

Report No. 7
Response Rate Sample Study

Canadà

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FOR THE DEVELOPMENT OF THE PROGRAMS

RESPONBE RATE 8AMPLE 8TUDY

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Eighlights

- A mail return rate of $53.2 \%$ permitted us to capture 2076 questionnaires for the study.
- The non-response rate for the coverage questions decreased substantially in comparison to previous surveys.
o Overall, an improved response rate was noted with the new matrix format (one person per column) compared to the previous format (one question per column).
o There is a high rate (9.1\%) of invalid multiple responses to the question on place of residence due to persons who check "Here" and also write in their address which corresponds to "Here".
- Some 90\% of temporary and foreign residents kept answering the questionnaire after question 4, in spite of instructions to the contrary.
o The rate of response to the question on common law status is not as good as in Modular Test 1.
- The response rate for the mother's birthplace is significantly lower than for the father's birthplace.
o The response rates for the questions concerning the Band, First Nation or Tribe of native people were the lowest on the questionnaire. In fact, the non-response rates were higher than the response rates.
- The response rate for the question on race is 97\%.
- Almost a third of persons less than 15 years of age answer the questionnaire past Question 18, despite instructions to the contrary.
o Almost 60 per cent of persons gave their place of residence five years ago twice. This is a problem of over-response.
- With the education questions, many persons simply put an ' $x$ ' in the box where they should have written a number.
- The response rate for the new question on the number of years worked since going to school is about 88\%.
o The rate of (invalid) multiple responses to the question on hourly wages is about $8 \%$ and the rate of non-response is about 5\%.
- The practice of asking households to declare the amount of their property taxes even when these are included in the mortgage payments seems to have had a negative effect on the response rate for the question on the amount of property taxes.
- With the exception of the over-response resulting from place of residence or age factors, the matrix format of the NCT seems to have had a minimal effect on over-response rates.
- Using similar edit rules, the rejection rate for questionnaires in this study is significantly lower than for the questionnaires in the Edit Sample Study of the 1986 Census.
o Using similar edit rules, the rejection rate for questionnaires in this study is the same as for the questionnaires of the 1984 Census Test which had only the questions on the 2A Census Form.
o It would seem that the question on agriculture increases the rejection rate of $2 A$ Census Forms by about $3 \%$.


## 1. The 8tudy

### 1.1 Introduction

The questionnaire which will be used in the next decennial census, to be held in June of 1991, will be significantly different from those used in the censuses of 1981 and 1986. This reflects the evolution of Canadian society and changing data requirements. The National Census Test (NCT) which took place in November of 1988 is part of the planning process for the 1991 census. The principal purpose of the test is to ensure the quality of responses to the questions which will be asked in 1991 and to measure the reaction of respondents to the questionnaire.

The subject of this report, the Response Rate Sample Study (RRSS), is one of the components of the NCT. The objectives of this study are:

1) to provide response rates before the edit and follow-up operation;
2) to estimate the percentage of questionnaires that will require a follow-up.

Similar studies were carried out during past censuses, for example, the Edit Sample Study (ESS) of the 1986. Census (M. Brodeur, (X January, 1988). Response rates have an important effect on the quality of data. They can also help to identify problems that


#### Abstract

respondents might have with certain questions or with the whole of the questionnaire. Also, it is necessary to estimate the proportion of questionnaires requiring a follow-up in order to determine fair compensation for census representatives, who are paid on a piecerate basis.


### 1.2 Methodology

The NCT sample included 39,889 dwellings selected according to the methodology used in the Labour Force Survey. The sample file was sorted according to PSU, group, cluster, rotation number and docket number. A systematic sub-sample of one dwelling in nine was selected for the RRSS. The 4,432 dwellings selected were specially identified on the control list and by the questionnaire's label. The completed questionnaires are mailed by respondents to the regional offices. Those specially identified for use in the RRSS were subsequently sent to Head office. The interviewers did not do any follow-up for the dwellings designated for the study.

The specially marked questionnaires were used only in the study, thus reducing the sample size of the actual NCT by one-ninth. This simplified operations, avoided photocopying problems (the questionnaire is not a standard size) and transcription errors. One inconvenience is that the study sample is not weighted. Although experience has shown that weighting has little effect on response rates, there is reason to believe that it could have an appreciable
effect on the percentage of follow-ups brought about by a "yes" answer at scep 5 (Does anyone in this bousehold operate a sarm, zanch or other agricultural holding?). The measures taken to overcome this inconvenience are discussed in section 3.1.

Head Office received 2,602 questionnaires, which represents a return rate of $2,602 / 4,432 \times 100=58.7 \%$. However, there were banny cases of questionnaires returned directly by the incerviewer when, for example, he/she noticed during drop-off that the dwelling was unoccupied. In such a case the interviewer was to write the code for the type of dwelling into the appropriate box on the questionnaire and code "V" in the box for the final status of the questionnaire (a list of codes and their meanings can be found in Appendix 1). With the exception of these two boxes, the questionnaire would be blank. If by mistake the interviewer did a follow-up or if he completed the questionnaire with the respondent during drop-off, such questionnaires could be identified by the code "X" designating their final status.

Clerks then batched the questionnaires, after eliminating the questionnaires whose final status box had not been left blank, as well as questionnaires that had been improperly cut. Indeed, certain questionnaires opened directly onto pages 4 and 5 , because pages 2 and 3 were bound together in a way that necessarily kept respondents from writing on them. There were 520 questionnaires set
aside because they bore a final status code, and six which were improperly cut. The 2,076 remaining questionnaires were captured by Head Office without grooming. Thus, the return rate for questionnaires in which the interviewer did not intervene was $(2,602-520) /(4,432-520) \times 100=53.2 \%$.

