination.

		FREQ	WTD
10	Newfoundland	18	3,524
11	Prince Edward Island	1	71
12	Nova Scotia	59	10,852
13	New Brunswick	52	9,426
24	Quebec	68	25,920
35	Ontario	94	36,435
46	Manitoba	32	4,863
47	Saskatchewan	48	11,599
48	Alberta	33	14,772
59	British Columbia	54	27,866
60	Yukon	11	223
61	North West Territories	1	17
63	Outside Canada	0	0
96	Valid skip	60,280	23,423,258
99	Unknown	38	13,691
		60,789	23,582,516

Variable: **F15H4BL2** *Position:* 787 *Length:* 3

During 1996 how many same-day and overnight trips did you take to this location to hunt Large game mammals?...Same-day trips (see question F15H4AL2 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 036		295	90,759
996	Valid skip	60,442	23,475,690
999	Not stated	52	16,068
		60,789	23,582,516

Variable: **F15H4DL2** *Position:* 790 *Length:* 3

...Overnight trips (see question F15H4BL2 on the questionnaire)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 020		286	90,352
996	Valid skip	60,451	23,476,097
999	Not stated	52	16,068
		60,789	23,582,516

Variable: **F16H4L2** *Position:* 793 *Length:* 3

How many days in total did you hunt large game mammals at this location?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 036		460	142,497
996	Valid skip	60,280	23,423,258
999	Not stated	49	16,761
		60,789	23,582,516

Variable: **G1** *Position:* 796 *Length:* 1

In 1996, did you take any same-day or overnight trips to the United States for which the main reason was to watch, feed, photograph or study wildlife?

		FREQ	WTD
1	Yes	743	331,220
2	No	60,046	23,251,296
		60,789	23,582,516

Variable: **G2** *Position:* 797 *Length:* 3

On how many days did you watch, feed, photograph or study wildlife while on these trips?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 365		664	298,336
996	Valid skip	60,046	23,251,296
999	Not stated	79	32,884
		60,789	23,582,516

Variable: **G4B** *Position:* 800 *Length:* 6

What was the total amount of money you personally spent for these trips to watch, feed, photograph or study wildlife in the United States in 1996?(in Canadian dollars - all U. S dollars reported were converted at $1.00 U.S.= $1.364 Canadian)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 005000		599	274,508
999996	Valid skip	60,046	23,251,296
999999	Not stated	144	56,712
		60,789	23,582,516

Variable: **G5** *Position:* 806 *Length:* 1

In 1996, did you fish for recreation in the United States?

		FREQ	WTD
1	Yes	407	141,877
2	No	60,382	23,440,639
6	Valid skip	0	0
9	Not stated	0	0
		60,789	23,582,516

Variable: **G6** *Position:* 807 *Length:* 3

On how many days did you fish for recreation in the United States?
Allowed Min: 001 *Allowed Max:* 365

		FREQ	WTD
001 : 081		266	85,429
996	Valid skip	60,382	23,440,639
999	Not stated	141	56,448
		60,789	23,582,516

Variable: **G8B** *Position:* 810 *Length:* 6

What was the total amount of money you personally spent to fish for recreation in the United States in 1996?(in Canadian dollars - all U. S dollars reported were converted at $1.00 U.S.= $1.364 Canadian)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 018000		283	95,123
999996	Valid skip	60,382	23,440,639
999999	Not stated	124	46,754
		60,789	23,582,516

Variable: **H1** *Position:* 816 *Length:* 1

In 1996, what was your total income before deductions? (Include income you received from wages, salaries and all other sources) (Midpoints of ranges provided)

		FREQ	WTD
1	No Income	6,181	2,427,135
2	Less than $5,000	5,510	2,029,617
3	$5,000 to $9,999	6,808	2,493,312
4	$10,000 to $19,999	11,123	4,187,910
5	$20,000 to $29,999	8,556	3,394,233
6	$30,000 to $39,999	5,675	2,327,999
7	$40,000 to $49,999	3,518	1,449,601
8	$50,000 or more	5,181	2,200,184
9	Not stated	8,237	3,072,526
		60,789	23,582,516

Variable: **DV1** *Position:* 817 *Length:* 1

Participation in nature - related activities in Canada.(A1A, A1B, A1C, A1D,A3, A5A, A5B, B1, C1, D1, E1 or F1)

		FREQ	WTD
1	Yes	51,621	19,944,095
2	No	9,168	3,638,421
		60,789	23,582,516

Variable: **DV2** *Position:* 818 *Length:* 1

Participation in direct nature - related activities in Canada.(B1, C1, D1, E1 or F1)

		FREQ	WTD
1	Yes	39,470	14,809,385
2	No	21,319	8,773,131
		60,789	23,582,516

Variable: **DV3** *Position:* 819 *Length:* 1

Participation in any indirect nature - related activities in Canada.(A1A, A1B, A1C or A1D)

		FREQ	WTD
1	Yes	44,985	17,562,026
2	No	15,804	6,020,490
		60,789	23,582,516

Variable: **DV4** *Position:* 820 *Length:* 1

Participation through maintaining, restoring, or purchasing land for conservation.(A5A or A5B)

		FREQ	WTD
1	Yes	2,190	760,107
2	No	58,599	22,822,409
		60,789	23,582,516

Variable: **DV5** *Position:* 821 *Length:* 1

Participation in trips for activities where fish and wildlife-related activities were a secondary reason for trips.(B15L1A, B15L1B, B15L1C, B15L2A, B15L2B, B15L2C, B15L3A, B15L3B, B15L3C, B15L4A, B15L4B or B15L4C)

		FREQ	WTD
1	Yes	13,181	5,013,520
2	No	47,608	18,568,996
		60,789	23,582,516

Variable: **DV6** *Position:* 822 *Length:* 1

Participation in fish & wildlife-related activities in Canada.(B15L1A, B15L1B, B15L1C, B15L2A, B15L2B, B15L2C, B15L3A, B15L3B, B15L3C, B15L4A, B15L4B, B15L4C, C1, D1,E1 or F1)

		FREQ	WTD
1	Yes	33,483	12,248,353
2	No	27,306	11,334,163
		60,789	23,582,516

Variable: **DV7** *Position:* 823 *Length:* 1

Participation in wildlife-related activities in Canada.(B15L1A, B15L1C, B15L2A, B15L2C, B15L3A, B15L3C, B15L4A, B15L4C, C1, D1or F1)

		FREQ	WTD
1	Yes	30,237	11,015,262
2	No	30,552	12,567,254
		60,789	23,582,516

Variable: **DV8** *Position:* 824 *Length:* 1

Participation in non-consumptive wildlife-related activities in Canada.(B15L1A, B15L2A, , B15L3A, B15L4A, C1or D1)

		FREQ	WTD
1	Yes	28,825	10,596,276
2	No	31,964	12,986,241
		60,789	23,582,516

Variable: **DV9** *Position:* 825 *Length:* 1

Participation in consumptive fish & wildlife-related activities in Canada.(B15L1B, B15L1C, B15L2B, B15L2C, B15L3B, B15L3C, B15L4B, B15L4C, E1 or F1)

		FREQ	WTD
1	Yes	13,055	4,522,820
2	No	47,734	19,059,697
		60,789	23,582,516

Variable: **DV10** *Position:* 826 *Length:* 1

Participation in non-consumptive wildlife-related activities as a main or secondary reason for nature-related trips in Canada.(C1, B15AL1, B15AL2, B15AL3 or B15AL4)

		FREQ	WTD
1	Yes	11,317	4,390,306
2	No	49,472	19,192,210
		60,789	23,582,516

Variable: **DV11** *Position:* 827 *Length:* 1

Participation in primary non-consumptive wildlife-related trips in Canada or the United States.(C1 or G1)

		FREQ	WTD
1	Yes	4,420	1,716,942
2	No	56,369	21,865,574
		60,789	23,582,516

Variable: **DV12** *Position:* 828 *Length:* 1

Participation in recreational fishing as a main or secondary reason for nature- related trips in Canada.(E1 , B15BL1, B15BL2, B15BL3 or B15BL4)

		FREQ	WTD
1	Yes	11,834	4,184,096
2	No	48,955	19,398,421
		60,789	23,582,516

Variable: **DV13** *Position:* 829 *Length:* 1

Participation in recreational fishing trips in Canada or the United States.(E1 or G5)

		FREQ	WTD
1	Yes	9,167	3,196,050
2	No	51,622	20,386,466
		60,789	23,582,516

Variable: **DV14** *Position:* 830 *Length:* 1

Participation in hunting as a main or secondary reason for nature-related trips in Canada. (F1, B15CL1, B15CL2, B15CL3 or B15CL4)

		FREQ	WTD
1	Yes	4,074	1,191,002
2	No	56,715	22,391,514
		60,789	23,582,516

Variable: **DV15** *Position:* 831 *Length:* 1

Incidence of visiting parks or protected areas on trips for outdoor activities in Canada. (B9L1, B9L2, B9L3 or B9L4)

		FREQ	WTD
1	Yes	15,111	5,858,729
2	No	45,678	17,723,788
		60,789	23,582,516

Variable: **DV16** *Position:* 832 *Length:* 1

Incidence of visiting parks or protected areas on primary non-consumptive wildlife-related trips in Canada.(C11L1, C11L2 or C11L3)

		FREQ	WTD
1	Yes	1,878	747,029
2	No	58,911	22,835,487
		60,789	23,582,516

Variable: **DV17** *Position:* 833 *Length:* 1

Incidence of visiting parks or protected areas on recreational fishing trips in Canada. (E10L1, E10L2 or E10L3)

		FREQ	WTD
1	Yes	3,341	1,204,322
2	No	57,448	22,378,194
		60,789	23,582,516

Variable: **DV18** *Position:* 834 *Length:* 1

Incidence of visiting parks or protected areas for hunting wildlife in Canada. (F13H1L1, F13H1L2, F13H2L1, F13H2L2, F13H3L1, F13HL2, F13H4L1 or F13H4L4)

		FREQ	WTD
1	Yes	501	149,267
2	No	60,288	23,433,250
		60,789	23,582,516

Variable: **DV19** *Position:* 835 *Length:* 3

Index (0-100%) of interest in joining or contributing to a naturalist, conservation or sportsman's club.(A2A)

		FREQ	WTD
000	No interest	40,591	15,935,485
050	Some interest	10,479	4,047,611
100	Great interest	2,512	967,963
999	Not stated	7,207	2,631,457
		60,789	23,582,516

Variable: **DV20** *Position:* 838 *Length:* 3

Index (0-100%) of interest in watching , feeding, photographing or studying wildlife. (A2B)

		FREQ	WTD
000	No interest	22,473	9,071,693
050	Some interest	21,658	8,377,491
100	Great interest	9,756	3,599,033
999	Not stated	6,902	2,534,299
		60,789	23,582,516

