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Survey on the Importance of Nature to Canadians in 1996

Microdata User Guide

Special Surveys Division

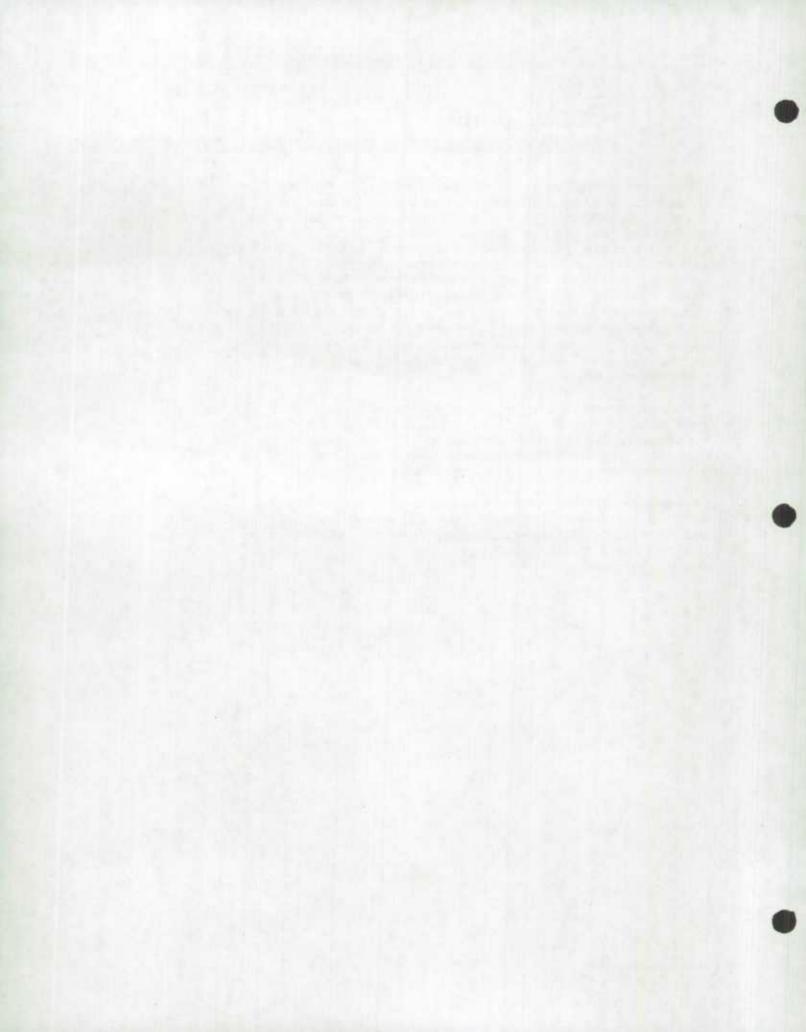
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2.0 Background

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 subprovincial 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.

Any questions about the data set or its use should be directed to:

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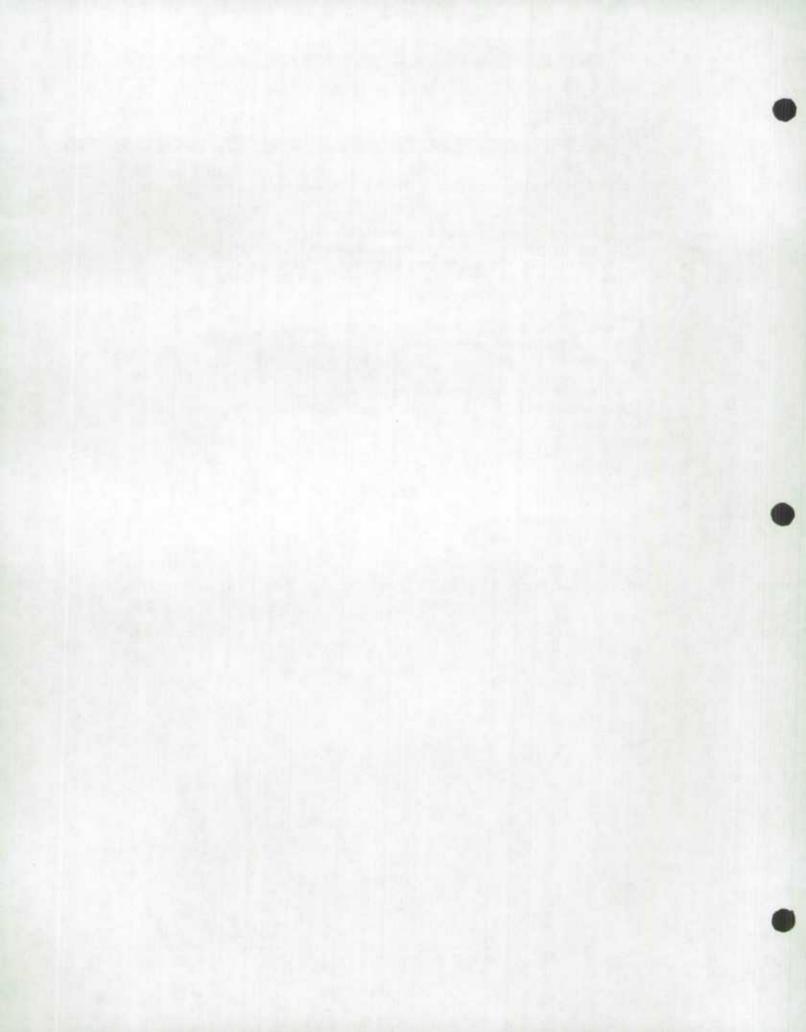
3.0 Objectives

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.
- L: 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 naturerelated 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 wildliferelated 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 lishing (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 furbearers
- 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.

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.

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.

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

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

²Some 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.

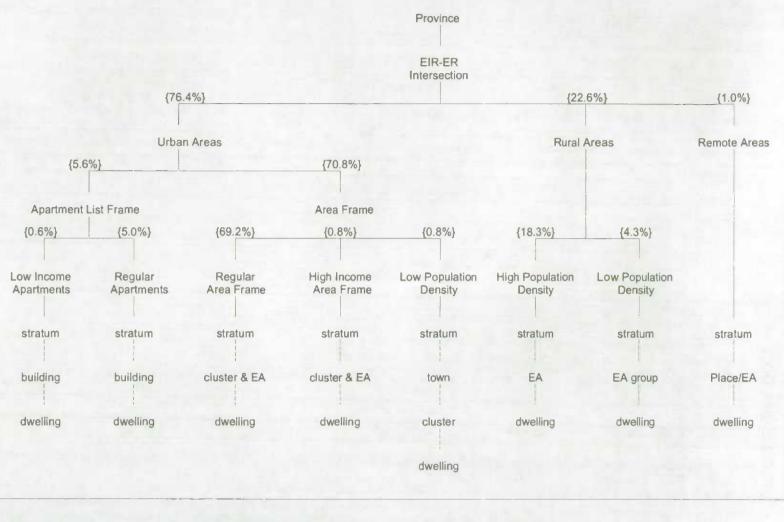
Dwelling Selection

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

EIR - Employment Insurance Region

ER - Economic Region

{%} - percentage of total sample

EA - Census Enumeration Area cluster - set of block faces

= stage of sampling

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 clwellings. 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 rnoving 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.

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.

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.

Data collection for the LFS is carried out each month using the computerassisted 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 sixmonth 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 <u>secondary reasons</u> 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 <u>main reason</u> of fishing for recreation (recreational fishing as a <u>secondary reason</u> 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 Sociodemographic 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.

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.

The first stage of survey processing undertaken at head office was the preedit. 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.

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 Subdivision (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 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'.

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

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 <u>any</u> 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.

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

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 <u>sampling error</u> 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 <u>measure of sampling error</u> 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.

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	\$ 11.00
	Accommodation	\$ 1.00
	Food	\$ 11.00
	Equipment used primarily for	
	outdoor activities in natural areas	\$ 11.00
	Other items	\$1 1.00

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 <u>total</u> 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 <u>average</u> 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:



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 = 1/2) is:



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

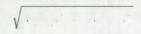
Suppose that the user estimates that 7,338,232 / 10,295,606 = 71.3% of people who took trips for outdoor activities, did sightseeing on these trips. How does the user determine the coefficient of variation of this estimate?

- (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%.
- 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.

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%

= 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.

TILS Plant to use the CV tables in this since

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 ...

lf

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.

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.

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

Approximate Sampling Variability Tables for CANADA

AFFMENATION O						POTTMATO	D PERCENT	TACE						
NUMERATOR O PERCENTAGE						B211MA16	D PERCEN	IAGE						
('000)	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
-	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	25.0	25.1	24.3	23.4	22.6	21.7	19.8	15.3	8.9
A	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	10.3	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	15.0	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	0.3	4.0
25	******	14.0	14.7	14.4	14.1	13.7	13.3	12.0	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	10.0	10.5	10.2	9.8	9.4	9.1	8.3	6.4	3.7
4.5	******	11.0	10.9	10.8	10.5	18.2	9.9	9.6	9.2	8.9	8.6	7.8	6.1	3.5
550	******	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
65		9.9	9.9	9.7	9.5	9.2	8.9	0.7	8.4	8.1	7.7	7.1	5.5	3.2
8-6	*******	9.5	9.5	9.3	9.1	8.8	8.6	0.3	8.0	7.7	7.4	6.8	5.2	3.0
1 1	******	9.1	9.1	9.0	8.7	8.5	8.2	7.7	7.7	7.4	7.1	6.5	5.0	2.9
		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
*6		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
196	*******	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	2.0	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 1000	********			2.6	2.6	2.5	2.4	2.3	2.3	1.9	1.8	1.9	1.5	0.9
1500				2.3	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	0.5	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 LEPT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
 (3) FOR CVs OF ESTIMATED PROPORTIONS, LOCATE THE ON 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.

Approximate Sampling Variability Tables for NEWFOUNDLAND

NUMERATOR OF PERCENTAGE						ESTIMATE	D PERCEN	TAGE						
(,000)	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
20				15.2	14.8	14.4	13.9	13.5	13.0	12.6	12.1	11.0	8.5	4.5
	********			14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.5	10.5	8.1	4.1
4.0				13.9	13.5	13.1	12.7	12.3	11.9	11.5	11.0	10.0	7.8	4.5
				13.3	13.0	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3
4.3	********			12.8	12.5	12.1	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2
27	********			12.4	12.1	11.7	11.4	11.0	10.6	10.2	9.8	9.0	7.0	4.0
20	******			12.0	11.7	11.3	11.0	10.7	10.3	9.9	9.5	8.7	6.7	3.9
	********			11.6	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.4	6.5	3.8
20	*******			11.3	11.0	10.7	10.4	10.0	9.7	9.4	9.0	8.2	6.4	3.1
	*******			11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.7	8.0	6.2	3.6
2.4				10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.5	7.8	6.0	3.5
	********			10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4
	********			10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.1	7.4	5.7	3.3
2.0	********				9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3
2.4	*********				9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
~ 5					9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.0	5.4	3.3
30					8.5	0.3	8.0	7.8	7.5	7.2	7.0	6.4	4.9	2.1
23	*********				7.9	7.7	7.4	7.2	7.0	6.7	6.4	5.9	4.6	2.0
	*********				7.4	7.2	7.0	6.7	6.5	6.3	6.0	5.5	4.3	2.!
0.0					7.0	6.0	6.6	6.4	6.1	5.9	5.7	5.2	4.0	2.3
	*********					6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
	*********					5.9	5.9	5.7	5.6	5.4	5.1	4.7	3.6	2.1
							5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
0.5	*********					5.6	5.5	5.3	5.1	4.9	4.7	4.3	3.3	1.9
1.4							5.1	5.1 4.9		4.7	4.6	4.2	3.2	1.5
	********						4.9	4.8	4.8	4.6	4.4	4.0	3.1	1.8
0.0	********						4.8			4.4		3.9	3.0	1.7
	********						4.6	4.6	4.5	4.3	4.1	3.8	2.9	1.7
	********								4.3	4.2	4.0	3.7	2.8	1.6
	*******							4.4	4.2	4.1	3.9	3.6	2.8	1 6
	********								3.7	4.0	3.8	3.5	2.7	1.6
									3.7	3.5	3.4	3.1	2.4	1 4
	********									3.2	3.1	2.8	2.2	1.3
250												2.5	1.9	1.1
300													1.7	0.9
													1.0	0.9
														0.8

- (1) COEFFICIENTS OF VARIATION (CVs) ARE PERCENTAGES.
 (2) FOR CVs OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROM. 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.

Approximate Sampling Variability Tables for PRINCE EDWARD ISLAND

NUMERATOR OF PERCENTAGE	7					ESTIMATE	PERCENT	TAGE						
(.000)	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.09	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	6.1
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	6.7	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
4.0	*********										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
8.0	*********													1.0
85	*********													1.0
9.0	*********													1.0
- ¥ °,	*********	******		******		******		*******		******	*******	******	******	0.9

NOTES

- (1) COEFFICIENTS OF VARIATION (CVB) ARE PERCENTAGES.

 (2) FOR CVB OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.

 (3) FOR CVB OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.

 (4) CVB IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

Approximate Sampling Variability Tables for NOVA SCOTIA

NUMERATOR OF	F					ESTIMATE	PERCEN	TAGE						
PERCENTAGE														
(,000)	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
3.0	*******	******	*****	9.0	8.8	8.6	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9
3.5	*******	******	*****	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.7	6.1	4.7	2.7
4.0	********	*****	******	*****	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
5.0	******	******	******	*****	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
8.5	******	******	******	******	*****	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

(1) COEFFICIENTS OF VARIATION (CV8) ARE PERCENTAGES.
(2) FOR CV8 OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROW. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.
(3) FOR CV8 OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.
(4) CV8 IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

Approximate Sampling Variability Tables for NEW BRUNSWICK

NUMERATOR OF	7					ESTIMATE	PERCEN	TAGE						
(.000)	0.1%	1.01	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	20.3	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	18.0	14.6	8.4
4	******	23.0	22.6	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	0.9	5.2
9		*****	15.2	15.0	14.6	14.2	13.0	13.3	12.9	12.4	11.9	10.9	8.4	4.9
10	********		14.4	14.2	13.0	13.5	13.1	12.6	12.2	11.0	11.3	10.3	8.0	4.6
11	********		13.8	13.6	13.2	12.6	12.4	12.1	11.6	11.2	10.0	9.0	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	11.0	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	0.4	6.5	3.8
16	******			11.2	10.9	10.6	10.3	10.0	9.7	9.3	8.9	0.2	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	0.8	8.4	7.7	6.0	3.4
19	*******			10.3	10.0	9.0	9.5	9.2	0.9	0.5	8.2	7.5	5.8	3.3
20	*******			10.1	9.8	9.5	9.2	0.9	8.6	0.3	8.0	7.3	5.7	3.3
21				9.8	9.6	9.3	9.0	8.7	8.4	0.1	7.8	7 - 1	5.5	3.2
22	********			9.6	9.3	9.1	8.8	0.5	0.2	7.9	7.6	7.0	5.4	3.1
23 24				9.4	9.1	8.9	8.6	8.3	8.1	7.0	7.5	6.8	5.3	3.0
25				9.2	8.9	8.5	8.4	8.0	7.7	7.6	7.3	6.7	5.2	3.0
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	4.0	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	2.0	1.6
85						4.6	4.5	4.3	4.2	4.0	3.9	3.5	2.7	1.6
5.0	********						4.4	4.2	4.1	3.9	3.8	3.4	2.7	1.5
150							4.2	4.1	4.0	3.8	3.7	3.3	2.6	1.5
11.5								3.6	3.5	3.7	3.2	2.9	2.5	1.5
130	********							3.3	3.5	3.0	2.9	2.7	2.3	1.3
246	********									2.6	2.5	2.3	1.8	1.0
850	********										*****	2.1	1.6	0.9
300												1.9	1.5	0.8
38.0	********	******				*******							1.4	0.8
400												******	1.3	0.7
450	********			******					******					0.7
500	*******		*******	******	*******	******			******	******		*******	******	0.7

(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.

Approximate Sampling Variability Tables for QUEBEC

NUMERATOR O	F					ESTIMATE	D PERCEN	TAGE						
PERCENTAGE ('000)	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%
2	01.7	00 0												
1	91.1	90.7	90.2 63.8	62.8	86.4	84.0	81.5	78.9	76.2	73.5	70.6	64.4	49.9	28.8
2 3		64.1			61.1	59.4	57.6	55.8	53.9	51.9	49.9	45.6	35.3	20.4
3	52.6 45.5	52.3 45.3	52.1 45.1	51.3	49.9	48.5	47.1	45.6	44.0	42.4	40.8	37.2	28.8	16.6
5	40.7	40.5	40.3	39.7	43.2	42.0	40.8	39.5	38.1	36.7	35.3	32.2	25.0	14.4
6	*0.7	37.0	36.8	36.3	38.7 35.3	37.6	36.4	35.3	34.1	32.9	31.6	20.0	22.3	12.9
7	*******	34.3	34.1	33.6	32.7	31.8	30.8	32.2	31,1	27.8	28.8	26.3	20.4	11.8
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	10.9
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	13.6	B.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	10.6	18.0	17.3	16.6	15.2	11.8	6.8
19	******	20.B	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	11.3	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
3.0	******	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	******	12.0	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	8.3	6.4	3.7
65	*********		11.2	11.0	10.7	10.4	10.1	9.0	9.5	9.1	8.8	8.0	6.2	3.6
70	********		10.8	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	7.7	6.0	3.4
75	********		10.4	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.4	5.8	3.3
8.0	********		10.1	9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2
85	********		9.8	9.6	9.4	9.1	8.8	8.6	0.3	8.0	7.7	7.0	5.4	3.1
90	*********		9.5	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.4	6.8	5.3	3.0
95	*********		9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.6	5.1	3.0
100	*********		9.0	8.9	8.6	8.4	8.2	7.9	7.6	7.3	7.1	6.4	5.0	2.9
125	********			7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.3	5.0	4.5	2 = 6
150	********			7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.8	5.3	4.1	2.4
200	*********			6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0
250	*********			5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.5	4.1	3.2	1 - 8
300	********				5.0	4.9	4.7	4.6	4.4	4.2	4.1	3.7	2.9	1.7
350	********				4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.4	2.7	1.5
400	********				4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.2	2.5	1.4
450	********				4.1	4.0	3.8	3.7	3.6	3.5	3.3	3.0	2.4	1.4
500	*******				3.9	3.8	3.6	3.5	3.4	3.3	3.2	2.9	2.2	1.3
750	*********					3.1	3.0	2.9	2.8	2.7	2.6	2.4	1.8	1.1
1000	********					*****	2.6	2.5	2.4	2.3	2.2	2.0	1.6	0.9
1500	*******							*****	2.0	1.9	1.6	1.7	1.3	0.7
2000	*********								*****	1.6	1.6	2.4	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 ROM. 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.

Approximate Sampling Variability Tables for ONTARIO

NUMERATOR O	P				1	ESTIMATE	PERCEN	TAGE						
PERCENTAGE					10.01	10.05	00.00	25.00	20.00	25 05	40.00		70.00	00.00
(,000)	0.14	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%
λ	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	26.7	27.8	26.8	25.9	24.8	22.7	17.6	10.1
	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
2.3	******	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
1.6	******	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
1,0	******	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	******	28.4	18.3	10.0	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	*****	27.6	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	24.3	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	9.7	9.8	9.5	9.2	8.8	8.5	7.7	6.0 5.8	3.5
65	*******	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
70 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
96	********		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
140	********		8.4	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7
124	********		7.5	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.4	4.2	2.4
140	********	*****	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
100	********			5.8	5.7	5.5	5.4	5.2	5.0	4.8	4.6	4.2	3.3	1.9
350	********	******		5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.2	3.0	2.9	1.7
200	********		*****	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.5	2.7	1.5
150	********			4.4	4.3	4.2	4.1	3.9	3.6	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	********				3.6	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	1.0	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.

Approximate Sampling Variability Tables for MANITORA

NUMERATOR O						ESTIMATE	PERCEN	TAGE						
{,000}	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.01	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	24.6	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	16.3	17.6	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	13.6	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	0.8	8.5	6.2	7.8	7.2	5.5	3.2
25	*******			9.7	9.4	9.1	8.9	0.6	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
4.0	********			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
6.5					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
60	*******				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						4.0	4.7	4.5	4.4	4.2	4.0	3.7	2.9	1.7
95 100	*********					4.7	4.6	4.4	4.3	4.1	3.9	3.6	2.8	1 = 6
125	*********					4.6	4.4	4.3	4.1	4.0	3.8	3.5	2.7	1 - 6
150	********					4.1	4.0	3.8	3.7	3.6	3.4	3.1	2.4	1.4
200	********						3.6	3.5	3.4	3.3	3.1	2.9	2.2	1.3
250								3.0	2.9	2.8	2.7	2.5	1.9	1.1
300	*********								2.6	2.5	2.4	2.2	1.7	1.0
350	*******									2.3	2.2	2.0	1.6	0.9
400	********											1.9	1.5	0.8
450	********											1.0	1.4	0.8
500	********												1.3	0.7
750	********												1.2	0.7
/50														(

- (1) COEPFICIENTS 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.

Approximate Sampling Variability Tables for SASKATCHEWAN

NUMERATOR O	F					ESTIMATE	PERCEN	FAGE						
PERCENTAGE	0.70	7 00	0.00											
(,000)	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	36.6	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	10.5	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	16.1	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	10.6	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 25	*********			10.0	9.7	9.5	9.2	8.9	8.6	8.3	7.9	7.3	5.6	3.2
30				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 7.8	8.2	7.9	7.7	7.4	7.1	6.5	5.0	2.9
40	*********			8.3	7.5		7.6	7.4	7.1	6.8	6.6	6.0	4.7	2.7
45	********				7.1	7.3	7.1 6.7	6.9	6.6	6.4	6.2	5.6	4.4	2.5
50	*******				6.7	6.5	6.4	6.2	5.9	5.7	5.8	5.3	4.1	2.4
55	********				6.4	6.2	6.1	5.9	5.7	5.5	5.2	5.0	3.9	2.2
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
7.0	********				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
8.0	********				******	5.2	5.0	4.9	4.7	4.5	4.4	4.0	3.1	1.8
8.5	********					5.0	4.9	4.7	4.6	4.4	4.2	3.9	3.0	1.7
940	********	******	*******			4.9	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
9.5	******					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
126	*******						3.7	3.6	3.4	3.3	3.2	2.9	2.2	1.3
200			******						3.0	2.9	2.6	2.5	1.9	1.1
269	********									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.

Approximate Sampling Variability Tables for ALBERTA

NUMERATOR O					1	ESTIMATE	PERCEN	TAGE						
(,000)	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.B	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
1.4	******	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
4.5	********			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
5.5	*********			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	6.8	8.6	8.3	8.1	7.8	7.5	7.2	6.6	5.1	2.9
70	********			8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8
75	********			8.1	7.9	7.7	7.7	7.5	7.2	7.0	6.7	6.1	4.7	2.7
80	********			7.9	7.7	7.4	7.2	7.0	6.7	6.7	6.5	5.9	4.6	2.6
85	********			7.6	7.4	7.2	7.0	6.8	6.5	6.5	6.1	5.5	4.4	2.6
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	2.2
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
250				******	*****	4.2	4.1	4.0	3.8	3.7	3.5	3.2	2.5	1 4
300	********				*****	3.6	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	1.3
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	0.0
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.

Approximate Sampling Variability Tables for BRETISH COLUMBIA

NUMERATOR O	P					ESTIMATE	PERCEN	TAGE						
PERCENTAGE ('000)	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	20.3	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	10.5	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		18.0	17.9	17.6	17.2	16.7	16.2	15.7	15.1		14.4	12.8	10.2	5.9
21	*******	17.6	17.5	17.2	16.8	16.3	15.8	15.7	14.8	14.6	14.0	12.5	9.9	5.7
22	*******	17.2	17.1	16.8	16.4	15.9	15.5	15.0	14.5	13.9	13.4	12.2	9.7	5.6
24		16.8	16.8	16.5	16.1	15.6	15.1	14.7	14.2	13.5	13.1	12.0	9.3	5.5
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	4.6
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
5.5	********	*****	11.1	10.9	10.6	10.3	10.0	9.7	9.4	9.0	6.7	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
7.5	*******	******	******	9.3	9.1	8.8	8.5	8.3	8.0	7.7	7.4	6.8	5.2	3.0
8 ::	*******			9.0	8.8	6.5	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9
9.6	*******			8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.4	4.9	2.8
20				8.5	8.3	8.1	7.8	7.6	7.3	7.0	6.8	6.2	4.8	2.8
13.21				8.3	8.1	7.8	7.6	7.4	7.1	6.9	6.6	6.0	4.7	2.7
1 (34)				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	5.7	6.0	5.7	5.2	4.1	2.3
100	********				5.6	5.4	6.1 5.2	5.9	4.9	5.5	5.2	4.8	3.7	2.1
250					5.0	4.8	4.7	4.5	4.4	4.2	4.1	3.7	3.2	1.9
300					4.5	4.4	4.3	4.1	4.0	3.9	3.7	3.4	2.6	1.5
3 100	********					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 (CV8) ARE PERCENTAGES.

(2) FOR CV8 OF ESTIMATED TOTALS, LOCATE THE CLOSEST ROM. THE LEFT-MOST COLUMN PROVIDES THE APPROXIMATE CV.

(3) FOR CV8 OF ESTIMATED PROPORTIONS, LOCATE THE ROW CLOSEST THE NUMERATOR, AND THE COLUMN CLOSEST THE PERCENTAGE.

(4) CV8 IN THIS TABLE ARE CRUDE AND ARE GENERALLY HIGHER THAN THE EXACT FIGURE. THEY ARE NOT OFFICIAL.

Approximate Sampling Variability Tables for YUKON

NUMERATOR OF						ESTIMATE	PERCENT	AGE						
PERCENTAGE ('000)	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	1.6
9	*******	******	********	******		*******	******				*****	3.9	3.0	1.7
10										*******		*****	2.9	1.7
11													2.7	1.6
12			*******										2.6	1.5
23													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 MOT 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.

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 subsampling 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 threemonth 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.

Special Surveys Division 71

12.0 Questionnaire

Special Surveys Division 73

May 30, 2000

PUBLIC USE MICRO-DATA FILE

Page 1

Variable:

RANDOMID

Position:

Random Identification Number

Variable:

DATE

Position:

6

Length:

Length:

Survey date (199706)

199706: 199706

FREQ 3 60,789

WTD 23,582,516

60,789

23,582,516

Variable:

STATUS

Position:

12

Length:

Method of collection.

2

Mail Telephone

12,686,985 10,895,532

60,789

FREQ

32,209

28,580

23,582,516

WTD

May 30, 200	0	PUBLIC U	UBLIC USE MICRO-DATA FILE				
Variable:	LFSPROV	Position:	13	Length:	2		
Province of res	idence.						
						EDEO	33777
10	Newfound	iland				FREQ 2,501	WTI 451,48
11		ward Island				1,518	107,08
12	Nova Scot					4,068	739,71
13	New Brun					3,541	602,06
24	Quebec	SW ICK				11,857	5,907,43
35	Ontario					18,311	8,926,82
46	Manitoba					4,414	859,24
47	Saskatche	wan				3,556	757,64
48	Alberta					4,670	2,137,41
59	British Co	lumbia				5,448	3,073,88
60	Yukon					905	19,74
						60,789	23,582,51
Variable: Census metropo	ORICMA	Position:	15	Length:	2		
Allowed Min:	00	Allowed Max:	15				
						FREQ	WTI
00	Other CM	A\Non CMA				53,426	15,774,02
01	Montreal					2,127	2,702,91
02	Toronto					3,203	3,560,71
03	Vancouve	r				2,033	1,544,85
						60,789	23,582,510
Variable:	LFSURC	Position:	17	Length:	1		
Urban/rural resi	dence.						
						FREQ	WTI
1	Rural Fran	ne				16,066	4,007,233
2	Urban Fra					44,723	19,575,283

	0	PUBLIC US	SE MICE	RO-DATA FI	LE		Page 3
Variable:	Filller	Position:	18	Length:	1		
Filler.							
Variable:	LFSHHS	Position:	19	Length:	1		
Household size							
Allowed Min:	1	Allowed Max:	5				
						FREQ	WTI
1	one					6,341	2,557,78
2	two					18,973	7,032,95
3	three four					12,415	4,826,76° 5,363,41
5	five or more					13,866 9,113	3,780,19
9	Suppressed					81	21,39
						60,789	23,582.51
Variable:	AGEGR	Position:	20	I enoth:	2		
Variable:	AGEGR	Position:	20	Length:	2		
	AGEGR	Position:	20	Length:	2		
		Position:	20	Length:	2	FREQ	
Age groups	15-16 years	Position:	20	Length:	2	2,251	793,17
Age groups 01 02	15-16 years 17-19 years	Position:	20	Length:	2	2,251 3,054	793,17 1,173,77
Age groups 01 02 03	15-16 years 17-19 years 20-24 years	Position:	20	Length:	2	2,251 3,054 4,407	793,17 1,173,770 1,982,77
Age groups 01 02 03 04	15-16 years 17-19 years 20-24 years 25-29 years	Position:	20	Length:	2	2,251 3,054 4,407 4,622	793,17 1,173,77 1,982,77 2,157,85
Age groups 01 02 03 04 05	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years	Position:	20	Length:	2	2,251 3,054 4,407 4,622 5,894	793,17 1,173,77 1,982,77 2,157,85 2,533,61
Age groups 01 02 03 04 05 06	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years 35-39 years	Position:	20	Length:	2	2,251 3,054 4,407 4,622 5,894 6,564	793,17 1,173,77 1,982,77 2,157,85 2,533,61 2,601,85
Age groups 01 02 03 04 05 06 07	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years 35-39 years 40-44 years	Position:	20	Length:	2	2,251 3,054 4,407 4,622 5,894 6,564 6,358	793,17 1,173,77 1,982,77 2,157,85 2,533,61 2,601,85 2,436,14
Age groups 01 02 03 04 05 06 07	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years 35-39 years 40-44 years 45-49 years	Position:	20	Length:	2	2,251 3,054 4,407 4,622 5,894 6,564 6,358 5,810	793,17 1,173,77 1,982,77 2,157,85 2,533,61 2,601,85 2,436,14 2,097,91
Age groups 01 02 03 04 05 06 07 08 09	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years 35-39 years 40-44 years 45-49 years 50-54 years	Position:	20	Length:	2	2,251 3,054 4,407 4,622 5,894 6,564 6,358 5,810 4,776	793,17 1,173,77 1,982,77 2,157,85 2,533,61 2,601,85 2,436,14 2,097,91 1,770,98
Age groups 01 02 03 04 05 06 07 08 09 10	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years 35-39 years 40-44 years 45-49 years 50-54 years 55-59 years	Position:	20	Length:	2	2,251 3,054 4,407 4,622 5,894 6,564 6,358 5,810 4,776 3,821	793,17 1,173,77 1,982,77 2,157,85 2,533,61 2,601,85 2,436,14 2,097,91 1,770,98 1,339,37
Age groups 01 02 03 04 05 06 07 08 09 10	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years 35-39 years 40-44 years 45-49 years 50-54 years	Position:	20	Length:	2	2,251 3,054 4,407 4,622 5,894 6,564 6,358 5,810 4,776 3,821 3,336	793,17 1,173,77 1,982,77 2,157,85 2,533,61 2,601,85 2,436,14 2,097,91 1,770,98 1,339,37 1,173,63
Age groups 01 02 03 04 05 06 07 08 09 10 11	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years 35-39 years 40-44 years 45-49 years 50-54 years 55-59 years 60-64 years		20	Length:	2	2,251 3,054 4,407 4,622 5,894 6,564 6,358 5,810 4,776 3,821	793,17 1,173,77 1,982,77 2,157,85 2,533,61 2,601,85 2,436,14 2,097,91 1,770,98 1,339,37 1,173,63 1,097,50
Variable: Age groups 01 02 03 04 05 06 07 08 09 10 11 12 13 99	15-16 years 17-19 years 20-24 years 25-29 years 30-34 years 35-39 years 40-44 years 45-49 years 50-54 years 55-59 years 60-64 years 65-69 years		20	Length:	2	2,251 3,054 4,407 4,622 5,894 6,564 6,358 5,810 4,776 3,821 3,336 3,185	WTI 793,17 1,173,770 1,982,779 2,157,852 2,533,610 2,601,850 2,436,142 2,097,91 1,770,984 1,339,379 1,173,632 1,097,509 2,319,84 104,079

May 30, 20	00	PUBLIC U	PUBLIC USE MICRO-DATA FILE					
Variable:	SEX	Position:	22	Length:	1			
Sex of the res	pondent							
						FREQ	WTD	
1 2	Male Female					28,853 31,936	11,579,284 12,003,232	
						60,789	23,582,516	
Variable:	LFSMARST	Position:	23	Length:	1			
Marital status	of respondent.							
						FREQ	WTD	
1	Married/Co	ommon law				39,083	14,685,328	
2	Single, nev	er married				14,418	6,127,399	
3	Widow or	Widower				3,489	1,287,575	
4		or Divorced				3,589	1,423,438	
9	Suppressec	i				210	58,777	
						60,789	23,582,516	
Variable:	LFSEDLEC	Position:	24	Length:	1	THE		
Highest level	of education of the r	respondent.						
						FREQ	WTD	
1	0 to 8 years	S				7,698	2,671,952	
2		ndary education				12,510	4,370,818	
3		from high schoo	1			10,802	4,353,456	
4	Some post					5,627	2,338,980	
5		dary certificate o	r diploma			15,331	5,801,413	
6	University					8,716	4,017,587	
9	Suppressec	1				105	28,312	
						60,789	23,582,516	

May 30, 20	00	PUBLIC U	Page 5			
Variable:	LFSWKLYE	Position:	25	Length:	7	
					unt. (FEBRUARY 199	7 LFS)
Allowed Min:	0000001	Allowed Max	999999	2		
					FREO	WTE
0009999 : 015	50001				25,869	10.711,465
9999996	Not applica	ble			33,962	12,581,004
9999999	Suppressed				958	290,048
					(0.700	22 602 614
					60,789	23,582,516
Variable:	LFSSTAT	Position:	32	Length:	1	23,382,316
Variable: Labour force s	LFSSTAT		32 UARY 1997		1	23,382,316
					1	
	status of the responde				1 FREQ	WTE
	status of the responde	ent. (FEBR			1	WTE
	status of the responde	ent. (FEBR			FREQ 33,253	WTE 13,428,827 1,500,988
	Employed Not employ	ent. (FEBR ved abour force			FREQ 33,253 3,949	WTE

May 30, 2000

PUBLIC USE MICRO-DATA FILE

Page 6

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

May 30, 20	00	PUBLIC	USE MICRO	J-DATA FI	LE	Page '
Variable:	SOC22	Position:	35	Length:	2	
Occupation of	f main job of the re	espondent. (FEB	RUARY 1997	LFS)		
					FREQ	WT
1	Manager	ial & administrati	ve		4,749	2,040,23
2		Science and related			1,316	643,95
3		cience and related			765	307,20
4	Religion				64	25,60
5		g and related			1,995	806,72
6		e and health			2,068	771,77
7		literacy, recreation	nal and related		665	311,42
8		and related	in and iciated		5,380	2,220,96
9	Sales	and related			3,834	1,585,79
0	Service				6,097	2,282,47
		harticultural and	huchanda		1,905	559,13
1		, horticultural and				
2		trapping and relat	eu		262 209	38,31
3		and logging	ma ail and ass		234	56,41
4		quarrying, includi	ng on and gas		1.132	60,39
5	Processi				541	397,35
6	Machini					221,97
17	Fabricati	-			2,706	1,181,15
18	Construc				2,144	800,52
19		t equipment opera	ating		1,482	561,42
20		handling			862	401,12
21	Other cra				306	150,69
.2		orked or permaner		ork		
		more than 1 year	ago		20,926	7,800,60
9	Suppress	sed			1,147	357,24
					60,789	23,582,51
Variable:	A1A	Position:	37	Length:	-1	
During 1996	did you take part i	n any of the follow	ving activities?	Read books,	magazines or articles of	n nature
					FREQ	WT
	Yes				26,552	10,238,69
	No				27,311	10,769,17
	Not state	ed			6,926	2,574,6
					60,789	23,582,5

May 30, 20	000	PUBLIC U	JSE MICE	RO-DATA FI	LE		Page 8
Variable:	AlB	Position:	38	Length:	1		
Watch films	s or TV programs or	n nature					
						FREQ	WTD
1	Yes					42,145	16,402,46
2	No					12,633	4,950,319
9	Not stated					6,011	2,229,730
						60,789	23,582,510
Variable:	AIC	Position:	39	Length:	1		
Purchase art	t, crafts or posters o	f nature.					
					7	FREQ	WTI
1	Yes					9,956	3,890,37
2	No					42,851	16,747,810
9	Not stated					7,982	2,944,335
	11010100						
						60,789	23,582,516
Variable:	A1D	Position:	40	Length:	1		
Visit a zoo,	game farm, aquariu	m or museum of	natural histor	у.			
						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	23,582,510
						30,707	and and and