## 2. Response Rates

### 2.1. Introduction

As we will see further on, a detailed analysis of response rates allows us to identify certain problems that respondents might have with the questionnaire. Response rates also give us an objective measure of the initial quality of the data.

We will present the rates obtained in the RRSS both in terms of response and over-response, and then make a comparison with other studies.

### 2.2. Calculation Methods

### 2.2.1. Response

Each response from an individual or a household in the target population is classified into one of the following categories: simple response, non-response, multiple response (valid or invalid) and partial response. We prefer to use the term simple response rather than single response because, for example, of question 32 where the response should be a two-part answer. Precise definitions of these concepts as they apply to each question can be found in appendix 2.

Note that the target population in the case of question 5 (relationship to person 1) includes Person 1, even though their
answer is pre-printed. This tends to produce a lower non-response rate than if calculations were based solely on persons 2 to 6.

We chose the most "natural" way of determining target populations. This method is sometimes known as the direct method. For example, for question 5 , which follows the question on place of residence, the target population is all the persons who checked off "Here" or "No usual home". On the other hand, using another method known as the complementary method, the target population would be all the persons who did not check off "Outside Canada" or "Elsewhere in Canada" and who did not write in an address. Therefore, unlike the direct method, the complementary method would include in the question 5 target population all the persons who did not answer the question on place of residence. Question 13 concerning year of immigration, which follows the question on the country (countries) of citizenship is somewhat problematic; because of the special nature of the instruction to "skip to", the complementary method is the natural method to be used in determining the target population. Those who do not respond to question 12 are thus included in the Question 13 target population, thereby increasing the non-response rate for this question.

### 2.2.2. Over-response

The over-response rate is also calculated, that is to say, the percentage of individuals or households that are not part of the
target population (for reasons other than age or place of residence) but who nonetheless answer a question that is not addressed to them. Over-response due to age or place of residence is studied separately, which allows us to identify the different causes of over-response.
2.3. Results

### 2.3.1. Response

The different types of response as well as the frequencies by type of response are presented in Appendix 3. Questions which concern the household are listed on a single page. As we will see in Section 3.2, a post-stratification of households was done according to province and type of primary sampling unit to account for urban/rural disparities. Response rates were recalculated under this post-stratification to determine whether there would be any significant deviation from rates established without poststratification. These rates are listed in Appendix 4. Poststratification makes little difference for most questions, but certain questions concerning the dwelling experience a significant drop in their non-response rate, whereas the multiple response rate increases for questions on mother tongue and ethnic origin. We also note an improvement in the response rate for each part of Question 43 (Income), although this improvement is slight. The following remarks apply equally to the rates obtained with or without poststratification, but the rates given are those with poststratification.

Among the questions which apply to the household, there is a 27.7\% rate of multiple responses to question 46 (person(s) responsible for the dwelling) and a rate of $37.0 \%$ at Step 9 (Name(s) of the household member(s) who completed this form). It was noted that in many cases only one person filled in the questionnaire but included his first name in one space and his last name in the other. This is counted as a multiple response by the computer. The three parts of Question 53 (payments for awelling), as well as Questions 55d) and 55e) (value of the dwelling and a filter question for condominium fees) all experienced a fairly high non-response rate.

Among the questions directed to individuals, Question 4 (place of residence) had a high multiple-response rate (9.1\%). Most of these multiple responses are the result of persons checking off the "Here" box but then writing the address they already gave in Step 1 into the space reserved for temporary residents.

The rate of non-response for Question 7 (common-law) is $18.5 \%$ which is among the highest.

Regarding questions such as 8,9 and 10 (language) which have a low partial response rate, it must be remembered that these rates are low because the answer "Other", with or without a written answer, is relatively rare. The rate of partial response among those who check "Other" would be higher.

The low response rate to Question 13 (year of immigration) can hardly be compared to the response rate for other questions because of the manner in which the target population is defined.

The non-response rate for the mother's birthplace (7.1\%) is far higher than for the question on the father's birthplace (2.3\%).

There are more non-responses than responses for the "band" part of the questions concerning the ethnic origin of natives.

The rates of multiple response for questions 21 (3.8\%), 34 (2.6\%) and 45 (7.5\%) (mobility over 5 years, address at work and hourly wages, respectively) are among the highest. In the case of Questions 21 and 34 , the reason for this is the same as that mentioned for Question 4.

The non-response rates are fairly high, between $10 \%$ and 15\%, for Questions $24,31,36,39$ and 44 , which deal with, respectively, grade (elementary and secondary), the year last worked, duties at work, number of years worked, and the filter question concerning hourly wage. An examination of the questionnaires shows that at Question 24 many persons simply put an "x" in the box in which they should have written their grade. Because only numerical answers can be captured for this space, such answers result in a non-response. The fact that the page on which Question 44 occurs looks as
forbidding as the page on income may perhaps explain the nonresponse rate for this question.

The non-response rates for the various parts of the income question are generally in the $30 \%$ to $40 \%$ range except for the "wages" part, where it is 19.9\%.

### 2.3.2. Over-response

Rates of over-response with their corresponding frequencies are presented in Appendix 5. Rates of over-response calculated after post-stratification are listed in Appendix 6. Only Question 54 (rent) is significantly affected by post-stratification.

It can be seen that a serious over-response problem exists for Question 21 (mobility over 5 years) with a rate of 58.7\%. The question is on a separate page from the filter question which precedes it, but this explains only part of the over-response. In fact, Question 29 has a reasonable over-response rate even though it is in a similar location.