Variable: **DV21** *Position:* 841 *Length:* 3

Index (0-100%) of interest in hunting wildlife.(A2C)

		FREQ	WTD
000	No interest	46,604	18,763,983
050	Some interest	3,749	1,207,705
100	Great interest	3,401	1,019,659
999	Not stated	7,035	2,591,170
		60,789	23,582,516

Variable: **DV22** *Position:* 844 *Length:* 3

Index (0-100%) of interest in trapping for food or fur.(A2D)

		FREQ	WTD
000	No interest	51,486	20,290,146
050	Some interest	1,449	466,408
100	Great interest	575	163,910
999	Not stated	7,279	2,662,052
		60,789	23,582,516

Variable: **DV23** *Position:* 847 *Length:* 3

Index (0-100%) of interest in recreational fishing.(A2E)

		FREQ	WTD
000	No interest	31,064	12,623,830
050	Some interest	14,595	5,544,034
100	Great interest	8,069	2,817,626
999	Not stated	7,061	2,597,027
		60,789	23,582,516

Variable: **DV24** *Position:* 850 *Length:* 3

Index (0-100%) of interest in outdoor activities in natural areas such as camping, picnicking, hiking, riding, cycling, skiing, snowshoeing, off-road vehicle use, swimming, boating...(A2F)

		FREQ	WTD
000	No interest	13,997	5,434,578
050	Some interest	17,397	6,767,591
100	Great interest	22,193	8,728,386
999	Not stated	7,202	2,651,962
		60,789	23,582,516

Variable: **DV25** *Position:* 853 *Length:* 3

B2B(value imputed) - How many of these same-day trips did you take in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 700		22,231	8,725,794
996	Valid skip/Not applicable	38,558	14,856,722
		60,789	23,582,516

Variable: **DV26** *Position:* 856 *Length:* 3

B2D(value imputed) - How many of these Overnight trips did you take in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 365		22,085	8,578,086
996	Valid skip/Not applicable	38,704	15,004,431
		60,789	23,582,516

Variable: **DV27** *Position:* 859 *Length:* 3

C4B(value imputed)- How many same day trips did you take to watch, feed photograph or study wildlife in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 460		3,629	1,375,226
996	Valid skip/Not applicable	57,160	22,207,291
		60,789	23,582,516

Variable: **DV28** *Position:* 862 *Length:* 3

C4D(value imputed)- How many overnight trips did you take to watch, feed photograph or study wildlife in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 365		2,271	869,513
996	Valid skip/Not applicable	58,518	22,713,004
		60,789	23,582,516

Variable: **DV29** *Position:* 865 *Length:* 3

E3B(value imputed)- How many of these same day trips did you take for which the main reason was to fish for recreation in 1996 ?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 440		7,639	2,634,414
996	Valid skip/Not applicable	53,150	20,948,102
		60,789	23,582,516

Variable: **DV30** *Position:* 868 *Length:* 3

E3D(value imputed)- How many of these overnight trips did you take for which the main reason was to fish for recreation in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 100		5,868	2,082,246
996	Valid skip/Not applicable	54,921	21,500,270
		60,789	23,582,516

Variable: **DV31** *Position:* 871 *Length:* 3

F2B(value imputed)- How many same-day trips within Canada did you take to hunt wildlife in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 130		2,951	812,808
996	Valid skip/Not applicable	57,838	22,769,708
		60,789	23,582,516

Variable: **DV32** *Position:* 874 *Length:* 3

F2D(value imputed)- How many overnight trips within Canada did you take to hunt wildlife in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 070		2,532	719,140
996	Valid skip/Not applicable	58,257	22,863,376
		60,789	23,582,516

Variable: **DV33** *Position:* 877 *Length:* 3

F6H1B(value imputed) - How many same-day trips within Canada did you take to hunt waterfowl in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 099		737	201,215
996	Valid skip/Not applicable	60,052	23,381,301
		60,789	23,582,516

Variable: **DV34** *Position:* 880 *Length:* 3

F6H1D(value imputed) - How many overnight trips within Canada did you take to hunt waterfowl in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 060		436	124,385
996	Valid skip/Not applicable	60,353	23,458,131
		60,789	23,582,516

Variable: **DV35** *Position:* 883 *Length:* 3

F6H2B(value imputed)- How many same-day trips within Canada did you take to hunt other birds in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 090		1,158	332,755
996	Valid skip/Not applicable	59,631	23,249,761
		60,789	23,582,516

Variable: **DV36** *Position:* 886 *Length:* 3

F6H2D(value imputed)- How many overnight trips within Canada did you take to hunt other birds in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 365		669	197,228
996	Valid skip/Not applicable	60,120	23,385,288
		60,789	23,582,516

Variable: **DV37** *Position:* 889 *Length:* 3

F6H3B(value imputed)- How many same-day trips within Canada did you take to hunt small game mammals in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 200		768	211,458
996	Valid skip/Not applicable	60,021	23,371,059
		60,789	23,582,516

Variable: **DV38** *Position:* 892 *Length:* 3

F6H3D(value imputed)- How many overnight trips within Canada did you take to hunt small game mammals in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 028		391	104,488
996	Valid skip/Not applicable	60,398	23,478,028
		60,789	23,582,516

Variable: **DV39** *Position:* 895 *Length:* 3

F6H4B(value imputed)- How many same-day trips within Canada did you take to hunt large game mammals in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 200		1,931	533,707
996	Valid skip/Not applicable	58,858	23,048,809
		60,789	23,582,516

Variable: **DV40** *Position:* 898 *Length:* 3

F6H4D(value imputed)- How many ovemight trips within Canada did you take to hunt large game mammals in 1996?
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 028		1,844	528,691
996	Valid skip/Not applicable	58,945	23,053,825
		60,789	23,582,516

Variable: **DV41** *Position:* 901 *Length:* 3

B3B(value imputed)- How many days in total did you spend in your province or territory on outdoor activities?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		25,826	10,051,794
996	Valid skip/Not applicable	34,963	13,530,722
		60,789	23,582,516

Variable: **DV42** *Position:* 904 *Length:* 3

B3D- (Value imputed) How many days in total did you spend elsewhere in Canada on outdoor activities?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		13,573	5,250,158
996	Valid skip/Not applicable	47,216	18,332,358
		60,789	23,582,516

Variable: **DV43** *Position:* 907 *Length:* 3

C5B(value imputed)- How many days during 1996 did you watch, feed, photograph or study wildlife while on these trips in your province or territory?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		3,778	1,432,045
996	Valid skip/Not applicable	57,011	22,150,472
		60,789	23,582,516

Variable: **DV44** *Position:* 910 *Length:* 3

C5D(value imputed)- How many days during 1996 did you watch, feed, photograph or study wildlife while on these trips elsewhere in Canada?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		1,739	662,631
996	Valid skip/Not applicable	59,050	22,919,885
		60,789	23,582,516

Variable: **DV45** *Position:* 913 *Length:* 3

D4(value imputed) - Midpoints of ranges in days

		FREQ	WTD
005	5 Days	2,871	1,143,412
015	15 Days	2,356	887,079
035	35 Days	3,121	1,136,912
075	75 Days	3,349	1,209,394
125	125 Days	2,328	845,294
175	175 Days	1,711	627,702
283	283 Days	9,439	3,179,940
996	Valid skip/Not applicable	35,614	14,552,783
		60,789	23,582,516

Variable: **DV46** *Position:* 916 *Length:* 3

E4B(value imputed)- Enter the number of days you spent fishing for recreation in Canada in 1996 at freshwater lakes, rivers, streams.

Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 230		8,644	3,004,297
996	Valid skip/Not applicable	52,145	20,578,220
		60,789	23,582,516

Variable: **DV47** *Position:* 919 *Length:* 3

E4D(value imputed)- Enter the number of days you spent fishing for recreation in Canada in 1996 in the Pacific Ocean.

Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 070		398	186,867
996	Valid skip/Not applicable	60,391	23,395,649
		60,789	23,582,516

Variable: **DV48** *Position:* 922 *Length:* 3

E4F(value imputed)- Enter the number of days you spent fishing for recreation in Canada in 1996 in the Atlantic Ocean.
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 100		629	129,711
996	Valid skip/Not applicable	60,160	23,452,806
		60,789	23,582,516

Variable: **DV49** *Position:* 925 *Length:* 3

F3B(value imputed)- How many days in total did you hunt wildlife in 1996?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 170		3,560	995,685
996	Valid skip/Not applicable	57,229	22,586,832
		60,789	23,582,516

Variable: **DV50** *Position:* 928 *Length:* 3

F7H1B(value imputed)- How many days in 1996 did you hunt Waterfowl in your province or territory?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 104		826	228,442
996	Valid skip/Not applicable	59,963	23,354,074
		60,789	23,582,516

Variable: **DV51** *Position:* 931 *Length:* 3

F7H1D(value imputed)- How many days in 1996 did you hunt Waterfowl elsewhere in Canada?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 050		233	64,556
996	Valid skip/Not applicable	60,556	23,517,961
		60,789	23,582,516

Variable: **DV52** *Position:* 934 *Length:* 3

F7H2B(value imputed)- How many days in 1996 did you hunt other birds in your province or territory?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		1,275	372,273
996	Valid skip/Not applicable	59,514	23,210,243
		60,789	23,582,516

Variable: **DV53** *Position:* 937 *Length:* 3

F7H2D(value imputed)- How many days in 1996 did you hunt other birds elsewhere in Canada?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 050		407	115,549
996	Valid skip/Not applicable	60,382	23,466,967
		60,789	23,582,516

Variable: **DV54** *Position:* 940 *Length:* 3

F7H3B(value imputed)- How many days in 1996 did you hunt small game mammals in your province or territory?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 365		834	230,000
996	Valid skip/Not applicable	59,955	23,352,516
		60,789	23,582,516

Variable: **DV55** *Position:* 943 *Length:* 3

F7H3D(value imputed)- How many days in 1996 did you hunt small game mammals elsewhere in Canada?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 025		276	74,283
996	Valid skip/Not applicable	60,513	23,508,233
		60,789	23,582,516

Variable: **DV56** *Position:* 946 *Length:* 3

F7H4B(value imputed)- How many days in 1996 did you hunt large game mammals in your province or territory?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 354		2,540	715,163
996	Valid skip/Not applicable	58,249	22,867,354
		60,789	23,582,516

Variable: **DV57** *Position:* 949 *Length:* 3

F7H4D(value imputed)- How many days in 1996 did you hunt large game mammals elsewhere in Canada?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
000 : 017		867	241,225
996	Valid skip/Not applicable	59,922	23,341,291
		60,789	23,582,516