May 30, 2000 PUBLIC USE MICRO-DATA FILE							
Position:	41	Length:	1				
		our interest in pa	rticipatir	ngJoining or	. Library		
, conservation or sportsn	nan's club?						
ne interest in participatin interest in participating				FREQ 2,512 10,479 40,591	WTD 967,963 4,047,611 15,935,485 2,631,457		
				60,789	23,582,516		
Position:	42	Length:	1				
	1 11:6-						
ographing or studying wi	ildlife.						
				FREQ 9,756 21,658 22,473 6,902	WTD 3,599,033 8,377,491 9,071,693 2,534,299		
				60,789	23,582,516		
Position:	43	Length:	1				
				EDEO	HITTO		
				3,401 3,749 46,604 7,035	WTD 1,019,659 1,207,705 18,763,983 2,591,170		
				60,789	23,582,516		
	Position: eck the category that best, conservation or sports of the interest in participating interest in participating interest in participating is stated Position: ographing or studying with the interest in participating	Position: 41 eck the category that best describes y, conservation or sportsman's club? eat interest in participating interest in participating interest in participating is stated Position: 42 ographing or studying wildlife. eat interest in participating interest in participating interest in participating is stated Position: 43 Position: 43	Position: 41 Length: eck the category that best describes your interest in participating interest in participating interest in participating interest in participating is stated Position: 42 Length: ographing or studying wildlife. eat interest in participating	Position: 41 Length: 1 eck the category that best describes your interest in participating, conservation or sportsman's club? at interest in participating interest in participating interest in participating interest in participating is stated Position: 42 Length: 1 ographing or studying wildlife. eat interest in participating	Position: 41 Length: 1 eck the category that best describes your interest in participatingJoining or a conservation or sportsman's club? FREQ 2,512 that interest in participating 2,512 in interest in participating 40,591 7,207 FREQ 2,512 60,789 Position: 42 Length: 1 ographing or studying wildlife. FREQ 9,756 at interest in participating 9,756 the interest in participating 21,658 interest in participating 22,473 at stated 6,902 FREQ 9,756 60,789 FREQ 9,756 60,789 FREQ 3,401 60,789 FREQ 3,401 at interest in participating 3,401 at interest in participating 46,604 at interest in participating 46,604 at interest in participating 46,604 at interest in participating 40,604 at interest in participating 40,604		

May 30, 200	00	PUBLIC US	PUBLIC USE MICRO-DATA FILE					
Variable:	A2D	Position:	44	Length:	1			
Trapping for	food or fur.							
						EDEO	WTT	
	Great is	nterest in participating				FREQ 575	WTI 163,91	
2		nterest in participating				1,449	466,40	
3		rest in participating				51,486	20,290,14	
	Not star					7,279	2,662,052	
						60,789	23,582,510	
Variable:	A2E	Position:	45	Length:	1			
Recreational	fishing.							
						EDEO	WTD	
	Great is	nterest in participating				FREQ 8,069	2,817,626	
		nterest in participating				14,595	5,544,034	
3		rest in participating				31,064	12,623,830	
	Not stat					7,061	2,597,027	
						60,789	23,582,516	
Variable:	A2F	Position:	46	Length:	1			
	vities in natural e use, swimmin	areas such as camping, g, boating.	picnickin	g, hiking, riding,	cycling,	skiing, snowsł	noeing,	
						FREQ	WTD	
	Great in	nterest in participating				22,193	8,728,386	
2		nterest in participating				17,397	6,767,591	
3		rest in participating				13,997	5,434,578	
	Not stat					7,202	2,651,962	
						60,789	23,582,516	

May 30, 2000)	PUBLIC US		Page 11			
Variable:	A3	Position:	47	Length:	1		
During 1996, die	d you belong or co	ntribute to any nat	turalist, conse	ervation or spor	tsman's	club?	
,	Yes					FREQ 3,538	WTE 1,277,881
2	No					57,251	22,304,636
						60,789	23,582,516
Variable:	A4	Position:	48	Length:	6		
In 1996, how m	uch did you spend	on your members	hip fee(s) or o	donation(s) to t	hese orga	anizations?	
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000 : 00876	0					3,317	1,200,98
999996	Valid skip					57,251	22,304,630
999999	Not stated					221	76,898
						60,789	23,582,516
Variable:	A5A	Position:	54	Length:	1		
In 1996, did you fish or wildlife.	ı maintain, restore	or purchase land f	or any of the	following reason	ons?T	o provide food	or shelter for
						FREQ	WTI
1	Yes					1,205	420,503
2	No					59,398	23,087,013
9	Not stated					186	74,999
						60,789	23,582,516

May 30, 2000	0	PUBLIC US	SE MICRO	D-DATA FI	LE		Page 12	
Variable:	A5B	Position:	55	Length:	1			
To conserve o	r restore a natura	l setting.						
						FREO	WTD	
1	Yes					1,495	508,88	
2	No					59,108	22,998,631	
9	Not stated	1				186	74,999	
						60,789	23,582,516	
		-	-				-	
Variable:	A5C	Position:	56	Length:	1			
None of the ab	oove.							
						FREQ	WTD	
1	Yes					58,599	22,822,409	
2	No					2,190	760,107	
9	Not stated	1				0	(
						60,789	23,582,516	
Variable:	A6	Position:	57	Length:	6			
		onally spend to mair		or purchase thi	s land?			
Allowed Min:	000000	Allowed Max:	999995					
						FREQ	WTD	
000000 : 085000	0					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	

00	PUBLIC USE MICRO-DATA FILE					Page 13
B1	Position:	63	Length:	1		
or more of the following nuts, berries or fraking/Sailing, Pow	wing outdoor acti irewood, Picnick er boating, Hikin	ivities? (Sigh ing, Camping g/backpackin	tseeing in natural g, Swimming/bea g, Climbing, Ho	l areas, P ch activi rseback r	hotographing i ty, iding, Cycling,	n natural Off-road
Yes No					FREQ 26,524 34,265	WTD 10,295,606 13,286,911
					60,789	23,582,516
B2B	Position:	64	Length:	3		
these trips did you ()00)			s. (see question E	32A on q	uestionnaire)	
					FREQ 21,240	WTD 8,346,189
					38,582 967	14,866,270 370,057
					60,789	23,582,516
B2D	Position:	67	Length:	3		
ips. (see question B 000						
					FREQ	WTD
Valid skip Not stated					38,704 945	8,216,162 15,004,431 361,923
					60,789	23,582,516
	butake any same-direction of the following nuts, berries or fraking/Sailing, Powownhill skiing, Cro Yes No B2B these trips did you to (000) Valid skip Not stated B2D ips. (see question B 000)	B1 Position: ou take any same-day or overnight to or more of the following outdoor acting nuts, berries or firewood, Picnick aking/Sailing, Power boating, Hikin ownhill skiing, Cross-country skiing Yes No B2B Position: these trips did you take in 1996? S 000 Allowed Max. Valid skip Not stated B2D Position: ips. (see question B2B on questionn. 000 Allowed Max.	B1 Position: 63 ou take any same-day or overnight trips within Captron more of the following outdoor activities? (Sighing nuts, berries or firewood, Picnicking, Camping aking/Sailing, Power boating, Hiking/backpacking ownhill skiing, Cross-country skiing/snowshoein Yes No B2B Position: 64 these trips did you take in 1996?Same-day trip 000 Allowed Max: 995 Valid skip Not stated B2D Position: 67 ips. (see question B2B on questionnaire) 000 Allowed Max: 995	B1 Position: 63 Length: ou take any same-day or overnight trips within Canada for which to more of the following outdoor activities? (Sightseeing in natural ing nuts, berries or firewood, Picnicking, Camping, Swimmaing/bea aking/Sailing, Power boating, Hiking/backpacking, Climbing, Howomhill skiing, Cross-country skiing/snowshoeing, Snowmobiling Yes No B2B Position: 64 Length: these trips did you take in 1996?Same-day trips. (see question In the set trips did you take in 1996?Same-day trips.) Valid skip Not stated B2D Position: 67 Length: ips. (see question B2B on questionnaire) 000 Allowed Max: 995	but take any same-day or overnight trips within Canada for which the main or more of the following outdoor activities? (Sightseeing in natural areas, Ping nuts, berries or firewood, Picnicking, Camping, Swimming/beach activitaking/Sailing, Power boating, Hiking/backpacking, Climbing, Horseback rownhill skiing, Cross-country skiing/snowshoeing, Snowmobiling, Relaxing Yes No B2B	B1 Position: 63 Length: 1 ou take any same-day or overnight trips within Canada for which the main reason was to go more of the following outdoor activities? (Sightseeing in natural areas, Photographing in genuts, berries or firewood, Picnicking, Camping, Swimming/beach activity, aking/Sailing, Power boating, Hiking/backpacking, Climbing, Horseback riding, Cycling, ownhill skiing, Cross-country skiing/snowshoeing, Snowmobiling, Relaxing in an outdoo result of the strips of

May 30, 2000 PUBLIC USE MICRO-DATA FIL						FILE		
Variable:	взв	Position:	70	Length:	3			
How many days	s in total did you sp	and on outdoor ac	tivitiaa whi		In vo		i	
	3A on questionnair		tivities wni	ie on these trips?	in you	ir province or	territory.	
Allowed Min:	000	Allowed Max:	365					
						FREQ	WTI	
000:365						24,355	9,491,98	
96	Valid skip					34,979	13,535,18	
999	Not stated					1,455	555,34	
						60,789	23,582,510	
Variable:	B3D	Position:	73	Length:	3			
Elsewhere in	Canada?(see questi	on B3B on question	onnaire)					
Allowed Min:	000	Allowed Max:	365					
						FREQ	WTI	
000 : 365								
996	Valid skip					12,807 47,216	4,966,11 18,332,35	
999	Not stated					766	284,04	
						60,789	23,582,516	
Variable:	B4B	Position:	76	Length:	6			
	otal amount of mon ada in 1996?Trans 000000			ese trips to watch B4A on question		photograph or	study	
	6.77					FREQ	WTI	
000000 : 01483						23,781	9,246,530	
999996	Valid skip					34,265	13,286,91	
99999	Not stated					2,743	1,049,069	

PUBLIC USE MICRO-DATA FILE Pag	PUBLIC USE MICRO-DATA FILE)	May 30, 2000				
Position: 82 Length: 6	6		Length:	82	Position:	B4D	Variable:				
B on questionnaire)					B on questionnai						
Allowed Max: 999995				999995	Allowed Max:	000000	Allowed Min:				
FREQ											
23,778 9,24							000000 : 007300				
34,265 13,28						Valid skip	999996				
2,746 1,05						Not stated	999999				
	==										
60,789 23,58											
Position: 88 Length: 6	6		Lenoth:	88	Position:	B4F	Variable:				
2 Control Cont			2000		2 001110111	271	r wr two ic.				
onnaire)					onnaire)	tion B4C on quest	Food (see ques				
Allowed Max: 999995				999995	Allowed Max:	000000	Allowed Min:				
FREQ											
23,778 9,24							000000 : 003596				
34,265 13,28						Valid skip	999996				
2,746 1,05						Not stated	999999				
60,789 23,58	=:										
Position: 94 Length: 6	6		Length:	94	Position:	В4Н	Variable:				
se activities (see question B4D on questionnaire) Allowed Max: 999995		naire)	on question			marily used for the	Equipment pri				
Allowed Max. 777773				77773	Anowed Max.	000000	Allowed Min:				
FREQ											
23,778 9,24							000000 : 052000				
34,265 13,28						Valid skip	999996				
2,746 1,05						Not stated	999999				
60,789 23,58	=										

		T O D D T O O	SE MICR	O-DATA FI	LE		Page 10
Variable:	B4J	Position:	100	Length:	6		
		on questionnaire)	000005				
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000 : 0076	85					23,778	9,244,70
999996	Valid skij	D				34,265	13,286,91
99999	Not stated					2,746	1,050,90
						60,789	23,582,51
Variable:	B5	Position:	106	Length:	1		
Would you stil	l have taken these	trips if your cost h	nad been more	?			
						FREQ	WTI
1	Yes					18,186	7,058,77
2	No					7,491	2,941,28
	Valid skip	р				34,265	13,286,91
5						0.47	295,54
	Not stated	1				847	
		d				60,789	23,582,510
6 9 Variable:		Position:	107	Length:	3		
Variable:	Not stated						
Variable:	Not stated	Position:				60,789	23,582,510
Variable:	B6 re would you have	Position:				60,789 FREQ	23,582,510 WTI
Variable: How much mo	Not stated	Position:				60,789 FREQ 4,610	23,582,510 WTI 1,781,59
Variable: How much mo	B6 re would you have	Position:				FREQ 4,610 4,765	23,582,510 WTI 1,781,59 1,816,23
Variable: How much mo 025 075	B6 re would you have \$25.00 \$75.00	Position:				FREQ 4,610 4,765 3,925	WTI 1,781,59 1,816,23 1,527,53
Variable: How much mo 025 075 150 800	B6 re would you have \$25.00 \$75.00 \$150.00	Position:				FREQ 4,610 4,765 3,925 2,283	WTI 1,781,59 1,816,23 1,527,53 925,24
Variable: How much mo 025 075 150 800 600	825.00 \$75.00 \$150.00 \$300.00	Position:				FREQ 4,610 4,765 3,925 2,283 1,013	WTI 1,781,59 1,816,23 1,527,53
Variable:	825.00 \$75.00 \$150.00 \$300.00 \$600.00	Position: e spent before deci				FREQ 4,610 4,765 3,925 2,283 1,013 1,167	WTI 1,781,59 1,816,23 1,527,53 925,24 403,13 449,30
Variable: How much mo 025 075 50 600 600	\$25.00 \$75.00 \$150.00 \$300.00 \$600.00	Position: e spent before deci				FREQ 4,610 4,765 3,925 2,283 1,013	WTI 1,781,59 1,816,23 1,527,53 925,24 403,13

May 30, 200	00	PUBLIC U	JSE MICE	RO-DATA FI	LE	Page 17
Variable:	B9L1	Position:	110	Length:	1	
Was this locati	ion in a national or	provincial park o	r other protec	eted 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
	B11L1B	Position:	111	Length:	4	
About how far			on? (Kilomet		4 n B11L1A on questions	naire)
About how far	from your residen	ce was this location	on? (Kilomet		n BIILIA on questions	
Variable: About how far Allowed Min:	from your residen	ce was this location	on? (Kilomet		BIILIA on questions	WTD
About how far Allowed Min:	from your residen 0000	ce was this location Allowed Max:	on? (Kilomet		FREQ 24,329	WTD 9,375,173
About how far Allowed Min:	from your residen	ace was this location Allowed Max	on? (Kilomet		BIILIA on questions	WTD

ova Scoti ew Bruns uebec ntario anitoba askatchew berta ritish Co ukon orth Wess utside Ca	ward Island ia swick wan olumbia at Territories	115	Length:		REQ 1,052 564 1,707 1,446 4,519 7,486 1,644 1,338 2,301 3,055 350 18	WTI 203,40 69,29 333,00 288,43 2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
ination ewfoundl ince Edw ova Scoti ew Bruns uebec ntario anitoba skatchew berta ritish Co ukon orth West utside Ca	land ward Island ia swick wan olumbia at Territories		Length	F 1	1,052 564 1,707 1,446 4,519 7,486 1,644 1,338 2,301 3,055 350	203,40 69,29 333,00 288,43 2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
ewfoundlince Edwova Scotiew Bruns uebec anitoba askatchew berta ritish Coukon orth Westuside Ca	ward Island ia swick wan olumbia at Territories				1,052 564 1,707 1,446 4,519 7,486 1,644 1,338 2,301 3,055 350	203,40 69,29 333,00 288,43 2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
ince Edwova Scoti ew Bruns uebec ntario anitoba askatchew berta ritish Co ukon orth Wesi utside Ca	ward Island ia swick wan olumbia at Territories				1,052 564 1,707 1,446 4,519 7,486 1,644 1,338 2,301 3,055 350	203,40 69,29 333,00 288,43 2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
ince Edwova Scoti ew Bruns uebec ntario anitoba askatchew berta ritish Co ukon orth Wesi utside Ca	ward Island ia swick wan olumbia at Territories				564 1,707 1,446 4,519 7,486 1,644 1,338 2,301 3,055 350	69,29 333,00 288,43 2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
ova Scoti ew Bruns uebec ntario anitoba askatchew berta ritish Co ukon orth Wess utside Ca	ia swick wan olumbia st Territories			1	1,707 1,446 4,519 7,486 1,644 1,338 2,301 3,055 350	333,00 288,43 2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
ew Bruns uebec ntario anitoba askatchew berta ritish Co ukon orth Wess utside Ca	swick wan slumbia st Territories			1	1,446 4,519 7,486 1,644 1,338 2,301 3,055 350	288,43 2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
uebec ntario anitoba iskatchew iberta ritish Co ukon orth Wesi utside Ca	van olumbia ot Territories onada			1	4,519 7,486 1,644 1,338 2,301 3,055 350	2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
ntario anitoba iskatchew iberta ritish Co ukon orth Wesi utside Ca	olumbia et Territories anada			1	4,519 7,486 1,644 1,338 2,301 3,055 350	2,203,19 3,514,83 337,24 319,61 994,74 1,598,29 16,37
anitoba iskatchew berta ritish Co ikon orth Wesi itside Ca	olumbia et Territories anada				7,486 1,644 1,338 2,301 3,055 350	3,514,83 337,24 319,61 994,74 1,598,29 16,37
skatchew berta ritish Co ukon orth West utside Ca	olumbia et Territories anada				1,644 1,338 2,301 3,055 350	337,24 319,61 994,74 1,598,29 16,37
berta ritish Co ukon orth Wes utside Ca	olumbia et Territories anada			1	1,338 2,301 3,055 350	319,61 994,74 1,598,29 16,37
ritish Co ukon orth West utside Ca	t Territories anada			4	2,301 3,055 350	994,74 1,598,29 16,37
ukon orth West utside Ca	t Territories anada				3,055 350	1,598,29 16,37
ukon orth West utside Ca	t Territories anada				350	16,37
orth West	anada					
utside Ca	anada				IX	7,10
					3	1.15
alid skip				34	1,265	13,286,91
nknown					1,041	408,91
					0,789	23,582,51
В	Position:	117	Length:	3		
ama day	and overnight tri	na did way ta		n fan autdaan	a attribitant	2 Camo dan
		ps did you ta	ike to this locatio	n for outdoor	activities	Same-day
	Allowed Max:	995				
						WTI
						6,035,35
alid skip						16,739,67
ot stated						807,48
						23,582,51
3	lid skip	lid skip	Allowed Max: 995	Allowed Max: 995	Allowed Max: 995 F 15 lid skip t stated	Allowed Max: 995 FREQ 15,567 lid skip 43,161

80, 2000 PUBI	PUBLIC USE MICRO-DATA FILE				
le: B12L1D Positio	n: 120	Length:	3		
night trips (see question B12L1B on	the questionnaire)				
d Min: 000 Allower					
				FREQ	WTE
05				16,017	6,080,909
Valid skip				42,711	16,694,124
Not stated				2,061	807,484
				60,789	23,582,516
10-11-214					
le: B13L1 Positio	n: 123	Length:	3		
any days in total did you take part in	outdoor activities at	this location?			
d Min: 000 Allowed					
				FREQ	WTD
65				24,712	9,593,338
Valid skip				34,265	13,286,911
Not stated				1,812	702,268
				60,789	23,582,516
le: B14L1A Positio	n: 126	Length:	1		
ch of the following outdoor activities	did you participate or	n your trips to th	nis locati	onSightsee	ing in natural
				FREQ	WTD
Yes				17,517	6,871,742
No				7,791	2,942,467
Valid skip				34,265	13,286,911
Not stated				1,216	481,397
				=======	=======================================

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17 . 71	DAALAD	D. S.	127				
Variable:	B14L1B	Position:	127	Length:	1		
Photographi	ng natural areas						
						FREQ	WTI
1	Yes					8,389	3,274,58
2	No					16,919	6,539,62
6	Valid skip					34,265	13,286,91
9	Not stated					1,216	481,39
						60,789	23,582,51
Variable:	B14L1C	Position:	128	Length:	1		
Gathering nu	its, berries or firewo	od					
						EDEO	WTI
1	Yes					FREQ 6,145	2,188,37
1 2	No					19,163	
6							7,625,83
9	Valid skip					34,265	13,286,91
9	Not stated					1,216	481,39
						60,789	23,582,51
Variable:	B14L1D	Position:	129	Length:	1		
Picnicking							
	37			1		FREQ	WTI
1	Yes					13,921	5,433,16
2	No					11,387	4,381,04
6	Valid skip					34,265	13,286,91
9	Not stated					1,216	481,39
						60,789	23,582,51

		Page 21				
B14L1E	Position:	130	Length:	1		
					FREQ	WTD
Yes						3,867,299
No						5,946,910
Valid skip						13,286,911
Not stated					1,216	481,397
					60,789	23,582,516
B14L1F	Position:	131	Length:	1		
each activities						
					FREO	WTD
Yes						4,762,265
No						5,051,944
Valid skip						13,286,911
Not stated					1,216	481,397
					60,789	23,582,516
B14L1G	Position:	132	Length:	1		
yaking/sailing						
					EDEO	ZZ Indiana
Vac						WTI
						1,822,678
						7,991,531
						13,286,911
inot stated					1,216	481,397
					60,789	23,582,516
	Yes No Valid skip Not stated B14L1F each activities Yes No Valid skip Not stated	Yes No Valid skip Not stated B14L1F Position: each activities Yes No Valid skip Not stated B14L1G Position: yaking/sailing Yes No Valid skip	Yes No Valid skip Not stated B14L1F Position: 131 each activities Yes No Valid skip Not stated B14L1G Position: 132 yaking/sailing Yes No Valid skip	Yes No Valid skip Not stated B14L1F Position: 131 Length: each activities Yes No Valid skip Not stated B14L1G Position: 132 Length: yaking/sailing Yes No Valid skip	Yes No Valid skip Not stated B14L1F Position: 131 Length: 1 each activities Yes No Valid skip Not stated B14L1G Position: 132 Length: 1 yaking/sailing Yes No Valid skip	Yes 10,640 14,668 34,265 Not stated 1,216

May 30, 200	00	PUBLIC U	Page 22				
Variable:	B14L1H	Position:	133	Length:	1		
Power boatir	ng						
						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/back	packing						
						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		
	DIALIS	1 031110/11.	155	Lengin.			
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

May 30, 20	2000 PUBLIC USE MICRO-DATA FILE						Page 23	
Variable:	B14L1K	Position:	136	Length:	1			
Horseback r	iding							
						EDEO	a a tudo da	
1	Yes					FREQ 749	WTD 267,298	
2	No					24,559	9,546,910	
6	Valid skip					34,265	13,286,911	
9	Not stated					1,216	481,397	
	THOU STATE OF					======		
						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 vel	hicle 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	

May 30, 20	00	PUBLIC U	JSE MICE	RO-DATA FI	LE		Page 24
Variable:	B14L1N	Position:	139	Length:	1		
				20.00			
Downhill sk	ling						
						FREQ	WTE
1	Yes					1,490	703,822
2	No					23,818	9,110,387
6 9	Valid skip					34,265	13,286,911
9	Not stated					1,216	481,397
						60,789	23,582,516
Variable:	B14L10	Position:	140	Length:	1		
V country of	-iina/an arrahaaina						
A-country si	ciing/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		
Snowmobili	ng						
						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

B14L1Q utdoor setting Yes No Valid skip Not stated	Position:	142	Length:	1	FREQ 18,908 6,400 34,265 1,216 60,789	WTI 7,277,45 2,536,75 13,286,91 481,39' 23,582,510
Yes No Valid skip Not stated		142	Length:	1	18,908 6,400 34,265 1,216	7,277,45 2,536,75 13,286,91 481,39
Yes No Valid skip Not stated					18,908 6,400 34,265 1,216	7,277,45 2,536,75 13,286,91 481,39
No Valid skip Not stated					18,908 6,400 34,265 1,216	7,277,45 2,536,75 13,286,91 481,39
No Valid skip Not stated					6,400 34,265 1,216	2,536,754 13,286,91 481,39
Valid skip Not stated					34,265 1,216	13,286,91 481,39
Not stated					1,216	481,39
				:		
BI5L1A					60,789	23,582,510
B15L1A						
	Position:	143	Length:	1		
		sons for your	trip to this locati	on?W	atching, feedin	g,
					Enro	131000
						WTI
						3,226,38
						6,709,54
						13,298,55
Not stated						348,02
					60,789	23,582,51
				H		
B15L1B	Position:	144	Length:	1		
eation?						
					FREQ	WTI
Yes					5,295	1,896,76
No						8,039,16
						13,298,55
Not stated					887	348,02
					60,789	23,582,51
	Yes No Valid skip Not stated B15L1B eation? Yes No Valid skip	Yes No Valid skip Not stated B15L1B Position: eation? Yes No Valid skip	Yes No Valid skip Not stated B15L1B Position: 144 eation? Yes No Valid skip	Yes No Valid skip Not stated B15L1B Position: 144 Length: eation? Yes No Valid skip	Yes No Valid skip Not stated B15L1B Position: 144 Length: 1 eation? Yes No Valid skip Not stated	Yes

May 30, 200	00	PUBLIC U	Page 26				
Variable:	B15L1C	Position:	145	Length:	1		
Hunting wild	llife?						
						FREO	WTD
1	Yes					1,116	368,163
2	No					24,491	9,567,769
6	Valid ski	n				34,295	13,298,558
9	Not state					887	348,020
						60,789	23,582,516
Variable:	B9L2	Position:	146	Length:	1		
Was this locati	on in a national o	r provincial park o	or other protecte	ed area?			
						FREQ	WTD
1	Yes					6,414	2,540,483
2	No/Don't	know				7,080	2,838,032
6	Valid ski					47,295	18,204,001
						60,789	23,582,516
Variable:	B11L2B	Position:	147	Length:	4		
		nce was this locati		s) (see question	B11L2	A on the questi	onnare)
Allowed Min:	0000	Allowed Max.	9995				
						FREQ	WTD
0000 : 5000						12,442	4,944,143
9996	Valid ski					47,295	18,204,001
9999	Not state	d				1,052	434,372
						60,789	23,582,516

May 30, 200	00	TOBLIC US	E WIICK	RO-DATA FI	LE	Page 27
Variable:	BL2PROV	Position:	151	Length:	2	
		7 001110111		2013111		
Province/territ	ory of destination					
					FREQ	WTI
10	Newfound	lland			443	87,71
11	Prince Ed	ward Island			332	51,24
12	Nova Sco	tia			911	188,586
13	New Brun	swick			765	156,766
24	Quebec				2,378	1,211,104
35	Ontario				3,496	1,671,89
46	Manitoba				870	191,940
47	Saskatche	wan			703	173,259
48	Alberta				1,357	583,705
59	British C	olumbia			1,903	988,693
60	Yukon				181	10,950
61	North We	st Territories			13	3,954
63	Outside C				12	4,700
96	Valid skip				47,295	18,204,00
99	Unknown				130	54,009
					60,789	23,582,516
Variable:	B12L2B	Position:	153	Length:	3	
	ow many same-da tion B12L2A on q		s did you ta	ke to this locatio	n for outdoor activities	?Same-day
Allowed Min:	000	Allowed Max:	995			
					FREQ	WTI
000 : 360					7,984	3,183,884
996	Valid skip				51,927	20,043,389
999	Not stated				878	355,243
					60,789	23,582,51

	0	PUBLIC U	SE MICK	O-DATA FI	LE		Page 2
Variable:	B12L2D	Position:	156	Length:	3		
		2 05.11071.	.50	Deng			
	s (see question B1						
Allowed Min:	000	Allowed Max:	995				
						FREQ	WT
000:360						7,110	2,774,62
996	Valid skip					52,801	20,452,64
999	Not stated					878	355,24
						60,789	23,582,51
						30,707	25,502,0
Variable:	B13L2	Position:	159	Length:	3		
How many days	s in total did you tal	ke part in outdoor	activities at	this location?			
mowea min.	000	Allowea Max:	303				
						FREQ	WT
001:360						12,763	5,085,12
996	Valid skip					47,295	18,204,00
999	Not stated					731	293,38
						60,789	23,582,51
Variable:	B14L2A	Position:	162	Length:	1		
In which of the	following outdoor	activities did you	participate o	on your trips to the	his locat	ion?Sightsee	eing in
						FREQ	WT
	Yes					8,773	3,553,32
	No					4,282	1,647,09
	Valid skip					47,295	18,204,00
,						439	178,10
	Not stated					10,	

B14L2B	Position:	163				
in natural areas		105	Length:	1		
					FREQ	WTD
Vac						1,671,81
						3,528,59
						18,204,00
Not stated					439	178,10
					60,789	23,582,516
B14L2C	Position:	164	Length:	1		
s, berries or firewo	ood					
					FREO	WTI
Yes						783,51
						4,416,90
						18,204,00
Not stated					439	178,10
					60,789	23,582,510
B14L2D	Position:	165	Length:		121	
					FREQ	WTI
Yes						2,659,82
					6,453	2,540,59
						18,204,00
Not stated					439	178,10
					60,789	23,582,51
	Yes No Valid skip Not stated	No Valid skip Not stated B14L2C Position: s, berries or firewood Yes No Valid skip Not stated Position: Yes No Valid skip Valid skip	No Valid skip Not stated B14L2C Position: 164 s, berries or firewood Yes No Valid skip Not stated B14L2D Position: 165 Yes No Valid skip	No Valid skip Not stated B14L2C Position: 164 Length: s, berries or firewood Yes No Valid skip Not stated B14L2D Position: 165 Length: Yes No Valid skip	No Valid skip Not stated B14L2C Position: 164 Length: 1 s, berries or firewood Yes No Valid skip Not stated B14L2D Position: 165 Length: 1 Yes No Valid skip	Yes 4,213 No 8,842 Valid skip 47,295 Not stated 439 60,789 60,789 FREQ 2,155 No 10,900 Valid skip 47,295 Not stated 439 60,789 66,0789

Page 30		LE	D-DATA FI	SE MICRO	PUBLIC U	00	May 30, 20
		1	Length:	166	Position:	B14L2E	Variable:
			Lengin.	100	Tostilon.	D14026	variable.
							Camping
WTI	FREQ						
1,670,28	4,523					Yes	1
3,530,12	8,532					No	2
18,204,00	47,295					Valid skip	6
178,10	439					Not stated	9
23,582,51	60,789	***					
		1	Length:	167	Position:	B14L2F	Variable:
						beach activity	Swimming/b
WTI	FREQ						
1,995,34	5,198					Yes	1
3,205,06	7,857					No	2
18,204,00	47,295					Valid skip	6
178,10	439					Not stated	9
176,10	437					Not stated	
23,582,51	60,789						
		1	Length:	168	Position:	B14L2G	Variable:
						yaking/sailing	Canoeing/ka
WTI	EDEO						
717,90	FREQ 1,754					Yes	1
4,482,50	1,734					No	2
18,204,00	47,295					Valid skip	6
178,10	47,293					Not stated	9
		-					
23,582,51	60,789						

May 30, 20	00	PUBLIC U	Page 31				
Variable:	B14L2H	Position:	169	Length:	1		
Power boating	ng						
						FREQ	WTI
1	Yes					1,605	622,64
2	No					11,450	4,577,76
6	Valid skip					47,295	18,204,00
9	Not stated					439	178,10
						60,789	
						00,789	23,582,510
Variable:	B14L2I	Position:	170	Length:	1		
Hiking/back	packing						
						FREQ	WTI
1	Yes					4,515	1,870,65
2	No					8,540	3,329,75
6	Valid skip					47,295	18,204,00
9	Not stated					47,293	178,10
	140t Stated					=======	========
						60,789	23,582,510
Variable:	B14L2J	Position:	171	Length:	1		
Climbing							
						FREQ	WTI
1	Yes					877	343,500
2	No					12,178	4,856,903
6	Valid skip					47,295	18,204,00
9	Not stated					439	178,10
						60,789	23,582,51

Page 3		LE	O-DATA FI	PUBLIC U	May 30, 2000		
		1	Length:	172	Position:	B14L2K	Variable:
						iding	Horseback r
WTI	FREQ						
119,87	323					Yes	1
5,080,54	12,732					No	2
18,204,00	47,295					Valid skip	6
178,10	439					Not stated	9
23,582,51	60,789						
± J 9 J (J ± 9 √ 1	00,707						
		1	Length:	173	Position:	B14L2L	Variable:
							Cycling
							cy cinig
WTI	FREQ						
651,66	1,551					Yes	1
4,548,74	11,504					No	2
18,204,00	47,295					Valid skip	6
178,10	439					Not stated	9
23,582,51	60,789						
		1	Length:	174	Position:	B14L2M	Variable:
			Lengin.	174	2 03111011.		
						nicle use	Off-road vel
WTI	FREQ						
242,23	645					Yes	1
4,958,17	12,410					No	2
18,204,00	47,295					Valid skip	6
178,10	439					Not stated	9
23,582,51	60,789						

May 30, 20	00	PUBLIC U	Page 33				
Variable:	B14L2N	Position:	175	Length:	1		
Downhill sk	iing						
						FREQ	WTD
1	Yes					803	380,848
2	No					12,252	4,819,56
6	Valid skip					47,295	18,204,00
9	Not stated					439	178,10
						60,789	23,582,510
			Mary				
Variable:	B14L2O	Position:	176	Length:	ı		
X-country s	kiing/snowshoeing						
						FREQ	WTI
1	Yes					615	255,38
2	No					12,440	4,945,02
6	Valid skip					47,295	18,204,00
9	Not stated					439	178,10
						60,789	23,582,510
17 . 13	D1413D	Destate	122				
Variable:	B14L2P	Position:	177	Length:	1		
Snowmobili	ng						
1	Yes					FREQ 521	WTI
2							162,32
2	No Validakin					12,534	5,038,088
6	Valid skip					47,295	18,204,00
9	Not stated					439	178,10
						60,789	23,582,510

May 30, 20	100	PUBLIC U		Page 3			
Variable:	B14L2Q	Position:	178	Length:	1		
Relaying in	an outdoor setting						
Relaxing in	an outdoor setting						
						FREQ	WT
1	Yes					8,826	3,518,02
2	No					4,229	1,682,38
6	Valid skip					47,295	18,204,00
9	Not stated					439	178,10
						60,789	23,582,5
		Position:	179	Length:	1		
Were any of the	B15L2A the following activities or studying wildlife	s secondary rea	sons for your	trips to this local	tion?	Watching, feed	ling,
Variable: Were any of ti photographing 1 2 6	he following activitie	s secondary rea	sons for your	trips to this loca	tion?¹	FREQ 4,133 9,361 47,295	WT 1,691,16 3,687,35
Were any of the photographing 1	he following activitie g or studying wildlife Yes No	s secondary rea	sons for your	trips to this locat	tion?	FREQ 4,133 9,361	WT 1,691,16 3,687,35 18,204,00 23,582,51
Were any of the photographing 1 2 6	he following activitie g or studying wildlife Yes No Valid skip	es secondary rea			tion ?	FREQ 4,133 9,361 47,295	WT 1,691,16 3,687,35 18,204,00
Were any of the hotographing	he following activitie g or studying wildlife Yes No	s secondary rea	sons for your	trips to this local	tion ?\	FREQ 4,133 9,361 47,295	WT 1,691,16 3,687,35 18,204,00
Were any of the body of the bo	he following activitie g or studying wildlife Yes No Valid skip	es secondary rea			tion ?\	FREQ 4,133 9,361 47,295	WT 1,691,16 3,687,33 18,204,00
Were any of the body of the bo	he following activitie g or studying wildlife Yes No Valid skip	es secondary rea			tion ?\	FREQ 4,133 9,361 47,295 ————————————————————————————————————	WT 1,691,16 3,687,35 18,204,00 23,582,5
Were any of the photographing 1	he following activitie g or studying wildlife Yes No Valid skip	es secondary rea			tion ?\	FREQ 4,133 9,361 47,295 60,789	WT 1,691,16 3,687,35 18,204,00 23,582,51
Were any of the photographing 1 2 6 6 Wariable:	he following activitie g or studying wildlife Yes No Valid skip B15L2B recreation?	es secondary rea			tion ?\	FREQ 4,133 9,361 47,295 60,789	WT 1,691,10 3,687,33 18,204,00 23,582,5
Were any of the photographing 1 2 6 6 Variable:	he following activities or studying wildlife Yes No Valid skip B15L2B recreation?	es secondary rea			tion ?\	FREQ 4,133 9,361 47,295 60,789	WT 1,691,10 3,687,33 18,204,00 23,582,5

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 35
Variable:	B15L2C	Position:	181	Length:	1		
		Tosinon.	101	Lengin.			
Hunting wile	dlife?						
						FREQ	WTI
1	Yes					205	70,79
2	No					13,289	5,307,72
6	Valid skip					47,295	18,204,00
						60,789	23,582,51
Variable:	B9L3	Position:	182	Length:	1		
Was this locat	ion in a national or	provincial park o	or other protec	ted area?			
						FREQ	WTI
1	Yes					3,346	1,370,44
2	No/Don't k	now				3,604	1,463,31
6	Valid skip	illow				53,839	20,748,76
						60,789	23,582,51
						00,707	23,702,71
Variable:	B11L3B	Position:	183	Length:	4		
About how fai Allowed Min:	r from your residence 0000	ce was this location		es) (see question	B11L3/	A on the questi	onnaire)
						FREQ	WTI
0000:9995						6,345	2,571,18
9996	Valid skip					53,839	20,748,76
9999	Not stated					605	262,57
						60,789	23,582,51
							23,582,516

May 30, 200	00	PUBLIC	USE MICR	O-DATA FI	LE		Page 36
Variable:	BL3PROV	Position:	187	Length:	2		
Province/territ	ory of destination.						
						FREQ	WTI
10	Newfound	land				234	51,28
11	Prince Edv	ward Island				193	34,21
12	Nova Scot	ia				479	103,55
13	New Brun	swick				369	75,86
24	Quebec					1.186	627,29
35	Ontario					1,745	835,02
46	Manitoba					408	91,11
47	Saskatche	wan				322	80,83
48	Alberta	YY 468 X				696	296,02
59	British Co	lumbia				1.122	592,62
60	Yukon	Piditioia .				102	5,57
61		st Territories				102	2,70
63	Outside C					4	2,820
96	Valid skip					53,839	20,748,76
99	Unknown					80	34,81
					Ξ	60,789	23,582,510
Variable:	B12L3B	Position:	189	Length:	3		
	ow many same-day tion B12L3A on qu 000			ke to this locatio	n for outo	door activities	?Same-day
						FREQ	WTI
000 : 345						4,173	1,725,89
996	Valid skip					56,070	21,628,64
999	Not stated					546	227,982
					-		