Questions 31 (year when person last worked) and 55b) (property tax - inclusion) are two other questions experiencing high overresponse with rates of $31.7 \%$ and $24.6 \%$ respectively.

The over-response rates for the "band" part of Questions 15 and 16 (ethnicity) indicate the percentage of persons who are not natives who write an answer in these spaces. These rates are low because few persons are required to actually write in their ethnic ancestry or cultural identity. However, among the 191 answers in these spaces, only 69 are from natives.

We also know that 384 of the 431 persons who marked neither "Here" nor "No usual home" in Question 4 went on to answer the following question -- an over-response rate of 89.1\%. Many of these 431 persons were non-respondents to Question 4, but 68 of the 78 persons who marked a circle other than "Here" or "No usual home" answered Question 5. Among the 1,145 persons who checked off "Here" or "No usual home" and who are not 15 years of age or older, 375 answered Question 19, the first question in step 7, which is reserved for those 15 years of age and older. The rate of overresponse due to age is therefore $32.8 \%$. This sort of over-response, involving entire sections of the questionnaire, has serious repercussions on the cost of coding and capture operations, since it represents capture of data that will be desirable during edit and imputation phase.

### 2.4. Comparison with previous surveys

We will compare the response rates obtained for the RRSS with those of six other surveys. It must be remembered that these surveys are
not all carried out under the same conditions. In general, the shorter the questionnaire, the better the response rate. Also, the lower the return rate, the more the returns tend to be from cooperative households, and therefore, the better the response rates. The following is a brief description of these surveys.

A survey similar to the NCT was carried out in 1978 in order to test the 1981 census questionnaire. The survey, known as the 1978 Census Test (CT) was a mailout/mailback survey. Out of 24,026 households contacted, 37.9\% sent back their questionnaire, possibly after a postcard reminder was sent to them. No other follow-up took place, and a study of the response rates (A. van Baaren, February 1979) was undertaken using the questionnaires received.

In order to estimate the impact of the aboriginal question on response rates, a survey called the 1984 Census Test (D. Royce, October 1984) was undertaken. It was a mailout/mailback survey carried out in households participating in the Labour Force Survey. The black-and-white questionnaire contained the questions from Form $2 A$ in 1986. Of the 1,734 questionnaires mailed out, $45 \%$ were returned. The answers to each question were manually verified, and invalid response rates were calculated.

The 1986 Edit Sample Study (ESS) (M. Brodeur, January 1988; M. Brodeur, D. Royce, 1988) dealt with a sample comprised of $2,6762 \mathrm{~A}$
households and 2,657 2B households selected among the approximately 85\% of households that returned their census questionnaire before follow-up. A similar study was also done in 1981 using questionnaires returned by mail, and non-response rates were calculated for certain questions only.

Modular Tests 1 and 2 (MT-1 and MT-2) took place in November 1987 and January 1988 respectively. These studies, carried out in Census Metropolitan Areas, tested new questions or new wordings of questions that were being considered for the 1991 census. The MT2 sample was selected so as to include many "ethnic" households. Questionnaires were personally delivered and picked up. Thanks to the use of substitute households, personal contact with one of the members of the household was always certain. Some $85 \%$ of the households selected were willing to participate. Response rates were calculated for both MT-1 (R. Dibbs, January 1989) and MT-2 (Y. Béland and A. Théberge, March 1988).

### 2.4.1. Response

Table 2.1 gives the rates of invalid response for the various surveys. Invalid responses include non-response, invalid multiple response, partial response (except in the case of Question 32) and, in the case of certain surveys other than the NCT, written responses which should have been numerical, etc. The figures for the 1981 ESS represent non-responses only. Where appropriate, the
figures for the 1986 ESS are based on both the 2A and 2B samples. The figures for the NCT are based on the rates calculated with post-stratification.

Table 2.1
Comparison of invalid response rates

| Question | \# | NCT | $\begin{gathered} 1978 \\ \text { CT } \end{gathered}$ | $\begin{gathered} 1984 \\ \mathbf{C T} \end{gathered}$ | $\begin{aligned} & 1986 \\ & \text { ESS } \end{aligned}$ | $\begin{aligned} & 1981 \\ & \text { ESS } \end{aligned}$ | MT-1 | MT-2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Roster | S2 | 1.9 |  |  |  |  | 6.3 |  |
| Temporary residents |  | 4.1 | 22.0 | 13.2 | 21.4 | 17.8 | 24.3 |  |
| Persons left out | S4 | 8.0 | 13.3 | 15.3 | 25.6 | 27.0 | 17.3 |  |
| Agriculture | S5 | 2.3 |  |  |  |  | 11.6 |  |
| Name | Q1 | 0.7 | 1.5 | 0.9 |  |  |  |  |
| Date of birth | Q2 | 1.5 | 5.4 | 1.0 | 1.6 | 3.3 | 1.9 | 6.9 |
| Sex | Q3 | 1.6 | 7.5 | 1.7 | 5.3 | 4.6 | 3.4 | 6.5 |
| Place of residence | Q4 | 13.8 |  |  |  |  |  |  |
| Relationship to person 1 | Q5 | 3.4 | 2.9 | 1.2 | 4.0 | 6.9 | 2.7 | 8.5 |
| Marital status | Q6 | 4.7 | 7.2 | 3.1 | 5.1 | 6.6 | 4.6 | 9.5 |
| Common law | Q7 | 18.5 |  |  |  |  | 14.2 |  |
| Languages spoken | Q8 | 1.9 |  |  |  |  |  | 3.5 |
| Language at home | Q9 | 1.3 | 8.5 |  | 4.3 |  |  |  |
| First language | Q10 | 2.3 | 5.0 | 4.7 | 3.3 | 4.9 |  | 5.1 |
| Place of birth | Q11 | 2.3 | 3.1 |  | 4.7 |  |  | 4.8 |
| Citizenship | Q12 | 3.0 | 4.6 |  | 5.1 |  |  | 5.8 |
| Year immigrated | Q13 | 22.0 |  |  | 25.0 |  |  |  |
| Place of birth (f.) | Q14 | 3.4 |  |  |  |  |  | 4.1 |
| Place of birth (m.) | Q14 | 8.2 |  |  |  |  |  | 5.2 |
| Ethnic origin | Q15 | 4.3 | 6.5 |  | 6.7 | 7.8 |  | 7.9 |
| Bands (parents) | Q15 | 59.2 |  |  |  |  |  | 57.0 |