Variable: **DV58** *Position:* 952 *Length:* 3

G2(value imputed)- On how many days did you watch, feed, photograph or study wildlife while on these trips?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 365		743	331,220
996	Valid skip/Not applicable	60,046	23,251,296
		60,789	23,582,516

Variable: **DV59** *Position:* 955 *Length:* 3

G6(value imputed)- On how many days did you fish for recreation in the United States?
Allowed Min: 000 *Allowed Max:* 365

		FREQ	WTD
001 : 081		407	141,877
996	Valid skip/Not applicable	60,382	23,440,639
		60,789	23,582,516

Variable: **DV60** *Position:* 958 *Length:* 6

A4(value imputed)-In 1996, how much did you spend on your membership fee(s) or donation(s) to these organizations?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 008771		3,538	1,277,881
999996	Valid skip/Not applicable	57,251	22,304,636
		60,789	23,582,516

Variable: **DV61** *Position:* 964 *Length:* 6

A6(value imputed)- In 1996, how much did you personally spend to maintain, restore or purchase this land?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 085000		2,186	758,182
100000	$100,000 or more	4	1,925
999996	Valid skip/Not applicable	58,599	22,822,409
		60,789	23,582,516

Variable: **DV62** *Position:* 970 *Length:* 6

B4B(value imputed)- What was the total amount of money you personally spent on transportation for these trips to participate in outdoor activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 155000		26,524	10,295,606
999996	Valid skip	34,265	13,286,911
		60,789	23,582,516

Variable: **DV63** *Position:* 976 *Length:* 6

B4D(value imputed)- What was the total amount of money you personally spent on accommodation for these trips to participate in outdoor activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 007300		26,524	10,295,606
999996	Valid skip/Not applicable	34,265	13,286,911
		60,789	23,582,516

Variable: **DV64** *Position:* 982 *Length:* 6

B4F(value imputed)- What was the total amount of money you personally spent on food for these trips to participate in outdoor activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 004201		26,524	10,295,606
999996	Valid skip/Not applicable	34,265	13,286,911
		60,789	23,582,516

Variable: **DV65** *Position:* 988 *Length:* 6

B4H(value imputed)- What was the total amount of money you personally spent on equipment for these trips to participate in outdoor activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 054154		26,524	10,295,606
999996	Valid skip/Not applicable	34,265	13,286,911
		60,789	23,582,516

Variable: **DV66** *Position:* 994 *Length:* 6

B4J(value imputed)- What was the total amount of money you personally spent on other items for these trips to participate in outdoor activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 008617		26,524	10,295,606
999996	Valid skip/Not applicable	34,265	13,286,911
		60,789	23,582,516

Variable: **DV67** *Position:* 1000 *Length:* 6

C6B(value imputed)-What was the total amount of money you personally spent on transportation for these trips to watch, feed, photograph or study wildlife in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002430		3,884	1,470,725
999996	Valid skip/Not applicable	56,905	22,111,791
		60,789	23,582,516

Variable: **DV68** *Position:* 1006 *Length:* 6

C6D(value imputed)-What was the total amount of money you personally spent on accommodation to watch, feed, phorograph or study wildlife in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002001		3,884	1,470,725
999996	Valid skip/Not applicable	56,905	22,111,791
		60,789	23,582,516

Variable: **DV69** *Position:* 1012 *Length:* 6

C6F(value imputed)-What was the total amount of money you personally spent on food for these trips to watch, feed, phorograph or study wildlife in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001226		3,884	1,470,725
999996	Valid skip/Not applicable	56,905	22,111,791
		60,789	23,582,516

Variable: **DV70** *Position:* 1018 *Length:* 6

C6H(value imputed)-What was the total amount of money you personally spent on equipment used primarily for these trips to watch, feed, photograph or study wildlife in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 013311		3,884	1,470,725
999996	Valid skip/Not applicable	56,905	22,111,791
		60,789	23,582,516

Variable: **DV71** *Position:* 1024 *Length:* 6

C6J(value imputed)-What was the total amount of money you personally spent on other items for these trips to watch, feed, phorograph or study wildlife in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000745		3,884	1,470,725
999996	Valid skip/Not applicable	56,905	22,111,791
		60,789	23,582,516

Variable: **DV72** *Position:* 1030 *Length:* 3

D5(value imputed) - Midpoints of ranges in dollars.

		FREQ	WTD
000	$0.00	9,021	3,295,793
003	$3.00	1,234	466,427
007	$7.00	1,454	523,619
017	$17.00	3,975	1,437,852
037	$37.00	3,751	1,298,911
075	$75.00	2,925	1,027,979
150	$150.00	1,713	599,885
200	$200.00	1,102	379,266
996	Valid skip/Not applicable	35,614	14,552,783
		60,789	23,582,516

Variable: **DV73** *Position:* 1033 *Length:* 6

E5B(value imputed)- What was the total amount of money you personally spent on transportation for these trips to participate in fishing activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 008836		8,919	3,112,539
999996	Valid skip/Not applicable	51,870	20,469,977
		60,789	23,582,516

Variable: **DV74** *Position:* 1039 *Length:* 6

E5D(value imputed)- What was the total amount of money you personally spent on accommodation for these trips to participate in fishing activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002944		8,919	3,112,539
999996	Valid skip/Not applicable	51,870	20,469,977
		60,789	23,582,516

Variable: **DV75** *Position:* 1045 *Length:* 6

E5F(value imputed)- What was the total amount of money you personally spent on food for these trips to participate in fishing activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001165		8,919	3,112,539
999996	Valid skip/Not applicable	51,870	20,469,977
		60,789	23,582,516

Variable: **DV76** *Position:* 1051 *Length:* 6

E5H(value imputed)- What was the total amount of money you personally spent on equipment for these trips to participate in fishing activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 025667		8,919	3,112,539
999996	Valid skip/Not applicable	51,870	20,469,977
		60,789	23,582,516

Variable: **DV77** *Position:* 1057 *Length:* 6

E5J(value imputed)- What was the total amount of money you personally spent on other items for these trips to participate in fishing activities in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 003277		8,919	3,112,539
999996	Valid skip/Not applicable	51,870	20,469,977
		60,789	23,582,516

Variable: **DV78** *Position:* 1063 *Length:* 6

F8H1B(value imputed)- What was the total amount of money you personally spent on transportation for these trips to hunt waterfowl in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001795		769	216,868
999996	Valid skip/Not applicable	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
		60,789	23,582,516

Variable: **DV79** *Position:* 1069 *Length:* 6

F8H1D(value imputed)- What was the total amount of money you personally spent on accommodation for these trips to hunt waterfowl in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001000		769	216,868
999996	Valid skip/Not applicable	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
		60,789	23,582,516

Variable: **DV80** *Position:* 1075 *Length:* 6

F8H1F(value imputed)- What was the total amount of money you personally spent on food for these trips to hunt waterfowl in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000483		769	216,868
999996	Valid skip/Not applicable	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
		60,789	23,582,516

Variable: **DV81** *Position:* 1081 *Length:* 6

F8H1H(value imputed)- What was the total amount of money you personally spent on equipment for these trips to hunt waterfowl in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002943		769	216,868
999996	Valid skip/Not applicable	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
		60,789	23,582,516

Variable: **DV82** *Position:* 1087 *Length:* 6

F8H1J(value imputed)- What was the total amount of money you personally spent on other items for these trips to hunt waterfowl in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001440		769	216,868
999996	Valid skip/Not applicable	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
		60,789	23,582,516

Variable: **DV83** *Position:* 1093 *Length:* 6

F8H2B(value imputed)- What was the total amount of money you personally spent on transportation for these trips to hunt other birds in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000545		1,199	350,143
999996	Valid skip/Not applicable	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
		60,789	23,582,516

Variable: **DV84** *Position:* 1099 *Length:* 6

F8H2D(value imputed)- What was the total amount of money you personally spent on accommodation for these trips to hunt other birds in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000302		1,199	350,143
999996	Valid skip/Not applicable	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
		60,789	23,582,516

Variable: **DV85** *Position:* 1105 *Length:* 6

F8H2F(value imputed)- What was the total amount of money you personally spent on food for these trips to hunt other birds in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 000512		1,199	350,143
999996	Valid skip/Not applicable	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
		60,789	23,582,516

Variable: **DV86** *Position:* 1111 *Length:* 6

F8H2H(value imputed)- What was the total amount of money you personally spent on equipment for these trips to hunt other birds in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 006681		1,199	350,143
999996	Valid skip/Not applicable	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
		60,789	23,582,516

Variable: **DV87** *Position:* 1117 *Length:* 6

F8H2J(value imputed)- What was the total amount of money you personally spent on other items for these trips to hunt other birds in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001558		1,199	350,143
999996	Valid skip/Not applicable	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
		60,789	23,582,516

Variable: **DV88** *Position:* 1123 *Length:* 6

F8H3B(value imputed)- What was the total amount of money you personally spent on transportation for these trips to hunt small mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002450		745	207,603
999996	Valid skip/Not applicable	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
		60,789	23,582,516

Variable: **DV89** *Position:* 1129 *Length:* 6

F8H3D(value imputed)- What was the total amount of money you personally spent on accommodation for these trips to hunt small mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001050		745	207,603
999996	Valid skip/Not applicable	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
		60,789	23,582,516

Variable: **DV90** *Position:* 1135 *Length:* 6

F8H3F(value imputed)- What was the total amount of money you personally spent on food for these trips to hunt small mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002100		745	207,603
999996	Valid skip/Not applicable	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
		60,789	23,582,516

Variable: **DV91** *Position:* 1141 *Length:* 6

F8H3H(value imputed)- What was the total amount of money you personally spent on equipment for these trips to hunt small mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 035000		745	207,603
999996	Valid skip/Not applicable	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
		60,789	23,582,516

Variable: **DV92** *Position:* 1147 *Length:* 6

F8H3J(value imputed)- What was the total amount of money you personally spent on other items for these trips to hunt small mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001000		745	207,603
999996	Valid skip/Not applicable	59,951	23,352,064
999997	Expense reported in other hunting type	93	22,850
		60,789	23,582,516

Variable: **DV93** *Position:* 1153 *Length:* 6

F8H4B(value imputed)- What was the total amount of money you personally spent on transportation for these trips to hunt large mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 015000		2,544	716,743
999996	Valid skip/Not applicable	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
		60,789	23,582,516

Variable: **DV94** *Position:* 1159 *Length:* 6

F8H4D(value imputed)- What was the total amount of money you personally spent on accommodation for these trips to hunt large mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002200		2,544	716,743
999996	Valid skip/Not applicable	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
		60,789	23,582,516

Variable: **DV95** *Position:* 1165 *Length:* 6

F8H4F(value imputed)- What was the total amount of money you personally spent on food for these trips to hunt large mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 001000		2,544	716,743
999996	Valid skip/Not applicable	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
		60,789	23,582,516

Variable: **DV96** *Position:* 1171 *Length:* 6

F8H4H(value imputed)- What was the total amount of money you personally spent on equipment for these trips to hunt large mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 042000		2,544	716,743
999996	Valid skip/Not applicable	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
		60,789	23,582,516

Variable: **DV97** *Position:* 1177 *Length:* 6

F8H4J(value imputed)- What was the total amount of money you personally spent on other items for these trips to hunt large mammals in Canada in 1996?
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 015000		2,544	716,743
999996	Valid skip/Not applicable	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
		60,789	23,582,516

Variable: **DV98** *Position:* 1183 *Length:* 6

G4(value imputed)-Expenditures on primary non-consumptive wildlife-related trips to the U.S.(in Canadian dollars - all U. S dollars reported were converted at $1.00 U.S.= $1.364 Canadian)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 005000		743	331,220
999996	Valid skip/Not applicable	60,046	23,251,296
		60,789	23,582,516

Variable: **DV99** *Position:* 1189 *Length:* 6

G8(value imputed)-Expenditures on recreational fishing in the U.S.(in Canadian dollars - all U. S dollars reported were converted at $1.00 U.S.=$1.364 Canadian)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 018000		407	141,877
999996	Valid skip/Not applicable	60,382	23,440,639
		60,789	23,582,516

Variable: **DV102** *Position:* 1195 *Length:* 3

B6(value imputed) - Midpoints of ranges in dollars.