May 30, 200	00	PUBLIC U	Page 37				
Variable:	B12L3D	Position:	192	Length:	3		
Overnight tri	ps (see question B1	2L3B on question	nnaire)				
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTD
000:300						3,352	1,325,792
996	Valid skip					56,891	22,028,74
999	Not stated					546	227,98
						60,789	23,582,510
Variable:	B13L3	Position:	195	Length:	3		
Allowed Min: 001 : 345 996 999	000 Valid skip Not stated	Allowed Max:	365			FREQ 6,506 53,839 444 —————————————————————————————————	WTI 2,649,092 20,748,76 184,663 23,582,510
Variable:	B14L3A	Position:	198	Length:	l his locat	ion Sightsee	ing in natural
areas	Tonowing outdoor	activities and you	participate	on your gips to t	ins iocac	ionorginsee	ing in natural
						FREQ	WTI
1	Yes					4,553	1,856,122
2	No					2,095	854,240
6	Valid skip					53,839	20,748,76
9	Not stated					302	123,388

Page 38		ILE	D-DATA F	JSE MICR	PUBLIC U	May 30, 2000				
		1	Length:	199	Position:	B14L3B	Variable:			
						ng natural areas	Photographi			
WTI	FREQ									
909,95	2,277					Yes	1			
1,800,41	4,371					No	2			
20,748,76	53,839					Valid skip	6			
123,38	302					Not stated	9			
23,582,510	60,789									
		1	Length:	200	Position:	B14L3C	Variable:			
					ood	its, berries or firewo	Gathering nu			
WTI	FREQ									
392,759	1,046					Yes	1			
2,317,608	5,602					No	2			
20,748,76	53,839					Valid skip	6			
123,388	302					Not stated	9			
23,582,510	60,789									
		1	Length:	201	Position:	B14L3D	Variable:			
		1	Lengin.	201	r osmon,	BI4LJD				
							Picnicking			
WTI	FREQ					Yes	1			
1,328,410 1,381,957	3,295 3,353					No	1 2			
20,748,761	53,839					Valid skip	6			
123,388	302					Not stated	9			
123,388	302					Not stated	7			
	60,789									

00	PUBLIC U	Page 39				
B14L3E	Position:	202	Length:	1		
					FREQ	WTI
Yes					2,084	776,54
No						1,933,82
Valid skip						20,748,76
Not stated					302	123,38
					60,789	23,582,510
B14L3F	Position:	203	Length:	1		
each activities						
					FREO	WTI
Yes						957,799
						1,752,56
						20,748,76
						123,38
1101 000100						========
					60,789	23,582,510
B14L3G	Position:	204	Length:	1	MIDOLD I	
valsia a/aailin a						
yaking/sailing						
					FREQ	WTI
Yes					761	313,500
No					5,887	2,396,868
Valid skip					53,839	20,748,76
Not stated					302	123,38
	7				60,789	23,582,510
	Paragraph of the state of the s	Yes No Valid skip Not stated B14L3F Position: Peach activities Yes No Valid skip Not stated B14L3G Position: yaking/sailing Yes No Valid skip	Yes No Valid skip Not stated B14L3F Position: 203 Peach activities Yes No Valid skip Not stated B14L3G Position: 204 yaking/sailing Yes No Valid skip Not valid skip	B14L3E Position: 202 Length: Yes No Valid skip Not stated B14L3F Position: 203 Length: Peach activities Yes No Valid skip Not stated B14L3G Position: 204 Length: yaking/sailing Yes No Valid skip	Position: 202 Length: 1 Yes No Valid skip Not stated B14L3F Position: 203 Length: 1 Peach activities Yes No Valid skip Not stated B14L3G Position: 204 Length: 1 yaking/sailing Yes No Valid skip	Page

May 30, 20	000	PUBLIC U	USE MICE	RO-DATA FI	LE		Page 40
Variable:	B14L3H	Position:	205	Length:	1		
Power boati	ing						
						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/back	packing						
						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	Di4i	207	143.			
variable;	DI4LSJ	Position:	207	Length:	1		
Climbing							
- 135						FREQ	WTD
1							165,830
							2,544,537
							20,748,761
y	Not stated					302	123,388
						60,789	23,582,516
1 2 6 9	Yes No Valid skip Not stated					422 6,226 53,839 302	2,544 20,748 123

B14L3K						
	Position:	208	Length:	1		
			0			
ng						
					FREO	WTD
Yes					179	63,587
No					6,469	2,646,780
Valid skip						20,748,761
Not stated					302	123,388
					60,789	23,582,516
B14L3L	Position:	209	Length:	1		
					FREO	WTD
Vac						363,786
						2,346,582
						20,748,761
Not stated						123,388
Not stated					302	123,380
					60,789	23,582,516
B14L3M	Position:	210	Length:	1		Trans.
le use						
					EDEO	11/00/
27						WTD
						111,000
						2,599,361
						20,748,761
Not stated					302	123,388
					60,789	23,582,516
	No Valid skip Not stated B14L3L Yes No Valid skip Not stated	No Valid skip Not stated B14L3L Position: Yes No Valid skip Not stated B14L3M Position: cle use Yes No Valid skip	No Valid skip Not stated B14L3L Position: 209 Yes No Valid skip Not stated B14L3M Position: 210 Ele use Yes No Valid skip	No Valid skip Not stated B14L3L Position: 209 Length: Yes No Valid skip Not stated B14L3M Position: 210 Length: cle use Yes No Valid skip	No Valid skip Not stated B14L3L Position: 209 Length: 1 Yes No Valid skip Not stated B14L3M Position: 210 Length: 1 tle use Yes No Valid skip	No

May 30, 20	000	PUBLIC U	USE MICR	O-DATA FI	LE		Page 42
Variable:	B14L3N	Position:	211	Length:	1		
Downhill sk	kiing						
						FREQ	WT
1	Yes					412	189,48
2	No					6,236	2,520,88
6	Valid skip					53,839	20,748,76
9	Not stated					302	123,38
						60,789	23,582,51
Variable:	B14L3O	Position:	212	Length:	1		
X-country s	kiing/snowshoeing						
						FREQ	WTI
1	Yes					284	121,74
2	No					6,364	2,588,62
6	Valid skip					53,839	20,748,76
9	Not stated					302	123,38
						60,789	23,582,51
Variable:	B14L3P	Position:	213	Length:	1		
		rosmon.	213	Lengin.	- 1		
Snowmobili	ing						
						FREQ	WTI
1	Yes					236	71,85
2	No					6,412	2,638,50
6	Valid skip					53,839	20,748,76
9	Not stated					302	123,38
						60,789	23,582,51

May 30, 20	00	PUBLIC	PUBLIC USE MICRO-DATA FILE					
Variable:	B14L3Q	Position:	214	Length:	1			
Relaxing in	an outdoor setting							
						FREQ	WT	
1	Yes					4,477	1,805,02	
2	No					2,171	905,34	
5	Valid skip					53,839	20,748,76	
9	Not stated					302	123,38	
						60,789	23,582,51	
						00,707	23,302,31	
Variable:	B15L3A	Position:	215	Length:	1			
137 6 41	ha Callandian andinial					atching, teedin		
	he following activiti g or studying wildlif		sons for your	trip to this location	J41 VV			
	g or studying wildlif		sons for your	trip to this location	<i>J</i> 227 VV	FREQ	WT	
	g or studying wildlif Yes		sons for your	orp to this location	<i>311.</i> vv	FREQ 2,150	WTI 878,62	
photographing	g or studying wildlif Yes No	îe?	sons for your	trip to this location	J	FREQ 2,150 4,800	WTI 878,62 1,955,12	
	g or studying wildlif Yes	îe?	solis for your	dip to this location	511 vv	FREQ 2,150	WTI 878,62	
photographing	g or studying wildlif Yes No	îe?	solis for your	dip to this focation	, v	FREQ 2,150 4,800 53,839	WTI 878,62 1,955,12 20,748,76	
photographing	g or studying wildlif Yes No	îe?	216	Length:	1	FREQ 2,150 4,800 53,839	WTI 878,62 1,955,12 20,748,76	
photographing 2 6 Variable:	yes No Valid skip	fe?			1	FREQ 2,150 4,800 53,839	WTI 878,62 1,955,12 20,748,76	
photographing 2 6 Variable:	yes No Valid skip	fe?			1	FREQ 2,150 4,800 53,839	WTI 878,62 1,955,12 20,748,76	
photographing Wariable:Fishing for the	yes No Valid skip	fe?			1	FREQ 2,150 4,800 53,839 ==== 60,789	WTI 878,62 1,955,12 20,748,76 23,582,51	
Variable:	Yes No Valid skip B15L3B	fe?			1	FREQ 2,150 4,800 53,839 ==== 60,789	WTI 878,62 1,955,12 20,748,76 23,582,51	
Variable:	Yes No Valid skip B15L3B recreation?	Position:			1	FREQ 2,150 4,800 53,839 ==== 60,789 FREQ 900 6,050 53,839	WTI 878,62 1,955,12 20,748,76 23,582,51 WTI 322,18	
photographing 1 2 6	Yes No Valid skip B15L3B recreation? Yes No	Position:			1	FREQ 2,150 4,800 53,839 60,789 FREQ 900 6,050 53,839	WTI 878,62 1,955,12 20,748,76 23,582,51 322,18 2,511,57 20,748,76	
Variable:Fishing for the state of the st	Yes No Valid skip B15L3B recreation? Yes No	Position:			1	FREQ 2,150 4,800 53,839 ==== 60,789 FREQ 900 6,050 53,839	WTI 878,62 1,955,12 20,748,76 23,582,51 322,18 2,511,57	

May 30, 200	00	PUBLIC I	Page 44				
Variable:	B15L3C	Position:	217	Length:	1		
Hunting wild	11:6- 2						
riunting who	ille ?						
						FREQ	WTI
	Yes					103	35,99
2	No					6,847	2,797,76
5	Valid skip					53,839	20,748,76
						60,789	23,582,51
					41		W. 31
Variable:	B9L4	Position:	218	Length:	1		
Was this locati	on in a national or	provincial park of	or other protec	ted area?			
						FREQ	WTI
	Yes					1,618	675,47
2	No/Don't l	cnow				1,813	727,33
5	Valid skip					57,358	22,179,70
						60,789	23,582,51
Variable:	D111 4D	D:::	210	1			
variable:	B11L4B	Position:	219	Length:	4		
About how far Allowed Min:	from your residene 0000	ce was this locati		rs) (see question	B11L4A	on questionna	aire)
						FREQ	WTI
0000 : 5000						3,111	1,275,72
9996	Valid skip					57,358	22,179,70
9999	Not stated					320	127,08
						60,789	23,582,51

May 30, 20	LE	Page 45				
Variable:	BL4PROV	Position:	223	Length:	2	
Province/territ	tory of destination.					
					FREQ	WTI
10	Newfound				109	23,05
11		ward Island			83	10,54
12	Nova Scot				246	55,55
13	New Brun	swick			195	41,50
24	Quebec				579	305,22
35	Ontario				859	406,279
46	Manitoba				183	39,54
47	Saskatche	wan			132	34,27
48	Alberta				301	128,29
59	British Co	olumbia			636	335,52
60	Yukon				50	3,20
61		st Territories			5	1,72
63	Outside C				0	
96	Valid skip				57,358	22,179,70
99	Unknown				53	18,08
					60,789	23,582,51
Variable:	B12L4B	Position:	225	Length:	3	
	now many same-day		ips did you ta	ke to this location	on for outdoor activities	?Same-day
Allowed Min:		Allowed Max	995			
					FREQ	WTI
000:368					2,149	885,62
996	Valid skip				58,362	22,586,98
999	Not stated				278	109,90

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 46
Variable:	B12L4D	Position:	228	Length:	3		
rariable.	DIZLAD	Tosinon.	220	Lengin.	3		
Overnight tr	rips (see question B1)	2L4B on the que	estionnaire)				
Allowed Min:	000	Allowed Max.	995				
						FREQ	WTI
000:030						1,493	593,77
996	Valid skip					59,018	22,878,83
999	Not stated					278	109,90
						60,789	23,582,51
Variable:	B13L4	Position:	231	Length:	3		
How many day Allowed Min:	ys in total did you tal 000	ke part in outdoo Allowed Max:		this location?			
						FREQ	WTI
001 : 365						3,205	1,314,17
996	Valid skip					57,358	22,179,70
999	Not stated					226	88,64
	1 vot butted					======	=======================================
						60,789	23,582,51
Variable:	B14L4A	Position:	234	Length:	1		
In which of the areas	e following outdoor	activities did yo	u participate o	on your trips to t	his locat	ionSightsee	ing in natural
						FREQ	WTI
1	Yes					2,342	960,56
2	No					940	378,882
6	Valid skip					57,358	22,179,700
9	Not stated					149	63,37
						60,789	23,582,510

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA FILE		Page 47
Variable:	B14L4B	Position:	235	Length:		
Photographi	ing natural areas					
					FREQ	WTI
1	Yes				1,190	475,75
2	No				2,092	863,69
6	Valid skip				57,358	22,179,70
9	Not stated				149	63,372
					60,789	23,582,516
Variable:	B14L4C	Position:	236	Length: 1		
Gathering n	uts, berries or firewo	hod				
Gathering ii	uts, betties of filewe	lou .				
					FREQ	WTI
1	Yes				498	182,47
2	No				2,784	1,156,97
6	Valid skip				57,358	22,179,70
9	Not stated				149	63,37
					60,789	23,582,510
Variable:	B14L4D	Position:	237	Length: 1		
Picnicking						
	3.0				FREQ	WTI
1	Yes				1,608	642,780
2	No				1,674	696,664
6	Valid skip				57,358	22,179,700
9	Not stated				149	63,37
					60,789	23,582,510

May 30, 2000		PUBLIC U		Page 48			
Variable:	B14L4E	Position:	238	Length:	1		
Camping							
						FREQ	WTE
1	Yes					955	368,36
2	No					2,327	368,367 971,077
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/l	peach 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/ka	yaking/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

May 30, 200	00	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 49
Variable:	B14L4H	Position:	241	Length:	1		
Power boatin	ng						
						FREQ	WTI
1	Yes					304	114,45
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/back	packing						
						FREQ	WTE
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	23,582,510
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

May 30, 20	00	PUBLIC U	JSE MICE	RO-DATA FI	LE		Page 50
Variable:	B14L4K	Position:	244	Length:	1		
Horseback r	iding						
						FREQ	WT
1	Yes					60	WTI 22,61
2	No					3,222	22,617 1,316,828
5	Valid skip					57,358	22,179,70
9	Not stated					149	63,37
						60,789	23,582,51
						00,702	and you do an your a
Variable:	B14L4L	Position:	245	Length:	1	10	
Cycling							
						FREQ	WT
1	Yes					399	176,20
2	No					2,883	1,163,23
6	Valid skip					57,358	22,179,70
9	Not stated					149	63,37
						60,789	23,582,51
Variable:	B14L4M	Position:	246	Length:	1		
Off-road veh	nicle use						
						Ento	
	3.7					FREQ	WTI
-	Yes					141	57,30
2	No					3,141	1,282,14
5	Valid skip					57,358	22,179,70
)	Not stated					149	63,37
						60,789	23,582,51

May 30, 20	ay 30, 2000		PUBLIC USE MICRO-DATA FILE					
Variable:	B14L4N	Position:	247	Length:	1			
Downhill sk	iing							
						FREQ	WTD	
1	Yes					207	100,188	
2	No					3,075	1,239,25	
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 sl	kiing/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			
Snowmobili	ng							
						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	23,582,510	

May 30, 20	00	PUBLIC U	USE MICR	RO-DATA FI	ILE		Page 52
Variable:	B14L4Q	Position:	250	Length:	1		
		1 osmon.	250	Lengin.	1		
Relaxing in	an outdoor setting						
						FREQ	WTI
1	Yes					2,241	913,49 425 94
2	No					1,041	425,948
6	Valid skip					57,358	22,179,700
9	Not stated					149	63,372
						60,789	23,582,510
	B15L4A ne following activitie g or studying wildlife		251 sons for your	Length:	l ion?W		
Were any of th	ne following activitie	es secondary rea			l ion?W	FREQ 1,162 2,269 57,358	WTE 476,06 926,74
Were any of the photographing 1	ne following activitie g or studying wildlife Yes No	es secondary rea			1 ion?W	FREQ 1,162 2,269	WTI 476,06 926,74 22,179,700
Were any of the photographing 1	ne following activitie g or studying wildlife Yes No	es secondary rea			1 ion?W	FREQ 1,162 2,269 57,358	WTE 476,06 926,749 22,179,700 23,582,510
Were any of the photographing 1 2 6 6 Variable:	ne following activities, or studying wildlife Yes No Valid skip	es secondary rea	sons for your	trip to this locati	1 ion?W	FREQ 1,162 2,269 57,358	WTE 476,06 926,749 22,179,700
Were any of the photographing 1 2 6 6 Variable:	ne following activities, or studying wildlife Yes No Valid skip	es secondary rea	sons for your	trip to this locati	1 ion?W	FREQ 1,162 2,269 57,358 60,789	WTI 476,06 926,74 22,179,700 23,582,510
Were any of the photographing 1 2 6 Variable:	yes No Valid skip B15L4B	es secondary rea	sons for your	trip to this locati	1 ion?W	FREQ 1,162 2,269 57,358 60,789	WTI 476,06 926,74 22,179,700 23,582,510
Were any of the photographing 1 2 6 6 Variable:	yes No Valid skip B15L4B recreation?	es secondary rea	sons for your	trip to this locati	1 ion?W	FREQ 1,162 2,269 57,358 60,789	WTE 476,06 926,749 22,179,700 23,582,510 WTE 151,488
Were any of the photographing 1 2 6 Variable:Fishing for r	ne following activities or studying wildlife Yes No Valid skip B15L4B recreation?	es secondary rea	sons for your	trip to this locati	1 ion?W	FREQ 1,162 2,269 57,358 60,789 FREQ 412 3,019	WTI 476,06 926,74 22,179,700 23,582,510 WTI 151,488 1,251,328
Were any of the photographing 1 2 6 6 Variable:	yes No Valid skip B15L4B recreation?	es secondary rea	sons for your	trip to this locati	1 ion?W	FREQ 1,162 2,269 57,358 60,789	WTI 476,06 926,74 22,179,700

May 30, 200	00	TOBLIC	JUNE WILLIAM	O-DATA FI	M.J.M.J		Page 53	
Variable:	B15L4C	Position:	253	Length:	I			
Hunting wild	dlife?							
						FREQ	WTI	
1	Yes					110	36,508	
2	No					3,321	1,366,308	
5	Valid skip	p				57,358	22,179,700	
						60,789	23,582,510	
Variable:	C1	Position:	254	Length:	1			
	ou take any same-o study wildlife?	day or overnight tr	rips within Ca	nada for which the	he main	reason was to	watch, feed,	
		day or overnight tr	rips within Ca	nada for which th	he main	FREQ 3,884	WTI 1,470,72	
photograph or	study wildlife? Yes	day or overnight tr	rips within Ca	nada for which th	he main	FREQ	WTD	
photograph or	study wildlife? Yes	day or overnight to Position:	rips within Ca	nada for which the state of the	he main	FREQ 3,884 56,905	WTE 1,470,72: 22,111,79	
photograph or	Yes No	Position:	255	Length:	1	FREQ 3,884 56,905	WTE 1,470,72: 22,111,79	
photograph or	Yes No	Position:	255	Length:	1	FREQ 3,884 56,905	WTE 1,470,72: 22,111,79	
photograph or	Yes No	Position:	255	Length:	1	FREQ 3,884 56,905 60,789	WTE 1,470,729 22,111,79 23,582,516	
Variable:	Yes No C2A rips, in which activ	Position:	255	Length:	1	FREQ 3,884 56,905 60,789	WTE 1,470,725 22,111,79 23,582,516	
Variable:	Yes No C2A rips, in which active Yes No	Position: vities did you part	255	Length:	1	FREQ 3,884 56,905 60,789 FREQ 3,256 214	WTE 1,470,722 22,111,791 23,582,516 WTE 1,222,222 81,127	
photograph or	Yes No C2A rips, in which activ	Position: vities did you part	255	Length:	1	FREQ 3,884 56,905 60,789 FREQ 3,256	WTE 1,470,722 22,111,791 23,582,516	

Variable: C2B Position: 256 Length: 1 Feeding wildlife? 1 Yes 970 2 No 2,500 6 Valid skip 56,905 9 Not stated 414 =	WTI 366,04 937,31 22,111,79 167,37 23,582,51
FREQ 1 Yes 970 2 No 2,500 6 Valid skip 56,905 Not stated 414 ===================================	366,04 937,31 22,111,79 167,37
FREQ 1 Yes 970 2 No 2,500 5 Valid skip 56,905 Not stated 414 ===================================	366,04 937,31 22,111,79 167,37
1 Yes 970 2 No 2,500 6 Valid skip 56,905 Not stated 414 ===== 60,789	366,04 937,31 22,111,79 167,37
2 No 2,500 6 Valid skip 56,905 9 Not stated ====== 60,789	937,31 22,111,79 167,37
Valid skip Not stated 56,905 414 ==== 60,789	22,111,79 167,37
9 Not stated 414 ===== 60,789	167,37
60,789	23,582,51
Variable: C2C Position: 257 Length: 1	
Variable: C2C Position: 257 Length: 1	
Photographing wildlife?	
FREQ	WTI
1 Yes 1,763	674,02
2 No 1,707	629,32:
6 Valid skip 56,905	22,111,79
Not stated 414	167,37:
60,789	23,582,510
Variable: C2D Position: 258 Length: 1	
Studying and identifying wildlife?	
FREQ	WTI
1,600	617,732
2 No 1,870 5 Valid skip 56,905	685,618
5 Valid skip 56,905 Not stated 414	22,111,791 167,375
60,789	23,582,516

May 30, 200		PUBLIC U	30311120111				Page 55
Variable:	СЗА	Position:	259	Length:	1		
Which of the	following types of v	vildlife did you	watch, feed, ph	otograph or stu	dy on th		aterfowl
						FREQ	WTI
	Yes					2,247	848,84
2	No					1,218	446,82
6	Valid skip Not					56,905 419	22,111,79 175,05
	1400					717	175,05
						60,789	23,582,510
Variable:	СЗВ	Position:	260	Length:	1		
Other birds							
						FREQ	WTI
1	Yes					2,376	901,02
2	No					1,089	394,65
5	Valid skip					56,905	22,111,79
9	Not stated					419	175,05
						60,789	23,582,510
V	626	D	2/1	Y 41.	1		
Variable:	C3C	Position:	261	Length:			
Small mamn	nals						
						FREQ	WTI
1	Yes					1,921	717,43
2	No					1,544	578,24
5	Valid skip					56,905	22,111,79
)	Not stated					419	175,05
						60,789	23,582,51

Variable: C3D Position: 262 Length: 1	Page 56		LE	-DATA FI	SE MICRO	PUBLIC U	00	May 30, 200
Large mammals Yes								
FREQ 1,820 1,645			1	Length:	262	Position:	C3D	Variable:
FREQ 1,820 1,645							als	Large mamm
Yes								
2	WTI						V	1
Valid skip 56,905 419 60,789	636,46							
Not stated 419	659,211 22,111,79							
Variable: C3E Position: 263 Length: 1 Other wildlife 1 Yes 1,213 2,252 6 Valid skip 56,905 9 Not stated 56,789 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	175,05							_
Other wildlife 1 Yes 1,213 2 No 2,252 6 Valid skip 56,905 9 Not stated 419 60,789 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	23,582,51							
Other wildlife 1 Yes 1,213 2 No 2,252 6 Valid skip 56,905 9 Not stated 419 60,789 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								
FREQ 1,213 2, No 2,252 6 Valid skip 9 Not stated 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			ì	Length:	263	Position:	СЗЕ	Variable:
FREQ 1,213 2, No 2,252 6 Valid skip 9 Not stated 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								
1 Yes 2 No 2 Quid skip 56,905 Not stated 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							e	Other wildlife
2 No 2,252 6 Valid skip 56,905 9 Not stated 419 60,789 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	WTI							
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	468,289							-
Not stated 419 60,789 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	827,385							
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	22,111,79 175,05							
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	*		=				Not Stated	
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	23,582,510	60,789						
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			3	Length:	264	Position:	C4B	Variable:
Allowed Min: 000 Allowed Max: 995 FREQ				8				
FREQ		questionnaire)	A on the	ee question C4				
000 : 460	WTI							
	1,180,078						47 9 9 1	
996 valid skip 57,172 999 Not stated 480	22,212,888 189,55							
60,789	23,582,510							
		24,70						

May 30, 200	0	PUBLIC US	SE MICR	O-DATA FI	LE	Page 57
Variable:	C4D	Position:	267	Length:	3	
	os (see question C4					
Allowed Min:	000	Allowed Max:	365			
000 : 365					FREQ 1,970	WTE 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	
	s during 1996 did y itory (see question 000			study wildlife v	while on these trips?	?In your
					FREO	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
					60,789	23,582,516

May 30, 2000 PUBLIC USE MICRO-DATA FILE Page 58 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: 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 308,843 771 60,789 23,582,516

May 30, 2000	y 30, 2000 P		PUBLIC USE MICRO-DATA FILE					
Variable:	C6D	Position:	282	Length:	6			
Accommodatio	on (see question C							
Allowed Min:	000000	Allowed Max:	999995					
000000 : 001704 999996 999999	Valid skip Not stated					FREQ 3,113 56,905 771	WTI 1,161,88 22,111,79 308,84	
						60,789	23,582,516	
Variable:	C6F	Position:	288	Length:	6			
Food (see ques Allowed Min:	tion C6C on the q 000000	uestionnnaire) Allowed Max:	999995					
000000 : 001225						FREQ 3,113	WTD 1,161,882	
999996	Valid skip					56,905	22,111,791	
999999	Not stated					771	308,843	
						60,789	23,582,516	
Variable:	С6Н	Position:	294	Length:	6			
Equipment prin	marily used for the	ese activities.(see	question C6D	on the questic	onnnaire)			
Allowed Min:	000000	Allowed Max:	999995					
000000 : 002500						FREQ 3,113	WTD 1,161,882	
999996 999999	Valid skip Not stated					56,905 771	22,111,791 308,843	
						60,789	23,582,516	

Page 60		LE)	May 30, 2000			
		6	Length:	300	Position:	C6J	Variable:
				re) 999995	n the questionnna. Allowed Max:	ee question C6E o	Other items. (s Allowed Min:
WTD 1,161,882 22,111,791 308,843	FREQ 3,113 56,905 771					Valid skip Not stated	000000 : 003000 999996 9999 9 9
23,582,510	60,789						
							Variable:
		1	Length:	306	Position:	C7	ruruote.
		1	Length:			C7 nave taken these tri	
WTE 919,717 423,125 22,111,791 127,883	FREQ 2,465 1,083 56,905 336	1	Length:				

May 30, 200	00	PUBLIC USE MICRO-DATA FILE					Page 6		
Variable:	C8	Panitions	207	Louath	2				
variable:	C8	Position:	307	Length:	3				
How much mo	ore would you have	spent before dec	iding not to ta	ke these trips in	1996?				
					F	FREQ	WT		
010	\$10.00					559	207,91		
035	\$35.00					646	224,13		
075	\$75.00					517	193,66		
50	\$150.00					328	128,54		
250	\$250.00					134	51,91		
350	\$350.00					70	26,44		
500	\$500.00					35	13,73		
500	\$600.00					119	51,36		
996	Valid skip				5	7,988	22,534,9		
999	Not stated					393	149,89		
					6	0,789	23,582,51		
'ariable:	C11L1	Position:	310	Length:	1				
Variable: Was this locat	C11L1				1				
	ion in a national or				ŀ	FREQ			
	ion in a national or Yes	provincial park of			F	1,700			
Was this locat	ion in a national or Yes No/Don't k	provincial park o			F	1,700 1,592	684,7 542,53		
Was this locat	ion in a national or Yes No/Don't l Valid skip	provincial park o			F	1,700	684,7 542,53		
Was this locat	ion in a national or Yes No/Don't k	provincial park o			F	1,700 1,592	684,71 542,53 22,111,79		
Was this locat	ion in a national or Yes No/Don't l Valid skip	provincial park o			5 ——	1,700 1,592 6,905	684,71 542,53 22,111,79 243,47		
Was this locat	ion in a national or Yes No/Don't k Valid skip Not stated	provincial park o	or other protec	eted area?	5	1,700 1,592 6,905 592	684,71 542,53 22,111,79 243,47		
Was this locat	ion in a national or Yes No/Don't l Valid skip	provincial park o			5 ——	1,700 1,592 6,905 592	WT 684,71 542,53 22,111,79 243,47 23,582,51		
Was this locat	ion in a national or Yes No/Don't k Valid skip Not stated	provincial park of characteristics of the cha	311	cted area? Length:	5 6	1,700 1,592 6,905 592 0,789	684,71 542,53 22,111,79 243,47 23,582,51		
Was this located as the located as t	Yes No/Don't k Valid skip Not stated	provincial park of characteristics of the cha	311	cted area? Length:	5 — 6 6 C13L1A on t	1,700 1,592 6,905 592 0,789	684,71 542,53 22,111,79 243,47 23,582,51		
Variable: About how far Allowed Min:	Yes No/Don't k Valid skip Not stated C13L1B from your residence 0000	Position: ce was this locati Allowed Max	311	cted area? Length:	5 — 6 4 C13L1A on t	1,700 1,592 6,905 592 	684,7 542,5; 22,111,7 243,4 23,582,5		
Vas this locativation of the variable: About how far illowed Min:	Yes No/Don't k Valid skip Not stated C13L1B from your residence 0000	Position: ce was this locati Allowed Max	311	cted area? Length:	5 6 4 C13L1A on t	1,700 1,592 6,905 592 0,789	684,7 542,5 22,111,7 243,4 23,582,5 mnaire)		
Vas this locati	Yes No/Don't k Valid skip Not stated C13L1B from your residence 0000	Position: ce was this locati Allowed Max	311	cted area? Length:	5 6 4 C13L1A on t	1,700 1,592 6,905 592 0,789 the questio	684,7 542,5: 22,111,7 243,4 23,582,5 mnaire)		

May 30, 20	00	PUBLIC U	USE MICE	RO-DATA FI	LE	Page 62
Variable:	CL1PROV	Position:	315	Length:	2	
Province/territ	tory of destination.					
10vmcc/tciri	lory of desimation.					
					FREQ	WTI
10	Newfound	lland			158	34,77
11	Prince Edv	ward Island			33	4,47
12	Nova Scot	ia			297	61,32
13	New Brun	swick			182	37,59
24	Ouebec				742	326,44
35	Ontario				867	385,04
46	Manitoba				216	42,77
47	Saskatche	wan			120	27,66
48	Alberta				233	101,37
59	British Co	olumbia			352	188,03
50	Yukon				56	3,18
51	North Wes	st Territories			5	1,57
63	Outside Ca	anada			0	
96	Valid skip				56,905	22,111,79
99	Unknown				623	256,44
					60,789	23,582,510
Variable:	C14L1B	Position:	317	Length:	3	
	ow many same-day ?Same-day trips 000		tion C14L1A	ke to this locatio on the questionn	on to watch, feed, photo naire.)	graph or
					FREQ	WTI
000:360					2,711	992,55
996	Valid skip				57,256	22,261,31
999	Not stated				822	328,64

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 63
Variable:	C14L1D	Position:	320	Length:	3		
rariable.	CIALID	rosmon.	520	Lengin.	3		
Overnight tr	ips (see question C1						
Allowed Min:	000	Allowed Max	995				
						FREQ	WTI
000:130						1,283	495,81
996	Valid skip					58,684	22,758,05
999	Not stated					822	328,64
						60.700	22 592 51
						60,789	23,582,510
Variable:	C15L1	Position:	323	Length:	3		
Allowed Min: 001 : 365	000 Valid skip	Allowed Max	365			FREQ 3,101 56,905	WTI 1,161,42: 22,111,79
999	Not stated					783	309,30
						60,789	23,582,51
Variable:	C11L2	Position:	326	Length:	1		
Was this locat	ion in a national or	provincial park of	or other protec	ted area?			
						FREQ	WTI
3	Yes					534	214,46
2	No/Don't k	now				495	181,12:
5	Valid skip					59,760	23,186,92
						60,789	23,582,510

May 30, 200	<u> </u>	PUBLIC U	SE MICK	O-DATA FI	LE		Page 64
Variable:	C13L2B	Position:	327	Length:	4		
About how far fallowed Min:	from your residen 0000	ce was this location Allowed Max:	n?(Kilometer 9995	rs) (see question	C13L2A	on the questi	onnaire)
						FREQ	WTI
0000 : 5000						921	354,85
9996	Valid skip					59,760	23,186,92
9999	Not stated					108	40,74
						60,789	23,582,51
Variable:	CL2PROV	Position:	331	Length:	2		
Province/territor	ry of destination.						
						FREO	WTI
10	Newfound	lland				37	7,88
11	Prince Ed	ward Island				17	2,32
12	Nova Sco	nia				72	16,62
13	New Brur	swick				57	13,03
24	Quebec					200	94,43
35	Ontario					268	111,08
46	Manitoba					51	11,31
47	Saskatche	wan				35	8,47
48	Alberta					104	41,91
59	British C	olumbia				137	75,223
60	Yukon					14	1,49
61	North We	st Territories				1	25
63	Outside C	anada				2	270
96	Valid skip					59,760	23,186,92
99	Unknown					34	11,46
						60,789	23,582,51

May 30, 200	00	PUBLIC US	E MICR	O-DATA FI	LE		Page 65
Variable:	C14L2B	Position:	333	Length:	3		
	ow many same-day Same-day trips 000			ke to this location on the questionn		ch, feed, photo	garaph or
000 : 365 996 999	Valid skip Not stated					FREQ 773 59,914 102	WTE 292,887 23,250,445 39,184
						60,789	23,582,516
Variable:	C14L2D	Position:	336	Length:	3		
Overnight trip Allowed Min:	ps (see question C1- 000	4L2B on the quest Allowed Max:	ionnaire) 995				
000 : 060 996 999	Valid skip Not stated					FREQ 394 60,293 102	WTE 156,266 23,387,067 39,184
						60,789	23,582,516
Variable:	C15L2	Position:	339	Length:	3		
How many day Allowed Min:	s in total did you wa	atch, feed, photogrammer Allowed Max:	raph or stud 365	y wildlife at this	location	?	
001 : 365 996 999	Valid skip Not stated					FREQ 940 59,760 89	WTE 363,987 23,186,924 31,605
						60,789	23,582,516

LE	PUBLIC U	00	May 30, 200		
1	Length:	342	Position:	C11L3	Variable:
	ed area?	other protec	r provincial park of	on in a national o	Was this locati
FREQ					
			1		1
					2
			p	Valid Skij	6
60,789					
4	Length:	343	Position:	C13L3B	Variable:
C127.24 .1		0/1/1	0.1.1.21		41
C13L3A on the questi	s) (see question	9995		0000	Allowed Min:
FREQ					
417					0000:5000
60,323					9996
49			d	Not stated	9999
ti	FREQ 243 223 60,323 == 60,789 4 C13L3A on the quest FREQ 417 60,323	Length: 1 ted area? FREQ 243 223 60,323 =====60,789 Length: 4 rs) (see question C13L3A on the quest FREQ 417 60,323 49	342 Length: 1 r other protected area? FREQ 243 223 60,323 ====== 60,789 343 Length: 4 on?(Kilometers) (see question C13L3A on the quest 9995 FREQ 417 60,323 49	r provincial park or other protected area? FREQ 243 223 60,323 = 60,789 Position: 343 Length: 4 Ince was this location?(Kilometers) (see question C13L3A on the quest Allowed Max: 9995 FREQ 417 60,323 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C11L3 Position: 342 Length: 1 on in a national or provincial park or other protected area? FREQ Yes 243 No/Don't know 223 Valid skip 60,323 C13L3B Position: 343 Length: 4 from your residence was this location?(Kilometers) (see question C13L3A on the quest 0000 Allowed Max: 9995 FREQ 417 Valid skip 60,323 Not stated 49

	2000 PUBLIC USE MICRO-DATA FILE						
Variable:	CL3PROV	Position:	347	Length:	2		
Province/territ	tory of destination.						
					FREQ	WTI	
10	Newfound	lland			15	3,034	
11	Prince Edv	ward Island			7	2,160	
12	Nova Scot	tia			29	6,566	
13	New Brun	swick			19	4,590	
24	Quebec				77	36,669	
35	Ontario				136	58,028	
46	Manitoba				25	5,594	
47	Saskatche	wan			16	4,153	
48	Alberta				42	19,499	
59	British Co	olumbia			71	35,160	
60	Yukon				7	1,418	
61		st Territories			2	520	
63	Outside C					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		
	now many same-day ?Same-day trips (000		L3A on the qu		on to watch, feed, photo	ograph or	
200 200					FREQ	WTI	
000 : 200	31.11.1.1.1				347	139,739	
996	Valid skip				60,386	23,423,494	
999	Not stated				56 =====	19,284	
					60,789	23,582,510	

Page 68		LE	O-DATA FI	May 30, 2000			
		3	Length:	352	Position:	C14L3D	Variable:
				995	IL3B on the que Allowed Max:	ps (see question C14 000	Overnight tri Allowed Min:
WTI	FREQ						
69,73	169						000:022
23,493,50	60,564					Valid skip	996
19,28	56					Not stated	999
23,582,510	60,789						
			7.00				
		3	Length:	355	Position:	C15L3	Variable:
		location?	wildlife at this	ranh or study	itch feed nhoto	s in total did you wa	How many day
		Todation.	Wilding at him	365	Allowed Max:	000	Allowed Min:
WTI	FREQ						
167,486	413						001:200
23,398,12:	60,323					Valid skip	996
16,90	53					Not stated	999
10,70		=					
23,582,510	60,789						
=======================================	60,789						
=======================================	60,789	1	Length:	358	Position:	D1	Variable:
=======================================	60,789	1 dence?				D1 lid you watch, feed, 1	
23,582,510		1 dence?					
23,582,510 WTI	FREQ	1 dence?				lid you watch, feed, j	
23,582,510		1 dence?					