Table 2.1 (continued)
Comparison of invalid response rates

| Question | \# | NCT | $\begin{gathered} 1978 \\ \text { CT } \end{gathered}$ | $\begin{gathered} 1984 \\ \text { CT } \end{gathered}$ | $\begin{aligned} & 1986 \\ & \text { ESS } \end{aligned}$ | $\begin{aligned} & 1981 \\ & \text { ESS } \end{aligned}$ | MT-1 | MT-2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ethnic identity | Q16 | 4.0 |  |  |  |  |  | 8.4 |
| Band (person) | Q16 | 72.1 |  |  |  |  |  | 57.9 |
| Race | 017 | 3.0 |  |  |  |  |  | 11.6 |
| Religion | 218 | 2.2 | 3.7 |  |  |  |  | 6.5 |
| Mobility (1 year) | Q19 | 2.3 |  |  |  |  |  |  |
| Filter (mob. 5 yrs.) | Q20 | 3.3 |  |  |  |  |  |  |
| Mobility (5 years) | Q21 | 6.3 | 7.5 |  | 10.1 |  |  | 11.2 |
| Fertility | 022 | 4.3 | 5.5 |  |  |  | 8.1 |  |
| Date of 1st marr. | Q23a | 5.7 | 11.0 |  |  |  | 7.2 |  |
| Number of marriages | Q23b | 4.8 |  |  |  |  | 9.0 |  |
| Why marriage ended | Q23C | 5.3 |  |  |  |  | 3.4 |  |
| Education (el.\&sec.) | Q24 | 11.4 | 11.8 |  | 9.0 |  |  |  |
| Education (univers.) | Q25 | 3, 9 | 7.2 |  | 14.2 |  |  |  |
| Education (other) | Q26 | 8.1 | 8.9 |  | 10.3 |  |  |  |
| School attendance | Q27 | 4.2 | 6.6 |  |  |  |  |  |
| Diplomas | Q28 | 5.5 | 5.3 |  | 9.1 |  |  |  |
| Field of study | Q29 | 11.2 |  |  | 32.6 |  |  |  |
| Filter (employment) | Q30 | 4.3 |  |  |  |  |  |  |
| Last worked ${ }^{\prime}$ | Q31 | 13.6 | 11.3 |  | 10.4 |  | 14.4 |  |
| Employer | Q32 | 3.6 | 7.5 |  | 9.0 |  | 5.4 |  |
| Type of business | Q33 | 6.3 | 11.0 |  | 10.7 |  | 7.5 |  |

Table 2.1 (continued)
Comparison of invalid response rates

| Question | \# | NCT | $\begin{gathered} 1978 \\ \text { CF } \end{gathered}$ | $\begin{gathered} 1984 \\ \text { CT } \end{gathered}$ | $\begin{aligned} & 1986 \\ & \text { ESS } \end{aligned}$ | $\begin{aligned} & 1981 \\ & \text { ESS } \end{aligned}$ | NT-1 | MT-2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Address at work | Q34 | 15.5 | 16.9 |  | 22.0 |  |  |  |
| Kind of work | Q35 | 5.6 | 5.9 |  | 6.6 |  | 5.9 |  |
| Duties at work | Q36 | 12.5 | 19.3 |  | 15.5 |  | 14.3 |  |
| Category of worker | Q37 | 6.0 | 4.9 |  | 7.6 |  | 5.8 |  |
| Status of enterprise | Q38 | 0.6 | 13.3 |  | 18.6 |  | 8.1 |  |
| Years worked | Q39 | 11.6 |  |  |  |  | 14.9 |  |
| Date started work | Q40 | 9.5 |  |  |  |  | 5.9 |  |
| Weeks worked | Q41 | 7.6 | 6.2 |  | 6.6 |  | 6.8 |  |
| Part/full time | Q42 | 0.6 | 4.9 |  | 3.4 |  | 1.8 |  |
| Income |  |  |  |  |  | , |  |  |
| Salaries | Q43a | 23.7 | 16.7 |  | 21.8 | 20.2 |  |  |
| Non-farm self-empl. | Q43b | 42.0 | 39.2 |  | 41.6 | 39.5 |  |  |
| Farm self-empl. | Q43c | 42.4 | 39.8 |  | 42.5 | 40.6 |  |  |
| OAS pension | Q43d | 37.6 | 36.6 |  | 38.6 | 35.5 | 18.8 |  |
| CPP/QPP | Q43e | 38.1 | 37.5 |  | 39.7 |  | 19.1 |  |
| UI | Q43f | 39.3 | 36.9 |  | 40.2 | 36.5 | 20.1 |  |
| Oth. inc. from gov. | Q43g | 40.7 | 38.6 |  | 40.7 | 37.6 | 20.6 |  |
| Dividends \& interest | Q43h | 36.4 | 33.1 |  | 35.9 | 32.4 |  |  |
| Pensions | Q43i | 40.1 | 38.7 |  | 41.5 |  |  |  |
| Other income | Q43j | 40.9 | 40.2 |  | 43.1 |  |  |  |
| Total | Q43k | 31.6 | 20.4 |  | 27.9 | 25.6 |  |  |