		FREQ	WTD
025	$25.00	4,722	1,819,256
075	$75.00	4,878	1,854,935
150	$150.00	4,002	1,559,216
300	$300.00	2,357	954,729
600	$600.00	1,034	411,834
800	$800.00	1,193	458,805
996	Valid skip/Not applicable	41,756	16,228,195
999	Not stated	847	295,545
		60,789	23,582,516

Variable: **DV103** *Position:* 1198 *Length:* 3

C8(value imputed) - Midpoints of ranges in dollars.

		FREQ	WTD
010	$10.00	571	213,018
025	$25..00	0	0
035	$35.00	667	231,302
075	$75.00	531	200,427
150	$150.00	331	130,520
250	$250.00	135	52,160
350	$350.00	72	26,685
500	$500.00	37	14,059
600	$600.00	121	51,547
996	Valid skip/Not applicable	57,988	22,534,916
999	Not stated	336	127,883
		60,789	23,582,516

Variable: **DV104** *Position:* 1201 *Length:* 3

E7(value imputed) - Midpoints of ranges in dollars.

		FREQ	WTD
025	$25.00	1,958	648,985
075	$75.00	1,565	527,273
150	$150.00	1,073	392,909
300	$300.00	559	194,871
600	$600.00	218	82,966
800	$800.00	264	93,133
996	Valid skip/Not applicable	54,383	21,379,245
999	Not stated	769	263,136
		60,789	23,582,516

Variable: **DV105** *Position:* 1204 *Length:* 3

F10H1(value imputed) - Midpoints of ranges in dollars.

		FREQ	WTD
025	$25.00	207	56,574
075	$75.00	141	43,730
150	$150.00	102	24,643
300	$300.00	58	17,615
600	$600.00	21	6,867
800	$800.00	41	10,361
996	Valid skip/Not applicable	60,132	23,402,477
999	Not stated	87	20,249
		60,789	23,582,516

Variable: **DV106** *Position:* 1207 *Length:* 3

F10H2(value imputed) - Midpoints of ranges in dollars.

		FREQ	WTD
025	$25.00	398	116,295
075	$75.00	224	66,675
150	$150.00	101	29,622
300	$300.00	48	14,107
600	$600.00	12	3,205
800	$800.00	30	7,534
996	Valid skip/Not applicable	59,856	23,306,948
999	Not stated	120	38,129
		60,789	23,582,516

Variable: **DV107** *Position:* 1210 *Length:* 3

F10H3(value imputed) - Midpoints of ranges in dollars.

		FREQ	WTD
025	$25.00	303	81,895
075	$75.00	130	34,986
150	$150.00	56	13,965
300	$300.00	28	7,471
600	$600.00	11	2,774
800	$800.00	12	4,740
996	Valid skip/Not applicable	60,169	23,414,432
999	Not stated	80	22,254
		60,789	23,582,516

Variable: **DV108** *Position:* 1213 *Length:* 3

F10H4(value imputed) - Midpoints of ranges in dollars.

		FREQ	WTD
025	$25.00	449	120,303
075	$75.00	499	133,670
150	$150.00	394	120,281
300	$300.00	245	74,179
600	$600.00	81	25,324
800	$800.00	116	39,847
996	Valid skip/Not applicable	58,815	23,018,655
999	Not stated	190	50,258
		60,789	23,582,516

Variable: **DV109** *Position:* 1216 *Length:* 3

Frequency of participation in nature-related activities.(DV41-49)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 995		39,470	14,809,385
996	Valid skip/Not applicable	21,319	8,773,131
		60,789	23,582,516

Variable: **DV110** *Position:* 1219 *Length:* 3

Frequency of participation on trips for outdoor activities in nature areas in Canada.(DV41-42)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 565		26,524	10,295,606
996	Valid skip/Not applicable	34,265	13,286,911
		60,789	23,582,516

Variable: **DV111** *Position:* 1222 *Length:* 3

Frequency of participation on primary non-consumptive wildlife-related trips in Canada-total.(DV43-44)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 366		3,884	1,470,725
996	Valid skip/Not applicable	56,905	22,111,791
		60,789	23,582,516

Variable: **DV112** *Position:* 1225 *Length:* 3

Frequency of participation on primary non-consumptive wildlife-related trips in Canada and the United States - total.(43-44,58)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 373		4,420	1,716,942
996	Valid skip/Not applicable	56,369	21,865,574
		60,789	23,582,516

Variable: **DV113** *Position:* 1228 *Length:* 3

Frequency of participation on recreational fishing trips in Canada in total.(DV46-48)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 230		8,919	3,112,539
996	Valid skip/Not applicable	51,870	20,469,977
		60,789	23,582,516

Variable: **DV114** Position: 1231 *Length:* 3

Frequency of participation on recreational fishing trips in Canada and the United States. (DV46-48,59)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 230		9,167	3,196,050
996	Valid skip/Not applicable	51,622	20,386,466
		60,789	23,582,516

Variable: **DV115** *Position:* 1234 *Length:* 3

Frequency of participation in hunting waterfowl in Canada in total.(DV50-51)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 104		844	235,362
996	Valid skip/Not applicable	59,945	23,347,154
		60,789	23,582,516

Variable: **DV116** *Position:* 1237 *Length:* 3

Frequency of participation in hunting birds other than waterfowl in Canada in total.(DV52-53)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 365		1,282	374,726
996	Valid skip/Not applicable	59,507	23,207,790
		60,789	23,582,516

Variable: **DV117** *Position:* 1240 *Length:* 3

Frequency of participation in hunting small game mammals in Canada in total.(DV54-55)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 365		838	230,452
996	Valid skip/Not applicable	59,951	23,352,064
		60,789	23,582,516

Variable: **DV118** *Position:* 1243 *Length:* 3

Frequency of participation in hunting large game mammals in Canada in total.(DV56-57)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 354		2,557	720,601
996	Valid skip/Not applicable	58,232	22,861,915
		60,789	23,582,516

Variable: **DV119** *Position:* 1246 *Length:* 3

Number of trips taken for nature-related activities in Canada.(DV25-32)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 980		30,275	11,530,328
996	Valid skip/Not applicable	30,514	12,052,188
		60,789	23,582,516

Variable: **DV120** *Position:* 1249 *Length:* 3

Number of same-day trips taken for nature-related activities in Canada.(DV25,27,29,31)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 960		26,317	10,063,309
996	Valid skip/Not applicable	34,472	13,519,208
		60,789	23,582,516

Variable: **DV121** *Position:* 1252 *Length:* 3

Number of overnight trips taken for nature-related activities in Canada.(DV26,28,30,32)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
000 : 397		25,185	9,635,299
996	Valid skip/Not applicable	35,604	13,947,218
		60,789	23,582,516

Variable: **DV122** *Position:* 1255 *Length:* 3

Number of trips taken primarily for outdoor activities in natural areas in Canada.(DV25-26)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 704		26,524	10,295,606
996	Valid skip/Not applicable	34,265	13,286,911
		60,789	23,582,516

Variable: **DV123** *Position:* 1258 *Length:* 3

Number of trips taken primarily for non-consumptive wildlife-related activities in Canada. (DV27-28)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 465		3,884	1,470,725
996	Valid skip/Not applicable	56,905	22,111,791
		60,789	23,582,516

Variable: **DV124** *Position:* 1261 *Length:* 3

Number of trips taken primarily for recreational fishing in Canada.(DV29-30)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 440		8,919	3,112,539
996	Valid skip/Not applicable	51,870	20,469,977
		60,789	23,582,516

Variable: **DV125** *Position:* 1264 *Length:* 3

Number of trips taken primarily for Hunting in Canada.(DV31-32)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 156		3,560	995,685
996	Valid skip/Not applicable	57,229	22,586,832
		60,789	23,582,516

Variable: **DV126** *Position:* 1267 *Length:* 3

Number of trips taken for outdoor activities in natural areas in Canada.(B12L1B-B12L1D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 943		24,463	9,488,122
996	Valid skip/Not applicable	34,265	13,286,911
999	Not stated	2,061	807,484
		60,789	23,582,516

Variable: **DV127** *Position:* 1270 *Length:* 3

Number of trips taken for outdoor activities in natural areas in Canada.(B12L2B-B12L2D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 360		12,616	5,023,272
996	Valid skip/Not applicable	47,295	18,204,001
999	Not stated	878	355,243
		60,789	23,582,516

Variable: **DV128** *Position:* 1273 *Length:* 3

Number of trips taken for outdoor activities in natural areas in Canada.(B12L3B-B12L3D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 345		6,404	2,605,774
996	Valid skip/Not applicable	53,839	20,748,761
999	Not stated	546	227,982
		60,789	23,582,516

Variable: **DV129** *Position:* 1276 *Length:* 3

Number of trips taken for outdoor activities in natural areas in Canada.(B12L4B-B12L4D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 368		3,153	1,292,907
996	Valid skip/Not applicable	57,358	22,179,700
999	Not stated	278	109,909
		60,789	23,582,516

Variable: **DV130** *Position:* 1279 *Length:* 3

Number of trips taken primarily for non-consumptive wildlife related activities in Canada. (C14L1B-C14L1D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 365		3,062	1,142,078
996	Valid skip/Not applicable	56,905	22,111,791
999	Not stated	822	328,647
		60,789	23,582,516