May 30, 20	000	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 69
Variable:	D2A	Position:	359	Length:	1		
In which of th	ne following activities	s did you partici	pate around y	ou residence?	Purchasii	ng or putting o	ut special
						EDEO	9.9 1/90 1/
	¥/					FREQ	WTI
2	Yes					15,055 9,162	5,169,829
6	Valid skip					35,614	3,497,877 14,552,783
9	Not stated					958	362,02
7	Not stated					736	302,02
						60,789	23,582,510
Variable:	D2B	Position:	360	Length:	1		
Watching w	rildlife						
						FREQ	WTD
	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	362,02
						60,789	23,582,510
						60,789	23,582,516

May 30, 20		PUBLIC (SE MICE	RO-DATA FI	LE		Page 70
Variable:	D2C	Position:	361	Length:	1		
Studving an	d identifying differe	nt types of wildli	fe				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	7,					
	Vac					FREQ	WTI
1	Yes No					10,901 13,316	3,910,26
6	Valid skip					35,614	4,757,442 14,552,783
)	Not stated					958	362,02
	1101 314104						=======================================
						60,789	23,582,510
Variable:	D2D	Position:	362	Length:	1		
Maintainina	nlanta abruba an bi	ndh ougag ta attra	at food on abo	alaan			
1 2 6	g plants, shrubs or bii Yes No Valid skip Not stated	rdhouses to attra	ct, feed or she	elter wildlife		FREQ 13,832 10,385 35,614 958 60,789	4,751,08; 3,916,62; 14,552,78; 362,02;
Maintaining 1 2 6 9	Yes No Valid skip	rdhouses to attraction:	ct, feed or she	elter wildlife Length:	1	13,832 10,385 35,614 958	WTI 4,751,08; 3,916,62; 14,552,78; 362,02; 23,582,516
l 2 5 9 Variable:	Yes No Valid skip Not stated	Position:			1	13,832 10,385 35,614 958	4,751,08; 3,916,62; 14,552,78; 362,02;
l 2 5 9 Variable:	Yes No Valid skip Not stated	Position:				13,832 10,385 35,614 958 60,789	4,751,08; 3,916,62; 14,552,78; 362,02; 23,582,516
Variable:	Yes No Valid skip Not stated D2E	Position:				13,832 10,385 35,614 958 60,789	4,751,08; 3,916,62; 14,552,78; 362,02; 23,582,516
l 2 6 9 Variable: Photographi	Yes No Valid skip Not stated D2E ing wildlife around y	Position:				13,832 10,385 35,614 958 60,789	4,751,08; 3,916,62; 14,552,78; 362,02; 23,582,516
Variable:	Yes No Valid skip Not stated D2E ing wildlife around y Yes No	Position:				13,832 10,385 35,614 958 60,789 FREQ 5,631 18,586	4,751,08; 3,916,62; 14,552,78; 362,02; 23,582,516 WTE 2,000,129; 6,667,577
l 2 6 9 Variable: Photographi	Yes No Valid skip Not stated D2E ing wildlife around y	Position:				13,832 10,385 35,614 958 60,789	4,751,08; 3,916,62; 14,552,78; 362,02; 23,582,516

May 30, 200	00	PUBLIC I	JSE MICR	O-DATA FII	LE	Page 71
Variable:	D3A	Position:	364	Length:	1	
Which of the fo	ollowing types of wi	ildlife did you w	atch, feed, ph	otograph or stud	around your resider	ace?
					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	370,52
					60,789	23,582,510
						1
Variable:	D3B	Position:	365	Length:	1	
Other birds						
					FREQ	WTE
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	23,582,510

00	PUBLIC (SE WICK	U-DATA FI	LE		Page 72
D3C	Position:	366	Length:	1		
nals						
Vec						WTI
						5,166,76
						3,492,44
						14,552,78: 370,52:
						4.0-40-1
					60,789	23,582,510
D3D	Position:	367	Longth:	1		
030	1 03111011.	307	Lengin.			
nals						
					FREO	WTI
Yes						1,689,820
No					18,769	6,969,38
Valid skip					35,614	14,552,78
Not stated					979	370,52
					60,789	23,582,510
				Щ,		
D3E	Position:	368	Length:	1		
fe						
					EDEO	WTD
Vec						1,843,519
						6,815,689
						14,552,783
Not stated					979	370,525
					60,789	23,582,510
	D3C nals Yes No Valid skip Not stated D3D nals Yes No Valid skip Not stated D3E fe Yes No Valid skip Not stated	D3C Position: Alas Yes No Valid skip Not stated D3D Position: Alas Yes No Valid skip Not stated D3E Position:	D3C Position: 366 Alals Yes No Valid skip Not stated Position: 367 Alals Yes No Valid skip Not stated D3E Position: 368 fee Yes No Valid skip	D3C Position: 366 Length: Yes No Valid skip Not stated D3D Position: 367 Length: Als Yes No Valid skip Not stated D3E Position: 368 Length: fe Yes No Valid skip	D3C Position: 366 Length: 1 Yes No Valid skip Not stated D3D Position: 367 Length: 1 als Yes No Valid skip Not stated D3E Position: 368 Length: 1 fe Yes No Valid skip	D3C Position: 366 Length: 1

	000	PUBLIC U	JSE MICE	CO-DATA FI	ILE	Page 7.
Variable:	D4	Position:	369	Length:	3	
On how many	different days did y	ou participate in	these activities	es around your r	esidence in 1996?	
					FREQ	WT
005	5 Days				2,742	1,096,38
015	15 Days				2,256	847,57
035	35 Days				3,002	1,094,10
075	75 Days				3,171	1,145,02
125	125 Days				2,217	805,30
175	175 Days				1,619	593,72
283	283 Days				8,991	3,025,16
996	Valid skip				35,614	14,552,78
999	Not stated				1,177	422,44
					60,789	23,582,51
					00,707	25,502,51
Variable:	D5	Position:	372	Length:	3	
					3 e activities around your	residence in
What was the					e activities around your	
What was the 1996?	total amount of mor				e activities around your	WT
What was the 1996?	total amount of mor				e activities around your FREQ 8,646	WT 3,164,27
What was the 1996?	\$0.00				FREQ 8,646 1,190	WT 3,164,27 452,89
What was the 1996?	\$0.00 \$3.00 \$7.00				FREQ 8,646 1,190 1,400	WT 3,164,27 452,89 506,28
What was the 1996? 000 003 007	\$0.00 \$3.00 \$7.00 \$17.00				FREQ 8,646 1,190 1,400 3,817	WT 3,164,27 452,89 506,28 1,383,63
What was the 1996? 000 003 007 017	\$0.00 \$3.00 \$7.00 \$17.00 \$37.00				FREQ 8,646 1,190 1,400 3,817 3,592	WT 3,164,27 452,89 506,28 1,383,63 1,243,32
What was the 1996? 000 003 007 017 037	\$0.00 \$3.00 \$7.00 \$17.00 \$37.00 \$75.00				FREQ 8,646 1,190 1,400 3,817 3,592 2,799	WT 3,164,27 452,89 506,28 1,383,63 1,243,32 981,82
What was the 1996? 000 003 007 017 037 075	\$0.00 \$3.00 \$7.00 \$17.00 \$37.00 \$75.00 \$150.00				FREQ 8,646 1,190 1,400 3,817 3,592 2,799 1,644	WT 3,164,27 452,89 506,28 1,383,63 1,243,32 981,82 576,16
What was the 1996? 000 003 007 017 037 075 150 200	\$0.00 \$3.00 \$7.00 \$17.00 \$37.00 \$15.00 \$200.00				FREQ 8,646 1,190 1,400 3,817 3,592 2,799 1,644 1,060	WT 3,164,27 452,89 506,28 1,383,63 1,243,32 981,82 576,16
What was the 1996? 000 003 007 017 037 075 150 200 996	\$0.00 \$3.00 \$7.00 \$17.00 \$37.00 \$150.00 \$200.00 Valid skip				FREQ 8,646 1,190 1,400 3,817 3,592 2,799 1,644 1,060 35,614	WT 3,164,27 452,89 506,28 1,383,63 1,243,32 981,82 576,16 363,17 14,552,78
What was the 1996? 000 003 007 017 037 075 150 200 996	\$0.00 \$3.00 \$7.00 \$17.00 \$37.00 \$15.00 \$200.00				FREQ 8,646 1,190 1,400 3,817 3,592 2,799 1,644 1,060 35,614 1,027	WT 3,164,27 452,89 506,28 1,383,63 1,243,32 981,82 576,16 363,17 14,552,78
What was the 1996? 000 003 007 017 037 075 150 200	\$0.00 \$3.00 \$7.00 \$17.00 \$37.00 \$150.00 \$200.00 Valid skip				FREQ 8,646 1,190 1,400 3,817 3,592 2,799 1,644 1,060 35,614	WT. 3,164,27 452,89 506,28 1,383,63 1,243,32 981,82 576,16 363,17 14,552,78 358,14
What was the 1996? 000 003 007 017 037 075 150 200 996	\$0.00 \$3.00 \$7.00 \$17.00 \$37.00 \$150.00 \$200.00 Valid skip				FREQ 8,646 1,190 1,400 3,817 3,592 2,799 1,644 1,060 35,614 1,027	wTT 3,164,27 452,89 506,28 1,383,63 1,243,32 981,82 576,16 363,17 14,552,78 358,14

May 30, 200	10	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 74
Variable:	E1	Position:	375	Length:	1		
In 1996, did yo	u take any same-da	y or overnight tr	rips within Car	nada for which th	he main	reason was to i	ish for
						FREQ	WTI
1	Yes					8,919	3,112,53
2	No					51,870	20,469,97
						60,789	23,582,51
Variable:	E2	Position:	376	Length:	1		
Did you catch a	nny fish on these tri	ps?					
						FREQ	WTI
1	Yes					6,875	2,353,58
2	No					1,598	600,23
6	Valid skip					51,870	20,469,97
9	Not stated					446	158,71
						60,789	23,582,51
	DAD						L HE
Variable:	ЕЗВ	Position:	377	Length:	3		
	hese trips did you t			(see question E3	A on the	e questionnaire	
Allowed Min:	000	Allowed Max.	995				
						FREQ	WTI
000 : 440						6,813	2,334,67
996	valid skip					53,184	20,962,44
999	Not stated					792	285,40
						60,789	23,582,51

May 30, 200	0	PUBLIC U	SE MICR	C-DATA FI	LE		Page 75
Variable:	E3D	Position:	380	Length:	3		
Overnight tri	os (see question E3)	B on the question	naire)				
Allowed Min:	000	Allowed Max:	995				
000 : 100						FREQ 5,222	WTD 1,849,074
996 999	Valid skip Not stated					54,921 646	21,500,270
						60,789	23,582,516
Variable:	E4B	Position:	383	Length:	3		
	er of days you spen vater lakes, rivers, s					ater body when	re you
000 : 230						FREQ 7,484	WTD 2,595,383
	Valid skip					52,146	20,578,860
996						1,159	408,274
	Not stated						100,27
996 999	Not stated					60,789	23,582,516

Page 7		LE	O-DATA FII	E MICRO	PUBLIC US	0	May 30, 200
		3	Length:	386	Position:	E4D	Variable:
				aire) 365	B on the questionn Allowed Max:	? (see question E4I	Pacific Ocean Allowed Min:
WT	FREQ						
147,22	307						000:070
23,395,64	60,391					Valid skip	996
39,64	91					Not stated	999
23,582,51	60,789						
		3	Length:	389	Position:	E4F	Variable:
						n? (see question E4	
				365	Allowed Max:	000	Allowed Min:
WT	FREO						
76,05	366						000:100
23,452,80	60,160					Valid skip	996
53,65	263					Not stated	999
23,582,51	60,789						

May 30, 2000)	PUBLIC US	E MICRO	D-DATA FI	LE		Page 77
Variable:	E5B	Position:	392	Length:	6		
1996?Transpor	tal amount of mone	n E5A on the que	stionnaire)	e recreational	fishing tr	ips in Canada i	in
Allowed Min:	000000	Allowed Max:	999995				
000 000 : 004642 999 996 999999	Valid skip Not stated					FREQ 7,494 51,870 1,425	2,596,201 20,469,977 516,338
						60,789	23,582,516
Variable:	E5D	Position:	398	Length:	6		
ruruote.	ESD	r osmon.	370	Length.	O		
Accommodation	on (see question E	SR on the question	maire)				
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000 : 001601						7,494	2,596,20
9 99996 999999	Valid skip Not stated					51,870 1,425	20,469,97
						60,789	23,582,51
		-					

	00	T CBETC C	DE MICK	D-DATA FI			Page 78
Variable:	E5F	Position:	404	Length:	6		
	estion E5C on the c						
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WT
000000 : 0010						7,494	2,596,20
999996	Valid skip					51,870	20,469,97
999999	Not stated					1,425	516,33
						60,789	23,582,51
Variable:	Е5Н	Position:	410	Length:	6		
	orimarily used for th	ese activities (see Allowed Max:	question E5D 999995	on the questio	nnaire)		
Allowed Min: 000000 : 0256 999996	000000			on the questio	nnaire)	FREQ 7,494 51,870 1,425	2,596,20 20,469,97 516,33
Equipment p Allowed Min: 0000000 : 0256 999996 999999	000000 67 Valid skip					7,494 51,870	WTI 2,596,20 20,469,97 516,333 23,582,510
Allowed Min: 000000 : 0256 099996 099999	000000 67 Valid skip Not stated	Allowed Max:	999995	on the question	nnaire)	7,494 51,870 1,425	2,596,20 20,469,97 516,333
Allowed Min: 0000000 : 0256 099996 099999	000000 67 Valid skip Not stated	Allowed Max: Position:	999995			7,494 51,870 1,425	2,596,20 20,469,97 516,33
Allowed Min: 0000000: 0256 099996 099999 Variable:Other items (Allowed Min:	Valid skip Not stated E5J (see question E5E o 000000	Allowed Max: Position: n the questionnaire	416			7,494 51,870 1,425 60,789	2,596,20 20,469,97 516,33 23,582,51
Allowed Min: 0000000 : 0256 999996 999999 Variable:Other items (Allowed Min:	Valid skip Not stated E5J (see question E5E o 000000	Allowed Max: Position: n the questionnaire	416			7,494 51,870 1,425 60,789 FREQ 7,494	2,596,20 20,469,97 516,33 23,582,51 WTI 2,596,20
Allowed Min: 000000 : 0256 999996 999999	Valid skip Not stated E5J (see question E5E o 000000	Allowed Max: Position: n the questionnaire	416			7,494 51,870 1,425 60,789	2,596,20 20,469,97 516,33

May 30, 20	00	PUBLIC USE MICRO-DATA FILE					Page 79
Variable:	E6	Position:	422	Length:	1		
Would you sti	ll have taken these to	rips if your cost	had been mor	e?			
						FREQ	WTE
1	Yes					5,637	1,940,130
7	No						
2	Valid skip					2,513	909,26
6						51,870	20,469,97
9	Not stated					769	263,13
						60,789	23,582,510
Variable:	E7	Position:	423	Length:	3		
How much me	ore would you have:	spent before dec	iding not to ta	ke these trips in	1996?		
						EDEO	33.000
0.26	62600					FREQ	WTI
025	\$25.00					1,920	638,63
075	\$75.00					1,530	516,19
150	\$150.00					1,043	382,09
300	\$300.00					542	186,96
600	\$600.00					212	80,23
800	\$800.00					256	90,440
996	Valid skip					54,383	21,379,24
999	Not stated					903	308,71
						60,789	23,582,516
Variable:	E10L1	Position:	426	Length:	1		
Was this locat	ion in a national or p	provincial park	or other protec	ted area?			
						FREQ	WTI
1	Yes					2,212	793,473
2	No/Don't k	now				5,993	2,059,365
5	Valid skip					51,870	20,469,97
)	Not stated					714	259,70
						60,789	23,582,510

51 1	REQ WT1 7,791 2,676,82 1,870 20,469,97 1,128 435,71
51 1	REQ WT1 7,791 2,676,82 1,870 20,469,97
51 1	7,791 2,676,82 1,870 20,469,97
51	1,870 20,469,97
1	
60	
	0,789 23,582,51
Length: 2	
F	REQ WT
	596 110,18
	143 12,31
	476 84,81
	418 78,21
1	1,826 755,34
2	2,239 949,12
	552 103,90
	463 114,38
	428 187,31
	726 377,85
	174 6,01
	12 3,29
	0
51	1,870 20,469,97
	866 329,79
	0,789 23,582,51

May 30, 200	0	PUBLIC US	SE MICR	O-DATA FI	LE		Page 81
Variable:	E13L1B	Position:	433	Length:	3		
	ow many same-day ion E13L1A on the 000		s did you ta	ke to this locatio	n to fish	for recreation?	?Same-day
						FREQ	WTI
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 tri	ps (see question E1:	3L1B on the quest	ionnaire)				
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTE
000:100						3,960	1,384,381
996	Valid skip					55,677	21,776,817
999	Not stated					1,152	421,312
						60,789	23,582,510
			186				
Variable:	E14L1	Position:	439	Length:	3		
How many day Allowed Min:	s in total did you tal	ke part in fishing a Allowed Max:	activities at 365	this location?			
						FREQ	WTD
001 : 300						7,842	2,714,44
996	Valid skip					51,870	20,469,97
999	Not stated					1,077	398,092
						60,789	23,582,510

E	-DATA FIL	SE MICRO	PUBLIC U	00	May 30, 200
1	Length:	442	Position:	E10L2	Variable:
	l area?	other protecte	r provincial park o	ion in a national o	Was this locati
FREQ					
801				Yes	1
1,494					2
58,484					6
10			1	Not stated	9
60,789					
4	Length:	443	Position:	E12L2B	Variable:
121.24 on the question	(see question F	n?(Kilometers	ice was this location	from your resider	About how far
12L2A on the questic	(see question L	9995		0000	Allowed Min:
FREQ					
2,145					0000 : 5000
58,484			0	Valid ski	9996
160			1	Not state	9999
60,789					
iic	FREQ 801 1,494 58,484 10 60,789 4 12L2A on the quest FREQ 2,145 58,484 160	Length: 1 ed area? FREQ 801 1,494 58,484 10 60,789 Length: 4 FREQ 2,145 58,484 160	442 Length: 1 r other protected area? FREQ 801 1,494 58,484 10 60,789 443 Length: 4 on?(Kilometers) (see question E12L2A on the quest 9995 FREQ 2,145 58,484 160	Position: 442 Length: 1 r provincial park or other protected area? FREQ 801 1,494 58,484 d 10 60,789 Position: 443 Length: 4 Ince was this location?(Kilometers) (see question E12L2A on the quest Allowed Max: 9995 FREQ 2,145 58,484 1 160	E10L2 Position: 442 Length: 1 fon in a national or provincial park or other protected area? FREQ Yes 801 No/Don't know 1,494 Valid skip 58,484 Not stated 10 E12L2B Position: 443 Length: 4 from your residence was this location?(Kilometers) (see question E12L2A on the quest 0000 Allowed Max: 9995 FREQ 2,145 Valid skip 58,484 Not stated 160

May 30, 200	00	PUBLIC US	SE MICR	O-DATA FI	LE		Page 83
Variable:	EL2PROV	Position:	447	Length:	2		
Province/territ	ory of destination.						
10111101101111	ory or acommunous.						
						FREQ	WTI
10	Newfound	lland				126	24,37
11	Prince Ed	ward Island				31	4,38
12	Nova Scot	tia				124	26,69
13	New Brun	swick				96	19,13
24	Quebec					422	178,15
35	Ontario					684	279,18
46	Manitoba					158	32,20
47	Saskatche	wan				142	34,14
48	Alberta					164	70,90
59	British Co	olumbia				255	127,90
60	Yukon					42	2,41:
61	North We	st Territories				2	31:
63	Outside C	anada				0	
96	Valid skip					58,484	22,764,599
99	Unknown					59	18,129
						60,789	23,582,510
Variable:	E13L2B	Position:	449	Length:	3		
	ow many same-day	y and overnight trip e questionnaire)	s did you ta	ke to this locatio	n to fish t	for recreation'	?Same-day
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTI
000 000						1,674	578,790
000:200						58,963	22,946,099
	Valid skip						一年17 てい,ひ 2
000 : 200 996 999	Valid skip Not stated					152	57,62

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 84
Variable:	E13L2D	Position:	452	Length:	3		
Overnight tr Allowed Min:	rips (see question El 000	3L2B on the que Allowed Max.					
						FREQ	WTI
000:024						2,153	760,29
996	Valid skip					58,484	22,764,59
999	Not stated					152	57,62
						60,789	23,582,51
					Ш		
Variable:	E14L2	Position:	455	Length:	3		
How many day	ys in total did you ta	ke part in fishin	g activities at	his location?			
Allowed Min:	000	Allowed Max.	365				
						FREQ	WTI
001 : 200						2,164	765,63
996	Valid skip					58,482	22,763,22
999	Not stated					143	53,65
						60,789	23,582,51
Variable:	E10L3	Position:	458	Length:	1		
Was this locat	ion in a national or p	rovincial park o	r other protec	ted area?			
						FREQ	WTI
9	Yes					286	97,52
2	No/Don't ki	now				566	202,225
6	Valid skip					59,937	23,282,762
						60,789	23,582,510

May 30, 200	0	PUBLIC U	JSE MICR	RO-DATA FI	LE		Page 85
Variable:	E12L3B	Position:	459	Length:	4		
About how far: Allowed Min:	from your residen 0000	ce was this location Allowed Max.		ers) (see question	n E12L3/	A on the questi	onnaire)
						FREQ	WTI
0000 : 2500						786	275,29
9996	Valid skip					59,937	23,282,76
9999	Not stated					66	24,46
						60,789	23,582,516
Variable:	EL3PROV	Position:	463	Length:	2		
Province/territo	ry of destination.						
						FREQ	WTI
10	Newfound	dland				35	7,42
11		ward Island				6	47
12	Nova Sco					53	10,37
13	New Brur	nswick				29	5,07
24	Quebec					128	52,24
35	Ontario					259	105,61
46	Manitoba					64	12,08
47	Saskatche	wan				60	15,03
48	Alberta					47	19,72
59	British C	olumbia				123	63,240
60	Yukon					21	52
61		est Territories				0	
63	Outside C					0	
96	Valid skip					59,937	23,282,76
99	Unknown					27	7,93
						60,789	23,582,510

May 30, 200	0	PUBLIC US	SE MICR	O-DATA FI	LE		Page 80
Variable:	E13L3B	D = 1'4' = 11	A(5	Louist	2		
variable:	EISLSB	Position:	465	Length:	3		
During 1996 ho trips (see questi Allowed Min:	w many same-day on E13L3A on the 000	and overnight trip questionnaire) Allowed Max:	s did you tal 995	ke to this locatio	n to fish	for recreation?	Same-day
						FREQ	WTI
000:068						613	215,94
996	Valid skip					60,111	23,346,48
999	Not stated					65	20,08
						60,789	23,582,51
Variable:	E13L3D	Position:	468	Length:	3		
Overnight trip	s (see question E1	21 2D on the gues	tionnoiro)				
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTI
000:027						357	125,76
996	Valid skip					60,367	23,436,67.
999	Not stated					65	20,08
						60,789	23,582,51
V:	E1483	D=-:4:	471		2		
Variable:	E14L3	Position:	471	Length:	3		
How many days Allowed Min:	s in total did you tal 000	ke part in fishing a Allowed Max:	activities at 1 365	this location?			
						FREQ	WTI
001:050						785	278,13
996	Valid skip					59,935	23,281,38
999	Not stated					69	22,99
						60,789	23,582,51
996 999	Valid skip Not stated					69	22

May 30, 200	0	PUBLIC U		Page 87			
Variable:	F1	Position:	474	Length:	1		
In 1996, did yo	u hunt wildlife in	Canada?					
	17					FREQ	WTI
2	Yes					3,560 57,229	995,68 22,586,83
2	140					=======================================	22,360,63
						60,789	23,582,510
27 11.	Ean	David	476	I 41.	2		
Variable:	F2B	Position:	475	Length:	3		
on the question	naire)	ght trips did you ta		ldlife in 1996?.	Same-d	ay trips (see q	uestion F2A
Allowed Min:	000	Allowed Max:	993				
						FREQ	WTI
000:130						2,669	739,43
996	Valid skip					57,851	22,773,21
999	Not stated					269	69,86
						60,789	23,582,51
<u></u>							
Variable:	F2D	Position:	478	Length:	3		
Overnight trip Allowed Min:	os (see question I 000	F2B on the question Allowed Max:					
						FREQ	WTI
000 : 070						2,286	652,87
996	Valid skip					58,257	22,863,37
999	Not stated					246	66,26
						60,789	23,582,51

May 30, 20	00	PUBLIC U	ISE MICRO	D-DATA FI	LE		Page 88
Variable:	F3	Position:	481	Length:	3		
How many day Allowed Min:	ys in total did you hu 000	nt wildlife in 19 Allowed Max:					
						FREQ	WTI
001:170						3,276	917,76
996	Valid skip					57,229	22,586,83
999	Not stated					284	77,92
						60,789	23,582,510
Variable:	F4H1	Position:	484	Length:	1		
Did you hunt v	waterfowl in Canada	during 1996?					
						FREQ	WTI
1	Yes					844	235,36
2	No					2,716	760,32
6	Valid skip					57,229	22,586,83
						60,789	23,582,51
Variable:	F5H1	Position:	485	Length:	1		
Did you harve	st any waterfowl?						
						FREQ	WTI
1	Yes					526	150,82
2	No					249	66,59
6	Valid skip					59,945	23,347,15
9	Not stated					69	17,95
						60,789	23,582,51
						00,707	43,004,011

May 30, 2000		PUBLIC US	Page 89				
Variable:	F6H1B	Position:	486	Length:	3		
In 1996 how ma F6H1A on the q	ny same-day and o	vernight trips did	you take to	hunt Waterfowl?	Sam	e-day trips (see	e question
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTE
000:099						618	172,260
996	Valid skip					60,059	23,382,670
999	Not stated					112	27,574
						60,789	23,582,516
Variable:	F6H1D	Position:	489	Length:	3		
Overnight trip	s (see question F6	HIB on the questi	onnaire)				
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTE
000:060	******					368	107,080
996 99 9	Valid skip					60,353	23,458,131
999	Not stated					68	17,305
						60,789	23,582,516
Variable:	F7H1B	Position:	492	Length:	3		
variable.	r/HID	Fusition.	472	Lengin:	3		
How many days questionnaire)	during 1996 did ye	ou hunt Waterfow	1?In your	province or territ	ory	(see question F	7HIA on the
Allowed Min:	000	Allowed Max:	365				
						FREQ	WTD
000 : 104	37-114-11-					701	197,239
996 999	Valid skip Not stated					59,967	23,355,025
777	NOT Stated					121	30,253
						60,789	23,582,516

	0	PUBLIC US	SE MICRO	D-DATA FI	LE		Page 9
Variable:	F7H1D	Position:	495	Length:	3		
	Canada? (see quest			e)			
Allowed Min:	000	Allowed Max:	365				
						FREQ	WT
000:050						199	56,33
996	Valid skip					60,556	23,517,96
999	Not stated					34	8,22
						60,789	23,582,51
Variable:	F8H1B	Position:	498	Length:	6		
	tal amount of mon		spent to hunt	Waterfowl in	Canada	in 1996?Tran	sportation
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000 : 00179:						668	191,20
999996	Valid skip					59,945	23,347,15
999997		ported in other hur	iting type			75	18,49
999999	Not stated					101	25,66
						60,789	23,582,51
Variable:	F8H1D	Position:	504	Length:	6		
COLUMN TO !	I UIIID	Tosition.	504	Lengin.	0		
	on (see question F						
	on (see question F	8H1B on the quest Allowed Max:	tionnaire) 999995				
Allowed Min:	000000					FREQ	
Allowed Min: 000000 : 00041	000000					668	191,20
Allowed Min: 000000 : 000417	000000 7 Valid skip	Allowed Max:	999995			668 59,945	191,20 23,347,15
Allowed Min: 000000 : 000417 999996 999997	7 Valid skip Expense rej		999995			668 59,945 75	191,20 23,347,15 18,49
Accommodation of the commodation of the commodat	000000 7 Valid skip	Allowed Max:	999995			668 59,945	WTI 191,20 23,347,15 18,49 25,66

May 30, 200	0	FUBLIC US	SE WHER	O-DATA FI	LC		Page 91
Variable:	F8H1F	Position:	510	Length:	6		
rariante.	rollir	Tosmon.	310	Lengin.	0		
Food (see que Allowed Min:	estion F8H1C on 000000	the questionnaire) Allowed Max:	999995				
						FREQ	WTI
000000 : 00044	5					668	191,20
999996	Valid ski	ip				59,945	23,347,15
999997		reported in other hur	nting type			75	18,49
999999	Not state		3 7 7			101	25,66
						60,789	23,582,510
						00,707	23,302,310
Variable:	F8H1H	Position:	516	Length:	6		
	imarily used for			e question F8H	1D on qu	uestionnaire)	
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000 : 00247	6					668	191,20-
999996	Valid ski	ip				59,945	23,347,15
999997		reported in other hur	nting type			75	18,49
999999	Not state	_				101	25,66
						60,789	23,582,510
Variable:	F8H1J	Position:	522	Length:	6		
Other items (s Allowed Min:	on F8F 000000	IIE on the questionn Allowed Max:	999995				
						FREQ	WTI
000000 : 00049	1					668	191,204
999996	Valid ski	ip				59,945	23,347,154
999997		reported in other hur	nting type			75	18,494
999999	Not state					101	25,664
						60,789	23,582,510

Page 9		LE	-DATA FI	SE MICRO	PUBLIC	0	May 30, 200
		1	Length:	528	Position:	F9H1	Variable:
				ad been more?	rins if your cost	have taken these t	Would you still
				ad been more:	irps ir your cost	nave taken these t	vould you still
WT	FREQ						
159,79	570					Yes	
55,32	187					No	
23,347,15	59,945					Valid skip	5
20,24	87					Not stated	
23,582,51	60,789						
		3	Length:	529	Position:	F10H1	Variable:
		1996?	these trins in	ting not to take	spent before dec	e would you have	How much mor
			and an positi			, , , , , , , , , , , , , , , , , , , ,	
WT	FREQ						
53,85	199					\$25.00	025
43,35	138					\$75.00)75
24,64	102					\$150.00	50
17,54	57					\$300.00	300
6,53	19					\$600.00	500
9,73	38					\$800.00	300
23,402,47	60,132					Valid skip	996
24,37	104					Not stated	999
23,582,51	60,789						
	199						
		4	Length:	532	Position:	F14H1BL1	Variable:
stionnaire)	L1 on the ques	F14H1A	(see question			rom your residence	
				9995	Allowed Max	0000	Illowed Min:
WT	FREQ						
214,29	765						0000 : 3000
23,347,15	59,945					Valid skip	996
21,06	79					Not stated	999
23,582,51	60,789						

May 30, 200	00	PUBLIC U	SE MICR	O-DATA FI	ILE	Page 93
Variable:	FH1L1PRO	Position:	536	Length:	2	
variable:	FHILIFKO	rosmon.	330	Lengin.	2	
Province/territo	ory of destination.					
					FREQ	WTI
0	Newfound	land			88	15,40
1	Prince Edv	vard Island			39	3,12
12	Nova Scot	ia			67	9,57
13	New Bruns	swick			52	10,72
24	Quebec				109	42,24
35	Ontario				180	71,22
16	Manitoba				99	17,68
17	Saskatchev	van			64	13,529
18	Alberta				63	27,110
59	British Co	lumbia			16	8,07
50	Yukon				9	21:
51		t Territories			í	2
63	Outside Ca				0	
96	Valid skip	ariu Gia			59,945	23,347,15
99	Unknown				57	16,43
					60,789	23,582,51)
Variable:	F15H1BL1	Position:	538	Length:	3	
During 1996 h	ow many same-day	and overnight tri	ns did you ta		on to hunt Waterfowl?	Same-day
rips (see quest	tion F15H1AL1 on	the questionnaire)			
Allowed Min:	000	Allowed Max:	995			
					FREQ	WTI
000:099					618	169,529
996	Valid skip				60,055	23,382,69
999	Not stated				116	30,29

May 30, 200	00	PUBLIC (SE MICK	O-DATA FI	LE		Page 94
Variable:	EISHIDI	D 11	541				
variable:	F15H1DL1	Position:	541	Length;	3		
Overnight tri Allowed Min:	ps (see question F1: 000	5H1BL1 on the Allowed Max.					
						FREQ	WT
000:052						317	89,64
996	Valid skip					60,356	23,462,58
999	Not stated					116	30,29
						60,789	23,582,51
Variable:	F16H1L1	Position:	544	Length:	3		
How many day Allowed Min:	vs in total did you h	unt waterfowl at Allowed Max:					
						FREQ	WT
001:104						751	210,92
996	Valid skip					59,945	23,347,15
999	Not stated					93	24,43
						60,789	23,582,51
Variable:	F14H1BL2	Position:	547	Length:	4		
About how far Allowed Min:	from your residence 0000	was this location was the was this location with the was the w		s) (see question	F14H1 <i>A</i>	AL2 on the que	stionnaire)
						FREQ	WTI
0000 : 2000						131	38,174
9996	Valid skip					60,639	23,538,37
999	Not stated					19	5,96

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Variable:	FH1L2PRO	Position:	551	Length:	2	
Province/territ	ory of destination.					
					FREQ	wti
10	Newfound	land			7	1,46
11		vard Island			6	63
12	Nova Scot				14	2,00
13	New Brun				10	1,69
24	Quebec	3 WIOR			21	9,55
35	Ontario				26	9,26
46	Manitoba				20	3,548
47	Saskatche	van			15	3,28
48	Alberta	7 (1)			11	4,178
59	British Co	lumbia			5	2,81:
60	Yukon	numbia			1	2,61.
		t Territories			0	
61					0	
63	Outside Ca	пада				22.520.27
96	Valid skip				60,639	23,538,375
99	Unknown				14	5,687
					60,789	23,582,516
Variable:	F15H1BL2	Position:	553	Length:	3	
		overnight trips did	you take to	hunt Waterfowl	?Same-day trips	(see question
	questionnaire)					
Allowed Min:	000	Allowed Max:	995			
					FREQ	WTI
000:050					100	
996	Valid skip				60,668	23,548,084
999	Not stated				21	6,28
					60,789	23,582,510

May 30, 20	00	PUBLIC U	PUBLIC USE MICRO-DATA FILE Page 96							
Variable:	F15H1DL2	Position:	556	Length:	3					
Overnight to Allowed Min:	rips (see question F15 000	5H1BL2 on ques Allowed Max:								
						FREQ	WTE			
000:015						63	16,864			
996	Valid skip					60,705	23,559,367			
999	Not stated					21	6,28:			
						60,789	23,582,516			
			4							
Variable:	F16H1L2	Position:	559	Length:	3					
low many da	ys in total did you hu	ent waterfowl at	this location?							
Allowed Min:		Allowed Max:								
						EBEO	MET			
001:050						FREQ 130	WTI 38,213			
996	Valid skip					60,639	23,538,37:			
999	Not stated					20	5,929			
						60,789	23,582,516			
Variable:	F4H2	Position:	562	Length:	1					
n 1996, did y	ou hunt other birds in	n Canada?								
						FREQ	WTD			
	Yes					1,282	374,726			
2	No					2,278	620,959			
5	Valid skip					57,229	22,586,832			
						60,789	23,582,516			
						00,767	23,302,310			