Table 2.1 (end)
Comparison of invalid response rates

| Question | \# | NCT | $\begin{gathered} 1978 \\ \text { CT } \end{gathered}$ | $\begin{gathered} 1984 \\ \text { CT } \end{gathered}$ | $\begin{aligned} & 1986 \\ & \text { ESS } \end{aligned}$ | $\begin{aligned} & 1981 \\ & \text { ESS } \end{aligned}$ | MT-1 | MT-2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Filter (salary) | 244 | 10.8 |  |  |  |  |  |  |
| Wage | Q45 | 15.4 |  |  |  |  |  |  |
| gexs. resp for dwell | . 246 | 6.0 | 15.8 | 7.0 | 9.4 | 7.1 |  |  |
| Owned or rented | 047 | 5.3 | 4.3 | 5.2 | 15.2 | 12.6 |  |  |
| Number of rooms | Q48 | 3.8 | 2.5 |  | 6.4 |  |  |  |
| Nunber of bedrooms | Q49 | 4.2 | 2.8 |  |  |  |  |  |
| Date of construc. | Q50 | 6.2 | 5.0 |  | 9.0 |  |  |  |
| Length of residence | Q51 | 3.1 | 2.3 |  |  |  |  |  |
| Repairs | Q52 | 5.9 | 5.8 |  |  |  |  |  |
| Payments (electr.) | Q53a | 15.7 | 9.1 |  | 14.7 | 14.2 |  |  |
| Payments (fuels) | Q53b | 20.5 | 15.1 |  | 29.4 | 24.4 |  |  |
| Payments (other) | Q53c | 20.9 | 18.8 |  | 29.2 | 24.8 |  |  |
| Rent | Q54 | 6.0 | 4.6 |  | 7.2 | 4.6 |  |  |
| Mortgage | Q55a | 9.1 | 8.3 |  | 6.7 | 6.3 |  |  |
| Property tx. includ. | Q55b | 4.6 | 3.0 |  | 11.9 | 14.2 |  |  |
| Property taxes | Q55c | 9.9 | 2.8 |  | 2.8 | 8.0 |  |  |
| Value of dwelling | Q55d | 15.8 | 14.6 |  | 6.4 | 11.3 |  |  |
| Filter (condominium) | Q55e | 10.2 | 17.6 |  | 12.0 | 13.3 |  |  |
| Condominium fees | Q55f | 7.2 |  |  |  |  |  |  |

It will be noted that the invalid response rates in the NCT for the coverage questions (Steps 2, 3, 4 and 5) are very much lower than those of other surveys. These questions seem to benefit from the fact that they are asked at the beginning. It is true that in the case of $M T-1$, the roster was also located at the beginning, but it was not numbered and could be missed by the respondent. Compared to their positions on former census forms, the questions on temporary residents and persons left out now enjoy better visibility. As well, the questions concerning persons responsible for the dwelling and whether the dwelling is rented or owned (Questions 46 and 47 respectively) which occupied the same column as the coverage questions on these forms, also have improved response rates.

The high rate of invalid response for question 4 is due especially to multiple responses (9.1\%). Most of these multiple responses were due to persons marking the "Here" box and then once again writing in the address they had already given in Step 1 into the space reserved for temporary residents.

The practice of asking the coverage questions at the beginning does not seem to affect the response rates for the questions on persons. It may also be noted that the basic demographic questions in the 1978 CT and in MT-2 have particularly high invalid response rates. These questions deal with the date of birth, sex, relationship to
person 1 (high rate for MT-2 only) and marital status. All of these questions were on page 3 of the MT-2 questionnaire. They are also on page 3 of the 1978 CT questionnaire, except for the question on the relationship to person 1 , which, significantly, has a reasonable invalid response rate. Futhermore, questions on the language spoken at home and on first language, which are also found on page 3 of the 1978 TC questionnaire, also have high invalid response rates. One explanation of this phenomenon might be that page 3 of the questionnaire of these two surveys is sometimes left blank by the respondent. After completing page 2 , the respondent goes on the page 3 as if it were an independent page, unaware of the matrix nature of this part of the questionnaire. Several factors contribute to this. The MT-2 questionnaire is 8.5" $\times 14^{\prime \prime}$ and contains spaces for only five persons. The horizontal bands are thus very large and it is difficult to visualize them extending over two pages, especially since the part of these horizontal bands found on page 2 contains only one question. The questionnaires for MT-2 and the 1978 CT are in colour, but their white margins create a break between the two pages. This contrast with the margins is even more pronounced in the case of the CT questionnaire, since it has darker colours. In the case of the CT, the vertical lines separating the questions are as noticeable as the horizontal lines separating persons, but the two lines that separate Question 2 on page 2 and Question 3 on page 3 are more noticeable because they are stylized. This helps accentuate the break between the two
pages. In the case of NT-1, the entire matrix was on a single page and it will be noted that the response rates for these questions were reasonable. On the 1981 and 1986 census questionnaires, the horizontal lines are more noticeable than the vertical lines, and once the flap is opened, the coloured part of the flap, page 2 and page 3 tend to form a visual whole. The presence of the flap also cuts down on the possibility of the respondent folding page 2 under the questionnaire after completing it in order to start on page 3 , much as one reads a newspaper in a crowded bus. Nevertheless, there is surely some proportion of the non-response to the basic demographic questions in the census which is due to this phenomenon. Even though it uses the matrix format, the NCT does not experience this problem because the break between two facing pages is parallel to the axis of symmetry. The questionnaire for the 1984 CT is similar to Form 2A, except that it is black and white, eliminating the contrasting margins. The invalid response rates for this survey are low both for the question of relationship with person 1 (on page 2) and for the questions on page 3. These favourable rates can probably be explained by the fact that the survey contained only 12 questions on Form 2A of the census, and a relatively low return rate. Another factor is that the participating households were already familiar with another of our surveys: the Labour Force Survey.