Variable: **DV131** *Position:* 1282 *Length:* 3

Number of trips taken primarily for non-consumptive wildlife related activities in Canada. (C14L2B-C14L2D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 366		927	356,409
996	Valid skip/Not applicable	59,760	23,186,924
999	Not stated	102	39,184
		60,789	23,582,516

Variable: **DV132** *Position:* 1285 *Length:* 3

Number of trips taken primarily for non-consumptive wildlife-related activities in Canada. (C14L3B-C14L3D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 200		410	165,107
996	Valid skip/Not applicable	60,323	23,398,125
999	Not stated	56	19,284
		60,789	23,582,516

Variable: **DV133** *Position:* 1288 *Length:* 3

Number of trips taken primarily for recreational fishing in Canada. (E13L1B-E13L1D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 300		7,767	2,691,227
996	Valid skip/Not applicable	51,870	20,469,977
999	Not stated	1,152	421,312
		60,789	23,582,516

Variable: **DV134** *Position:* 1291 *Length:* 3

Number of trips taken primarily for recreational fishing in Canada. (E13L2B-E13L2D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 200		2,153	760,290
996	Valid skip/Not applicable	58,482	22,763,224
999	Not stated	154	59,002
		60,789	23,582,516

Variable: **DV135** *Position:* 1294 *Length:* 3

Number of trips taken primarily for recreational fishing in Canada. (E13L3B-E13L3D)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 068		787	279,672
996	Valid skip/Not applicable	59,935	23,281,388
999	Not stated	67	21,457
		60,789	23,582,516

Variable: **DV136** *Position:* 1297 *Length:* 3

Number of trips taken primarily for hunting waterfowl in Canada.(DV33-34)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 099		844	235,362
996	Valid skip/Not applicable	59,945	23,347,154
		60,789	23,582,516

Variable: **DV137** *Position:* 1300 *Length:* 3

Number of trips taken primarily for hunting birds other than waterfowl in Canada.(DV35-36)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 366		1,282	374,726
996	Valid skip/Not applicable	59,507	23,207,790
		60,789	23,582,516

Variable: **DV138** *Position:* 1303 *Length:* 3

Number of trips taken primarily for hunting small game mammals in Canada.(DV37-38)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 200		838	230,452
996	Valid skip/Not applicable	59,951	23,352,064
		60,789	23,582,516

Variable: **DV139** *Position:* 1306 *Length:* 3

Number of trips taken primarily for hunting large game mammals in Canada.(DV39-40)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 200		2,557	720,601
996	Valid skip/Not applicable	58,232	22,861,915
		60,789	23,582,516

Variable: **DV140** *Position:* 1309 *Length:* 3

Number of trips taken for hunting waterfowl.(F15H1BL1-F15H1DL1)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 099		728	205,071
996	Valid skip/Not applicable	59,945	23,347,154
999	Not stated	116	30,291
		60,789	23,582,516

Variable: **DV141** *Position:* 1312 *Length:* 3

Number of trips taken for hunting waterfowl.(F15H1BL2-F15H1DL2)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 050		129	37,856
996	Valid skip/Not applicable	60,639	23,538,375
999	Not stated	21	6,285
		60,789	23,582,516

Variable: **DV142** *Position:* 1315 *Length:* 3

Number of trips taken for hunting birds other than waterfowl.(F15H2BL1-F15H2DL1)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 366		1,076	317,371
996	Valid skip/Not applicable	59,507	23,207,790
999	Not stated	206	57,356
		60,789	23,582,516

Variable: **DV143** *Position:* 1318 *Length:* 3

Number of trips taken for hunting birds other than waterfowl.(F15H2BL2-F15H2DL2)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 030		175	53,979
996	Valid skip/Not applicable	60,579	23,516,844
999	Not stated	35	11,693
		60,789	23,582,516

Variable: **DV144** *Position:* 1321 *Length:* 3

Number of trips taken for hunting small mammals.(F15H3BL1-F15H3DL1)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 366		669	183,539
996	Valid skip/Not applicable	59,951	23,352,064
999	Not stated	169	46,914
		60,789	23,582,516

Variable: **DV145** *Position:* 1324 *Length:* 3

Number of trips taken for hunting small mammals.(F15H3BL2-F15H3DL2)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 080		87	27,610
996	Valid skip/Not applicable	60,681	23,547,406
999	Not stated	21	7,500
		60,789	23,582,516

Variable: **DV146** *Position:* 1327 *Length:* 3

Number of trips taken for hunting large mammals.(F15H4BL1-F15H4DL1)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 200		2,157	607,297
996	Valid skip/Not applicable	58,232	22,861,915
999	Not stated	400	113,304
		60,789	23,582,516

Variable: **DV147** *Position:* 1330 *Length:* 3

Number of trips taken for hunting large mammals.(F15H4BL2-F15H4DL2)
Allowed Min: 000 *Allowed Max:* 995

		FREQ	WTD
001 : 040		457	143,191
996	Valid skip/Not applicable	60,280	23,423,258
999	Not stated	52	16,068
		60,789	23,582,516

Variable: **DV148** *Position:* 1333 *Length:* 6

Amount of expenditures on nature-related activities in Canada.(DV60-97)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 209439		40,081	15,045,046
999996	Valid skip/Not applicable	20,708	8,537,470
		60,789	23,582,516

Variable: **DV149** *Position:* 1339 *Length:* 6

Amount of expenditures on direct nature-related activities in Canada.(DV62-97)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 209229		39,470	14,809,385
999996	Valid skip/Not applicable	21,319	8,773,131
		60,789	23,582,516

Variable: **DV150** *Position:* 1345 *Length:* 6

Amount of expenditures on trips for outdoor activities in natural areas in Canada.(DV62-66)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 209154		26,524	10,295,606
999996	Valid skip/Not applicable	34,265	13,286,911
		60,789	23,582,516

Variable: **DV151** *Position:* 1351 *Length:* 6

Amount of expenditures on primary non-consumptive wildlife-related trips in Canada. (DV67-71)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 019713		3,884	1,470,725
999996	Valid skip/Not applicable	56,905	22,111,791
		60,789	23,582,516

Variable: **DV152** *Position:* 1357 *Length:* 6

Amount of expenditures on recreational fishing trips in Canada in total.(DV73-77)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 036035		8,919	3,112,539
999996	Valid skip/Not applicable	51,870	20,469,977
		60,789	23,582,516

Variable: **DV153** *Position:* 1363 *Length:* 6

Amount of expenditures on hunting waterfowl in Canada in total.(DV78-82)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 006285		769	216,868
999996	Valid skip/Not applicable	59,945	23,347,154
999997	Expense reported in other hunting type	75	18,494
		60,789	23,582,516

Variable: **DV154** *Position:* 1369 *Length:* 6

Amount of expenditures on hunting birds other than waterfowl in Canada in total.(DV83-87)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000002 : 008951		1,199	350,143
999996	Valid skip/Not applicable	59,507	23,207,790
999997	Expense reported in other hunting type	83	24,583
		60,789	23,582,516

Variable: **DV155** *Position:* 1375 *Length:* 6

Amount of expenditures on hunting small mammals in Canada in total.(DV88-92)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000002 : 036600		745	207,603
999996	Valid skip/Not applicable	60,044	23,374,914
999997	Expense reported in other hunting type	0	0
		60,789	23,582,516

Variable: **DV156** *Position:* 1381 *Length:* 6

Amount of expenditures on hunting large mammals in Canada in total.(DV93-97)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000002 : 043105		2,544	716,743
999996	Valid skip/Not applicable	58,232	22,861,915
999997	Expense reported in other hunting type	13	3,858
		60,789	23,582,516

Variable: **DV157** *Position:* 1387 *Length:* 6

Amount of expenditures on hunting in Canada.(DV78-97)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000002 : 082151		3,560	995,685
999996	Valid skip/Not applicable	57,229	22,586,832
		60,789	23,582,516

Variable: **DV158** *Position:* 1393 *Length:* 6

Amount of expenditures on transportation on hunting in Canada in total.(DV78.83,88,93)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 015250		3,560	995,685
999996	Valid skip/Not applicable	57,229	22,586,832
		60,789	23,582,516

Variable: **DV159** *Position:* 1399 *Length:* 6

Amount of expenditures on accommodation on hunting in Canada in total.(DV79,84,89,94)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 003302		3,560	995,685
999996	Valid skip/Not applicable	57,229	22,586,832
		60,789	23,582,516

Variable: **DV160** *Position:* 1405 *Length:* 6

Amount of expenditures on food on hunting in Canada in total.(DV80,85,90,95)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 002100		3,560	995,685
999996	Valid skip/Not applicable	57,229	22,586,832
		60,789	23,582,516

Variable: **DV161** *Position:* 1411 *Length:* 6

Amount of expenditures on equipment on hunting in Canada in total.(DV81,86,91,96)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 076681		3,560	995,685
999996	Valid skip/Not applicable	57,229	22,586,832
		60,789	23,582,516

Variable: **DV162** *Position:* 1417 *Length:* 6

Amount of expenditures on other items on hunting in Canada.(DV82,87,92,97)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 015000		3,560	995,685
999996	Valid skip/Not applicable	57,229	22,586,832
		60,789	23,582,516

Variable: **DV163** *Position:* 1423 *Length:* 6

Amount of expenditures on primary non-consumptive wildlife-related trips in Canada and the U.S..(DV98&DV151)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 021759		4,420	1,716,942
999996	Valid skip/Not applicable	56,369	21,865,574
		60,789	23,582,516

Variable: **DV164** *Position:* 1429 *Length:* 6

Amount of expenditures on recreational fishing in Canada and the U.S.. (DV99&DV152)
Allowed Min: 000000 *Allowed Max:* 999995

		FREQ	WTD
000000 : 036035		9,167	3,196,050
999996	Valid skip/Not applicable	51,622	20,386,466
		60,789	23,582,516

Variable: **WEIGHT** Position: 1435 Length: 9

Labour force survey weight stored as 9.4(xxxx.xxxx)

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Survey on the Importance of Nature to Canadians during 1996

Confidential once completed

Collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S-19

1 R.O. 2 Sample ID 3 Line 4 Lang. 2

5 Name

6 Address

7 City 8 Prov.

9 Postal Code

For use by Statistics Canada

To the Respondent:

Thank you for taking the time to answer these questions on the importance of nature in your day-to-day activities. By "importance of nature" we mean the attitudes of Canadians towards nature and the benefits they receive from nature. The main purpose of this survey is to measure the social and economic benefits provided by wildlife-related activities, recreational fishing and other outdoor activities in natural areas, through questions on participation, time and expenditures. A separate survey will assess attitudes towards nature. Your answers to this survey, combined with others', will help the agencies sponsoring the survey to maintain an abundance and variety of wildlife, fish and natural areas for current and future generations of Canadians. This survey is being conducted by Statistics Canada for a number of federal, provincial and territorial agencies responsible for wildlife, water, forestry, tourism and parks. Although the survey is voluntary, your participation is important if the results of the survey are to be accurate. Your responses are strictly confidential under the Statistics Act.