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Variable:	F5H2	Position:	563	Length:	1		
		2 0000000		2010			
Did you harve	st any other birds?						
						FREQ	WT
1	Yes					892	258,14
2	No					259	77,88
5	Valid skip					59,507	23,207,79
9	Not stated					131	38,69
						60,789	23,582,51
Variable:	F6H2B	Position:	564	Length:	3		
			,			o any amps (see	4.0011011
In 1996 how n F6H2A on the Allowed Min:	questionnaire) 000	Allowed Max:	995				
F6H2A on the	questionnaire)	Allowed Max:	995			FREQ	WTI
F6H2A on the Allowed Min:	questionnaire)	Allowed Max:	995				
F6H2A on the	questionnaire)	Allowed Max:	995			FREQ 1,097 59,633	316,54
F6H2A on the Allowed Min: 000 : 090 996	questionnaire) 000	Allowed Max:	995			1,097 59,633 59	316,54 23,250,13 15,83
F6H2A on the Allowed Min:	questionnaire) 000 Valid skip	Allowed Max:	995			1,097 59,633	WTI 316,54 23,250,13 15,83 23,582,51
F6H2A on the Allowed Min: 000 : 090 996 999	questionnaire) 000 Valid skip Not stated			Lenoth:	3	1,097 59,633 59	316,54 23,250,13 15,83
F6H2A on the Allowed Min: 000 : 090 096 099	questionnaire) 000 Valid skip Not stated	Position:	567	Length:	3	1,097 59,633 59	316,54 23,250,13 15,83
F6H2A on the Allowed Min: 000:090 096 099 Variable:	questionnaire) 000 Valid skip Not stated	Position:	567	Length:	3	1,097 59,633 59	316,54 23,250,13 15,83
F6H2A on the Allowed Min: 000 : 090 996 999 Variable:Overnight tri Allowed Min:	valid skip Not stated F6H2D ips (see question F6I	Position:	567 onnaire)	Length:	3	1,097 59,633 59 60,789	316,54 23,250,13 15,83 23,582,51
F6H2A on the Allowed Min: 000 : 090 996 999 Variable:Overnight tri Allowed Min:	valid skip Not stated F6H2D ips (see question F6I 000	Position:	567 onnaire)	Length:	3	1,097 59,633 59 60,789	316,54 23,250,13 15,83 23,582,51 WTI 188,25
F6H2A on the Allowed Min: 000 : 090 996 999 Variable:Overnight tri Allowed Min:	valid skip Not stated F6H2D ips (see question F6I 000	Position:	567 onnaire)	Length:	3	1,097 59,633 59 60,789 FREQ 634 60,120	316,54 23,250,13 15,83 23,582,51 WTI 188,25 23,385,28
F6H2A on the Allowed Min: 000:090 996 999 Variable:Overnight trallowed Min:	valid skip Not stated F6H2D ips (see question F6I 000	Position:	567 onnaire)	Length:	3	1,097 59,633 59 60,789	316,54 23,250,13 15,83 23,582,51 WT 188,25

May 30, 200	U	PUBLIC USE MICRO-DATA FILE					Page 98	
Variable:	F7H2B	Position:	570	Lanath:	2			
variable.	F/RZB	rosmon.	370	Length:	3			
	during 1996 die	d you hunt Other bir	ds?In you	r province or ten	ritory (se	e question F7F	I2A on the	
questionnaire) Allowed Min:	000	Allowed Max:	265					
Allowea Min:	000	Allowea Max:	365					
						FREQ	WTI	
000:104						701	197,23	
996	Valid ski	ip				59,967	23,355,02	
999	Not state	d				121	30,25	
						60,789	23,582,510	
Variable:	F7H2D	Position:	573	Length:	3			
Elsewhere in	Canada? (see qu	uestion F7H2B on th	e questionna	nire)				
Allowed Min:	000	Allowed Max:	365					
***************************************						FREQ	WTI	
000 : 050						377	108,17	
996	Valid ski					60,382	23,466,96	
999	Not state	d				30	7,37	
						60,789	23,582,51	
Variable:	F8H2B	Position:	576	Length;	6			
variable.	ronzb	Fosition,	370	Lengin.	0			
What was the to	tal amount of m	oney you personally	spent to hu	nt Other birds in	Canada	in 1996?Tra	nsportation	
see question F8	3H2A on the que	estionnaire)						
Allowed Min:	000000	Allowed Max:	999995					
						FREO	WTI	
000000 : 00046	7					1,059	314,458	
999996	Valid ski	ip				59,507	23,207,79	
999997		reported in other hu	nting type			83	24,583	
999999	Not state					140	35,68	

May 30, 2000)	PUBLIC US	SE MICRO	MICRO-DATA FILE				
Variable:	F8H2D	Position:	582	Length:	6			
, an move.								
Accommodation Allowed Min:	on (see question 000000	n F8H2B on the ques Allowed Max:	stionnaire) 999995					
						FREQ	WTI	
000000 : 000299	9					1,060	314,83	
999996	Valid ski	ip				59,507	23,207,79	
999997		reported in other hur	nting type			83	24,58	
999999	Not state		0 71			139	35,30	
						60,789	23,582,510	
Variable:	F8H2F	Position:	588	Length:	6			
Food (see que: Allowed Min:	000000	the questionnaire) Allowed Max:	999995					
						FREQ	WTI	
000000 : 000460	0					1,061	315,02	
999996	Valid ski	ip				59,507	23,207,79	
999997	Expense	reported in other hur	nting type			83	24,58	
999999	Not state	d				138	35,11	
						60,789	23,582,510	
Variable:	F8H2H	Position:	594	Length:	6	Til De		
Equipment pri Allowed Min:	imarily used for 000000	these activities Allowed Max:	(see que 999995	stion F8H2D or	n the que	stionnaire)		
						FREQ	WTI	
000000 : 00457	1					1,061	315,026	
999996	Valid ski	ip				59,507	23,207,79	
999997		reported in other hur	nting type			83	24,58	
999999	Not state		G JF			138	35,118	
						60,789	23,582,510	

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Variable:	F8H2J	Position:	600	Length:	6		
		H2E on the question					
Allowed Min:	000000	Allowed Max.	999995				
						FREQ	WT
000000 : 0016						1,061	315,02
999996	Valid sk					59,507	23,207,79
999997		reported in other h	unting type			83	24,58
999999	Not state	ed				138	35,11
						60,789	23,582,51
Variable:	F9H2	Position:	606	Length:	1		
Would you stil	ll have taken thes	se trips if your cost	had been more	?			
						FREQ	WT
1	Yes					813	237,43
2	No					349	99,15
6	Valid sk	ip				59,507	23,207,79
9	Not state					120	38,12
						60,789	23,582,51
Variable:	F10H2	Position:	607	Length:	3		
How much mo	ore would you ha	ve spent before dec	iding not to tak	te these trips in	1996?		
						FREQ	WTI
025	\$25.00					382	109,57
075	\$75.00					214	64,31
150	\$150.00					99	29,23
300	\$300.00					46	13,10
500	\$600.00					12	3,20
800	\$800.00					29	7,35
996	Valid sk	ip				59,856	23,306,94
999	Not state	•				151	48,78

Position: was this location Allowed Max:		Length:	4		
	9995	s) (see question I	F14H2AL1 o	n the que	estionnaire)
				REQ	WTI
				,125	328,82
			59	,507	23,207,79
				157	45,90
			60	,789	23,582,516
Position:	614	Length:	2		
			F	REQ	WTI
ınd				57	11,44
ard Island				18	1,34
1				96	17,42
vick				173	33,04
				320	114,23
				285	95,81
				49	8,26
an				56	12,880
				36	16,07
umbia				45	24,490
				19	42:
Territories				0	
nada				0	0.000.00
			59		23,207,790
				128	39,28
			60	,789	23,582,510
					59,507 128 ===================================

May 30, 2000 PUBLIC USE MICRO-DATA F.						FILE Pa		
Variable:	F15H2BL1	Position:	616	Length:	3			
In 1996 how ma	any same-day and o	vernight trips did	you take to t	his location to l	hunt Oth	er birds?Sam	e-day trips	
Allowed Min:	5H2AL1 on the qu 000	Allowed Max:	995					
200 200						FREQ	WTI	
000:080	37.31.4.4.4					926	265,93	
996	Valid skip					59,657	23,259,22	
999	Not stated					206	57,35	
						60,789	23,582,510	
Variable:	F15H2DL1	Position:	619	Length:	3			
	s (see question F15							
Allowed Min:	000	Allowed Max:	995					
						FREQ	WTI	
000 : 365						472	143,766	
996	Valid skip					60,111	23,381,394	
999	Not stated					206	57,350	
						60,789	23,582,510	
Variable:	F16H2L1	Position:	622	Length:	3			
How many days	in total did you hu	nt other birds at t	his 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	23,582,510	

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Variable:	F14H2BL2	Position:	625	Length:	4		
About how far the Allowed Min:	from your residence	was this location Allowed Max:	n? (kilometer 9995	rs) (see question	F14H2A	L2 on the que	stionnaire)
0000 : 1400 9996 9999	Valid skip Not stated					FREQ 184 60,579 26	WTI 57,31 23,516,84 8,35
						60,789	23,582,516
Variable:	FH2L2PRO	Position:	629	Length:	2		
Province/territo	ory of destination.						
						FREQ	WTI
10	New foundla					7	1,50
11	Prince Edwa					2	22
12	Nova Scotia					18	3,99
13	New Bruns	wick				35	7,26
24	Quebec					45	19,09
35	Ontario					53	16,76
46	Manitoba					10	1,66
47	Saskatchew	an				7	1,55
48	Alberta					6	2,70
59	British Col	umbia				10	6,06
60	Yukon					1	1
61	North West					0	
63	Outside Car	nada				0	00.515.04
96	Valid skip					60,579	23,516,84
99	Unknown					16	4,79
						60,789	23,582,51

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Variable:	F15H2BL2	Position:	631	Length:	3		
P LOT OLD CO.	113112002	1 osmon.	031	Lengin.	J		
	any same-day and o		d you take to	this location to h	unt Oth	er birds?Sam	ne-day trips
(see question F) Allowed Min:	15H2AL2 on the qu 000	iestionnaire) Allowed Max:	995				
mowed mm.	000	Allowed Max.	773				
						FREQ	WT
000:030						150	44,87
996	Valid skip					60,604	23,525,95
999	Not stated					35	11,69
						60,789	23,582,510
Variable:	F15H2DL2	Position:	634	Length:	3		
runiume.	FISHEDLE	1 osmon.	034	Lengin.	3		
	s (see question F1)			
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTI
000:010						82	25,30
996	Valid skip					60,672	23,545,51
999	Not stated					35	11,69
							22 502 51
						60,789	23,582,51
Variable:	F16H2L2	Position:	637	Length:	3		
How many days Allowed Min:	in total did you hu 000	ant other birds at Allowed Max:					
						FREQ	WTI
001:030						180	55,74
996	Valid skip					60,579	23,516,84
999	Not stated					30	9,92
							22 502 51
						60,789	23,582,510

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Variable:	F4H3	Position:	640	Length:	1		
					1		
In 1996, did y	ou hunt any small ga	me mammals w	ildlife in Cana	ada?			
						FREQ	WTI
1	Yes					838	230,45
2	No					2,722	765,233
6	Valid skip					57,229	22,586,83
						60,789	23,582,51
Variable:	F5H3	Position:	641	Length:	1		
Did you harve	st any small game m	ammals wildlife	?				
						FREQ	WTI
1	Yes					550	142,03
2	No					206	66,72
6	Valid skip					59,951	23,352,06
9	Not stated					82	21,69
						60,789	23,582,51
Variable:	F6H3B	Position:	642	Length:	3		
	nany same-day and o		d you take to	hunt Small gam	e mamma	als?Same-da	y trips (see
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTI
000 : 200						711	195,996
996	Valid skip					60,027	23,372,24
999	Not stated					51	14,27
						60,789	23,582,510

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1/ L. I	ECHAD	Desiries	(45	f	2		
Variable:	F6H3D	Position:	645	Length:	3		
	s (see question F6						
Allowed Min:	000	Allowed Max:	995				
						FREQ	WT
000:028						368	99,06
996	Valid skip					60,398	23,478,02
999	Not stated					23	5,42
						60,789	23,582,51
Variable:	F7H3B	Position:	648	Length:	3		
How many days	during 1996 did ye	ou hunt Small as	ime mammali	2 In your prov	ince or t	erritory (see a	uestion
F7H3A on the		ou nam Sman go	inic maniman	s:III your pro-	rince or t	erritory (see q	destion
Allowed Min:	000	Allowed Max:	365				
						FREQ	WT
000:365						774	213,61
996	Valid skip					59,955	23,352,51
999	Not stated					60	16,38
						60,789	23,582,51
Variable:	F7H3D	Position:	651	Length:	3		
Elsawhere in	Canada? (see quest	ion F7H3B on th	ne questionna	ra)			
Allowed Min:	000	Allowed Max:		ile)			
						FREQ	WT
000 : 025						257	67,90
996	Valid skip					60,513	23,508,23
999	Not stated					19	6,38
						60,789	23,582,51

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Variable:	F8H3B	Position:	654	Length:	6			
		oney you personally stion F8H3A on the Allowed Max:			ammals	in Canada in		
						FREQ	WTD	
000000 : 00041	8					644	183,617	
999996	Valid ski	p				59,951	23,352,064	
999997		reported in other hu	nting type			93	22,850	
999999	Not state	d				101	23,986	
						60,789	23,582,516	
Vari able :	F8H3D	Position:	660	Length:	6			
A	: (F0112D 4b	-ti					
Allowed Min:	000000	Allowed Max:	999995					
						FREQ	WTI	
000000 : 00105	0					643	183,42	
999996	Valid ski	p				59,951	23,352,064	
999997		reported in other hu	nting type			93	22,850	
999999	Not state					102	24,17:	
						60,789	23,582,510	
							16.00	
Variable:	F8H3F	Position:	666	Length:	6			
Food (see qu	estion F8H3C on	the questionnaire)						
Allowed Min:	000000	Allowed Max:	999995					
						FREQ	WTI	
000000:00210						644	183,611	
999996	Valid ski					59,951	23,352,064	
999997		reported in other hu	nting type			93	22,850	
999999	Not state	(1				101	23,986	
						60,789	23,582,516	

May 30, 200	30	PUBLIC	USE WITCH	O-DATA FI	LE		Page 108
Variable:	F8H3H	Position:	672	Length:	6		
rurubic.	1 011311	r osmon.	072	Lengin.	0		
Equipment p	rimarily used for	these activities (se		H3D on the que	stionnair	re)	
Allowed Min:	000000	Allowed Max	999995				
						FREQ	WTI
000000:0350	00					644	183,61
999996	Valid sk	ip				59,951	23,352,06
999997		reported in other h	unting type			93	22,85
999999	Not state		0 31			101	23,98
						60,789	23,582,510
Variable:	F8H3J	Position:	678	Length:	6		
Otheritema	(and question EQ	U2E on the questio	mm aima)				
Allowed Min:	000000	H3E on the question Allowed Max					
mowea min.	000000	Allowed Max.	. 777773				
						FREQ	WTI
000000 : 0010						644	183,61
999996	Valid sk					59,951	23,352,06
999997		reported in other h	unting type			93	22,85
999999	Not state	ed				101	23,98
						60,789	23,582,510
Variable:	F9H3	Position:	684	Length:	1		
Would you stil	l have taken thes	e trips if your cost	had been more	?			
						FREQ	WTI
	Yes					540	145,83
2	No					218	62,36
5	Valid sk	in				59,951	23,352,06
)	Not state					80	22,25
						60,789	23,582,510

May 30, 200	00	PUBLIC US	E MICR	O-DATA FI	LE		Page 109
Variable:	F10H3	Position:	685	Length:	3		
How much mo	re would you have s	pent before decidir	ng not to ta	ke these trips in	1996?		
						FREQ	WTD
025	\$25.00					295	78,912
075	\$75.00					126	33,71:
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 Allowed Min:	from your residence	was this location? Allowed Max:	(Kilomet 9995	ers) - (see quest	ion F14H3	ALI on the c	questionnaire)
						FREQ	WTD
0000 : 2000						700	191,242
9996	Valid skip					59,951	23,352,064
7770	Not stated					138	39,210
9999	1.00						

of destination. Newfoundland Prince Edward Nova Scotia New Brunswid Quebec Ontario Manitoba	d Island	692	Length:	2 F	REQ 114 9	WTI 19,81 70
Newfoundland Prince Edward Nova Scotia New Brunswid Quebec Ontario Manitoba	d Island			F	114	19,81
Newfoundland Prince Edward Nova Scotia New Brunswid Quebec Ontario Manitoba	d Island			F	114	19,81
Prince Edward Nova Scotia New Brunswid Quebec Ontario Manitoba	d Island			F	114	19,81
Prince Edward Nova Scotia New Brunswid Quebec Ontario Manitoba	d Island				9	
Nova Scotia New Brunswid Quebec Ontario Manitoba						70
New Brunswic Quebec Ontario Manitoba	ck					0.000
Quebec Ontario Manitoba	ck				148	25,79
Ontario Manitoba					66	12,41
Manitoba					181	66,59
					136	54,32
					24	4,10
Saskatchewan					19	4,18
Alberta					18	7,54
	nbia				_	3,33
					11	22
					1	10
	la					
				59		23,352,06
Unknown					105	31,30
				60	0,789	23,582.51
F15H3BL1	Position:	694	Lenoth.	3		
-day trips (see ques	stion F15HAL	l on the ques		n to hunt Sma	ill game	
				E	REO	WTI
					-	163,55
Valid skip				60		23,372,05
Not stated				00	169	46,91
				60	0,789	23,582,51
)	British Colun Yukon North West Tr Outside Canad Valid skip Unknown F15H3BL1 many same-day and-day trips (see question) Valid skip	British Columbia Yukon North West Territories Outside Canada Valid skip Unknown F15H3BL1 Position: many same-day and overnight tri-day trips (see question F15HAL 000 Allowed Max: Valid skip	British Columbia Yukon North West Territories Outside Canada Valid skip Unknown F15H3BL1 Position: 694 many same-day and overnight trips did you ta -day trips (see question F15HAL1 on the ques 000 Allowed Max: 995 Valid skip	British Columbia Yukon North West Territories Outside Canada Valid skip Unknown F15H3BL1 Position: 694 Length: many same-day and overnight trips did you take to this locatio-day trips (see question F15HAL1 on the questionnaire) 000 Allowed Max: 995 Valid skip	British Columbia Yukon North West Territories Outside Canada Valid skip Unknown F15H3BL1 Position: 694 Length: 3 many same-day and overnight trips did you take to this location to hunt Smarday trips (see question F15HAL1 on the questionnaire) 000 Allowed Max: 995 F Valid skip Not stated	British Columbia Yukon North West Territories Outside Canada Valid skip Unknown F15H3BL1 Position: 694 Length: 3 many same-day and overnight trips did you take to this location to hunt Small game day trips (see question F15HAL1 on the questionnaire) Allowed Max: 995 FREQ 603 Valid skip 60,017

	PUBLIC US	Page 111				
F15H3DL1	Position:	697	Length:	3		
(see question F15	HBL1 on the que	stionnaire)				
000	Allowed Max:	995				
					FREQ	WTD
					273	76,452
Valid skip					60,347	23,459,151
Not stated					169	46,914
					60,789	23,582,510
F16H3L1	Position:	700	Length:	3		
in total did you hi	unt small game ma	ammals at th	is location?			
000	Allowed Max:	365				
					FREQ	WTI
					651	177,158
Valid skip					59,951	23,352,06
Not stated					187	53,294
					60,789	23,582,516
F14H3RL 2	Position	703	I onath	4		
om your residence 0000	was this location Allowed Max:	? ((Kilome: 9995	ers) - (see ques	tion F14	H3AL2 on the	questionnaire)
					FREQ	WTI
						29,385
					,	23,547,400
Not stated					14	5,724
					60,789	23,582,510
	F15H3DL1 s (see question F15 000) Valid skip Not stated F16H3L1 in total did you be 000 Valid skip Not stated	F15H3DL1 Position: s (see question F15HBL1 on the question) Valid skip Not stated F16H3L1 Position: in total did you hunt small game mand Allowed Max: Valid skip Not stated F14H3BL2 Position: rom your residence was this location allowed Max: Valid skip Not stated	F15H3DL1 Position: 697 s (see question F15HBL1 on the questionnaire) 000 Allowed Max: 995 Valid skip Not stated F16H3L1 Position: 700 in total did you hunt small game mammals at the 000 Allowed Max: 365 Valid skip Not stated F14H3BL2 Position: 703 rom your residence was this location? ((Kilomet 0000 Allowed Max: 9995)	F15H3DL1 Position: 697 Length: 8 (see question F15HBL1 on the questionnaire) 000 Allowed Max: 995 Valid skip Not stated F16H3L1 Position: 700 Length: in total did you hunt small game mammals at this location? 000 Allowed Max: 365 Valid skip Not stated F14H3BL2 Position: 703 Length: rom your residence was this location? ((Kilometers) - (see quest 0000 Allowed Max: 9995	F15H3DL1 Position: 697 Length: 3 s (see question F15HBL1 on the questionnaire) 000 Allowed Max: 995 Valid skip Not stated F16H3L1 Position: 700 Length: 3 in total did you hunt small game mammals at this location? 000 Allowed Max: 365 Valid skip Not stated F14H3BL2 Position: 703 Length: 4 rom your residence was this location? ((Kilometers) - (see question F14: 0000 Allowed Max: 9995	F15H3DL1 Position: 697 Length: 3 s (see question F15HBL1 on the questionnaire) 000 Allowed Max: 995 Valid skip

May 30, 200)()	PUBLIC US	SE WITCH	O-DATA FI	LE	Page 112
Variable:	FH3L2PRO	Position:	707	Length:	2	
Province/territ	ory of destination.					
	,					
					FREQ	WTI
10	Newfound				9	1,81
11	Prince Edv				0	
12	Nova Scot				28	5,65
13	New Bruns	swick			11	2,32
24	Quebec				23	10,97
35	Ontario				13	4,76
46	Manitoba				2	550
47	Saskatchev	van			5	1,22
48	Alberta				5	2,510
59	British Co	lumbia			1	540
60	Yukon				0	
51		t Territories			0	
63 96	Outside Ca	mada			0	22.547.40
99	Valid skip Unknown				60,681	23,547,400
99	Unknown				11 ======	4,74
					60,789	23,582,510
Variable:	F15H3BL2	Position:	700	Longth	2	
variable:	FISHSBLZ	Position:	709	Length:	3	
During 1996 homammals?Sa Allowed Min:	ow many same-day ime-day trips (see c 000	and overnight trip juestion F15H3AL Allowed Max:	s did you ta 2 on the que 995	ke to this locatio estionnaire)	n to hunt Small game	
					FREQ	WTE
001:080					80	24,934
996	Valid skip				60,688	23,550,082
999	Not stated				21	7,500
					60,789	23,582,51

May 30, 200	00	PUBLIC U	ISE MICR	O-DATA FI	LE		Page 113
Variable:	F15H3DL2	Position:	712	Length:	3		
Overnight tri Allowed Min:	ips (see question F15 000	5H3BL2 on the of Allowed Max:					
						FREQ	WTI
000:005						36	11,23
996	Valid skip					60,732	23,563,78
999	Not stated					21	7,50
						60,789	23,582,51
9 11 1							
Variable:	F16H3L2	Position:	715	Length:	3		
How many day Allowed Min:	ys in total did you hu 000	int small game n Allowed Max:		is location?			
						FREQ	WT
001:030						93	29,26
996	Valid skip					60,681	23,547,40
999	Not stated					15	5,84
						60,789	23,582,51
Variable:	F4H4	Position:	718	Length:	1		
rariable.	14114	I Osmon.	710	Lengin.	1		
Did you hunt a	nny large game mam	mals in Canada	in 1996?				
	3/					FREQ	WTI
1	Yes					2,557	720,60
2 6	Valid skip					1,003 57,229	275,08 22,586,83
U	v and skip					31,229	22,360,63
						60,789	23,582,51

May 30, 200	00	PUBLIC U	Page 114				
Variable:	F5H4	Position:	719	Length:	1		
Did you harves	st any large game ma	ammals?					
	, 0						
						FREQ	WTI
1	Yes					1,104	302,79
2	No					1,212	349,27
6	Valid skip					58,232	22,861,91
9	Not stated					241	68,53
						60,789	23,582,51
Variable:	F6H4B	Position:	720	Length:	3		
In 1996 how m	any same-day and o	vernight trips did	l you take to	hunt Large gam	e mamm	als? Same-da	ay trips (see
	any same-day and o A on the questionna		d you take to	hunt Large gam	e mamm	als?Same-da	ay trips (see
question F6H4			d you take to 995	hunt Large gam	e mamm	als?Same-da	ay trips (see
question F6H4	A on the questionna	ire)		hunt Large gam	e mamm		ay trips (see
question F6H4 Allowed Min:	A on the questionna	ire)		hunt Large gam	e mamm	als?Same-da FREQ 1,834	
question F6H4 Allowed Min: 000 : 200	A on the questionna	ire)		hunt Large gam	e mamm	FREQ	WT) 509,51
question F6H4 Allowed Min: 000 : 200	A on the questionna 000	ire)		hunt Large gam	e mamm	FREQ 1,834	WT
	A on the questionna 000 Valid skip	ire)		hunt Large gam	e mamm	FREQ 1,834 58,864	WT) 509,51 23,050,49
question F6H4 Allowed Min: 000 : 200	A on the questionna 000 Valid skip	ire)		hunt Large gam	e mamm	FREQ 1,834 58,864 91	WT) 509,51 23,050,49 22,50
question F6H4 Allowed Min: 000 : 200 996 999	A on the questionna 000 Valid skip Not stated	ire) Allowed Max: Position:	723			FREQ 1,834 58,864 91	WT) 509,51 23,050,49 22,50
question F6H4 Allowed Min: 000 : 200 996 999 Variable:Overnight tri	A on the questionna 000 Valid skip Not stated F6H4D ps (see question F6F	Position:	995 723 ionnaire)			FREQ 1,834 58,864 91	WT) 509,51 23,050,49 22,50
question F6H4 Allowed Min: 000 : 200 996 999 Variable:	A on the questionna 000 Valid skip Not stated	ire) Allowed Max: Position:	723			FREQ 1,834 58,864 91 60,789	WT) 509,51 23,050,49 22,50 23,582,51
question F6H4 Allowed Min: 000 : 200 996 999 Variable: Overnight tri Allowed Min:	A on the questionna 000 Valid skip Not stated F6H4D ps (see question F6F	Position:	995 723 ionnaire)			FREQ 1,834 58,864 91 60,789	WT) 509,51 23,050,49 22,50 23,582,51
question F6H4 Allowed Min: 000 : 200 996 999 Variable:Overnight tri Allowed Min:	Valid skip Not stated F6H4D ps (see question F6F 000	Position:	995 723 ionnaire)			FREQ 1,834 58,864 91 60,789	WTI 509,51 23,050,49 22,50 23,582,51 WTI 500,94
question F6H4 Allowed Min: 000 : 200 996 999 Variable:Overnight tri Allowed Min: 000 : 028	Valid skip Not stated F6H4D ps (see question F6F 000)	Position:	995 723 ionnaire)			FREQ 1,834 58,864 91 ===================================	WTI 509,51 23,050,49 22,50 23,582,51 WTI 500,94 23,053,82
question F6H4 Allowed Min: 000 : 200 996 999 Variable:Overnight tri Allowed Min:	Valid skip Not stated F6H4D ps (see question F6F 000	Position:	995 723 ionnaire)			FREQ 1,834 58,864 91 60,789	WT: 509,51 23,050,49 22,50 23,582,51 WT: 500,94

)	PUBLIC US	E MICR	O-DATA FI	LE		Page 11:
Variable:	F7H4B	Position:	726	Length:	3		
	during 1996 did ye	ou hunt Large gan	ne mammals	s?In your prov	ince or t	erritory (see que	estion F7H4A
on the questionr							
Allowed Min:	000	Allowed Max:	365				
						FREQ	WT
000:354						2,393	675,11
996	Valid skip					58,249	22,867,35
999	Not stated					147	40,05
						60,789	23,582,51
Variable:	F7H4D	Position:	729	Length:	3		
Elsewhere in (Canada? (see quest	ion F7H4B on the	questionna	ire)			
Allowed Min:	000	Allowed Max:	365				
						FREQ	WT
000:017						811	226,13
996	Valid skip					59,922	23,341,29
)99	Not stated					56	15,09
						60,789	23,582,51
Variable:	F8H4B	Position:	732	Length:	6		
	tal amount of mon				ammals	in Canada in	
1996?Transpo Allowed Min:	rtation (see question 000000	on F8H4A on the of Allowed Max:	questionnair 999995	re)			
						FREQ	WT
000000 : 01500	0					2,283	646,46
999996	Valid skip					58,232	22,861,91
		orted in other hur	iting type			13	3,85
	muhomo tol	or to a mount has	P. Jhe				
999997	Not stated					261	70,28

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Variable:	F8H4D	Position:	738	Length:	6		
rariable.	1.01141	Tosinon.	738	Lengin,	0		
Accommodatio Allowed Min:	n (see question 000000	n F8H4B on the ques Allowed Max:	stionnaire) 999995				
						FREQ	WTD
000000 : 002200						2,283	646,460
999996 999997	Valid sk					58,232	22,861,915
999999	Not state	reported in other hu	nting type			13 261	3,858 70,282
	. 100 0000						
						60,789	23,582,516
Variable:	F8H4F	Position:	744	Length:	6		
Food (see quest	ion F8H4C on	the questionnaire)					
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTD
000000:001000						2,283	646,460
999996	Valid ski					58,232	22,861,915
999997	Expense Not state	reported in other hu	nting type			13	3,858
999999	Not state	ď				261	70,282
						60,789	23,582,516
Variable:	F8H4H	Position:	750	Length:	6		
		these activities (see		4D on the ques	tionnair	e)	
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTD
000000 : 042000	37 41 4 4 4					2,283	646,460
999996 999997	Valid ski		mtime to me			58,232 13	22,861,915
999997	Not state	reported in other hu	nung type			261	3,858 70,282
						60,789	23,582,516

		I CDLIC (JOE MICK	O-DATA FI			Page 117
Variable:	F8H4J	Position:	756	Length:	6		
Other items Allowed Min:	(see question F8H4 000000	E on the question Allowed Max.					
						FREQ	WTI
000000 : 0150	000					2,282	645,92
999996	Valid skip					58,232	22,861,91
999997		eported in other h	unting type			13	3,85
999999	Not stated					262	70,81
						60,789	23,582,510
Variable:	F9H4	Position:	762	Length:	1		
Would you sti	ill have taken these	trips if your cost	had been more	?			
						FREQ	WTI
1	Yes					1,784	513,60
2	No					583	156,74
6	Valid skip Not stated					58,232 190	22,861,91
6	Valid skip					58,232	22,861,91 50,25
Variable:	Valid skip		763	Length:	3	58,232 190	22,861,91: 50,25: 23,582,510
Variable:	Valid skip Not stated	Position:				58,232 190	22,861,91
Variable:	Valid skip Not stated	Position:				58,232 190 ====== 60,789	22,861,91 50,25 23,582,51
Variable:	Valid skip Not stated F10H4 ore would you have	Position:				58,232 190 ———— 60,789	22,861,91 50,25 23,582,51
Variable: How much mo	Valid skip Not stated F10H4 ore would you have	Position:				58,232 190 ———————————————————————————————————	22,861,91 50,25 23,582,51 WTI 115,81
Variable: How much mo	Valid skip Not stated F10H4 ore would you have \$25.00 \$75.00	Position:				58,232 190 ———————————————————————————————————	22,861,91 50,25 23,582,51 WTI 115,81 128,83
Variable: How much mo	F10H4 ore would you have \$25.00 \$75.00 \$150.00	Position:				58,232 190 ———————————————————————————————————	22,861,91 50,25 23,582,51 WTI 115,81 128,83 115,66
Variable: How much mo	Valid skip Not stated F10H4 ore would you have \$25.00 \$75.00 \$150.00 \$300.00	Position:				58,232 190 ———————————————————————————————————	22,861,91 50,25 23,582,51 WTi 115,81 128,83 115,66 71,86
Variable: How much mo	Valid skip Not stated F10H4 ore would you have \$25.00 \$75.00 \$150.00 \$300.00 \$600.00	Position:				58,232 190 ———————————————————————————————————	22,861,91 50,25 23,582,51 23,582,51 115,81 128,83 115,66 71,86 24,81
Variable: How much mo	Valid skip Not stated F10H4 ore would you have \$25.00 \$75.00 \$150.00 \$300.00 \$600.00 \$800.00	Position:				58,232 190 ———————————————————————————————————	22,861,91 50,25 23,582,51 23,582,51 115,81 128,83 115,66 71,86 24,81 39,71
Variable:	Valid skip Not stated F10H4 ore would you have \$25.00 \$75.00 \$150.00 \$300.00 \$600.00	Position:				58,232 190 ———————————————————————————————————	22,861,91 50,25 23,582,51 WT1 115,81

May 30, 200	U	PUBLIC (JSE WIICK	O-DATA FI	LE		Page 118
Variable:	F14H4BL1	Position:	766	Length:	4		
About how far the Allowed Min:	from your residence	ee was this location		rs) - (see questio	on F14H	4AL1 on the qu	uestionnaire)
						FREQ	WT
0000 : 2200						2,215	627,16
9996	Valid skip					58,232	22,861,91
9999	Not stated					342	93,43
						60,789	23,582,51
Variable:	FH4L1PRO	Position:	770	Length:	2		
Province/territo	ry of destination.						
						FREQ	WTI
10	Newfound					222	39,93
11	Prince Edv					0	
12	Nova Scoti	ia				232	36,70
13 ·	New Bruns	swick				257	45,33
24	Quebec					469	173,94
35	Ontario					436	153,87
46	Manitoba					167	27,17
47	Saskatchev	van				153	35,53
48	Alberta					115	49,05
59	British Co	lumbia				134	68,33
60	Yukon					62	1,25
61		t Territories				1	1
63	Outside Ca	ınada				0	
96	Valid skip					58,232	22,861,91
99	Unknown					309	89,44
						60,789	23,582,51

May 30, 2000)	PUBLIC US	SE MICR	O-DATA FI	LE		Page 119
Variable:	F15H4BL1	Position:	772	Length:	3		
	w many same-day :				n to hun	t Large game	
mammals?Sar Allowed Min:	me-day trips (see qu 000	allowed Max:	on the que	estionnaire)			
						FREQ	WTI
000:200						1,495	417,29
996	Valid skip					58,894	23,051,91
999	Not stated					400	113,30
						60,789	23,582,516
Variable:	F15H4DL1	Position:	775	Length:	3		
Overnight trip Allowed Min:	s (see question F15	SH4BLI on the quality Allowed Max:	estionnaire) 995				
						FREQ	WTI
000:030						1,410	397,100
996	Valid skip					58,979	23,072,10
999	Not stated					400	113,304
						60,789	23,582,510
Variable:	F16H4L1	Position:	778	Length:	3		THE
How many days	in total did you hu	nt large game ma	mmals at thi	is location?			
Allowed Min:	000	Allowed Max:	365				
						FREQ	WTD
001:113						1,697	466,69
996	Valid skip					58,232	22,861,91
999	Not stated					860	253,90
						60,789	23,582,51

				O-DATA FI	MAL)		Page 12
Variable:	F14H4BL2	Position:	781	Length:	4		
About how far fi Allowed Min:	rom your residence	was this locati		rs) - (see questio	on F14H	4AL2 on the q	uestionnaire)
						FREQ	WT
0000 : 3000						466	143,98
9996	Valid skip					60,280	23,423,25
9999	Not stated					43	15,26
						60,789	23,582,51
Variable:	FH4L2PRO	Position:	785	Length:	2		
Province/territor	y of destination.						
						FREQ	WT
10	Newfoundla					18	3,52
11	Prince Edw					1	7
12	Nova Scotia					59	10,85
13	New Bruns	wick				52	9,42
24	Quebec					68	25,92
35	Ontario					94	36,43
46	Manitoba					32	4,86
47	Saskatchew	an				48	11,59
48	Alberta					33	14,77
59	British Col	umbia				54	27,86
60	Yukon					11	22
61	North West					1	1
63	Outside Car	nada				0	22 422 25
96	Valid skip					60,280	23,423,25
99	Unknown					38	13,69
						60,789	23,582,51

)	PUBLIC US	E WIICK	O-DATA FI	LE		Page 12
F15H4BL2	Position:	787	Length:	3		
	A i - ba ani-	. 87.4 4.1			¥	
				n to hun	t Large game	
000	Allowed Max:	995	3110111111110)			
					FREQ	WT
					295	90,75
Valid skip					60,442	23,475,69
Not stated					52	16,06
					60,789	23,582,51
F15H4DL2	Position:	790	Length:	3		
s (see question F1	5H4BL2 on the gr	aestionnaire)			
000	Allowed Max:	995				
					FREQ	WT
					286	90,35
Valid skip					60,451	23,476,09
Not stated					52	16,06
					60,789	23,582,51
F16H4L2	Position:	793	Length:	3		
in total did you hu	nt large game ma	mmals at th	is location?			
000	Allowed Max:	365				
					FREQ	WT
					460	142,49
						23,423,25
Not stated					49	16,76
					60,789	23,582,51
	w many same-day ane-day trips (see question Flood) Valid skip Not stated F15H4DL2 s (see question Flood) Valid skip Not stated	F15H4BL2 Position: w many same-day and overnight trip: ne-day trips (see question F15H4AL: 000 Allowed Max: Valid skip Not stated F15H4DL2 Position: s (see question F15H4BL2 on the question of the property of the proper	w many same-day and overnight trips did you tal ne-day trips (see question F15H4AL2 on the que 000 Allowed Max: 995 Valid skip Not stated F15H4DL2 Position: 790 S (see question F15H4BL2 on the questionnaire 000 Allowed Max: 995 Valid skip Not stated F16H4L2 Position: 793 S in total did you hunt large game mammals at the 000 Allowed Max: 365 Valid skip	F15H4BL2 Position: 787 Length: w many same-day and overnight trips did you take to this location me-day trips (see question F15H4AL2 on the questionnaire) 000 Allowed Max: 995 Valid skip Not stated F15H4DL2 Position: 790 Length: s (see question F15H4BL2 on the questionnaire) 000 Allowed Max: 995 Valid skip Not stated F16H4L2 Position: 793 Length: s in total did you hunt large game mammals at this location? 000 Allowed Max: 365 Valid skip Not skip	w many same-day and overnight trips did you take to this location to hum me-day trips (see question F15H4AL2 on the questionnaire) Not stated F15H4DL2 Position: 790 Length: 3 S (see question F15H4BL2 on the questionnaire) Not stated F16H4L2 Position: 793 Length: 3 Valid skip Not stated F16H4L2 Position: 793 Length: 3 S in total did you hunt large game mammals at this location? Not skip Not stated	w many same-day and overnight trips did you take to this location to hunt Large game ne-day trips (see question F15H4AL2 on the questionnaire) Valid skip Not stated FISHADL2 Position: 790 Length: 3 FREQ 295 60,442 60,789 FISHADL2 Position: 790 Length: 3 FREQ 286 60,451 Not stated FREQ 286 60,451 S2 60,789 FIGHAL2 Position: 793 Length: 3 FREQ 286 60,451 S2 60,789 FREQ 286 FREQ 286 FREQ 286 FREQ 286 FREQ 286 60,451 S2 60,789 FREQ 286 FREQ 286 FREQ 286 FREQ 286 FREQ 286 60,451 S2 FREQ 460 Valid skip Not stated FREQ 460 Valid skip Valid skip Valid skip Not stated FREQ 460 Valid skip Valid skip Valid skip Valid skip Valid skip