The invalid response rate for the question on sex is particularly
high for the 1978 CT, probably because the colum set aside for this question in the matrix was very narrow. This question is now one of the basic demographic questions which has seen the greatest improvement. It would seem that a narrow horizontal band is more visible than a narrow vertical band. Question 38, which occupies an even narrower space, has certainly not suffered.

The question on common law also has very little space, but it does not seem to be the reason it has a response rate inferior to MT-1. It has already been noted that in MT-1, many respondents did not understand the meaning of the term "common-law" ("union libre" in French), but in MT-1, these persons could more easily take a hint from the context. In fact, in this survey the questions of marital status and common law were parts a) and b) of a single question presented under the heading "Marital status". It is also possible that married people are more inclined to skip the common-law question because it does not apply, if the two questions are separately numbered and have separate headings.

The difference between the invalid response rates for the "mother" and "father" parts of question 14 (birthplace of parents) is much greater than in MT-2. In the latter, both parts of the question were side by side instead of one beneath the other.

It may also be noted that there was a decrease of the invalid
response rates for Question 17 (race) compared to MT-2. It is, however, difficult to determine whether this is due to the new question or to the ethnic nature of the sample used in MT-2. One can also note a similar difference in the question on religion, even though the question is essentially the same in both surveys.

Among the employment questions, the quality of responses to Questions 31, 40 and 41 (respectively the year last worked, the date the person started working and the number of weeks worked) seems to have deteriorated. on the other hand, there was improvement as regards Questions 38 and 42 (status of the business and part/full time work). These questions used to make up part b) of the previous questions. As we will see in 2.4.2, this improvement was accompanied by an increase in the over-response rate.

The "wages and salaries" and the "total" components of the question on income have an invalid response rate that is significantly higher than those of the other surveys, while other components display only small differences. The cause of this is probably that the NCT took place in November, eleven months after the reference period. In the case of $M T-1$, the invalid response rates are relatively low, even though this survey also took place in November. However, MT-1 had fewer components in its income question, and in particular there were no questions on wages and
salaries and on total income.

For the questions on housing, the NCT had an invalid response rate about 1\% higher than that of the 1978 CT, perhaps because these questions are now at the end of the NCT questionnaire. There are questions where the difference is greater, or is in the opposite direction. In the 1978 CT, the question on the person responsible for the dwelling was jammed between the definition of a dwelling and a space set aside for the census representative. Unlike other surveys, the NCT asks the amount of property tax even to those who declare that it is included in the mortgage payments. The fact that the word "condominium" is more popular than in 1978 probably explains the difference in response rates for question 55e). Regarding the three parts of question 53 (payments for electricity, fuel and other municipal services) it is possible that respondents are dismayed at the prospect of calculating these annual sums to the last cent. In fact, in surveys other than the NCT, "00" cents is already printed in the relevant space.
2.4.2. Over-response

We wished to find out whether the matrix format of the NCT questionnaire prevented the respondent from correctly following the instructions to "skip to". The over-response rates offer one method of measuring the extent of the problem. We will therefore compare the over-response rates for the NCT and MT-1, a survey which used a questionnaire similar in format to Form 2B of the
census. The rate of over-response by reason of age has not been calculated for MT-1. over-response rates were calculated for the 1978 CT, but the method used is not comparable. However, the overresponse rate by reason of age can be recalculated for comparison with that of the CT. The rates are $9.9 \%$ for the CT, compared to $31.2 \%$ for the NCT.

Table 2.2 compares the over-response rates for the NCT (after poststratification) and for MT-1. The greatest differences can be explained by the fact that questions numbered separately in the NCT were sub-questions in MT-1. This is the case with question 38 (status of enterprise) and with Question 42 (part/full time work). In spite of this, we note that the over-response rates are generally significantly higher for the NCT.

Table 2.2
Comparison of over-response rates

| Question | $\#$ | NCT | MT-i |
| :--- | :--- | ---: | ---: |
| Fertility | Q22 | 5.9 | 15.0 |
| Date lst marriage | Q23a | 5.6 | 3.1 |
| Number of marriages | Q23b | 15.3 | 14.9 |
| Why marriage ended | Q23C | 2.2 | 1.7 |
| Last worked | Q31 | 31.7 | 32.0 |
| Employer | Q32 | 8.8 | 8.5 |
| Type of business | Q33 | 7.2 | 4.3 |
| Kind of work | Q35 | 8.8 | 8.1 |
| Duties at work | Q36 | 6.4 | 5.7 |
| Category of worker | Q37 | 8.4 | 7.9 |
| Status of enterprise | Q38 | 9.3 | 2.9 |
| Years worked | Q39 | 13.8 | 15.4 |
| Date started \&ork | Q40 | 18.1 | 8.8 |
| Weeks worked | Q41 | 21.8 | 20.3 |
| Part/full time | Q42 | 11.1 | 1.0 |