This questionnaire should be completed by the person whose name appears on the label at the top of this page. It is important that you answer the questions for yourself only and not for your household. Please return your completed questionnaire as soon as possible in the postage paid envelope provided.

Aux francophones: Si ce questionnaire anglais vous a été posté par erreur et si vous en désirez un en français, veuillez nous appeler à frais virés _____ _____ _____.

PLEASE READ THESE IMPORTANT DEFINITIONS AND GUIDELINES

WILDLIFE:

Means wild birds and other wild animals. The 5 types of wildlife include waterfowl, other wild birds, small and large mammals and other wildlife in a natural environment. They do not include pets or other domesticated animals, animals in zoos or game farms.

NATURAL AREAS:

Means the areas at which outdoor activities take place. Natural areas include forests, water bodies, wetlands, open fields, and other areas.

WATERFOWL:
For example, ducks, geese, herons, cranes...

OTHER BIRDS:
All other wild birds such as robins, sparrows, warblers, hawks, owls, grouse, partridge, pheasants...

SMALL MAMMALS:
For example, rabbits, squirrels, raccoons, foxes, groundhogs, beaver and other fur-bearers...

LARGE MAMMALS:
For example, deer, bear, cougar, moose, mountain sheep, caribou, seals, whales...

OTHER WILDLIFE:
Includes all remaining wildlife such as butterflies, frogs, snakes, lizards...

FORESTED AREAS:
Includes large landscapes of trees (woodlands) and smaller concentrations of trees in rural and urban areas.

WATER BODIES:
Includes freshwater lakes, rivers and streams, the Pacific, Atlantic and Arctic Oceans.

WETLANDS:
For example, marshes, swamps, potholes, bogs...

OPEN FIELDS:
For example, cultivated fields, grasslands, prairie...

OTHER TYPES OF AREAS:
For example, scrubland, desert, caves, cliffs, mountains...

FISH:
Means fish found in fresh and salt water (lakes, rivers, streams, oceans and other natural water bodies).
For example, salmon, cod, trout, walleye, perch, pike, smelt ...

1-5300-56.1: 1996-11-08 STC/SSD 040-02936

Statistics Canada Statistique Canada

Canada

Definitions and Guidelines, continued

What should be reported in questions on days and trips.

DAY: Report the number of days you spent on a given activity. One day is defined as all or any part of a calendar day (24 hours or less).

OVERNIGHT TRIP: Report the number of times you left your residence for a given activity and spent at least one night away from home.

SAME-DAY TRIP: Report the number of times you left your residence for a given activity and returned on the same day.

What should be included in questions on expenditures in Sections B,C,D,E,F and G.

Remember that other people in your household will be reporting what they spent if they accompanied you on a trip, so report only what you personally spent. If you paid for other people's transportation, accommodation, food, equipment or other items, be sure to include these costs in the amounts you record. Break down the costs of any package trips into the categories provided.

TRANSPORTATION: Include costs to operate private vehicles (gas and repairs for autos, private boats, planes, RVs...), vehicle rental (rental and insurance costs for autos, boats, trucks, RVs...), local transportation (including taxis, city buses...), fares for airplanes, boats, trains and buses...

ACCOMMODATION: Include costs of campgrounds, cabins, lodges, hotels, motels, resorts...

FOOD: Include food and beverages bought at stores and restaurants ...

EQUIPMENT: Include equipment that you personally purchased for a given activity in Canada in 1996. For example:

- General outdoor equipment (cameras and accessories, recording equipment, binoculars, bikes, camping gear, special clothing, footwear, luggage, backpacks...)
- Skiing (skis, ski boots, ski clothing, other ski equipment...)
- Snowmobiling (snowmobiles, snowmobiling clothing, other snowmobiling equipment...)
- Hunting (guns and accessories, game carriers, calls, dogs, decoys...)
- Fishing (rods, reels, other fishing equipment...)
- Boats/Motors (boats, canoes, kayaks, sailboats, boat motors...)
- Vehicles (trucks, campers, RVs/motorhomes, ATVs...)
- Any other equipment

OTHER ITEMS: Include recreation and entertainment costs (licenses, entry fees, guide fees...), retail purchases (souvenirs, books, magazines, film and photographic services, equipment rental and repairs, batteries...) and special items for hunting (ammunition, dog maintenance) or fishing (bait, tackle, line...)

Definitions and Guidelines, continued

GUIDELINES FOR COMPLETING THE QUESTIONNAIRE:

Please follow these important guidelines for completing the questionnaire.

STEP 1: ***Answer the questions in Section A on page 2.***

STEP 2: ***It is very important that you do not report the same activity in more than one section of the questionnaire. Answer questions 1-5 below to decide whether you should complete one or more of sections B, C, D, E and F. Then complete all the sections for which you answered "Yes".***

STEP 3: ***Answer the questions on page 12 which apply to you.***

HOW ANSWERS SHOULD BE MARKED OR ENTERED

Enter a check in the appropriate circle ✓ or enter the information requested in the boxes provided. Mark all your answers clearly.

1. In 1996, did you take any same-day or overnight trips within Canada for which **the main reason** was to go to natural areas for one or more of the following outdoor activities? *(See definition of natural areas on front page)*

   Yes [1] ○ → *Complete Section B*

   No [2] ○ → *Skip Section B*

   Sightseeing in natural areas
   Photographing natural areas
   Gathering nuts, berries or firewood
   Picnicking
   Camping
   Swimming/beach activity
   Canoeing/kayaking/sailing
   Power boating
   Hiking/backpacking
   Climbing
   Horseback riding
   Cycling
   Off-road vehicle use
   Downhill skiing
   Cross-country skiing/snowshoeing
   Snowmobiling
   Relaxing in an outdoor setting

2. In 1996, did you take any same-day or overnight trips within Canada for which **the main reason** was to watch, feed, photograph or study wildlife? *(For example, trips for birdwatching, wildlife photography, whalewatching...)*

   Yes [3] ○ → *Complete Section C*

   No [4] ○ → *Skip Section C*

3. In 1996, did you watch, feed, photograph or study wildlife around your residence?

   Yes [5] ○ → *Complete Section D*

   No [6] ○ → *Skip Section D*

4. In 1996, did you take any same-day or overnight trips within Canada for which **the main reason** was to fish for recreation?

   Yes [7] ○ → *Complete Section E*

   No [8] ○ → *Skip Section E*

5. In 1996, did you hunt wildlife in Canada?

   Yes [1] ○ → *Complete Section F*

   No [2] ○ → *Skip Section F*

Section A : Questions about wildlife, fish and natural areas in general

A1. During 1996 (January 1, 1996 to December 31, 1996) did you take part in any of the following activities?

	Yes	No
Read books, magazines or articles on nature (wildlife, fish, forests, water, grasslands ...)	1 ◯	2 ◯
Watch films or TV programs on nature	3 ◯	4 ◯
Purchase art, crafts or posters of nature	5 ◯	6 ◯
Visit a zoo, game farm, aquarium or museum of natural history	7 ◯	8 ◯

A2. For each activity listed, check the category that best describes your interest in participating. *(If you have participated in any of these activities, please indicate your interest in continuing to take part in the activity)*

	Great interest in participating	Some interest in participating	No interest in participating
Joining or contributing to a naturalist, conservation or sportsmans' club	01 ◯	02 ◯	03 ◯
Watching, feeding, photographing or studying wildlife	04 ◯	05 ◯	06 ◯
Hunting wildlife	07 ◯	08 ◯	09 ◯
Trapping for food or fur	10 ◯	11 ◯	12 ◯
Recreational fishing	13 ◯	14 ◯	15 ◯
Outdoor activities in natural areas such as camping, picnicking, hiking, riding, cycling, skiing, snowshoeing, off-road vehicle use, swimming, boating	16 ◯	17 ◯	18 ◯

A3. During 1996, did you belong or contribute to any naturalist, conservation or sportsmans' clubs?

Yes 1 ◯ ↓ No 2 ◯ → *Go to Question A5*

A4. In 1996, how much did you spend on your membership fee(s) or donation(s) to these organizations?

$ _____ .00

A5. In 1996, did you maintain, restore or purchase land for any of the following reasons? *(Include woodlots, hedges, marshes, ponds, open fields...)*

To provide food or shelter for fish or wildlife 1 ◯

To conserve or restore a natural setting 2 ◯

None of the above 3 ◯ → *Go to Section B on page 3*

A6. In 1996, how much did you personally spend to maintain, restore or purchase this land? *(Enter 0 if you did not spend anything)*

$ _____ .00

Section B: Questions on outdoor activities in natural areas

*It is very important that you do not report the **same activity** in more than one section of the questionnaire. **Review the Guidelines for Completing the Questionnaire** to decide if you should answer this section.*

B1. In 1996, did you take any same-day or overnight trips within Canada for which **the main reason** was to go to natural areas for one or more of the following activities? *(See definition of natural areas on front page)*

Yes [1] ○ ↓ No [2] ○ → *Go to Section C on page 6*

Sightseeing in natural areas
Photographing natural areas
Gathering nuts, berries or firewood
Picnicking
Camping
Swimming/beach activity
Canoeing/kayaking/sailing
Power boating
Hiking/backpacking
Climbing
Horseback riding
Cycling
Off-road vehicle use
Downhill skiing
Cross-country skiing/snowshoeing
Snowmobiling
Relaxing in an outdoor setting

B2. How many of these trips did you take in 1996?

		Trips
Total number of same-day trips	[3]	
Total number of overnight trips	[4]	

B3. How many days in total did you spend on outdoor activities while on these trips?

		Days
In your province or territory	[5]	
Elsewhere in Canada	[6]	

B4. What was the total amount of money you personally spent for these trips to participate in outdoor activities in Canada in 1996? *(See examples of expenditures in the definitions. Enter 0 in the appropriate box if you did not spend anything on that category)*

Transportation	[1]	$ .00
Accommodation	[2]	$ .00
Food	[3]	$ .00
Equipment used primarily for outdoor activities in natural areas	[4]	$ .00
Other items	[5]	$ .00

B5. Would you still have taken these trips if your costs had been more?

Yes [1] ○ ↓ No [2] ○ → *(Go to Question B7 on page 4)*

B6. How much more would you have spent before deciding not to take these trips in 1996?