May 30, 200	0	PUBLIC USE MICRO-DATA FILE					Page 122	
Variable:	G1	Position:	796	Length:	1			
	u take any same-da oh or study wildlife		s to the Unite	ed States for wh	nich the	main reason wa	is to watch,	
						FREQ	WTI	
1	Yes No					743 60,046	331,22 23,251,29	
	140					======	=======================================	
						60,789	23,582,510	
Variable:	G2	Position:	797	Length:	3			
On how many d Allowed Min:	lays did you watch,	, feed, photograph Allowed Max:	or study wild	llife while on th	nese trips	s?		
						FREO	WT	
001:365						664	298,33	
996	Valid skip					60.046	23,251,29	
999	Not stated					79	32,88	
						60,789	23,582,510	
Variable:	G4B	Position:	800	Length:	6			
	otal amount of mon Jnited States in 199 n) 000000							
						FREQ	WTI	
000000 : 00500	10					599	274,50	
99996	Valid skip					60,046	23,251,29	
	Not stated					144	56,71	
99999								

May 30, 200	0	PUBLIC USE MICRO-DATA FILE					Page 123
Variable:	G5	Position:	806	Length:	1		
In 1996, did yo	u fish for recreation	in the United Stat	tes?				
						EDEO	WTT
,	Vac					FREQ 407	WTI 141,87
2	Yes No					60,382	23,440,63
5	Valid skip					00,502	23,440,03
9	Not stated					0	
						60,789	23,582,510
					74	To Hall	
Variable:	G6	Position:	807	Length:	3		
On how many o	days did you fish fo	r recreation in the	United States	s?			
Allowed Min:	001	Allowed Max:	365				
						FREQ	WTI
001:081						266	85,429
996	Valid skip					60,382	23,440,639
999	Not stated					141	56,44
						60,789	23,582,510
Variable:	G8B	Position:	810	Length:	6		
rariable.	God	rosmon.	610	Lengin.	0		
	otal amount of mon						1996?(in
Canadian dolla Allowed Min:	rs - all U. S dollars 000000	reported were con Allowed Max:	999995	00 U.S.= \$1.364	4 Canad	ian)	
						FREQ	WTI
000000:01800						283	95,12
999996	Valid skip					60,382	23,440,639
99999	Not stated					124	46,75
						60,789	23,582,51

Page 12							
		1	Length:	816	Position:	Н1	Variable:
laries and all	om wages, sala	eceived fr	e income you re	ctions? (Includ	ncome before dedu anges provided)	was your total i	In 1996, what other sources)
WTI	FREQ						
2,427,13	6,181				ome	No Inc	1
2,029,61	5,510				an \$5,000		2
2,493,31	6,808				to \$9,999		3
4,187,91	11,123				0 to \$19,999		4
3,394,23	8,556				0 to \$29,999		5
2,327,99	5,675				0 to \$39,999		6
1,449,60	3,518				0 to \$49,999		7
2,200,18	5,181				or more		8
3,072,52	8,237					Not sta	9
23,582,51	60,789						
WTI 19,944,09	FREQ 51,621 9,168	, A5A, A5	Length: AIC, AID,A3,	817 la.(A1A, A1B	Position:	DV1 n nature - relate Yes No	1
WTI	FREQ 51,621	l , A5A, A5				n nature - related Yes	
WTI 19,944,09 3,638,42	FREQ 51,621 9,168	, A5A, A5				n nature - related Yes	Participation in
WTI 19,944,09 3,638,42	FREQ 51,621 9,168	1	A1C, A1D,A3, Length:	la.(A1A, A1B	l activities in Cana	Yes No	Participation in 1 2 Variable:
WTI 19,944,09 3,638,42 23,582,51	FREQ 51,621 9,168 ====================================	1	A1C, A1D,A3, Length:	la.(A1A, A1B	l activities in Canad	Yes No DV2	Participation in 1 2 Variable:
WTI 19,944,09 3,638,42 23,582,51	FREQ 51,621 9,168 ====================================	1	A1C, A1D,A3, Length:	la.(A1A, A1B	l activities in Canad	Yes No DV2 A direct nature -	Participation in 2 Variable: Participation in
WTI 19,944,09 3,638,42 23,582,51	FREQ 51,621 9,168 ====================================	1	A1C, A1D,A3, Length:	la.(A1A, A1B	l activities in Canad	Yes No DV2	Participation in 1 2 Variable:

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 125
Variable:	DV3	Position:	819	Length:	1		
Participation i	n any indirect nat	ure - related activit	ies in Canada	(A1A, A1B, A1	C or A1I	0)	
						FREQ	WTD
2	Yes No					44,985 15,804	17,562,026 6,020,490
la l	140						
						60,789	23,582,516
					1		
Variable:	DV4	Position:	820	Length:			
Participation t	hrough maintaini Yes	Position: ng, restoring, or pu			.(A5A o	FREQ 2,190	760,107
Participation t	hrough maintaini				i.(A5A oi	FREQ	WTD 760,107 22,822,409
Variable: Participation t 1 2	hrough maintaini Yes				.(A5A o	FREQ 2,190 58,599	760,107
Participation t	hrough maintaini Yes				1.(A5A or	FREQ 2,190 58,599	760,107 22,822,409
Participation t 1 2 Variable:	hrough maintaining Yes No DV5	ng, restoring, or pu	rchasing land 821	for conservation Length:	1 a second	FREQ 2,190 58,599 60,789 60,789	760,107 22,822,409 23,582,516
Participation t 1 2 Variable:	hrough maintaining Yes No DV5 n trips for activiting B15L1B, B15L	Position:	rchasing land 821	for conservation Length:	1 a second	FREQ 2,190 58,599 60,789 60,789 for L3C, B15L4A FREQ	760,107 22,822,409 23,582,516 , B15L4B or B1
Participation t 1 2 Variable:	hrough maintaining Yes No DV5	Position:	rchasing land 821	for conservation Length:	1 a second	FREQ 2,190 58,599 60,789 60,789	760,107 22,822,409 23,582,516

		PUBLIC I	Page 126				
Variable:	DV6	Position:	822	Length:	1		
		related activities in 15L4A, B15L4B, E			B15L1C	, B15L2A, B15	5L2B, B15L2C,
						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		
		activities in Canad	a.(B15L1A, E	B15L1C, B15L2/	A. B15I	.2C, B15L3A,	B15L3C, B15L4
	Yes	activities in Canad	a.(B15L1A, E	B15L1C, B15L2,	A. B15I	.2C, B15L3A, FREQ 30,237	B15L3C, B15L4 WTD 11,015,262
B15L4C, C1, E	Plor F1)	activities in Canad	a.(B15L1A, E	815L1C, B15L2/	A, B15I	FREQ	WTD
Participation in B15L4C, C1, E 1	Yes	activities in Canad	a.(B15L1A, E	815L1C, B15L27	A, B15I	FREQ 30,237 30,552	WTD 11,015,262 12,567,254
B15L4C, C1, E	Yes	activities in Canad	a.(B15L1A, E	BI5LIG, BI5L2/ Length:	1	FREQ 30,237 30,552	WTD 11,015,262 12,567,254
B15L4C, C1, D	Yes No				1	FREQ 30,237 30,552	WTD 11,015,262 12,567,254
B15L4C, C1, D 1 2 Variable:	Yes No DV8		824	Length:	1	FREQ 30,237 30,552 ===================================	WTD 11,015,262 12,567,254 ====================================
B15L4C, C1, D 1 2 Variable:	Yes No DV8	Position:	824	Length:	1	FREQ 30,237 30,552 ===================================	WTD 11,015,262 12,567,254 ====================================
B15L4C, C1, D 1 2 Variable: Participation in	Yes No DV8 non-consumptive	Position:	824	Length:	1	FREQ 30,237 30,552 ===================================	WTD 11,015,262 12,567,254 ====================================
B15L4C, C1, D 1 2 Variable:	Yes No DV8	Position:	824	Length:	1	FREQ 30,237 30,552 ===================================	WTD 11,015,262 12,567,254 ==

May 30, 20	00	PUBLIC U	USE MICE	RO-DATA FI		Page 127	
Variable:	DV9	Position:	825	Length:	1		
		sh & wildlife-relate	d activities in	Canada.(B15L1	B, B15L	1C, B15L2B, I	B15L2C, B15L3
B15L3C, B15	L4B, B15L4C, E	lorFl)					
1 2	Yes No					FREQ 13,055 47,734	WTD 4,522,820 19,059,697
						60,789	23,582,516
Variable:	DV10	Position:	826	Length:	1		
		ve wildlife-related a B15AL3 or B15A		main or seconda	ry reason	n for nature-rel	ated trips in
						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		
variable.	DVII	Fosition.	041	Length.			
Participation i	n primary non-co	nsumptive wildlife	-related trips	in Canada or the	United S	States.(C1 or G	1)
						FREQ	WTD
1	Yes					4,420	1,716,942
2	No					56,369	21,865,574
						60,789	23,582,516
TI							

May 30, 20	000	PUBLIC	USE MICE	RO-DATA FI	LE		Page 128
Variable:	DV12	Position:	828	Length:	1		
	in recreational fisl BL3 or B15BL4)	hing as a main or so	econdary reas	on for nature- rel	ated trip	s in Canada.(E	1, B15BL1,
1 2	Yes No					FREQ 11,834 48,955	WTD 4,184,096 19,398,421
						60,789	23,582,516
Variable:	DV13	Position:	829	Length:	1		
Participation i	in recreational fisl	hing trips in Canad	a or the Unite	d States.(E1 or G	5)		
1 2	Yes No					FREQ 9,167	WTD 3,196,050
2	No					51,622	20,386,466
Variable:	DV14	Position:	830	Length:	1		
Participation i B15CL3 or B		in or secondary rea	ason for nature	e-related trips in	Canada.	(F1, B15CL1,	B15CL2,
1 2	Yes No					FREQ 4,074 56,715	WTD 1,191,002 22,391,514
						60,789	23,582,516
171							

May 30, 20	000	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 129
Variable:	DV15	Position:	831	Length:	1		
Incidence of	visiting parks or pr	rotected areas on tr	ips for outdoo	r activities in Ca	mada. (B	9L1, B9L2, B9	9L3 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:	ı		
Incidence of C11L2 or C1		rotected areas on pr	rimary non-co	nsumptive wildl	ife-relate	ed trips in Cana	ada.(C11L1,
						FREQ	WTE
1	Yes					1,878	747,029
2	No					58,911	22,835,487
						60,789	23,582,516
Variable:	DV17	Position:	833	Length:	1		
			. 101	hing tring in Can	ada (F1	0L1. E10L2 or	E10L3)
Incidence of	visiting parks or p	rotected areas on re	creational fish	ning urps in Can	ada. (Li		
Incidence of	visiting parks or p	rotected areas on re	ecreational fis	aing urps in Can	ada. (Li	FREQ	WTE
1	Yes	rotected areas on re	creational fis	aing trips in Can	aua. (L's	FREQ 3,341	WTE 1,204,322
ı	1148	rotected areas on re	creational fish	ang tips iii Can	ada. (L1	FREQ	WTE 1,204,322
Incidence of v	Yes	rotected areas on re	creational fis	ning urps in Can	ada. (E1	FREQ 3,341	WTE 1,204,322 22,378,194 23,582,516

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA F	LE		Page 130
Variable:	DV18	Position:	834	Length:	1		
	visiting parks or p 3HL2, F13H4L1	rotected areas for h or F13H4L4)	unting wildlif	e in Canada. (Fl	3H1L1,	F13H1L2, F13	H2L1 <mark>, F1</mark> 3H2L
						FREQ	WTI
1	Yes					501	149,26
2	No					60,288	23,433,25
						60,789	23,582,51
						00,789	23,362,31
Variable:	DV19	Position:	835	Length:	3		
index (0-100)	%) of interest in j	oining or contributi	ng to a natura	list, conservatio	n or spor	tsman's club.(A	A2A)
						FREQ	WTI
000	No inter	rest				40,591	15,935,48
050	Some in	iterest				10,479	4,047,61
100	Great in	terest				2,512	967,96
999	Not stat	ed				7,207	2,631,45
						60,789	23,582,510
Variable:	DV20	Position:	838	Length:	3		
Index (0-100	%) of interest in v	watching, feeding,	photographing	g or studying wil	ldlife. (A	2B)	
						EDEO	11/27/4
000	Ma int	-ont				FREQ	WTI
000	No inter					22,473	9,071,693
)50	Some in					21,658	8,377,49
100	Great in					9,756	3,599,03
999	Not stat	ed				6,902	2,534,29
						60,789	23,582,51

May 30, 20	00	May 30, 2000 PUBLIC USE MICRO-DATA FILE							
**	D3/24	D	0.43	.,					
Variable:	DV21	Position:	841	Length:	3				
Index (0-1009	%) of interest in h	ounting wildlife.(A2	(C)						
						FREQ	WTI		
000	No inter					46,604	18,763,98		
050	Some in					3,749	1,207,70		
100	Great in					3,401	1,019,65		
999	Not state	ed				7,035	2,591,17		
						60,789	23,582,51		
Variable:	DV22	Position:	844	Length:	3				
Index (0-100%	%) of interest in t	rapping for food or	fur.(A2D)						
						FREQ	WT		
000	No inter	rest				51,486	20,290,14		
050	Some in					1,449	466,40		
100	Great in					575	163,91		
999	Not state					7,279	2,662,05		
						60,789	23,582,51		
Varia ble :	DV23	Position:	847	Length:	3				
Index (0-100%	%) of interest in r	ecreational fishing.	(A2E)						
100						FREQ	WT		
000	No inter					31,064	12,623,83		
)50	Some in					14,595	5,544,03		
100	Great in					8,069	2,817,62		
999	Not state	ed				7,061	2,597,02		
						60,789	23,582,51		

	00	PUBLIC	JSE WIICK	O-DATA FI	LE		Page 132
Variable:	DV24	Position:	850	Length:	3		
Index (0-100% skiing, snowsh	6) of interest in one one of the one of the original	outdoor activities in vehicle use, swimm	natural areas ing, boating	such as camping (A2F)	, picnicl	king, hiking, ric	ding, cycling,
						FREQ	WTD
000	No inter	rest				13,997	5,434,578
050	Some in	terest				17,397	6,767,591
100	Great in	terest				22,193	8,728,386
999	Not state	ed				7,202	2,651,962
						60,789	23,582,516
Variable:	DV25	Position:	853	Length:	3		
, and the	D 7 20	2 03111071.	000	Dengin.	3		
B2B(value imp Allowed Min:	outed) - How ma 000	ny of these same-da Allowed Max:		u take in 1996?			
						FREO	WTD
000 : 700						22,231	8,725,794
996	Valid sk	ip/Not applicable				38,558	14,856,722
						60,789	23,582,516
Variable:	DV26	Position:	856	Length:	3		
D2D(value ime	outed) - How ma 000	ny of these Overnig Allowed Max:		u take in 1996?			
Allowed Min:						FREQ	WTD
Allowed Min:							
	Valid sk	ip/Not applicable				22,085 38,704	8,578,086 15,004,431

	00	PUBLIC US	PUBLIC USE MICRO-DATA FILE					
Variable:	DV27	Position:	859	Length:	3			
C4B(value imp Allowed Min:	outed)- How may	ny same day trips did Allowed Max:	you take to 995	watch, feed phot	tograph o	or study wildlif	e in 1996?	
000 : 460 996	Valid sl	kip/Not applicable				FREQ 3,629 57,160	WTE 1,375,226 22,207,291	
						60,789	23,582,510	
Variable:	DV28	Position:	862	Length:	3			
C4D(value imp Allowed Min:	outed)- How ma	ny overnight trips did Allowed Max:	you take to 995	watch, feed pho	tograph (or study wildli	fe in 1996?	
000 : 365								
	Valid sl	kip/Not applicable				FREQ 2,271 58,518	869,513 22,713,004	
	Valid sl	kip/Not applicable				2,271	869,513 22,713,004	
000 : 365 996 Variable:	Valid sl	kip/Not applicable Position:	865	Length:	3	2,271 58,518	23,582,516	
996 Variable: E3B(value imp	DV29 outed)- How ma					2,271 58,518 ====================================	869,513 22,713,004 ===================================	
Variable: E3B(value imprecreation in 19	DV29 outed)- How ma	Position:				2,271 58,518 ====================================	869,513 22,713,004 23,582,516	
996 Variable:	DV29 outed)- How ma 996 ? 000	Position: ny of these same day t	rips did you			2,271 58,518 ====================================	869,513 22,713,004 23,582,516	

May 30, 200	0	PUBLIC US	Page 134				
Variable:	DV30	Position:	868	Length:	3		
E3D(value impi	uted)- How ma	ny of these overnight t	rips did voi	take for which	the main	reason was to	fish for
recreation in 19		,					
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTI
000:100						5,868	2,082,24
996	Valid sl	kip/Not applicable				54,921	21,500,27
						60,789	23,582,516
Variable:	DV31	Position:	871	Length:	3		
F2B(value impu	ited). How mai	ny same-day trips with	in Canada	did you take to h	unt wild	life in 1996?	
Allowed Min:	000	Allowed Max:	995	ind you take to it	unc wind	me m 1770.	
						FREQ	WITT
000 : 130						2,951	WTI 812,808
996	Valid sl	kip/Not applicable				57,838	22,769,70
770	4 4 11 14 31	kip/140t applicable				======	=======================================
						60,789	23,582,516
Variable:	DV32	Position:	874	Length:	3		
		ny overnight trips with				l:6- : 10069	
Allowed Min:	000	Allowed Max:	995	aid you take to ii	unt wha	IIIe III 1990!	
						FREQ	WTI
000 : 070						2,532	719,140
996	Valid sl	kip/Not applicable				58,257	22,863,376
						60,789	23,582,516

PUBLIC USE MICRO-DATA FILE May 30, 2000 Page 135 DV33 877 Length: 3 Variable: Position: F6H1B(value imputed) - How many same-day trips within Canada did you take to hunt waterfowl in 1996? Allowed Min: 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 3 Variable: **DV34** Position: 880 Length: F6H1D(value imputed) - How many overnight trips within Canada did you take to hunt waterfowl in 1996? Allowed Min: Allowed Max: 995 **FREO** 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: Allowed Max: **FREQ** WTD 000:090 1,158 332,755 996 Valid skip/Not applicable 59,631 23,249,761 60,789 23,582,516

Page 130		LE	O-DATA FI	SE MICR	PUBLIC U	May 30, 2000				
		3	Length:	886	Position:	DV36	Variable:			
06?	ther birds in 19	to hunt of	da did you take t	within Canad	nany overnight trips Allowed Max:	mputed)- How m	F6H2D(value in Allowed Min:			
WTI 197,22 23,385,28	FREQ 669 60.120				ip/Not applicable	Valid ek	000 : 365 996			
23,582,510	60,789				тр/тчос аррпсаото	v dild Sk.				
		3	Length:	889	Position:	DV37	Variable:			
mals in 1996?	nall game mam	o hunt sn	la did you take to	within Canad 995	nany same-day trips Allowed Max:	nputed)- How m 000	F6H3B(value in Allowed Min:			
WTI 211,45	FREQ 768						000 : 200			
23,371,059	60,021				ip/Not applicable	Valid ski	996			
23,582,516	60,789									
		3	Length:	892	Position:	DV38	Variable:			
							EGU2D(t			
1 1 100/0			ia did vou take t	within Canad	nany overnight trips	nputea)- How m	FOH3D(value it Allowed Min:			
mals in 1996?	nall game man	O HUHE SE		995	Allowed Max:	000	Anowed Min.			
WTI	FREQ	o nunt si			Allowed Max:	000				
		o nunt si			Allowed Max:		000 : 028 996			

May 30, 200	00	PUBLIC U	PUBLIC USE MICRO-DATA FILE				
Variable:	DV39	Position:	895	Length:	3		
F6H4B(value in Allowed Min:	mputed)- How 1	nany same-day trips Allowed Max:	within Canad	da did you take t	o hunt la	rge game mam	mals in 1996?
000 : 200 996	Valid sl	kip/Not applicable				FREQ 1,931 58,858	WTD 533,707 23,048,809
						60,789	23,582,516
77 - 11	DV40	Position:	898	Length:	3		
Variable:	D1 40						
		many ovemight trips Allowed Max:	within Cana 995	da did you take t	o hunt la	irge game man	nmals in 1996?
F6H4D(value i	mputed)- How (da did you take t	o hunt la	FREQ 1,844 58,945	wtD 528,691 23,053,825
F6H4D(value i Allowed Min: 000: 028	mputed)- How (Allowed Max:		da did you take t	o hunt la	FREQ 1,844	WTD 528,691
F6H4D(value i Allowed Min: 000: 028	mputed)- How (Allowed Max:		da did you take t	o hunt la	FREQ 1,844 58,945	WTD 528,691 23,053,825
F6H4D(value i Allowed Min: 000 : 028 996	wputed)- How in the control of the c	Allowed Max: kip/Not applicable	995	Length:	3	FREQ 1,844 58,945 ====================================	WTD 528,691 23,053,825 23,582,516
F6H4D(value i Allowed Min: 000:028 996 Variable: B3B(value imp	DV41 Duted)- How man	Allowed Max: kip/Not applicable Position: ny days in total did y	995 901 ou spend in y	Length:	3	FREQ 1,844 58,945 ====================================	WTD 528,691 23,053,825 23,582,516

	PUBLIC USE MICRO-DATA FILE						
PN 1 4 0	and a second	0.0.4					
DV42	Position:	904	Length:	3			
puted) How m	any days in total did y	ou spend els	sewhere in Cana	da on ou	tdoor activities	?	
000	Allowed Max:	365					
					FREQ	WTI	
					13,573	5,250,15	
Valid sl	kip/Not applicable				47,216	18,332,35	
					60,789	23,582,51	
DV43	Position:	907	Length:	3			
		id you watc	h, feed, photogra	aph or st	udy wildlife wl	nile on these	
	-						
000	Allowed Max:	365					
					FREO	WTI	
					3,778	1,432,04	
Valid sl	kip/Not applicable				57,011	22,150,47	
					60,789	23,582,510	
DV44	Position:	910	Length:	3			
	ny days during 1996 d	id you watc	h, feed, photogra	aph or st	udy wildlife wl	nile on these	
000	Allowed Max:	365					
					FREQ	WTI	
					1,739	662,63	
Valid sl	rip/Not applicable					22,919,88	
					60,789	23,582,510	
	DV43 Ited)- How many many many many many many many many	puted) How many days in total did y 000 Allowed Max: Valid skip/Not applicable DV43 Position: Ited)- How many days during 1996 dvince or territory? 000 Allowed Max: Valid skip/Not applicable DV44 Position: Ited)- How many days during 1996 din Canada?	puted) How many days in total did you spend else 1000 Allowed Max: 365 Valid skip/Not applicable DV43 Position: 907 Atted)- How many days during 1996 did you water vince or territory? 1000 Allowed Max: 365 Valid skip/Not applicable DV44 Position: 910 Atted)- How many days during 1996 did you water n Canada? 1996 did you water n	puted) How many days in total did you spend elsewhere in Cana 000 Allowed Max: 365 Valid skip/Not applicable DV43 Position: 907 Length: ated)- How many days during 1996 did you watch, feed, photogravince or territory? 000 Allowed Max: 365 Valid skip/Not applicable DV44 Position: 910 Length: ated)- How many days during 1996 did you watch, feed, photogravince on Canada? 000 Allowed Max: 365	puted) How many days in total did you spend elsewhere in Canada on ou 000 Allowed Max: 365 Valid skip/Not applicable DV43 Position: 907 Length: 3 sted)- How many days during 1996 did you watch, feed, photograph or strainer or territory? 000 Allowed Max: 365 Valid skip/Not applicable DV44 Position: 910 Length: 3 sted)- How many days during 1996 did you watch, feed, photograph or strainer of canada? 000 Allowed Max: 365 Valid skip/Not applicable	puted) How many days in total did you spend elsewhere in Canada on outdoor activities ### Allowed Max: 365 FREQ 13,573	

May 30, 200	00	PUBLIC USE MICRO-DATA FILE Page						
Variable:	DV45	Position:	913	Length:	3			
D4(value impu	ted) - Midpoints	of ranges in days						
						FREQ	WTI	
005	5 Days					2,871	1,143,41	
)15	15 Days					2,356	887,07	
)35	35 Days					3,121	1,136,91	
)75	75 Days					3,349	1,209,39	
125	125 Day					2,328	845,29	
175	175 Day					1,711	627,70	
283	283 Day					9,439	3,179,94	
996	Valid sk	ip/Not applicable				35,614	14,552,78	
						60,789	23,582,51	
				· · · · · · · ·				
Variable:	DV46	Position:	916	Length:	3			
Variable: E4B(value imprivers, streams.	outed)- Enter the	Position:				a in 1996 at fre	shwater lakes,	
E4B(value imprivers, streams.	outed)- Enter the		spent fishing			a in 1996 at fre	shwater lakes,	
E4B(value imprivers, streams.	outed)- Enter the	number of days you	spent fishing					
E4B(value imprivers, streams. Allowed Min:	outed)- Enter the	number of days you	spent fishing			FREQ	WTI	
E4B(value imprivers, streams. Allowed Min:	outed)- Enter the	number of days you	spent fishing				WT) 3,004,29	
E4B(value imp	outed)- Enter the	number of days you Allowed Max:	spent fishing			FREQ 8,644	WTI 3,004,29 20,578,22	
E4B(value imprivers, streams. Allowed Min:	outed)- Enter the	number of days you Allowed Max:	spent fishing			FREQ 8,644 52,145	WTI 3,004,29 20,578,220 23,582,510	
E4B(value impivers, streams. Allowed Min: 000 : 230	outed)- Enter the	number of days you Allowed Max:	spent fishing			FREQ 8,644 52,145	WTI 3,004,29 20,578,22	
E4B(value imprivers, streams. Allowed Min: 000 : 230 096	outed)- Enter the 000 Valid sk	number of days you Allowed Max: xip/Not applicable	365	g for recreation i	n Canada	FREQ 8,644 52,145 ====================================	WTI 3,004,29 20,578,22 23,582,51	
E4B(value impivers, streams. Allowed Min: 000 : 230 996 Variable: E4D(value impocean.	outed)- Enter the 000 Valid sk	number of days you Allowed Max: xip/Not applicable Position:	365	g for recreation i	n Canada	FREQ 8,644 52,145 ====================================	WTI 3,004,29 20,578,22 23,582,51	
E4B(value impivers, streams. Allowed Min: 000 : 230 996 Variable: E4D(value impocean.	outed)- Enter the Valid sk DV47 Outed)- Enter the	Allowed Max: Allowed Max: cip/Not applicable Position:	365 919 1 spent fishin	g for recreation i	n Canada	FREQ 8,644 52,145 ====================================	WTI 3,004,29 20,578,22 23,582,51	
E4B(value impivers, streams. allowed Min: 000:230 996 Variable: E4D(value impocean. allowed Min:	outed)- Enter the Valid sk DV47 Outed)- Enter the	Allowed Max: Allowed Max: cip/Not applicable Position:	365 919 1 spent fishin	g for recreation i	n Canada	FREQ 8,644 52,145 60,789	WT: 3,004,29 20,578,22 23,582,51	
E4B(value imprivers, streams. Allowed Min: 000 : 230 096 Variable: E4D(value impocean. Allowed Min: 000 : 070	DV47 Duted)- Enter the	Allowed Max: Allowed Max: cip/Not applicable Position:	365 919 1 spent fishin	g for recreation i	n Canada	FREQ 8,644 52,145 ====================================	WT: 3,004,29 20,578,22 23,582,51 Pacific WT: 186,86	
E4B(value impivers, streams. Allowed Min: 000 : 230 0996	DV47 Duted)- Enter the	Allowed Max: Allowed Max: Position: number of days you Allowed Max:	365 919 1 spent fishin	g for recreation i	n Canada	FREQ 8,644 52,145 60,789 60,789	WTI 3,004,29 20,578,22 23,582,51	

May 30, 200	0	PUBLIC US	PUBLIC USE MICRO-DATA FILE					
Variable:	DV48	Position:	922	Length:	3			
runuoie.	D 1 40	Tostiton.	744	Lengin.	3			
E4F(value impu Ocean.	ited)- Enter the	number of days you s	pent fishing	for recreation in	n Canada	a in 1996 in the	Atlantic	
Allowed Min:	000	Allowed Max:	365					
000 : 100						FREQ 629	WTI 129,71	
996	Valid sl	cip/Not applicable				60,160	23,452,800	
						60,789	23,582,516	
Variable:	DV49	Position:	925	Length;	3			
F3B(value impu Allowed Min:	ited)- How mar 000	ny days in total did you Allowed Max:	u hunt wildl 365	ife in 1996?				
001 : 170 996	Valid sl	kip/Not applicable				FREQ 3,560 57,229	WTI 995,683 22,586,833	
						60,789	23,582,510	
Variable:	DV50	Position:	928	Length:	3	Ha		
F7H1B(value in Allowed Min:	nputed)- How r	many days in 1996 did Allowed Max:	you hunt W	aterfowl in your	r provinc	ce or territory?		
						FREQ	WTD	
000 : 104 996	Valid sl	cip/Not applicable				826 59,963	228,442 23,354,074	
						60,789	23,582,516	

May 30, 2000 **PUBLIC USE MICRO-DATA FILE** Page 141 Variable: DV51 Position: 931 Length: 3 F7H1D(value imputed)- How many days in 1996 did you hunt Waterfowl elsewhere in Canada? Allowed Min: Allowed Max: **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: F7H2D(value imputed)- How many days in 1996 did you hunt other birds elsewhere in Canada? Allowed Min: Allowed Max: **FREQ** WTD 000:050 407 115,549 996 Valid skip/Not applicable 60,382 23,466,967 60,789 23,582,516

May 30, 20	00	PUBLIC U	SE MICR	O-DATA FI	LE		Page 142
Variable:	DV54	Position:	940	Length:	3		
F7H3B(value Allowed Min:	imputed)- How t	many days in 1996 di Allowed Max:		nall game mamr	nals in y	our province or	r territory?
000 : 365 996	Valid sl	kip/Not applicable				FREQ 834 59,955	WTI 230,000 23,352,510
						60,789	23,582,510
Variable:	DV55	Position:	943	Length:	3		
F7H3D(value Allowed Min:	imputed)- How i	many days in 1996 di Allowed Max:	d you hunt sr 365	nall game mami	mals else	where in Cana	da?
000 : 025 996	Valid sl	xip/Not applicable				FREQ 276 60,513	WTI 74,283 23,508,233
						60,789	23,582,516
Variable:	DV56	Position:	946	Length:	3		
F7H4B(value		Position: nany days in 1996 di Allowed Max:				our province or	territory?
	imputed)- How r 000	nany days in 1996 di	d you hunt la			FREQ 2,540 58,249	WTE 715,163 22,867,354

PUBLIC USE MICRO-DATA FILE May 30, 2000 Page 143 Variable: DV57 Position: 949 Length: F7H4D(value imputed)- How many days in 1996 did you hunt large game mammals elsewhere in Canada? Allowed Min: Allowed Max: 365 FREQ WTD 000:017 867 241,225 59,922 Valid skip/Not applicable 996 23,341,291 60,789 23,582,516 Variable: 952 3 **DV58** Position: Length: G2(value imputed)- On how many days did you watch, feed, photograph or study wildlife while on these trips? Allowed Min: Allowed Max: **FREQ** WTD 001:365 743 331,220 Valid skip/Not applicable 996 60,046 23,251,296 60,789 23,582,516 Variable: **DV59** Position: 955 Length: G6(value imputed)- On how many days did you fish for recreation in the United States? Allowed Min: Allowed Max: FREO WTD 001:081 407 141,877 996 Valid skip/Not applicable 60,382 23,440,639 60,789 23,582,516

May 30, 2000		PUBLIC US	SE MICRO	D-DATA FI	LE		Page 14
Variable:	DV60	Position:	958	Length:	6		
A A(value impute	d) In 1006 hour	much did you spen	d on your ma	mhamhin fao(s) on done	ntian(a) ta thaa	
organizations?	u)-111 1990, 110%	much did you spen	u on your me	moersmp ree(s	or dona	ation(s) to thes	e
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WT
000000 : 008771						3,538	1,277,88
999996	Valid skip	/Not applicable				57,251	22,304,63
						60,789	23,582,51
Variable:	DV61	Position:	964	Length:	6		-
A6(value imputed Allowed Min:	d)- In 1996, how 000000	v much did you pers Allowed Max:	onally spend 999995	to maintain, re	estore or	purchase this l	and?
						FREQ	WTI
000000 : 085000						2,186	758,18
100000	\$100,000					4	1,92
999996	Valid skip	n/Not applicable				58,599	22,822,40
						60,789	23,582,51
Variable:	DV62	Position:	970	Length:	6		
		the total amount of r n Canada in 1996?	noney you pe	ersonally spent	on trans	portation for th	ese trips to
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000 : 155000						26,524	10,295,60
999996	Valid skip					34,265	13,286,91
						60,789	23,582,51

PUBLIC USE MICRO-DATA FILE May 30, 2000 Page 145 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? 999995 Allowed Min: 000000 Allowed Max: **FREO** 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 FREO 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: 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? 999995 Allowed Min: 000000 Allowed Max: FREO WTD 000000:054154 26,524 10,295,606 999996 Valid skip/Not applicable 34,265 13,286,911 60,789 23,582,516

May 30, 200	00	PUBLIC US	SE MICRO	D-DATA F	ILE		Page 146
Variable:	DV66	Position:	994	Length:	6		
r tar states.	D 7 00	1 031110/11.	777	Lengin.	0		
	outdoor activities	the total amount of m in Canada in 1996? Allowed Max:	999995	rsonally spent	on other	items for these	trips to
						FREQ	WTI
000000 : 0086	17					26,524	10,295,60
999996		ip/Not applicable				34,265	13,286,91
						60,789	23,582,516
						00,707	23,302,311
Variable:	DV67	Position:	1000	Length:	6		
C6B(value imr	outed)-What was	the total amount of n	ionev vou ne	rennally enent	on transr	ortation for th	ese trine to
watch, feed, ph	otograph or stud	ly wildlife in Canada	in 1996?	isonarry spent	on transp	ortation for th	ese trips to
Allowed Min:	000000	Allowed Max:	999995				
						Enno	
000000 : 0024	30					FREQ	WTI
999996		ip/Not applicable				3,884 56,905	1,470,725 22,111,79
						60,789	23,582,516
					1		
Variable:	DV68	Position:	1006	Length:	6		
C6D(value imp phorograph or	outed)-What was study wildlife in	the total amount of n Canada in 1996?	noney you pe	rsonally spent	on accon	nmodation to v	vatch, feed,
Allowed Min:	000000	Allowed Max:	999995				
						FREO	WTE
000000 : 00200	01					3,884	1,470,725
999996	Valid sk	ip/Not applicable				56,905	22,111,791
						60,789	23,582,516

May 30, 2000		PUBLIC US	E MICRO	O-DATA FI	LE		Page 147
Variable:	DV69	Position:	1012	Length:	6		
		the total amount of m life in Canada in 1996 Allowed Max:		rsonally spent	on food f	or these trips t	o watch,
000000 : 001226 999996		ip/Not applicable				FREQ 3,884 56,905	WTD 1,470,725 22,111,791
						60,789	23,582,516
Variable:	DV70	Position:	1018	Length:	6		
		the total amount of mograph or study wildli Allowed Max:			on equip	ment used prin	narily for
000000 : 013311 999996	Valid sk	ip/Not applicable				FREQ 3,884 56,905	WTD 1,470,725 22,111,791
						60,789	23,582,516
Variable:	DV71	Position:	1024	Length:	6		
		the total amount of modely wildlife in Canada Allowed Max:		rsonally spent o	on other i	tems for these	trips to
000000 : 000745 999996		tip/Not applicable				FREQ 3,884 56,905	WTD 1,470,725 22,111,791
						60,789	23,582,516
	WALL						

May 30, 2000)	PUBLIC US	SE MICRO	O-DATA F	ILE		Page 14
Variable:	DV72	D	1020		2		
variable:	DV /2	Position:	1030	Length:	3		
D5(value impute	ed) - Midpoints	of ranges in dollars.					
						FREQ	WT
000	\$0.00					9,021	3,295,79
003	\$3.00					1,234	466,42
007	\$7.00					1,454	523,61
017	\$17.00					3,975	1,437,85
037	\$37.00					3,751	1,298,91
075	\$75.00					2,925	1,298,91
150	\$150.00					1,713	
200	\$200.00						599,88
996						1,102	379,26
790	V and sk	ip/Not applicable				35,614	14,552,78
						60,789	23,582,51
		Position:	1033	Length:	6 on trans	portation for th	nese trips to
participate in fish	000000	in Canada in 1996? Allowed Max:	999995				
						FREQ	WTI
000000 : 008836						8,919	3,112,53
999996		ip/Not applicable				51,870	20,469,97
	7 602.01 671	.p tot approacte				======	=======
						60,789	23,582,51
Variable:	DV74	Position:	1039	Length:	6		
Dept. 1	D. 1979						
participate in fish	ted)- What was	s the total amount of r in Canada in 1996?	noney you po	ersonally spent	on accor	nmodation for	these trips to
Illowed Min:	000000	Allowed Max:	999995				
						FREQ	WT
000000:002944						8,919	3,112,53
99996	Valid sk	ip/Not applicable				51,870	20,469,97
						60 789	23,582,51
						60,789	23,58