### 2.5. Recommendations

In order to reduce the number of multiple responses to question 4 (place of residence) we should add "OR" before the "Elsewhere in Canada" answer category. The address box should not infringe on the area of the circles to be marked. This box is admittedly already short of space, but a new format would better illustrate the fact that the address space is reserved for the last answer category. The instructions "Continue with Question 5" and "End here for this person" could be removed and replaced by an instruction that would be a separate step. In addition to reducing the overresponse rate, this would resolve the problem of whether to put the "End here for this person" instruction before or after the address. This new step, which would play a role similar to that of Step 7 concerning age, would have to attract the respondent's attention more. We could, for instance, place the instruction on a coloured background in the questions column.

It is recommended that the father and the mother's birthplace make up two separately numbered questions.

It is strongly recommended that the write-in box for band, first nation or tribe be dropped from Questions 15 and 16. These fields experienced both very low rates of response by native persons, plus a high rate of over-response on the part of non-natives. The low response rates are such that the production of reliable data on the
band, first nation or tribe of native persons is virtually impossible. Further, the over-response by non-natives strongly suggests that inclusion of this box would seriously put at risk the quality of the data for all of the "Other" categories. The finding is also consistent with the experience in Modular Test 2, but has been confirmed here with a probability sample.

If it is felt necessary to include these questions, the possibility of using the same spaces for all answers to be written in full, whether concerning the band or another ethnic or cultural group, should be considered. In such a case, coding procedures for the two questions would have to be harmonized.

Step 7 (instruction concerning age) should attract the respondent's attention more. In this regard, see the suggestion made for Question 4, above.

In order to diminish the burden on respondents, it is recommended to eliminate Question 20 by adding an answer category "Lived at the same address" to Question 21. Just as with Question 4, we should seek to reduce multiple responses by making sure the spaces for address and country do not infringe on the area of the circles to be marked.

The boxes reserved for a numerical answer in Questions 22
(fertility), 24, 25 and 26 (education) should be made longer, as they are in the example on the cover page of the questionnaire. The wordiness of the text next to these boxes in Questions 24,25 and 26 could be considerably reduced in order to accentuate the fact that a number is to be written in.

It would be useful to have Question 29 (field of study) on the same page as Question 28 (diplomas), which serves as a filter.

Just as in the case of Questions 4 and 21 , in order to cut down on multiple responses, the area reserved for address at work in Question 34 should not infringe on the area reserved for circles to be marked. We could also add "OR" before answer category "Worked at the address specified below".

In the case of Questions. 39 (years worked) and 41 (weeks worked) the boxes for numerical answers should be lengthened as in the case of Questions 22, 24, 25 and 26.

In order to reduce the rate of multiple responses to Question 45 (hourly wage) it is recommended to reformulate the question so that there would be only one space for the amount and one choice of circles to mark for the period. Because of the simplification this would produce, we might also see a reduction of the non-response rate for this question and question 44, which is on the same page.

Pre-printing " 00 " in the box reserved for cents could diminish nonresponse rates for Questions 43 (income) and 53 (payments for dwelling).

The fact of asking the amount of property taxes (Question 55c)) of persons who have already declared that they are included in the mortgage payments causes an increase in the non-response rate, and it is recommended that this decision be reviewed.

## 3. Edits

### 3.1. Introduction

During a census, the census representative is the first person who carries out a quality control over questionnaires filled out by respondents. Among other things, he/she must ensure: that the questionnaire is properly identified, that all questionnaires for a household are in the same language, and that written answers are legible. But the most costly verification is the one regarding the validity of responses to each question, because this often involves follow-up action with the respondent. Because census representatives are paid on a piece-rate basis, we must estimate the percentage of questionnaires likely to require follow-up, in order to establish a fair wage. For accounting reasons, it is desirable to know what percentage of questionnaires require a follow-up only because of step 5 (Does anyone in this household operate a ranch, farm or other agricultural holding?). In fact, the supplementary costs resulting from this step are attributed to the Census of Agriculture.

This report seeks to address these issues, although several factors prevent us from identifying more definite answers. These limiting factors include firstly the fact that we can study only the validity of responses. Therefore, we do not verify whether a questionnaire is properly identified, whether all questionnaires
from a given household are in the same language, if the answers are legible, etc. Legibility is a subjective concept, and, as regards the other forms of verification, comparisons between the census and the NCT would not be valid because procedures are different in the two surveys. Secondly, as noted in the preceding section, it is normal to expect different response rates for the RRSS than for other surveys, because, for instance, of the difference in the initial return rate. This has an important impact on the edit failure rate. Thirdly, in the NCT we collected information for no more than six persons per household, thus reducing the probability of a household of more than six persons failing edit. Finally, the content of the census has not yet been decided, and the sub-set of questions for which a valid response will be required has not yet been determined.

However, comparisons with other surveys are still possible, keeping in mind that they are imperfect, we present below the results of these comparisons.