Less than $50	[3] ○	$200 to $399	[6] ○
$50 to $99	[4] ○	$400 to $799	[7] ○
$100 to $199	[5] ○	$800 or more	[8] ○

Go to question B7 on page 4

Section B (continued)

Questions B7 to B15 ask for details of the locations for trips you took to natural areas primarily for outdoor activities in Canada in 1996. Start with the location where you spent the most days on these activities. Space is provided for up to four different locations.

B7. In which province or territory was this location?

Province or territory

B8. What was the name of the city, town or village nearest to this location?

City, town or village

B9. Was this location in a national or provincial park or other protected area?

Yes 1 ◯ ↓ No 2 ◯ → *Go to Question B11*

B10. What was the name of the national or provincial park or other protected area?

Park or protected area

B11. About how far from your residence was this location? *(Enter one-way distance in kilometres or miles)*

1 _____ Kilometres OR 2 _____ Miles

B12. During 1996, how many same-day and overnight trips did you take to this location for outdoor activities?

3 _____ Same-day trips 4 _____ Overnight trips

B13. How many days in total did you take part in outdoor activities at this location?

_____ Days

B14. In which of the following outdoor activities did you participate on your trips to this location? *(Mark all that apply)*

- Sightseeing in natural areas 01 ◯
- Photographing natural areas 02 ◯
- Gathering nuts, berries, firewood 03 ◯
- Picnicking 04 ◯
- Camping 05 ◯
- Swimming/beach activity 06 ◯
- Canoeing/kayaking/sailing 07 ◯
- Power boating 08 ◯
- Hiking/backpacking 09 ◯
- Climbing 10 ◯
- Horseback riding 11 ◯
- Cycling 12 ◯
- Off-road vehicle use 13 ◯
- Downhill skiing 14 ◯
- X-country skiing/snowshoeing 15 ◯
- Snowmobiling 16 ◯
- Relaxing in an outdoor setting 17 ◯

B15. Were any of the following activities **secondary reasons** for your trips to this location? *(Mark all that apply. Sections C, E and F cover trips for which these activities were the main reason)*

- Watching, feeding, photographing or studying wildlife 1 ◯
- Fishing for recreation 2 ◯
- Hunting wildlife 3 ◯

Province or territory	Province or territory	Province or territory
City, town or village	City, town or village	City, town or village
Yes 1 ↓ No 2 → Go to Question B11	Yes 1 ↓ No 2 → Go to Question B11	Yes 1 ↓ No 2 → Go to Question B11
Park or protected area	Park or protected area	Park or protected area
1 Kilometres OR 2 Miles	1 Kilometres OR 2 Miles	1 Kilometres OR 2 Miles
3 Same-day trips 4 Overnight trips	3 Same-day trips 4 Overnight trips	3 Same-day trips 4 Overnight trips
Days	Days	Days
Sightseeing in natural areas 01 ○	Sightseeing in natural areas 01 ○	Sightseeing in natural areas 01 ○
Photographing natural areas 02 ○	Photographing natural areas 02 ○	Photographing natural areas 02 ○
Gathering nuts, berries, firewood 03 ○	Gathering nuts, berries, firewood 03 ○	Gathering nuts, berries, firewood 03 ○
Picnicking 04 ○	Picnicking 04 ○	Picnicking 04 ○
Camping 05 ○	Camping 05 ○	Camping 05 ○
Swimming/beach activity 06 ○	Swimming/beach activity 06 ○	Swimming/beach activity 06 ○
Canoeing/kayaking/sailing 07 ○	Canoeing/kayaking/sailing 07 ○	Canoeing/kayaking/sailing 07 ○
Power boating 08 ○	Power boating 08 ○	Power boating 08 ○
Hiking/backpacking 09 ○	Hiking/backpacking 09 ○	Hiking/backpacking 09 ○
Climbing 10 ○	Climbing 10 ○	Climbing 10 ○
Horseback riding 11 ○	Horseback riding 11 ○	Horseback riding 11 ○
Cycling 12 ○	Cycling 12 ○	Cycling 12 ○
Off-road vehicle use 13 ○	Off-road vehicle use 13 ○	Off-road vehicle use 13 ○
Downhill skiing 14 ○	Downhill skiing 14 ○	Downhill skiing 14 ○
X-country skiing/snowshoeing 15 ○	X-country skiing/snowshoeing 15 ○	X-country skiing/snowshoeing 15 ○
Snowmobiling 16 ○	Snowmobiling 16 ○	Snowmobiling 16 ○
Relaxing in an outdoor setting 17 ○	Relaxing in an outdoor setting 17 ○	Relaxing in an outdoor setting 17 ○
Watching, feeding, photographing or studying wildlife 1 ○	Watching, feeding, photographing or studying wildlife 1 ○	Watching, feeding, photographing or studying wildlife 1 ○
Fishing for recreation 2 ○	Fishing for recreation 2 ○	Fishing for recreation 2 ○
Hunting wildlife 3 ○	Hunting wildlife 3 ○	Hunting wildlife 3 ○

Section C : Questions on trips taken to watch, feed, photograph or study wildlife

It is very important that you do not report the same activity in more than one section of the questionnaire. Review the Guidelines for Completing the Questionnaire to decide if you should answer this section.

C1. In 1996, did you take any same-day or overnight trips within Canada for which **the main reason** was to watch, feed, photograph or study wildlife? *(For example, trips for birdwatching, wildlife photography, whalewatching ...)*

Yes [1] ◯ ↓ No [2] ◯ → *Go to Section D on page 7*

C2. During these trips, in which of the following activities did you participate? *(Mark all that apply)*

- Watching wildlife [1] ◯
- Feeding wildlife [2] ◯
- Photographing wildlife [3] ◯
- Studying and identifying wildlife [4] ◯

C3. Which of the following types of wildlife did you watch, feed, photograph or study on these trips? *(Mark all that apply. See definition of types of wildlife on front page)*

- Waterfowl [1] ◯
- Other birds [2] ◯
- Small mammals [3] ◯
- Large mammals [4] ◯
- Other wildlife [5] ◯

C4. How many of these trips did you take in 1996?

		Trips
Total number of same-day trips	[1]	
Total number of overnight trips	[2]	

C5. How many days during 1996 did you watch, feed, photograph or study wildlife while on these trips?

		Days
In your province or territory	[3]	
Elsewhere in Canada	[4]	

C6. What was the total amount of money you personally spent for these trips to watch, feed, photograph or study wildlife in Canada in 1996? *(See examples of expenditures in the definitions. Enter 0 in the appropriate box if you did not spend anything on that category)*

Transportation	$ [1]		.00
Accommodation	$ [2]		.00
Food	$ [3]		.00
Equipment used primarily for these wildlife activities	$ [4]		.00
Other items	$ [5]		.00

C7. Would you still have taken these trips if your costs had been more?

Yes [1] ◯ ↓ No [2] ◯ → *Go to Question C9 on page 7*

C8. How much more would you have spent before deciding not to take these trips in 1996?

- Less than $20 [1] ◯
- $20 to $49 [2] ◯
- $50 to $99 [3] ◯
- $100 to $199 [4] ◯
- $200 to $299 [5] ◯
- $300 to $399 [6] ◯
- $400 to $599 [7] ◯
- $600 or more [8] ◯

Section C (continued)

Questions C9 to C15 ask for details of the locations for trips you took primarily to watch, feed, photograph or study wildlife in Canada in 1996. Start with the location at which you spent the most days on these activities. Space is provided for up to 3 different locations.

C9. In which province or territory was this location?	Province or Territory	Province or Territory	Province or Territory
C10. What was the name of the city, town or village nearest to this location?	City, town or village	City, town or village	City, town or village
C11. Was this location in a national or provincial park or other protected area?	Yes 1 ◯ No 2 ◯ → Go to Question C13	Yes 1 ◯ No 2 ◯ → Go to Question C13	Yes 1 ◯ No 2 ◯ → Go to Question C13
C12. What was the name of the national or provincial park or other protected area?	Park or protected area	Park or protected area	Park or protected area
C13. About how far from your residence was this location? *(Enter one-way distance in kilometres or miles)*	1 Kilometres OR 2 Miles	1 Kilometres OR 2 Miles	1 Kilometres OR 2 Miles
C14. During 1996, how many same-day and overnight trips did you take to this location to watch, feed, photograph or study wildlife?	3 Same-day trips 4 Overnight trips	3 Same-day trips 4 Overnight trips	3 Same-day trips 4 Overnight trips
C15. How many days in total did you watch, feed, photograph or study wildlife at this location?	Days	Days	Days

Section D : Questions on wildlife encounters around your residence

It is very important that you do not report the same activity in more than one section of the questionnaire. Review the Guidelines for Completing the Questionnaire to decide if you should answer this section.

D1. During 1996, did you watch, feed, photograph or study wildlife around your residence? Yes 1 ◯ No 2 ◯ → *Go to Section E on page 8*

D2. In which of the following activities did you participate around your residence? *(Mark all that apply)*

- Purchasing or putting out special feed for wildlife ... 3 ◯
- Watching wildlife ... 4 ◯
- Studying and identifying different types of wildlife ... 5 ◯
- Maintaining plants, shrubs or birdhouses to attract, feed or shelter wildlife ... 6 ◯
- Photographing wildlife ... 7 ◯

D3. Which of the following types of wildlife did you watch, feed, photograph or study around your residence? *(Mark all that apply. See definition of types of wildlife on front page)*

- Waterfowl ... 1 ◯
- Other birds ... 2 ◯
- Small mammals ... 3 ◯
- Large mammals ... 4 ◯
- Other wildlife ... 5 ◯

Section D (continued)

D4. On how many different days did you participate in these activities around your residence in 1996?

- 1 to 9 days ..... 1 ○
- 10 to 19 days ..... 2 ○
- 20 to 49 days ..... 3 ○
- 50 to 99 days ..... 4 ○
- 100 to 149 days ..... 5 ○
- 150 to 199 days ..... 6 ○
- 200 days or more ..... 7 ○

D5. What was the total amount of money you personally spent to participate in these activities around your residence in 1996? *(Include costs for feeders, food for wildlife, birdhouses, magazines, film, cameras used primarily for wildlife...)*

- Nothing ..... 1 ○
- Less than $5 ..... 2 ○
- $5 to $9 ..... 3 ○
- $10 to $24 ..... 4 ○
- $25 to $49 ..... 5 ○
- $50 to $99 ..... 6 ○
- $100 to $199 ..... 7 ○
- $200 or more ..... 8 ○

Section E : Questions on fishing for recreation

It is very important that you do not report the same activity in more than one section of the questionnaire. Review the Guidelines for Completing the Questionnaire to decide if you should answer this section.

E1. In 1996, did you take any same-day or overnight trips within Canada for which **the main reason** was to fish for recreation?