PUBLIC USE MICRO-DATA FILE May 30, 2000 Page 149 **DV75** 1045 Variable: Position: 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? 999995 Allowed Min: 000000 Allowed Max: **FREO** 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** 1051 Position: Length: 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? 000000 999995 Allowed Min: Allowed Max: 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: 1057 **DV77** Position: Length: 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

May 30, 2000		PUBLIC U	PUBLIC USE MICRO-DATA FILE					
Variable:	DV78	Position:	1063	Length:	6			
F8H1R(value im	nuted). What w	was the total amount	of money you	nerconally en	ent on tra	neportation for	these teins	
o hunt waterfow		1996?	of money you	personany spe	ant on tra	insportation for	diese trips	
Allowed Min:	000000	Allowed Max:	999995					
						FREQ	WTI	
00000:001795						769	216,86	
99996	Valid sk	ip/Not applicable				59,945	23,347,15	
99997		reported in other hu	nting type			75	18,49	
						60,789	23,582,510	
Variable:	DV79	Position:	1069	Length:	6			
	l in Canada in	was the total amount 1996?		- processory ope				
	000000	Allowed Max:	999995					
Illowed Min:		Allowed Max:	999995			FREQ		
1llowed Min: 000000 : 001000			999995			769	216,86	
1llowed Min: 000000 : 001000 199996	Valid sk	ip/Not applicable				769 59,945	216,869 23,347,15	
Allowed Min: 000000 : 001000 099996	Valid sk					769	216,868 23,347,154	
000000 : 001000 000000 : 001000 0099996 0099997	Valid sk	ip/Not applicable				769 59,945	216,868 23,347,154 18,494	
Allowed Min: 000000 : 001000 099996	Valid sk	ip/Not applicable		Length:	6	769 59,945 75	WTE 216,868 23,347,154 18,494 23,582,516	
(llowed Min: 000000 : 001000 199996 199997 Variable:	Valid ski Expense	ip/Not applicable reported in other hu Position:	nting type			769 59,945 75 ——————————————————————————————————	216,868 23,347,154 18,494 23,582,516	
1llowed Min: 000000 : 001000 199996 199997 Variable:	Valid sk: Expense DV80 puted)- What w	ip/Not applicable reported in other hu	nting type			769 59,945 75 ——————————————————————————————————	216,868 23,347,154 18,494 23,582,516	
ollowed Min: 000000: 001000 99996 99997 Variable: 8H1F(value impaterfowl in Car	Valid sk: Expense DV80 puted)- What w	ip/Not applicable reported in other hu Position:	nting type			769 59,945 75 ——————————————————————————————————	216,865 23,347,15- 18,49- 23,582,516	
llowed Min: 00000 : 001000 99996 99997 'ariable: 8H1F(value impaterfowl in Carillowed Min:	Valid sk: Expense DV80 puted)- What wada in 1996? 000000	ip/Not applicable reported in other hu Position:	nting type 1075 of money you			769 59,945 75 ——————————————————————————————————	216,865 23,347,15- 18,49- 23,582,516	
ollowed Min: 000000 : 001000 199996 199997 Variable: F8H1F(value impaterfowl in Cartillowed Min:	DV80 puted)- What wada in 1996? 000000	ip/Not applicable reported in other hu Position: vas the total amount Allowed Max:	nting type 1075 of money you			769 59,945 75 ===== 60,789 od for these trip FREQ 769	216,868 23,347,15- 18,49- 23,582,510 23,582,510 WTE 216,868	
100000 : 001000 199996 199997 Variable: 18H1F(value impaterfowl in Cartillowed Min: 1000000 : 000483	DV80 puted)- What wada in 1996? 000000	ip/Not applicable reported in other hu Position: vas the total amount Allowed Max: ip/Not applicable	nting type 1075 of money you 999995			769 59,945 75 60,789 60,789 FREQ 769 59,945	216,86 23,347,15 18,49 23,582,510 23,582,510 WTI 216,86 23,347,15	
Ollowed Min: Ollowed Min: Ollowed Single Sin	DV80 puted)- What wada in 1996? 000000	ip/Not applicable reported in other hu Position: vas the total amount Allowed Max:	nting type 1075 of money you 999995			769 59,945 75 ===== 60,789 od for these trip FREQ 769	216,866 23,347,15- 18,49- 23,582,510 os to hunt	

May 30, 2000		PUBLIC USE MICRO-DATA FILE Pa					
Variable:	DV81	Position:	1081	Length:	6		
F8H1H(value imp	outed)- What	was the total amount of	of money you	personally spe	nt on eq	uipment for th	ese trips to
hunt waterfowl in			000005				
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTE
000000 : 002943						769	216,868
999996		ip/Not applicable				59,945	23,347,154
999997	Expense	reported in other hun	nting type			75	18,494
						60,789	23,582,516
Variable:	DV82	Position:	1087	Length:	6		
F8H1J(value imp	uted)- What v	vas the total amount o	f money you	personally sper	nt on oth	er items for th	ese trips to
hunt waterfowl in			constraint year	personally aper			
Allowed Min:	000000	Allowed Max:	999995				
						FREO	WTD
000000 : 001440						769	216,868
999996	Valid sk	ip/Not applicable				59,945	23,347,154
999997		reported in other hur	nting type			75	18,494
						60,789	23,582,516
	DUGS		1002				
Variable:	DV83	Position:	1093	Length:	6		
to hunt other bird	s in Canada in			personally spe	ent on tra	ensportation fo	r these trips
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTD
000000 : 000545						1,199	350,143
999996		ip/Not applicable				59,507	23,207,790
999997	Expense	reported in other hur	nting type			83	24,583

		FUBLIC US	SE MICKO	D-DATA FI	ILE		Page 152
Variable:	DV84	Position:	1099	Length:	6		
		was the total amount	of money you	personally spe	ent on ac	commodation	for these trips
to hunt other birds Allowed Min:	s in Canada in 000000	1996? Allowed Max:	999995				
2.2011	000000	2110770 22103.	,,,,,,				
200000 . 000202						FREQ	WTI
000000 : 000302 099996	Validate	in/Not continuable				1,199	350,14
999998		ip/Not applicable reported in other hur	-tina tuna			59,507	23,207,790
199997	Expense	reported in other nui	nting type			83	24,58
						60,789	23,582,510
Variable:	DV85	Position:	1105	Length:	6		
F8H2F(value imp	uted). What w	was the total amount of	of money you	nersonally sne	ent on foc	nd for these tri	ns to hunt
other birds in Can		vas tile total attiount (or money you	personally spe	in on too	od for these tri	ps to num
Allowed Min:	000000	Allowed Max:	999995				
200000 000512						FREQ	WTI
000000 : 000512 999996	Validale	ip/Not applicable				1,199 59,507	350,143
999997		reported in other hui	nting type			83	23,207,790 24,583
	2.1001130	a portou na otto titu					
						60,789	23,582,510
Variable:	DV86	Position:	1111	Length:	6		
	2.00	2 0000000	****	20116111			
F8H2H(value imp		was the total amount of 996?	of money you	personally spe	ent on eq	uipment for the	ese trips to
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000 : 006681						1,199	350,143
999996		ip/Not applicable				59,507	23,207,790
999997	Expense	reported in other hur	nting type			83	24,583

May 30, 200)()	PUBLIC U	JSE WICK	U-DATA FI			Page 153
Variable:	DV87	Position:	1117	Length:	6		
F8H2J(value in	nputed)- What w	vas the total amount	of money you	personally spe	nt on oth	er items for the	ese trips to
nunt other bird	s in Canada in 1	996?					
tllowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000 : 00155	58					1,199	350,14
99996	Valid sk	ip/Not applicable				59,507	23,207,79
99997	Expense	reported in other h	unting type			83	24,58
						60,789	23,582,516
Variable:	DV88	Position:	1123	Length:	6		
		was the total amount	t of money you	u personally spe	ent on tra	insportation for	r these trips
8H3B(value i	mputed)- What v	was the total amoun	IL OF HIGHER A AO				
	mputed)- What was a command and a command in Cana		it of money you				
o hunt small n							
o hunt small n	nammals in Cana	ada in 1996?					
o hunt small n Allowed Min:	000000	ada in 1996?				FREQ 745	WTI
o hunt small mallowed Min:	nammals in Cana 000000 50 Valid sk	ada in 1996? Allowed Max. ip/Not applicable	999995			FREQ	WTI 207,60
o hunt small m Allowed Min: 000000 : 0024:	nammals in Cana 000000 50 Valid sk	ada in 1996? Allowed Max.	999995			FREQ 745 59,951 93	WTI 207,600 23,352,064 22,850
F8H3B(value i to hunt small m Allowed Min: 0000000 : 0024: 999996 999997	nammals in Cana 000000 50 Valid sk	ada in 1996? Allowed Max. ip/Not applicable	999995			FREQ 745 59,951	WTI 207,601 23,352,064 22,850 ====================================
o hunt small m Allowed Min: 000000 : 0024:	nammals in Cana 000000 50 Valid sk	ada in 1996? Allowed Max. ip/Not applicable	999995	Length:	6	FREQ 745 59,951 93	WTI 207,600 23,352,064 22,850
o hunt small m Allowed Min: 000000 : 0024: 999996 999997	nammals in Cana 000000 50 Valid sk Expense	Ada in 1996? Allowed Max. Sip/Not applicable reported in other h	999995 nunting type	Length:	6	FREQ 745 59,951 93 ===== 60,789	WTI 207,600 23,352,064 22,850 ====================================
o hunt small mallowed Min: 2000000 : 00243 299996 299997 Variable:	nammals in Cana 000000 50 Valid sk Expense DV89	Allowed Max.	999995 nunting type	Length:	6	FREQ 745 59,951 93 ===== 60,789	WTI 207,600 23,352,06 22,85 ====================================
o hunt small mallowed Min: 0000000 : 00243 199996 1999997 Variable: 8H3D(value io hunt small m	nammals in Cana 000000 50 Valid sk Expense	Allowed Max.	999995 Sunting type 1129 at of money yo	Length:	6	FREQ 745 59,951 93 ===== 60,789	WTI 207,60 23,352,06 22,85 ====================================
o hunt small mallowed Min: 0000000 : 00243 199996 1999997 Variable: 8H3D(value io hunt small m	DV89 mammals in Cana 000000 Valid sk Expense	Allowed Max. Allowed Max.	999995 Sunting type 1129 at of money you	Length:	6	FREQ 745 59,951 93 ===== 60,789 commodation	WTI 207,60 23,352,06 22,85 ===== 23,582,51
o hunt small mallowed Min: 2000000 : 0024: 299996 299997 2ariable: 68H3D(value in the original mallowed Min:	DV89 Imputed)- What an anomals in Cana 000000	Allowed Max. Allowed Max.	999995 Sunting type 1129 at of money you	Length:	6	FREQ 745 59,951 93 60,789 commodation	WTI 207,600 23,352,06 22,850 23,582,510 for these trips
o hunt small mallowed Min: 0000000 : 0024: 099996 099997 Variable: F8H3D(value in the original mallowed Min: 0000000 : 0010:	DV89 Imputed)- What an anomals in Cana 000000	Allowed Max. Allowed Max. Allowed Max. Position: Position: was the total amoundada in 1996? Allowed Max.	999995 Sunting type 1129 at of money you	Length:	6	FREQ 745 59,951 93 60,789 commodation	WTI 207,60: 23,352,06 22,856 23,582,510 WTI 207,60:
o hunt small mallowed Min: 0000000 : 0024: 099996 099997 Variable: F8H3D(value in the control of the control	DV89 Imputed)- What an anomals in Cana 000000	Allowed Max. Allowed Max.	999995 nunting type 1129 nt of money yo 999995	Length:	6	FREQ 745 59,951 93 60,789 commodation	WTI 207,60. 23,352,06. 22,85. 23,582,51. WTI 207,60. 23,352,06.
o hunt small mallowed Min: 0000000 : 00243 099996 099997 Variable:	DV89 Imputed)- What an anomals in Cana 000000	Allowed Max. Allowed Max. Allowed Max. Allowed in other has been been been been been been been bee	999995 nunting type 1129 nt of money yo 999995	Length:	6	FREQ 745 59,951 93 60,789 commodation FREQ 745 59,951	WTI 207,600 23,352,064 22,850 ====================================

May 30, 2000		PUBLIC US	SE MICRO	O-DATA FI	LE		Page 154
Variable:	DV90	Position:	1135	Length:	6		
F8H3F(value imp	uted)- What v	was the total amount o	of money you	personally spe	nt on foo	od for these trip	s to hunt
small mammals i			202224				
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000:002100						745	207,60
999996	Valid sk	ip/Not applicable				59,951	23,352,064
999997		reported in other hur	nting type			93	22,85
						60,789	23,582,510
Variable:	DV91	Position:	1141	Length:	6		
F8H3H(value imi	outed)- What v	was the total amount of	of money you	personally sne	ent on ea	uipment for the	ese trips to
nunt small mamm			or money you	personally spe	on ou	arpinent for the	ose trips to
Allowed Min:	000000	Allowed Max:	999995				
						EDEO	WTr
000000 : 035000						FREQ 745	WTI 207,603
999996	Valid sk	ip/Not applicable				59.951	23,352,064
999997		reported in other hur	nting type			93	22,850
	*						
						60,789	23,582,516
Variable:	DV92	Position:	1147	Length:	6		
Turtuoit.	D 1 72	rosmon.	114/	Lengin.	0		
		as the total amount o	f money you	personally spen	nt on oth	er items for the	ese trips to
nunt small mamn Allowed Min:			000005				
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WTI
000000:001000						745	207,603
999996		ip/Not applicable				59,951	23,352,064
999997	Expense	reported in other hur	nting type			93	22,850
						60,789	23,582,516
						00,709	43,304,310

May 30, 200	,,,	PUBLIC U	SE MICK	O-DATA FI	LE		Page 155
Variable:	DV93	Position:	1153	Length:	6		
F8H4B(value i	mputed)- What v	was the total amount	of money vo	a personally spe	ent on tra	nsportation for	r these trips
	ammals in Cana		or menty you	- parovilarij opa			
Allowed Min:	000000	Allowed Max:	999995				
						FREQ	WT
000000 : 01500	00					2,544	716,74
999996	Valid sk	ip/Not applicable				58,232	22,861,91
999997		reported in other hu	inting type			13	3,85
						60,789	23,582,51
Variable:	DV94	Position:	1159	Length:	6		
F8H4D(value i	mputed)- What	was the total amount	of money vo	u personally spe	ent on ac	commodation	for these trips
			7 7	7			
		da in 1996?					
to hunt large m	nammals in Cana 000000	da in 1996? Allowed Max:	999995				
to hunt large m	ammals in Cana		999995			FREO	WTI
to hunt large m Allowed Min:	nammals in Cana 000000		999995			FREQ 2.544	
to hunt large m Allowed Min:	nammals in Cana 000000	Allowed Max:	999995			2,544	716,74
to hunt large m Allowed Min: 0000000 : 00220	ammals in Cana 000000 Valid sk					2,544 58,232 13	716,74 22,861,91
to hunt large m Allowed Min: 0000000 : 00220 999996	ammals in Cana 000000 Valid sk	Allowed Max:				2,544 58,232	716,74 22,861,91 3,85
to hunt large m Allowed Min: 0000000 : 00220 999996 999997	on ammals in Cana 000000 Valid sk Expense	Allowed Max: ip/Not applicable reported in other hu	inting type			2,544 58,232 13	WTI 716,74: 22,861,91: 3,85:
to hunt large m Allowed Min: 0000000 : 00220	ammals in Cana 000000 Valid sk	Allowed Max:		Length:	6	2,544 58,232 13	716,74 22,861,91 3,85
to hunt large manuals on hunt large manuals	DV95 mputed)- What was in Canada in 19	Allowed Max: ip/Not applicable reported in other hu Position: was the total amount 1996?	1165 of money you			2,544 58,232 13 60,789	716,74 22,861,91 3,85 23,582,51
o hunt large manuals Allowed Min: 0000000 : 00220 099996 0999997 Variable: F8H4F(value in arge manuals	DV95 mputed)- What v	Allowed Max: ip/Not applicable reported in other hu Position:	unting type			2,544 58,232 13 60,789	716,74 22,861,91 3,85 23,582,51
to hunt large m Allowed Min: 0000000 : 00220 999996 999997 Variable:	DV95 mputed)- What was in Canada in 19	Allowed Max: ip/Not applicable reported in other hu Position: was the total amount 1996?	1165 of money you			2,544 58,232 13 60,789	716,74 22,861,91 3,85 23,582,51
to hunt large manual lowed Min: 0000000 : 00220 0999996 999997 Variable: F8H4F(value in large mammals Allowed Min:	DV95 mputed)- What vs in Canada in 19 000000	Allowed Max: ip/Not applicable reported in other hu Position: was the total amount 1996?	1165 of money you			2,544 58,232 13 —————————————————————————————————	716,74 22,861,91 3,85 23,582,51 os to hunt WT1
o hunt large mallowed Min: 0000000 : 00220 099996 099997 Variable: F8H4F(value in arge mammals Allowed Min:	DV95 mputed)- What vs in Canada in 19 000000	Allowed Max: hip/Not applicable reported in other human position: was the total amount position? Allowed Max:	1165 of money you			2,544 58,232 13 60,789 od for these trij	716,74 22,861,91 3,85 23,582,51 os to hunt WT1 716,74
to hunt large manuals on hunt large manuals	DV95 mputed)- What vs in Canada in 19 000000 Valid sk Expense	Allowed Max: ip/Not applicable reported in other hu Position: was the total amount 1996?	1165 of money you 999995			2,544 58,232 13 —————————————————————————————————	716,74 22,861,91 3,85 23,582,51

May 30, 2000	0	PUBLIC US	SE MICRO	O-DATA FI	LE		Page 156
Variable:	DV96	Position:	1171	Length:	6		
		was the total amount	of money you	personally sp	ent on eq	uipment for th	ese trips to
nunt large mami Allowed Min:	mals in Canada 000000	in 1996? Allowed Max:	999995				
000000 04000	0					FREQ	WTI
000000 : 042000						2,544	716,74
99996		ip/Not applicable				58,232	22,861,91
99997	Expense	reported in other hur	nting type			13	3,85
						60,789	23,582,516
Variable:	DV97	Position:	1177	Length:	6		
201141/ -1			6	. 11-		24	
	mals in Canada	as the total amount o	r money you	personally spe	nt on oth	er items for the	ese trips to
iunt large maini Illowed Min:	000000	Allowed Max:	999995				
inowea min.	000000	Allowed Max.	999993				
						FREQ	WTI
000000 : 015000	0					2,544	716,74
999996		ip/Not applicable				58,232	22,861,91
999997		reported in other hur	ating time			13	
777771	Expense	reported in other nur	iting type			=======	3,85
						60,789	23,582,51
				HEH.			
Variable:	DV98	Position:	1183	Length:	6		
34(value impute	ed)-Expenditure	es on primary non-co	nsumptive w	ldlife-related to	rips to the	e U.S.(in Cana	dian dollars -
		onverted at \$1.00 U.S					
Allowed Min:	000000	Allowed Max:	999995	,			
						FREQ	WTI
000000:00500	0					743	331,22
999996	Valid sk	ip/Not applicable				60,046	23,251,29
						60,789	23,582,510

May 30, 2000 PUBLIC USE MICRO-DATA FILE Page 157 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 Max: 999995 Allowed Min: 000000 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 \$300.00 2,357 954,729 300 600 \$600.00 1,034 411,834 \$800.00 800 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

Page 15		0, 2000 PUBLIC USE MICRO-DATA FILE							
		3	Length:	1198	Position:	DV103	Variable:		
					of ranges in dollars	uted) - Midpoints	C8(value imp		
WTI	FREQ								
213,01	571					\$10.00	010		
	0					\$2500	025		
231,30	667					\$35.00	035		
200,42	531					\$75.00	075		
130,520	331					\$150.00	150		
52,160	135					\$250.00	250		
26,68:	72					\$350.00	350		
14,059	37					\$500.00	500		
51,54	121					\$600.00	600		
22,534,910	57,988				p/Not applicable	Valid ski	996		
127,883	336				đ	Not state	999		
23,582,510	60,789								
		3	Length:	1201	Position:	DV104	Variable:		
					of ranges in dollars.	ited) - Midpoints	E7(value impu		
WTE	FREQ								
648,985	1,958					\$25.00	025		
527,273	1,565					\$75.00	075		
392,909	1,073					\$150.00	150		
194,871	559					\$300.00	300		
82,966	218					\$600.00	600		
93,133	264					\$800.00	800		
21,379,245	54,383				p/Not applicable	Valid ski	996		
263,136	769					Not state	999		
23,582,516	60,789								

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA F	ILE		Page 159
Variable:	DV105	Position:	1204	Length:	3		
F10H1(value)	imputed) - Midpo	ints of ranges in do	ollars.				
						FREQ	WTD
025	\$25.00					207	56,574
075	\$75.00					141	
150	\$150.00					102	43,730
	-						24,643
300	\$300.00					58	17,615
600	\$600.00					21	6,867
800	\$800.00	1 /2 / 11 11				41	10,361
996		ip/Not applicable				60,132	23,402,477
999	Not state	ed				87	20,249
						60,789	23,582,516
Variable:	DV106	Position:	1207	Length:	3		
F10H2(value i	imputed) - Midpo	ints of ranges in de	olfars.				
						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	
800	\$800.00					30	3,205
996		in/Not applicable					7,534
996		ip/Not applicable				59,856	23,306,948
777	Not state	eu				120	38,129
						60,789	23,582,516

	000	PUBLIC I	USE MICR	O-DATA FI	LE		Page 160
Variable:	DV107	Position:	1210	Length:	3		
F10H3(value	imputed) - Midno	oints of ranges in do	allars				
1 10115(14140	impated) Milape	omis of ranges in de	Jiidis.				
						FREQ	WTI
025	\$25.00					303	81,89
075	\$75.00					130	34,98
150	\$150.00					56	13,96
300	\$300.00					28	7,47
600	\$600.00					11	2,77
800	\$800.00					12	4,74
996	Valid sk	ip/Not applicable				60,169	23,414,43
999	Not state	ed				80	22,25
						60,789	23,582,51
Variable:	DV108	Position:	1213	Length:	3		
		oints of ranges in do		Dengin.	3		
						EDEO	WTI
025	\$25.00					FREQ 449	120,30
075	\$75.00					499	133,67
013	\$75.00					394	120,28
150	\$150.00						
150	\$150.00 \$300.00						
300	\$300.00					245	74,17
300 600	\$300.00 \$600.00					245 81	74,17 25,32
300 600 800	\$300.00 \$600.00 \$800.00					245 81 116	74,17 25,32 39,84
150 300 600 800 996 999	\$300.00 \$600.00 \$800.00	cip/Not applicable				245 81	74,17 25,32 39,84 23,018,65 50,25

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 161
Variable:	DV109	Position:	1216	Length:	3		
Frequency of Allowed Min:		ature-related activit Allowed Max.					
001 : 995 996	Valid sk	ip/Not applicable				FREQ 39,470 21,319	WTI 14,809,385 8,773,13
						60,789	23,582,510
Variable:	DV110	Position:	1219	Length:	3		
Frequency of Allowed Min:		rips for outdoor act		e areas in Cana	da.(DV4	1-42)	
001 : 565						FREQ 26,524	WTE
996	Valid sk	ip/Not applicable				34,265	13,286,911
						60,789	23,582,516
Variable:	DV111	Position:	1222	Length:	3		
Frequency of Allowed Min:		orimary non-consum Allowed Max		-related trips in	Canada-	total.(DV43-44	})
001 : 366						FREQ 3,884	WTE 1,470,725
996	Valid sk	ip/Not applicable				56,905	22,111,791

May 30, 200	0	PUBLIC U	ay 30, 2000 PUBLIC USE MICRO-DATA FILE								
Variable:	DV112	Position:	1225	Length:	3						
Frequency of patotal.(43-44,58)		primary non-consum	ptive wildlife	-related trips in	Canada	and the United	States -				
Allowed Min:	000	Allowed Max:	995								
001 : 373 996	Valid sk	cip/Not applicable				FREQ 4,420 56,369	WTI 1,716,942 21,865,574				
						60,789	23,582,510				
Variable:	DV113	Position:	1228	Length:	3	ж					
Frequency of pa Allowed Min:	rticipation on r	ecreational fishing t Allowed Max:		a in total.(DV46	-48)						
001 : 230 996	Valid sk	.ip/Not applicable				FREQ 8,919 51,870	WTE 3,112,539 20,469,977				
						60,789	23,582,516				
Variable:	DV114	Position:	1231	Length:	3						
Frequency of pa Allowed Min:	rticipation on r	ecreational fishing to Allowed Max:		a and the United	States.	(DV46-48,59)					
001 : 230 996	Valid sk	ip/Not applicable				FREQ 9,167 51,622	WTD 3,196,050 20,386,466				
						60,789	23,582,516				

May 30, 2000	0, 2000 PUBLIC USE MICRO-DATA FILE							
Variable:	DV115	Position:	1234	Length:	3			
Frequency of pa Allowed Min:	urticipation in hu 000	anting waterfowl in Allowed Max:		al.(I)V50-51)				
001 : 104 996	Valid ski	ip/Not applicable				FREQ 844 59,945	WTD 235,362 23,347,154	
						60,789	23,582,516	
Variable:	DV116	Position:	1237	Length:	3			
Frequency of pa Allowed Min:	articipation in hu	anting birds other th Allowed Max:		in Canada in to	tal.(DV5	(2-53)		
001 : 365 996	Valid sk	ip/Not applicable				FREQ 1,282 59,507	WTD 374,726 23,207,790	
						60,789	23,582,516	
Variable:	DV117	Position:	1240	Length:	3			
Frequency of pa Allowed Min:	articipation in ht 000	unting small game r Allowed Max:		anada in total.(I	OV54-55)		
001 : 365 996	Valid sk	ip/Not applicable				FREQ 838 59,951	WTD 230,452 23,352,064	
						60,789	23,582,516	

May 30, 20	00	O-DATA FI	ILE		Page 164		
Variable:	DV118	Position:	1243	Length:	3		
Frequency of Allowed Min:		unting large game n Allowed Max.		anada in total.(E	V56-57)		
001 : 354 996	Valid sk	ip/Not applicable				FREQ 2,557 58,232	WTI 720,60 22,861,91
						60,789	23,582,510
Variable:	DV119	Position:	1246	Length:	3		
Number of trij Allowed Min:		re-related activities: Allowed Max.		/25-32)			
001 : 980 996	Valid sk	tip/Not applicable				FREQ 30,275 30,514	WTI 11,530,32 12,052,18
						60,789	23,582,516
Variable:	DV120	Position:	1249	Length:	3		
Number of sai Allowed Min:		n for nature-related Allowed Max.		anada.(DV25,2	7,29,31)		
000 : 960 996	Valid sk	.ip/Not applicable				FREQ 26,317 34,472	WTI 10,063,309 13,519,203
						60,789	23,582,510

May 30, 200	y 30, 2000 PUBLIC USE MICRO-DATA FILE							
Variable:	DV121	Position:	1252	Length:	3			
Number of ove Allowed Min:	ernight trips take	n for nature-related Allowed Max.		anada.(DV26,28	8,30,32)			
000 : 397 99 <mark>6</mark>	Valid sk	ip/Not applicable				FREQ 25,185 35,604	9,635,299 13,947,218	
						60,789	23,582,516	
Variable:	DV122	Position:	1255	Length:	3			
Number of trip Allowed Min:	os taken primarily 000	y for outdoor activi		areas in Canada	(DV25-	26)		
						FREQ	WTD	
001 : 704						26,524	10,295,606	
996	Valid sk	ip/Not applicable				34,265	13,286,911	
						60,789	23,582,516	
Variable:	DV123	Position:	1258	Length:	3			
Number of trip Allowed Min:	os taken primarily 000	y for non-consumpt Allowed Max.		lated activities i	n Canada	a. (DV27-28)		
						FREQ	WTD	
001:465						3,884	1,470,725	
996	Valid sk	ip/Not applicable				56,905	22,111,791	

May 30, 20	00	PUBLIC U	JSE MICR	O-DATA FI	LE		Page 166
Variable:	DV124	Position:	1261	Length:	3		
Number of trip	ps taken primarily	for recreational fis Allowed Max:		la.(DV29-30)			
001 : 44 0 996	Valid sk	ip/Not applicable				FREQ 8,919 51,870	WT 3,112,53 20,469,97
						60,789	23,582,51
Variable:	DV125	Position:	1264	Length:	3		
Number of trip Allowed Min:	ps taken primarily 000	for Hunting in Car Allowed Max:		2)			
001 : 156 996	Valid sk	ip/Not applicable				FREQ 3,560 57,229	WT 995,68 22,586,83
	V 6376 536	privot apprivation				60,789	23,582,51
	Sent						
Variable:	DV126	Position:	1267	Length:	3		
Number of trip Allowed Min:	os taken for outdo 000	oor activities in natu Allowed Max:		anada.(B12L1B	-B12L1I	D)	
001 : 943						FREQ 24,463	WTI 9,488,12
996 999	Valid sk Not state	ip/Not applicable ed				34,265 2,061	13,286,91 807,48
						60,789	23,582,51

May 30, 200	00	PUBLIC USE MICRO-DATA FILE						
Variable:	DV127	Position:	1270	Length:	3			
Number of trip	s taken for outde	oor activities in natura	al areas in Ca	anada.(B12L2B	-B12L2D	0)		
Allowed Min:	000	Allowed Max:	995					
						FREQ	WTI	
001:360						12,616	5,023,27	
996	Valid sk	kip/Not applicable				47,295	18,204,00	
999	Not stat	ed				878	355,24	
						60,789	23,582,51	
Variable:	DV128	Position:	1273	Length:	3			
Nisanhan af tain	a takan far autd	oor activities in natur	al areas in C	made (D121.2D	D121 2F			
Number of trip Allowed Min:	000	Allowed Max:	995	anada.(B12L3B	-BIZLSL))		
THO FFC THEFF.	000	7711071040772600.	,,,,					
						FREQ	WTI	
001:345						6,404	2,605,77	
996	Valid sk	kip/Not applicable				53,839	20,748,76	
999	Not stat	ed				546	227,98	
						60,789	23,582,51	
Variable:	DV129	Position:	1276	Length:	3	1000		
		oor activities in natura		anada.(B12L4B	-B12L4E))		
Allowed Min:	000	Allowed Max:	995					
						FREQ	WTI	
001:368						3,153	1,292,90	
996		cip/Not applicable				57,358	22,179,70	
999	Not stat	ed				278	109,90	
						60,789	23,582,51	

000 PUBLIC USE MICRO-DATA FILE						
DV130	Position:	1279	Length:	3		
			lated activities i	n Canada	a. (C14L1B-C1	4L1D)
000	mowed max.	773				
					FREQ	WTI
					3,062	1,142,07
Valid sk	ip/Not applicable				56,905	22,111,79
Not state	ed				822	328,64
					60,789	23,582,51
DV131	Position:	1282	Length:	3		
takan nrimarila	y for non-consumntiv	a wildlifa ra	atad activities i	n Canada	(C141.2D C1	41.20)
			ateu activities ii	n Canada	i. (C14L2B-C1	4L2D)
	THEO THOM ITAGOS.	,,,,				
					FREO	WTI
					927	356,40
Valid sk	ip/Not applicable				59,760	23,186,92
					102	39,18
					60,789	23,582,510
DV/122	n :	1205		3		
DV132	Position:	1285	Length:	3		
					a. (C14L3B-C)	4L3D)
	Position: y for non-consumptiv Allowed Max:				a. (C14L3B-C1	4L3D)
s taken primarily	for non-consumptiv	e wildlife-re			a. (C14L3B-C1 FREQ	WTI
s taken primarily 000	y for non-consumptiv Allowed Max:	e wildlife-re				WTI 165,10
s taken primarily 000 Valid sk	y for non-consumptiv Allowed Max: ip/Not applicable	e wildlife-re			FREQ	WTI
s taken primarily 000	y for non-consumptiv Allowed Max: ip/Not applicable	e wildlife-re			FREQ 410	WTI 165,10
	Valid sk Not state DV131 taken primarily	Valid skip/Not applicable Not stated DV131 Position:	Valid skip/Not applicable Not stated DV131 Position: 1282 taken primarily for non-consumptive wildlife relation to the	taken primarily for non-consumptive wildlife related activities i 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV131 Position: 1282 Length: taken primarily for non-consumptive wildlife related activities i 000 Allowed Max: 995 Valid skip/Not applicable	taken primarily for non-consumptive wildlife related activities in Canada 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV131 Position: 1282 Length: 3 taken primarily for non-consumptive wildlife related activities in Canada 000 Allowed Max: 995 Valid skip/Not applicable	taken primarily for non-consumptive wildlife related activities in Canada. (C14L1B-C1 000 Allowed Max: 995 Valid skip/Not applicable 56,905 Not stated 5822 DV131 Position: 1282 Length: 3 taken primarily for non-consumptive wildlife related activities in Canada. (C14L2B-C1 000 Allowed Max: 995 FREQ 927 Valid skip/Not applicable 59,760 Not stated 59,760 Not stated 102

Tet 14			000 PUBLIC USE MICRO-DATA FILE							
DV133	Position:	1288	Length:	3						
aken primarily		ing in Canad	a. (E13L1B-E1	3L1D)						
000	Allowed Max:	995								
					FREQ	WTI				
						2,691,22				
						20,469,97				
Not state	ed				1,152	421,31				
					60,789	23,582,510				
DV134	Position:	1291	Length:	3						
aken primarily	for recreational fish	ing in Canad	a. (E13L2B-E1)	3L2D)						
000	Allowed Max:	995								
					FREQ	WTI				
						760,29				
						22,763,22				
Not state	ed				154	59,00				
					60,789	23,582,510				
DV135	Position:	1294	Length:	3						
1	6		/E1212D E1	31. 3 D						
000	Allowed Max:	995	a. (E13L3B-E1	3L3D)						
					FREQ	WTI				
					787	279,67				
					- , -	23,281,38				
Not state	ed				67	21,45				
					60,789	23,582,51				
	DV134 aken primarily 000 Valid sk. Not state DV135 aken primarily 000 Valid sk. Not State	Valid skip/Not applicable Not stated DV134 Position: aken primarily for recreational fish 000 Allowed Max: Valid skip/Not applicable Not stated DV135 Position: aken primarily for recreational fish	Valid skip/Not applicable Not stated DV134 Position: 1291 aken primarily for recreational fishing in Canad 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV135 Position: 1294 aken primarily for recreational fishing in Canad 000 Allowed Max: 995 Valid skip/Not applicable Valid skip/Not applicable	Valid skip/Not applicable Not stated DV134 Position: 1291 Length: aken primarily for recreational fishing in Canada. (E13L2B-E1 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV135 Position: 1294 Length: aken primarily for recreational fishing in Canada. (E13L3B-E1 000 Allowed Max: 995	Valid skip/Not applicable Not stated DV134 Position: 1291 Length: 3 aken primarily for recreational fishing in Canada. (E13L2B-E13L2D) 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV135 Position: 1294 Length: 3 aken primarily for recreational fishing in Canada. (E13L3B-E13L3D) 000 Allowed Max: 995 Valid skip/Not applicable	Valid skip/Not applicable Not stated DV134 Position: 1291 Length: 3 aken primarily for recreational fishing in Canada. (E13L2B-E13L2D) 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV135 Position: 1294 Length: 3 aken primarily for recreational fishing in Canada. (E13L3B-E13L3D) 000 Allowed Max: 995 DV135 Position: 1294 Length: 3 aken primarily for recreational fishing in Canada. (E13L3B-E13L3D) 000 Allowed Max: 995 FREQ 787 787 787 787 787 787 787 787 787 78				

	0	PUBLIC U	SE WHER	O-DATA FI	LE		Page 170
Variable:	DV136	Position:	1297	Length:	3		
variable.	D v 130	Fosition:	1297	Lengin:	3		
Number of trips Allowed Min:	taken primarily 000	y for hunting waterfor Allowed Max:	owl in Canada 995	a.(DV33-34)			
001 : 099						FREQ	WTI
996	Valid sk	ip/Not applicable				844 59,945	235,362 23,347,154
						60,789	23,582,510
Variable:	DV137	Position:	1300	Length:	3		
Number of trips Allowed Min:	taken primarily 000	y for hunting birds o Allowed Max:		erfowl in Canad	a.(DV35	-36)	
						FREQ	WTI
001 : 366 996	Valid sk	ip/Not applicable				1,282 59,507	374,726 23,207,790
						60,789	23,582,510
Variable:	DV138	Position:	1303	Length:	3		
Number of trips Allowed Min:	taken primarily 000	y for hunting small g Allowed Max:	ame mamma 995	ls in Canada.(D'	V37-38)		
001 - 300						FREQ	WTE
001 : 200 996	Valid sk	ip/Not applicable				838 59,951	230,452 23,352,064
						60,789	23,582,516

	00	PUBLIC U	PUBLIC USE MICRO-DATA FILE				
Variable:	DV139	Position:	1306	Length:	3		
Number of trip Allowed Min:	os taken primarily 000	for hunting large g Allowed Max:		s in Canada.(D\	/39-40)		
						FREQ	WTD
001:200						2,557	720,601
996	Valid sk	ip/Not applicable				58,232	22,861,915
						60,789	23,582,516
Variable:	DV140	Position:	1309	Length:	3		
Number of trip	os taken for hunti	ng waterfowl.(F15F		DL1)			
						FREO	MED
001:099						FREQ 728	WTD 205,071
996	Valid sk	ip/Not applicable				59,945	23,347,154
999	Not state					116	30,291
						60,789	23,582,516
						00,769	23,302,310
Variable:	DV141	Position:	1312	Length:	3		
Number of trip Allowed Min:	os taken for hunti 000	ng waterfowl.(F15: Allowed Max:		1DL2)			
						FREO	WTD
						129	37,856
001:050		ip/Not applicable				60,639	23,538,375
	Valid sk	ip i vot appliedole					
996	Valid sk Not state					21	6,285
001 : 050 996 999						60,789	23,582,516

May 30, 200	00	PUBLIC U	PUBLIC USE MICRO-DATA FILE				
Variable:	DV142	Position:	1315	Length:	3		
Number of trip	s taken for hunti	ng birds other than v	waterfowl.(F)	5H2BL1-F15H	2DL1)		
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTI
001:366						1,076	317,37
996	Valid sk	ip/Not applicable				59,507	23,207,79
999	Not state	ed				206	57,35
						60,789	23,582,510
Variable:	DV143	Position:	1318	Length:	3		
Number of trip. Allowed Min:	s taken for hunti 000	ng birds other than vallowed Max:	waterfowl.(F1	5H2BL2-F15H	2DL2)		
						FREQ	WTI
001:030						175	53,979
996		ip/Not applicable				60,579	23,516,844
999	Not state	ed				35	11,693
						60,789	23,582,516
Variable:	DV144	Position:	1321	Length:	3		
Number of trip	s taken for hunti	ng small mammals.(F15H3BL1-F	F15H3DL1)			
Allowed Min:	000	Allowed Max:	995				
						FREQ	WTI
001:366						669	183,539
996	Valid sk	ip/Not applicable				59,951	23,352,064
999	Not state	ed				169	46,914
						60,789	23,582,516

May 30, 2000 PUBLIC USE MICRO-DATA FILE							
DV145	Position:	1324	Length:	3			
taken for hunti 000	ng small mammals.(Allowed Max:	F15H3BL2-F 995	15H3DL2)				
					FREO	WTI	
					87	27,61	
Valid sk	ip/Not applicable				60,681	23,547,40	
					21	7,50	
					60,789	23,582,51	
Distance	D	1222					
DV 146	Position:	1327	Length:	3			
taken for hunti 000	ng large mammals.(I Allowed Max:	F15H4BL1-F 995	15H4DL1)				
					FREQ	WTI	
						607,29	
						22,861,91	
Not state	ed				400	113,30	
					60,789	23,582,51	
DV147	Position:	1330	Length:	3		H. R.	
takan fan hunti	na larga mammala ()	CISUADI 2 E	ISHADI 2)				
000	Allowed Max:	995	13N4DL2)				
					FREQ	WTI	
37 31 4	:- /h1-41:1.1					143,19	
						23,423,25	
Not state	ed				32	16,06	
					60,789	23,582,51	
	DV145 taken for hunti 000 Valid sk Not state DV146 taken for hunti 000 Valid sk Not state DV147 taken for hunti 000 Valid sk	DV145 Position: taken for hunting small mammals.(000 Allowed Max: Valid skip/Not applicable Not stated DV146 Position: taken for hunting large mammals.() 000 Allowed Max: Valid skip/Not applicable Not stated DV147 Position: taken for hunting large mammals.()	taken for hunting small mammals.(F15H3BL2-F 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV146 Position: 1327 taken for hunting large mammals.(F15H4BL1-F 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV147 Position: 1330 taken for hunting large mammals.(F15H4BL2-F 000 Allowed Max: 995	taken for hunting small mammals.(F15H3BL2-F15H3DL2) 1000 Allowed Max: 995 Valid skip/Not applicable Not stated DV146 Position: 1327 Length: taken for hunting large mammals.(F15H4BL1-F15H4DL1) 1000 Allowed Max: 995 Valid skip/Not applicable Not stated DV147 Position: 1330 Length: taken for hunting large mammals.(F15H4BL2-F15H4DL2) 1330 Allowed Max: 995 Valid skip/Not applicable Valid skip/Not applicable	taken for hunting small mammals.(F15H3BL2-F15H3DL2) 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV146 Position: 1327 Length: 3 taken for hunting large mammals.(F15H4BL1-F15H4DL1) 000 Allowed Max: 995 Valid skip/Not applicable Not stated DV147 Position: 1330 Length: 3 taken for hunting large mammals.(F15H4BL2-F15H4DL2) 000 Allowed Max: 995 Valid skip/Not applicable Valid skip/Not applicable	DV145	

May 30, 2000 PUBLIC USE MICRO-DATA FILE							
Variable:	DV148	Position:	1333	Length:	6		
Amount of expen	ditures on nat	ure-related activities	in Canada.(D	V60-97)			
Allowed Min:	000000	Allowea Max:	999993				
						FREQ	WTI
000000 : 209439	Valid de	in (Nick couling blo				40,081	15,045,04
999996	v and sk	ip/Not applicable				20,708	8,537,470
						60,789	23,582,510
Variable:	DV149	Position;	1339	Length:	6		
Amount of expen	ditures on dire	ect nature-related act Allowed Max:	ivities in Can 999995	ada.(DV62-97)			
						FREQ	WTI
000000 : 209229						39,470	14,809,38
999996	Valid sk	ip/Not applicable				21,319	8,773,13
						60,789	23,582,510
Variable:	DV150	Position:	1345	Length:	6		
Amount of expen	ditures on trip	s for outdoor activiti Allowed Max:	es in natural a	areas in Canada	.(DV62-	66)	
						FREQ	WTI
000000 : 209154						26,524	10,295,600
999996	Valid sk	ip/Not applicable				34,265	13,286,91
						60,789	23,582,516

May 30, 2000 PUBLIC USE MICRO-DATA FILE							Page 175
Variable:	DV151	Position:	1351	Length:	6		
Amount of expendence of Allowed Min:	nditures on prin	nary non-consumpti Allowed Max:	ve wildlife-re 999995	lated trips in Ca	ınada. (E	OV67-71)	
000 <mark>00</mark> 0 : 019713 999996		ip/Not applicable				FREQ 3,884 56,905	WTE 1,470,725 22,111,791
						60,789	23,582,516
Variable:	DV152	Position:	1357	Length:	6		
Amount of expendance Allowed Min:	oditures on rec	reational fishing trip Allowed Max:	os in Canada 999995	n total.(DV73-	77)		
000000 : 036035 999996		ip/Not applic <mark>able</mark>				FREQ 8,919 51,870	WTD 3,112,539 20,469,977
						60,789	23,582,516
Variable:	DV153	Position:	1363	Length:	6		
Amount of expendance Allowed Min:	nditures on hur 000000	ating waterfowl in C Allowed Max:		.(DV78-82)			
000000 : 006285 999996		ip/Not applicable				FREQ 769 59,945	WTD 216,868 23,347,154
999997		reported in other hi	unting type			75	18,494
						60,789	23,582,516

May 30, 2000	May 30, 2000 PUBLIC USE MICRO-DATA FILE							
Variable:	DV154	Position:	1369	Length:	6			
Amount of exper Allowed Min:	oditures on hur 000000	nting birds other than Allowed Max:	waterfowl in 999995	Canada in tota	l.(DV83	-87)		
						FREQ	WTI	
000002:008951						1,199	350,14	
999996	Valid sk	ip/Not applicable				59,507	23,207,79	
999997		reported in other hu	nting type			83	24,58	
						60,789	23,582,510	
Variable:	DV155	Position:	1375	Length:	6			
Amount of exper	ditures on hur	nting small mammals	in Canada in	total.(DV88-92	2)			
Allowed Min:	000000	Allowed Max:	999995					
						FREQ	WTI	
000002 : 036600						745	207,603	
999996		ip/Not applicable				60,044	23,374,91	
999997	Expense	reported in other hu	nting type			0	(
						60,789	23,582,510	
Variable:	DV156	Position:	1381	Length:	6			
variable.	D 1 130	rosmon.	1301	Lengin.	U			
		nting large mammals		total.(DV93-97)			
Allowed Min:	000000	Allowed Max:	999995					
						FREQ	WTI	
000002 : 043105						2,544	716,743	
999996		ip/Not applicable				58,232	22,861,91	
999997	Expense	reported in other hu	nting type			13	3,85	
						60,789	23,582,51	
						60,789	23,582	

SURVEY ON THE IMPORTANCE OF NATURE TO CANADIANS DURING 1996

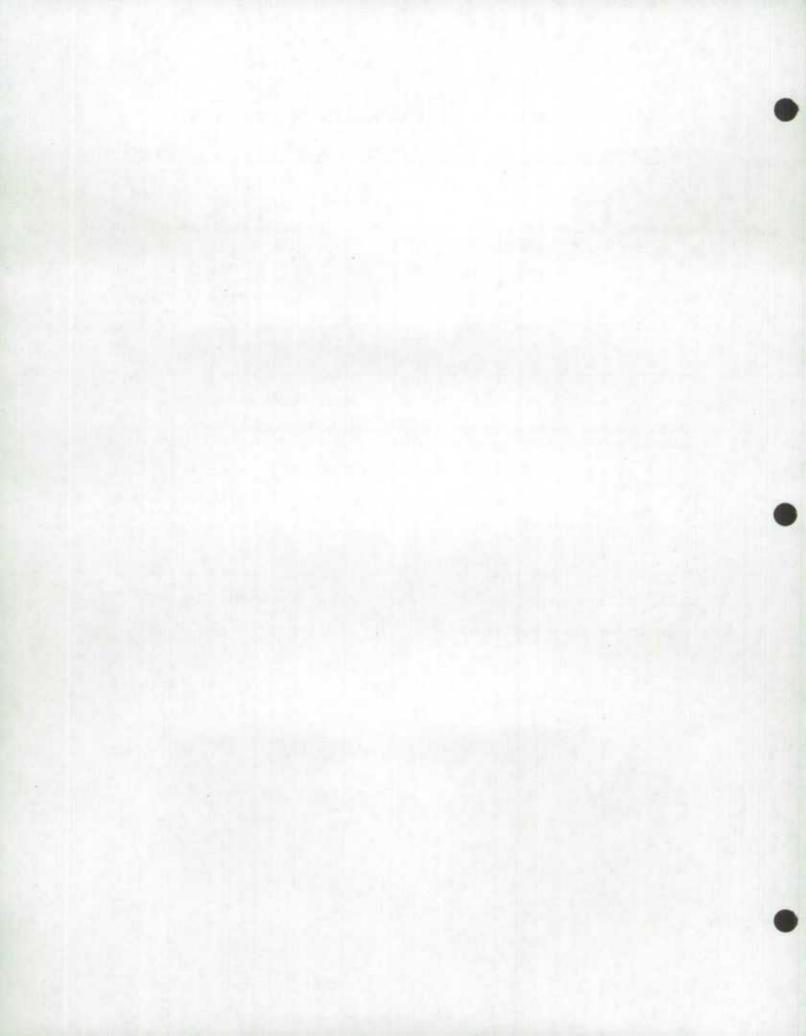
	00	PUBLIC US	PUBLIC USE MICRO-DATA FILE				Page 177
Variable:	DV157	Position:	1387	Length:	6		
Amount of exp Allowed Min:	enditures on hur 000000	nting in Canada.(DV) Allowed Max:	78-97) 999995				
						FREQ	WTD
000002 : 08215	51					3,560	995,685
999996		ip/Not applicable				57,229	22,586,832
						60,789	23,582,516
Variable:	DV158	Position:	1393	Length:	6		
Amount of exp	enditures on trai	nsportation on huntin Allowed Max:	ig in Canada i 999995	n total.(DV78.	83,88,93)	
						FREO	WTD
000000 : 01525	50					FREQ 3,560	
000000 : 01525 999996		ip/Not applicable				3,560 57,229	995,685
		ip/No t applicable				3,560	995,685 22,586,832
		ip/Not applicable Position:	1399	Length:	6	3,560 57,229	995,685 22,586,832
999996 Variable:	Valid sk					3,560 57,229 ———————————————————————————————————	995,685 22,586,832
999996 Variable: Amount of exp	Valid sk DV159 enditures on acc	Position:	ting in Canad			3,560 57,229 60,789	995,685 22,586,832 23,582,516
999996 Variable: Amount of exp	DV159 enditures on acc 000000	Position:	ting in Canad			3,560 57,229 ———————————————————————————————————	WTD 995,685 22,586,832 23,582,516 WTD 995,685
999996 Variable: Amount of exp Allowed Min:	DV159 enditures on acc 000000	Position:	ting in Canad			3,560 57,229 60,789	995,685 22,586,832 23,582,516

SURVEY ON THE IMPORTANCE OF NATURE TO CANADIANS DURING 1996

May 30, 200	00	PUBLIC U	JSE MICR	O-DATA FI	ILE		Page 178
Variable:	DV160	Position:	1405	Length:	6		
Amount of exp	penditures on foc 000000	od on hunting in Car Allowed Max.		OV80,85,90,95)			
000000 : 0021 999996		cip/Not applicable				FREQ 3,560 57,229	WTI 995,68 22,586,83
						60,789	23,582,510
Variable:	DV161	Position:	1411	Length:	6		
Amount of exp Allowed Min:	penditures on equ 000000	nipment on hunting Allowed Max.		otal.(DV81,86,9	91,96)		
000000 : 0766						FREQ 3,560	WTI 995,683
999996	Valid Sk	ip/Not applicable				57,229	22,586,832
						60,789	23,582,516
Variable:	DV162	Position:	1417	Length:	6		
Amount of exp Allowed Min:	oenditures on oth 000000	er items on hunting Allowed Max.		V82,87,92,97)			
000000 : 0150						FREQ 3,560	WTI 995,683
999996	Valid sk	ip/Not applicable				57,229	22,586,832
						60,789	23,582,516

SURVEY ON THE IMPORTANCE OF NATURE TO CANADIANS DURING 1996

May 30, 2000 **PUBLIC USE MICRO-DATA FILE** Page 179 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 FREO WTD 000000: 021759 4,420 1,716,942 Valid skip/Not applicable 56,369 21,865,574 999996 60,789 23,582,516 Variable: DV164 Position: 1429 Length: Amount of expenditures on recreational fishing in Canada and the U.S.. (DV99&DV152) Allowed Max: Allowed Min: 000000 **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: Labour force survey weight stored as 9.4(xxxx.xxxx)



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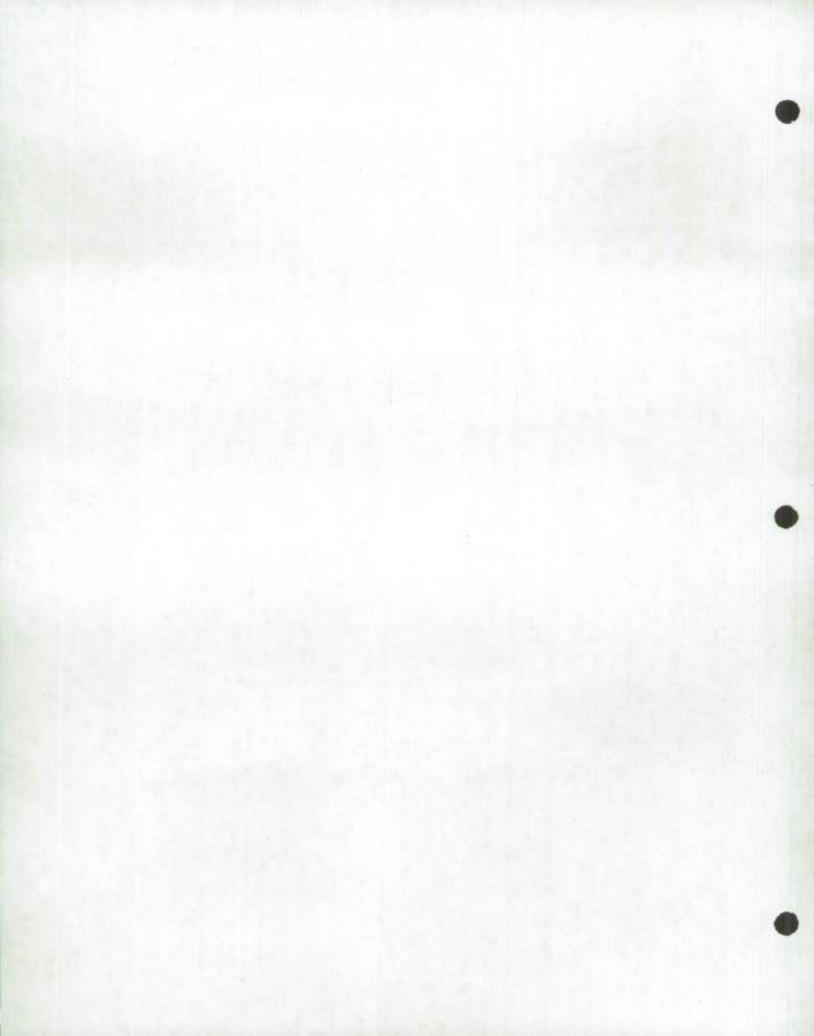
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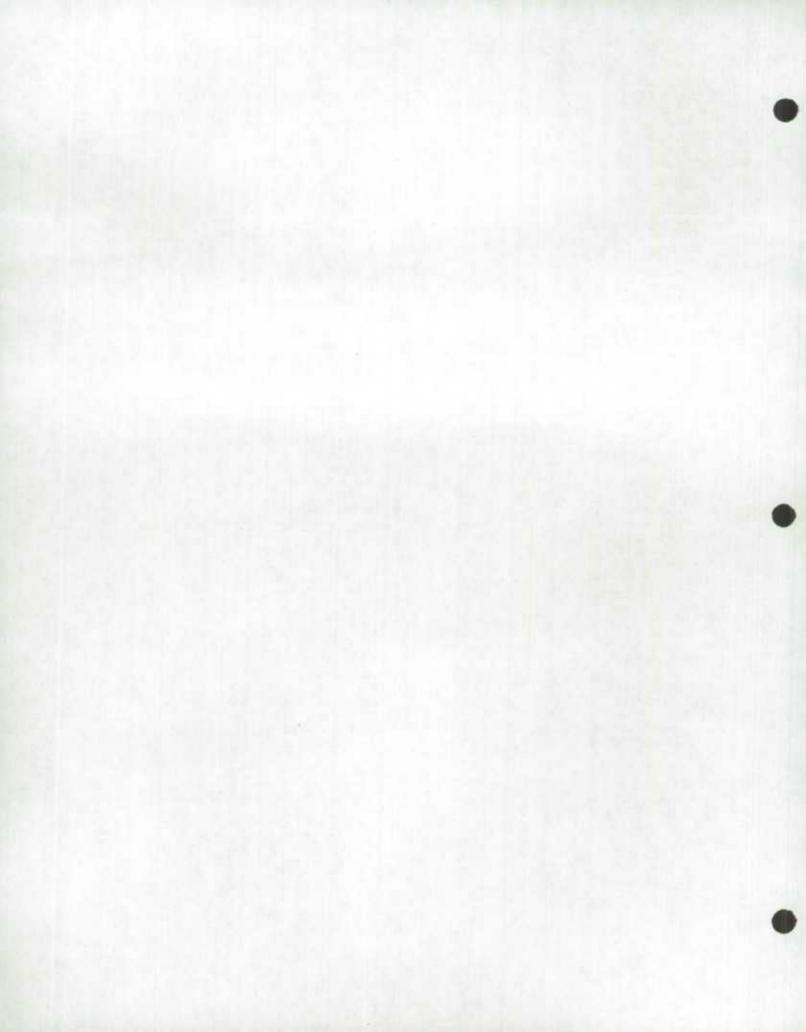
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Survey on the importance of Nature to Canadians during 1996



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6 Address			
7		Prov.	
Postel C			

For use by	
Statistics Canad	ļ

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 mean 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 or participation, time and expenditures. A separate survey will assess attitudes towards nature. Your answers to this survey, combined with others, will help the apencies sponsoring the survey to maintain an abundance and variety wildfife, 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 wildfife, water, forestry, tourism and partis. 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 angleis vous a été posté par erreur et si vous en desirez un en français, veuillez nous appeler à frais vinés

PLEASE READ THESE IMPORTANT DEFINITIONS AND GUIDELINES

WILDLIFE:

Means wild birds and other wild animals. The 5 types of wildfile include waterfowl, other wild birds, small and large mammals and other wildfile 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.



WATERPOWL: For example, ducks, geese, herons, cranes...



PORESTED AREAS:

Includes large landscapes of trees (woodlands) and smaller concentra-tions of trees in rural and urban areas.



OTHER IMPDS:
All other wild birds such as robins sparrows, warblers, hawks, owis, grouse, partridge, pheasants.



WATER BODIES: Includes treatwester takes, rivers and streams, the Pacific, Atlantic and Arctic Oceans.



SMALL MARMALS: For example, rabbits, squirrels, raccoons, foxes, groundhogs, beaver and other fur-beavers...







WETLANDS:

For example, mershes, swamps, potholes, bogs...



LARGE MAMMALS: For example, deer, beer, cougar, moore, mountain sheep, carbou, seals, whales...



OPEN FIELDS: cultivated fields, For example, grasslands, praine.



OTHER WILDLIFE: Includes all remaining wildlife such as butterflies, trogs, snakes, lizards...





OTHER TYPES OF AREAS: For example, scrubland, caves, cliffs, mountains...

Fram: Means fish found in fresh and salt water (falses, rivers, streams, oceans and other natural water bodies). For example, salmon, cod, trout, walleye, perch, pike, ameli ...

1-5300-56.1: 1996-11-08 STC/SSD 040-02936

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Canadä

Definitions and Guidelines, continued What should be reported in questions on days and trips. 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 Report the number of times you left your residence for a given activity and spent at least one night away from home. SAME-DAY 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. THE PERSON OF THE FOREST PORCE TO BE SANDED TO SELECT TO SERVICE T 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, 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, footweer, 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...) - Bosts/Motors (bosts, canoes, kayaks, salibosts, bost motors...) - Vehicles (trucks, campers, RVs/motorhomes, ATVs...) - Any other equipment OTHER ITEMS: wixinude 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 riems for hunting (ammunition, dog maintenance) or fishing (bait, tackle, line...) Include recreation and entertainment costs (licenses, entry

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 enswered "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 $\widehat{\mathscr{G}}$ or enter the information requested in the boxes provided. Mark all your answers clearly. 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 Yes ¹ → Complete Section B areas on front page) No 2 → Strip Section B Sightseeing in natural areas Hiking/beckpecking Photographing natural areas Climbing Gathering nuts, berries or firewood Horseback riding Picnicking Cycling Off-road vehicle use Camping Swimming/beach activity Downhill skiing Canoeing/kayeking/salling Cross-country skiing/snowshoeing Snowmobiling Power boating Relaxing in an ou'door setting In 1996, did you take any same-day or overnight trips within Canada for which the main reason was to watch, teed, photograph or study wildlife? (For example, trips for birdwatching, wildlife photo-graphy, whalewatching...) Yes ³ → Complete Section C No ⁴ → Skip Section C 3. In 1996, did you watch, feed, Yes ⁵ → Complete Section D photograph or study wildlife around your residence? No * ○ → Sloic Section D In 1996, did you take any same-day or overnight trips within Canada for which the main reason Yes ¹ ○ → Complete Section E No * ○ → Skip Section E was to fish for recreation? In 1996, did you hunt wildlife in Canada? Yes 1 → Complete Section F No 2 → Skip Section F

.:.	Ouring 1996 (Univery 1, 1996 to				
	December 31, 1996) did you take part in any of the following activities?			Yes	No
		Read books, magazines or art on nature (wildlife, fish, forests water, grasslands)	l _t	. 'O	:0
		Watch films or TV programs on nature		. 30	'0
		Purchase art, crafts or posters of nature	1	. BO	00
		Visit a zoo, game farm, aquari museum of natural history	um or	. 'O	٥٥
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		Great interest in parti- cipating	Some interest in parti- cipating	No sisteress in parti- cipating
	interest in continuing to take part in the activity)	Joining or contributing to a naturalist, conservation or sportmans' club	01 (œ ()	03 O
		Watching, feeding, photographing or studying wildlife	D4 ()	06 (01 ()
		Hunting wildlife	07 🔘	°° ()	00 🔾
		Trapping for food or fur	10 🔘	"()	12 🔾
		Recreational fishing	13 🔾	140	15 🔾
		Outdoor activities in natural areas such as camping, ptonicking, hiking, riding, cycling, aking, snowshoeing, off-noat vehicle use, swimming, boating	16 🔾	17 🔘	18 🔘
A3.	During 1996, did you belong or contribute to any naturalist, conservation or sportsmans' clubs?	Yes¹ ○ No ² ○ →	Go to O	uestion 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. To conserve or restore a nat None of the above	ural settii		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			

Page 2

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 No ¹ → Go to Section C Yes 'O page) 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 siding/snowshoeing Snowmobiling Relaxing in an outdoor setting B2. How many of these trips did you take in 1996? Total number of same-day trips Total number of overnight trips B3. How many days in total did you spend on outdoor activities while on these trips? Days in your province or territory Elegwhere in Canada What was the total amount of money you personally spent for these trips to perticipate 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 enything on that category) .00 S .00 \$ 2 Accommodation00 \$ Food. Equipment used primarily for outdoor activities in natural areas .00 \$.00 31 B5. Would you still have taken these trips if your costs had been more? Yes 1 O 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 Less than \$50 ³ \$200 to \$399

\$100 to \$199 ⁵

Go to question 87 on page 4

1996?

Page 3

10

\$400 to \$799 . .

\$800 or more

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.

		The state of the s
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, lown 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 OR 2 Kilometres Miles
B12	During 1996, how many same-day and overnight trips did you take to this location for outdoor activities?	Same-day trips Overnight trips
B13	How many days in total did you take part in outdoor activities at this location?	Only s
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 22 Sathering nuts, berries, firewood 00 Picnicking 04 Camping 05 Swimming/beach activity 00 Canceing/kayaking/satiling 07 Canceing/kayaking/satiling 07 Canceing/kayaking/satiling 07 Canceing/kayaking/satiling 07 Canceing/kayaking/satiling 07 Canceing/kayaking/satiling 09 Climbing 10 Climbing 10 Climbing 10 Chroad vehicle use 13 Country skiing/snowshoeing 14 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, leeding, photographing or studying wildlife Fishing for recreation 2 Hunting wildlife 3

CONTRACTOR SOLE		
Province or tenflory	Province or territory	Province or tentiory
	,	F
City, town or village	City, town or village	Cley, town or village
Yes ¹ ○ No ² ○ → Go to Question B11	Yes ¹ ○ No ² ○ → Go to Ouestion B11	Yes ¹ No ²) → Go lo Question 811
	F - 1 - 1 - 1 - 1	
Park or protected area.	Park or protected area	Park of protected area
OR 2	n RO	OR 2
Klometres Miles	Kitometree Miles	Kliometrus Miles
	3	3
Same-day tribe Overnight trips	Same-day trips Overnight trips	Same-day trips Overright inpa
Same-day tripe Overnight tripe	same-day inpa	CHEMIGHT EIDE
Days	Days	Days
Sightneeing in natural areas 01 🔘	Sightseeing in natural areas 01 ()	Sightseeing in natural areas 01 O
Photographing natural areas ○	Photographing natural areas 02 🔾	Photographing natural areas 02
Gathering nuts, berries, firewood .00	Gathering nuts, betries, firewood. □	Gathering nuts, berries, firewood 03
Prenicting 04 O	Picnicking	Picniciding 64 O
Camping 05 O	Camping 05 O	Camping On C
Swimming/beach activity08	Swimming/beach activity 08	Swimmin-y/beach activity 08 (
Canceing/kayaking/sailing	Cenceing/keyeking/salling 07	Canceing kayaldng/sailing 67 🔾
Power boeting 08	Power boating 08	Power bouting
Hilding/backpecking 09 0	Hiking/backpacking	Hilking/backpacking
Climbing 10 O	Climbing 10 O	Climbing 10 C
Horseback riding 11 O	Horseback riding	Horseback riding
Cycling 12 O	Cycling 12 O	Cycling 12 C
Off-road vehicle use	Off-road vehicle use	Off-road vehicle use
Downhill skiing	Downhill skiing	Downhill elding 14 C
X-country skiing/snowshoeing 15 0	X-country ekling/enowshoeing 15 0	X-country skiing/snowshoeing ¹⁵
Snowmobiling	Snowmobiling	Snowmobiling 10 C
Relaxing in an outdoor setting 17	Relexing in an outdoor setting 17	Releasing in an outdoor setting
Watching, feeding, photographing or studying wildlife	Watching, feeding, photographing or studying wildlife	Watching, feeting, photographing or studying wildlife
Fishing for recreation	Fishing for recreation 2 Hunting writing 2	Fishing for recreation. 2

Page 5

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...) No ² → Go to Section D on page 7 Yes 1 O C2. During these trips, in which of the following activities did you participate? (Mark all that 10 Watching wildlife apply) 20 Feeding wildlife . . 30 10 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) .0 Waterlowi 20 30 Small mammals 10 10 C4. How many of these trips did you take in Tripe Total number of same-day trips Total number of overnight trips C5. How many days during 1996 did you watch, feed, photograph or study wildlife while on these trips? Days In your province or territory. Elsewhere in Canada C8. 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 .00 \$.00 \$ anything on that category) .00 \$3 Equipment used primarily for these wildlife activities .00 \$.00 \$ 5 C7. Would you still have taken these trips if your costs had been more? Yes ' O 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 O \$200 to \$299 . . . 20 \$20 to \$49 \$300 to \$399

\$50 to \$99 3 O

\$100 to \$199 *

70

\$400 to \$599

\$600 or more .

Coextions (2) in C12 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, lown or village City, town or village C11. Was this location in a national or provincial Yes¹ O No 2O Yes¹O No 2O Yes¹ O No 2 O park or other protected area? Go to Question C13 Go to Question C13 Go to Questio 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) OR OR OR Miles Miles Miles C14. During 1996, how many same-day and overnight trips did you take to this location to watch, feed, photograph or study Same-day trips Same-day trips Same-day trips wildlife? Overnight trips Overnight trips Overnight trips C15. How many days in total did you watch, feed, photograph or study wildlife at this location? 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 Yes 1 No 2 → Go to Section E residence? D2. In which of the following activities did you participate around your residence? (Mark Purchasing or putting out special feed for wildlife ... 3 all that apply) Watching wildlife * Studying and identifying different types of wildlife ... 5 70 Photographing wildlife. D3. Which of the following types of wildlife did you watch, feed, photograph or study around your residence? (Mark all that Waterlow! 20 Other birds . . apply. See definition of types of wildlife on front page) 3 O 10 Large mammais. 50 Other wildlife.

Section C

(continued)

Sc	ection D (continued)	
D4.	On how many different days did you participate in these activities around your	
	residence in 1996?	1 to 9 days 100 to 149 days
		10 to 19 days 2 150 to 199 days
		20 to 49 days 3 200 days or more . 7 0
		50 to 99 days ⁴
D5.	What was the total amount of money you	
	personally spent to participate in these activities around your residence in 1996?	Nothing 1 \$25 to \$49 5
	(Include costs for feeders, food for wildlife, birdhouses, magazines, film, cameras	Less than \$5 2 \$50 to \$99 6
	used primarily for wildlife)	\$5 to \$9
		.0
		\$10 to \$24° \$200 or more°
Se	ction E: Questions on fish	ning for recreation
-		not report the same activity in more than one
1.	Questionnaire to decide if you she 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 O
E3.	How many of these trips did you take in 1996?	Trips
		Total number of same-day trips
		Total number of overnight trips
Ē4.	Enter the number of days you spent	Days
	fishing for recreation in Canada in 1996 beside the water body where you fished.	Freshwater lakes, rivers, streams
	,	4
		Pacific Ocean
		Atlantic Ocean
5 .	What was the total amount of money you	
	personally spent for these recreational fishing trips in Canada in 1996? (See	Transportation\$1 .00
	examples of expenditures in the definitions. Enter 0 in the appropriate box	
	if you did not spend anything on that	43 40
	category)	Food \$ 00
		for fishing
		Other items
	Would you still have taken these trips if	
:6.	your costs had been more?	Yes ¹ No ² → Go to Question E8 on page 9
	How much more would you have spent	on page 9
		on page 9 Less than \$50 3 \$200 to \$399 5
	How much more would you have spent before deciding not to take these trips in	on page 9

l'age 8

Territory Province of Territory Territory Province of Territory City, town or village Vec 1 No 2 Question Ga to Question E12
or village City, town or village No 2 Ves¹ No 2 Ouestion Go to Questio
or village City, town or village No 2 Ves¹ No 2 Ouestion Go to Question
No 2C Yes¹ No 2C
Question Go to Question
and the second
ched area 1 Kilometres OR 2
y ir pa Same-day trips 4 W 169e Overnight trips
Days
֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜

Go to Question F4 on the next page and answer questions F4 to F16 for each type of hunting that applies to you.

Se	ction F (continued)	V.	×
ОП	ord your answers to questions F4 to F16 in the columns pages 10 and 11 for each of the 4 types of wildlife ited.	Hunting	voterfowl
E4	In 1996, did you hunt this type of wildlife in Canada? (Enter your	Truffilling v	wateriowi
7.	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 O No ⁴ ()
F6.	How many same-day and ovemight trips did you take to hunt this type of wildlife?	Same day trips	Trips.
F7.	How many days in 1996 did you hunt this type of wildlife?	In your province or territory	Daye
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 \$ Accommodation \$ Food\$.00
		Equipment used primarily to hunt waterlowl \$.00
F9.	Would you still have hunted this type of wildlife if your costs had been more?	Yes¹ O No ² (→ Go to Question F11
FtO.	How much more would you have spent before deciding not to hunt this type of wildlife in 1998?	\$50 to \$99 4 🔾	\$200 to \$399 . ⁶ O \$400 to \$799 . ⁷ O \$800 or more ⁸ O
Que wild pro	etione F11 to F16 ask for details of the locations in Canade life in 1996. Start with the location at which you spent th rided for up to 2 different locations for each type of wildlife hu	e most days hun inted.	ting. Space is
Can	In udulah mendaga ay tamihany yan thin Jacobian 2	Saladana,	Location 2
-11.	In which province or territory was this location?		
_		Province or Territory	Province or Terreory
F12.	What was the name of the city, town or village nearest to this location?		
F40	What was the same of any analogist and an other restants	City, town or village	City, lown or village
-13.	What was the name of any provincial park or other protected area at this location?		
F14	About how to favor your projector was this location? (Fator	Perk or protected area.	Park or protected area
r 14	About how far from your residence was this location? (Enter one-way distance in kilometres or miles)	Kilometres OR 2	1 Kilometres OR 2
F15	During 1996, how many same-day and overnight trips did you	3	3
	take to this location to hunt this type of wildlife?	Seme-day trips	Same-day trips
		4/	4
		Overnight trips	Overnight trips
F16	. How many days in total did you hunt this type of wildlife at this		
	location?	Days	Days

f'age 10

	V	1	Si	
Hunting other birds	Hunting small c	jame mammals	Hunting large	ame mammals
Yes¹	Yes ¹ No ²	Go to next column	Yes¹ No ² C	Go to Section G on page 12
Yes3 No 4 O	Yes ³ No ⁴		Yes ³ No ⁴	
Same day trips	Same day trips Overnight trips		Same day trips	Trips
In your province or territory	In your province or territory	Oeys 3	In your province or territory Elsewhere in Cana	4
Transportation \$.00 Accommodation \$.00 Food \$.00	Transportation \$ Accommodation \$ Food	.00	Transportation . \$ Accommodation \$ Food	.00
Equipment used primarily to hunt other birds \$.00 Other items \$.00	Equipment used primarity to hunt small game mammais \$ Other items \$.00	Equipment used primarily to hunt large game mammals \$\text{Other items}\$.00
Yes \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Lees than \$50 3 O \$50 to \$99 , 4 O	Go to Question F11 \$200 to \$398 .	Yes 1 No 2 (Less than \$50.3 () \$50 to \$89 4 () \$100 to \$199 . 5 ()	\$200 to \$399 . ⁶ O \$400 to \$799 . ⁷ O
Province or Territory Province or Territory City, town or village City, town or village	Province or Territory City, town or village	Province of Territory City, town or village	Province of Territory City, lower or village	Province or Territory City, fown or village
Park or protected area. Park or protected area. 1 1 1 Knowletee OR OR 2	Kliometres OR	Park or protected eres	Park or protected arris	Park or protected eras
Miles Miles 3 3 Serve-day trips 4 a Overnight trips Overnight trips	Same-day trips 4 Overnight trips	Miles 2 Berne-day trips 4 Overnight trips	Miles 3. Same-day trips 4. Overnight trips	Seme-day trips 4 Overnight trips
Days Days	Days	Days	Days	Days

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Section G : Questions on fish a in the United State	
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?	Dieys
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
36. 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
38. 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	\$ CAN '
items. Report your answer in Canadian or US dollars)	\$ US 2 .00
 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 5 \$ \$50,000 to \$9,999 3 \$40,000 to \$49,000 7 \$ \$10,000 to \$19,999 4 \$50,000 or more 6
To avoid duplication, Statistics Canada has entered the Statistics Act with Environment Canada, the Can Tourism Commission and provincial and territorial acurvey. These organizations have undertaken to ke statistical purposes. Do you agree to share the inform	adian Forest Service, Parks Canada, the Canadian gencles responsible for wildlife who are funding this per this information confidential and use it only for
Yes ¹ 〇	No ² O
Do you have any comments? (Please write in the spa	ce below)
Thank you for yo	our cooperation!

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