Yes 1 ○ ↓ No 2 ○ → *Go to Section F on page 9*

E2. Did you catch any fish on these trips?

Yes 3 ○ No 4 ○

E3. How many of these trips did you take in 1996?

Trips

- Total number of same-day trips ..... 1 [ ]
- Total number of overnight trips ..... 2 [ ]

E4. Enter the number of days you spent fishing for recreation in Canada in 1996 beside the water body where you fished.

Days

- Freshwater lakes, rivers, streams ..... 3 [ ]
- Pacific Ocean ..... 4 [ ]
- Atlantic Ocean ..... 5 [ ]

E5. What was the total amount of money you personally spent for these recreational fishing trips in Canada in 1996? *(See examples of expenditures in the definitions. Enter 0 in the appropriate box if you did not spend anything on that category)*

- Transportation ..... $ 1 [ ].00
- Accommodation ..... $ 2 [ ].00
- Food ..... $ 3 [ ].00
- Equipment used primarily for fishing ..... $ 4 [ ].00
- Other items ..... $ 5 [ ].00

E6. Would you still have taken these trips if your costs had been more?

Yes 1 ○ ↓ No 2 ○ → *Go to Question E8 on page 9*

E7. How much more would you have spent before deciding not to take these trips in 1996?

- Less than $50 ..... 3 ○
- $50 to $99 ..... 4 ○
- $100 to $199 ..... 5 ○
- $200 to $399 ..... 5 ○
- $400 to $799 ..... 7 ○
- $800 or more ..... 8 ○

Section E (continued)

Questions E8 to E14 ask for details of the locations for your fishing trips in Canada in 1996. Start with the location at which you spent the most days fishing for recreation. Space is provided for up to 3 different locations.

E8. In which province or territory was this location?	Province or Territory	Province or Territory	Province or Territory
E9. What was the name of the city, town or village nearest to this location?	City, town or village	City, town or village	City, town or village
E10. Was this location in a national or provincial park or other protected area?	Yes 1 ○ No 2 ○ → Go to Question E12	Yes 1 ○ No 2 ○ → Go to Question E12	Yes 1 ○ No 2 ○ → Go to Question E12
E11. What was the name of the national or provincial park or other protected area?	Park or protected area	Park or protected area	Park or protected area
E12. About how far from your residence was this location? *(Enter one-way distance in kilometres or miles)*	1 Kilometres OR 2 Miles	1 Kilometres OR 2 Miles	1 Kilometres OR 2 Miles
E13. During 1996, how many same-day and overnight trips did you take to this location to fish for recreation?	3 Same-day trips 4 Overnight trips	3 Same-day trips 4 Overnight trips	3 Same-day trips 4 Overnight trips
E14. How many days in total did you fish for recreation at this location?	Days	Days	Days

Section F : Questions on hunting

It is very important that you do not report the same activity in more than one section of the questionnaire. Review the Guidelines for Completing the Questionnaire to decide if you should answer this section.

F1. In 1996, did you hunt wildlife in Canada?

Yes 1 ○ ↓ No 2 ○ → *Go to Section G on page 12*

F2. How many same-day and overnight trips within Canada did you take to hunt wildlife in 1996?

Trips

Total number of same-day trips 3

Total number of overnight trips 4

F3. How many days in total did you hunt wildlife in 1996?

Days

Total number of days 5

Go to Question F4 on the next page and answer questions F4 to F16 for each type of hunting that applies to you.

Section F (continued)

Record your answers to questions F4 to F16 in the columns on pages 10 and 11 for each of the 4 types of wildlife hunted.

Hunting waterfowl

F4. In 1996, did you hunt this type of wildlife in Canada? *(Enter your answer in the appropriate column)*
Yes [1] ○ → No [2] ○ → Go to next column

F5. Did you harvest any of this type of wildlife?
Yes [3] ○ No [4] ○

F6. How many same-day and overnight trips did you take to hunt this type of wildlife?
Trips
Same day trips [1] ____
Overnight trips [2] ____

F7. How many days in 1996 did you hunt this type of wildlife?
Days
In your province or territory [3] ____
Elsewhere in Canada [4] ____

F8. What was the total amount of money you personally spent to hunt this type of wildlife in Canada in 1996? *(See examples of expenditures in the definitions. Include the costs of any of these items **only once** if they were used for more than one type of hunting)*

Transportation	[1]	$ .00
Accommodation	[2]	$ .00
Food	[3]	$ .00
Equipment used primarily to hunt waterfowl	[4]	$ .00
Other items	[5]	$ .00

F9. Would you still have hunted this type of wildlife if your costs had been more?
Yes [1] ○ No [2] ○ → *Go to Question F11*

F10. How much more would you have spent before deciding not to hunt this type of wildlife in 1996?
Less than $50 [3] ○ $200 to $399 [6] ○
$50 to $99 [4] ○ $400 to $799 [7] ○
$100 to $199 [5] ○ $800 or more [8] ○

Questions F11 to F16 ask for details of the locations in Canada where you hunted each type of wildlife in 1996. Start with the location at which you spent the most days hunting. Space is provided for up to 2 different locations for each type of wildlife hunted.

	Location 1	Location 2
F11. In which province or territory was this location?	Province or Territory	Province or Territory
F12. What was the name of the city, town or village nearest to this location?	City, town or village	City, town or village
F13. What was the name of any provincial park or other protected area at this location?	Park or protected area	Park or protected area
F14. About how far from your residence was this location? *(Enter one-way distance in kilometres or miles)*	[1] Kilometres OR [2] Miles	[1] Kilometres OR [2] Miles
F15. During 1996, how many same-day and overnight trips did you take to this location to hunt this type of wildlife?	[3] Same-day trips [4] Overnight trips	[3] Same-day trips [4] Overnight trips
F16. How many days in total did you hunt this type of wildlife at this location?	Days	Days

Hunting other birds	Hunting small game mammals	Hunting large game mammals
Yes [1] ○ No [2] ○ → Go to next column	Yes [1] ○ No [2] ○ → Go to next column	Yes [1] ○ No [2] ○ → Go to Section G on page 12
Yes [3] ○ No [4] ○	Yes [3] ○ No [4] ○	Yes [3] ○ No [4] ○
Trips Same day trips [1] Overnight trips [2]	Trips Same day trips [1] Overnight trips [2]	Trips Same day trips [1] Overnight trips [2]
Days In your province or territory [3] Elsewhere in Canada [4]	Days In your province or territory [3] Elsewhere in Canada [4]	Days In your province or territory [3] Elsewhere in Canada [4]
Transportation $ [1] .00 Accommodation $ [2] .00 Food $ [3] .00 Equipment used primarily to hunt other birds $ [4] .00 Other items $ [5] .00	Transportation $ [1] .00 Accommodation $ [2] .00 Food $ [3] .00 Equipment used primarily to hunt small game mammals $ [4] .00 Other items $ [5] .00	Transportation $ [1] .00 Accommodation $ [2] .00 Food $ [3] .00 Equipment used primarily to hunt large game mammals $ [4] .00 Other items $ [5] .00
Yes [1] ○ No [2] ○ → *Go to Question F11*	Yes [1] ○ No [2] ○ → *Go to Question F11*	Yes [1] ○ No [2] ○ → *Go to Question F11*
Less than $50 [3] ○ $200 to $399 [6] ○ $50 to $99 [4] ○ $400 to $799 [7] ○ $100 to $199 [5] ○ $800 or more [8] ○	Less than $50 [3] ○ $200 to $399 [6] ○ $50 to $99 [4] ○ $400 to $799 [7] ○ $100 to $199 [5] ○ $800 or more [8] ○	Less than $50 [3] ○ $200 to $399 [6] ○ $50 to $99 [4] ○ $400 to $799 [7] ○ $100 to $199 [5] ○ $800 or more [8] ○

Section 2					
Province or Territory	Province or Territory	Province or Territory	Province or Territory	Province or Territory	Province or Territory
City, town or village	City, town or village	City, town or village	City, town or village	City, town or village	City, town or village
Park or protected area	Park or protected area	Park or protected area	Park or protected area	Park or protected area	Park or protected area
[1] Kilometres OR [2] Miles	[1] Kilometres OR [2] Miles	[1] Kilometres OR [2] Miles	[1] Kilometres OR [2] Miles	[1] Kilometres OR [2] Miles	[1] Kilometres OR [2] Miles
[3] Same-day trips [4] Overnight trips	[3] Same-day trips [4] Overnight trips	[3] Same-day trips [4] Overnight trips	[3] Same-day trips [4] Overnight trips	[3] Same-day trips [4] Overnight trips	[3] Same-day trips [4] Overnight trips
Days	Days	Days	Days	Days	Days

Section G : Questions on fish and wildlife activities in the United States

G1. In 1996, did you take any same-day or overnight trips to the United States for which **the main reason** was to watch, feed, photograph or study wildlife?
Yes [1] ○ No [2] ○ → *Go to Question G5*

G2. On how many days did you watch, feed, photograph or study wildlife while on these trips?
Days ☐

G3. In which state did you spend most of these days?
☐ State

G4. What was the total amount of money you personally spent for these trips to watch, feed, photograph or study wildlife in the United States in 1996? *(Include only amounts spent within the borders of the United States on transportation, accommodation, food and other items. Report your answer in Canadian or US dollars)*
$ CAN [1] ☐.00
or
$ US [2] ☐.00

G5. In 1996, did you fish for recreation in the United States?
Yes [3] ○ No [4] ○ → *Go to Question H1*

G6. On how many days did you fish for recreation in the United States?
Days ☐

G7. In which state did you spend most of these days?
☐ State

G8. What was the total amount of money you personally spent to fish for recreation in the United States in 1996? *(Include only amounts spent within the borders of the United States on transportation, accommodation, food and other items. Report your answer in Canadian or US dollars)*
$ CAN [1] ☐.00
or
$ US [2] ☐.00

H1. In 1996, what was your total income before deductions? *(Include income you received from wages, salaries and all other sources)*

No income	[1] ○	$20,000 to $29,000	[5] ○
Less than $5,000	[2] ○	$30,000 to $39,000	[6] ○
$5,000 to $9,999	[3] ○	$40,000 to $49,000	[7] ○
$10,000 to $19,999	[4] ○	$50,000 or more	[8] ○

To avoid duplication, Statistics Canada has entered into data sharing arrangements under section 12 of the Statistics Act with Environment Canada, the Canadian Forest Service, Parks Canada, the Canadian Tourism Commission and provincial and territorial agencies responsible for wildlife who are funding this survey. These organizations have undertaken to keep this information confidential and use it only for statistical purposes. Do you agree to share the information you have provided?

Yes [1] ○ No [2] ○

Do you have any comments? (Please write in the space below)

Thank you for your cooperation!