### 3.2 Calculation methods

The NCT sampling rate varies from one province to another, and even within the same province the rate varies between urban and rural areas. Answers to Step 5 also vary by province and by urban or rural area. Given the importance of Step 5 for the study, it was decided to post-stratify the sample according to province and to
which type of PSU the household belonged. We distinguished two separate types of unit: the self-representative units (mainly urban) and the others (mainly rural). In order to permit maximum flexibility, separate edit rules were programmed for each question, sub-question or step, with the exception of Step 1 (address). We will now describe these rules. For the definitions of target population, of non-response, of multiple response or of partial response, see Appendix 2. Question 43 (income) is an exception in two senses: firstly, because it is considered to be a whole, in other words, because its parts are not separately edited; and secondly, for purposes of edit, we define a non-response to Question 43 as being a non-response or a partial response to each of the question's parts.

The first edit rule stipulates that the questionnaire fails edit for a given question if there is a non-response for one or more of the persons of the household in the target population. The second edit rule stipulates that the questionnaire fails edit for a given question if there is a multiple response for one or more of the persons in the household in the target population. The third edit rule stipulates that the questionnaire fails edit for a given question if there is a partial response for one or more of the persons in the household in the target population: The fourth rule covers the following special responses :

- Step 2: The questionnaire fails edit if the household includes
fewer than six persons and if the number included in Step 2 is positive but different from the number of persons in Question 1.
- Step 3: The questionnaire fails edit if the household includes fewer than six persons and the number of persons in Step 3 is different from the number of temporary residents identified in Question 4 (circle 6 marked).
- Step 4: The questionnaire fails edit if the household gave the simple response "Yes".
- Step 5: The questionnaire fails edit if the household gave the simple response "Yes".
- Question 2: The questionnaire fails edit if there is missing for one person the month or the year, or if the day of the month is missing and the month is November.
- Question 21: The questionnaire fails edit if for one person in the target population there is a multiple response without a written response.
- Question 34: The questionnaire fails edit if for one person in the target population there is a multiple response without an answer being written in.
- Question 43: The questionnaire fails edit if for one person in the target population there is a non-response or a partial response to 43 k ) (total) and non-response or partial response to one or more other parts.
- Question 46: The questionnaire fails edit if there is a non-
response and if there is more than one person in the housenold.

The edit rule known as the "rule of five" which was applied during previous censuses was not programmed for this study. The Edit Sample Study of 1986 showed that $1 \%$ of the $76 \%$ of 2B questionnaires rejected are rejected solely because of the rule of five.

### 3.3 Comparison with previous surveys

We will first of all compare the rejection rate for questionnaires with that of the 1984 Census Test (CT) which is described in Section 2.4. The rate of edit failures for this survey was 40.5\% of which $33.2 \%$ was for a question other than the aboriginal question. The comparable rate for the RRSS is $33.3 \%$. The rules that were used are sumarized in Table 3.1. Note that step 2 now replaces the question on the usual number of residents (Question 8b on Form 2A of 1986), while Step 3 is essentially identical to the former question on the number of temporary residents (Question 8d on Form 2A of 1986). However, there has been a change in the definition of a special response as regards Step 3; formerly there was a follow-up if a number higher than zero was written, now there is no follow-up unless the number fails to agree with the answer in Question 4.

Table 3.1
Rules used for comparison with the 1984 CT


Among the factors that must be considered when we compare the rejection rates of the two studies is the fact that, first, the questionnaire used in 1984 contained only a dozen questions. Second, the rate of return for the RRSS is $8 \%$ higher, and it is to be expected that the quality of the questionnaires in this supplementary $8 \%$ will be lower. Third, in 1984, the edits were carried out manually and it is possible that some questionnaires which should have failed edit were missed. Fourthly, the households selected for the 1984 CT were already familiar with the Labour Force Survey, and were thus well "trained". Finally, and this is an argument in the other direction, the questionnaire in the CT was less attractive to respondents.

The rejection rates of the two studies are similar in spite of a significant improvement in the response rate for the coverage questions. This seems to indicate that the improvement in the response rates could translate into a smaller number of questions
(per questionnaire) requiring a follow-up, rather than into a decrease in the proportion of rejected questionnaires.

We also established a comparison with the 1986 Edit Sample Study (CSS). There are several differences between Form 2B of 1986 and the NCT questionnaire which can have an impact on the follow-up rate. For example, among the questions not found in the NCT questionnaire are the questions on aboriginals, on disabilities and questions seeking to determine labour force status. A rejection rate was recalculated for the ESS with a sub-set of rules which would allow comparison with the NCT. These rules are given in Table 3.2. With this sub-set of rules, the rejection rate for questionnaires 2B of the ESS would have been $63.5 \%$, whereas the NCT rate is $46.8 \%$.

Table 3.2
Rules used for comparison with the 1986 ESS


Once again, it should be mentioned that there is a major difference in the return rates between the ESS and the NCT. Comparisons should thus be interpreted cautiously.

### 3.4. Conclusion

It can therefore be seen that it is difficult to predict what the follow-up rate will be in the 1991 Census. For example, we have seen that the rejection rate for the 1984 CT was $40.5 \%$, while the 2A sample of the ESS allows us to estimate a rate of $53.7 \%$ for the 1986 Census. We can, however, make use of the data from the RRSS to compare different edit rule scenarios and thus to answer such questions as: Do the questions on employment have a major effect on the follow-up rate? The follow-up rates for certain scenarios are presented in Appendix 7. Scenario 1 represents a plausible set of rules for Form 2A in 1991; the follow-up rate would be $39.2 \%$. Scenario 3 differs from Scenario 1 only by the exclusion of Step 5; without control rules for this step the follow-up rate diminishes by 3.0\%. It is easy to explore other scenarios and a sample program is given in Appendix 7.

Appendix 1

## Final 8tatus Codes

X: Questionnaire completed by all admissible members of the household.

E: Questionnaire completed by some (and not all) admissible members of the household.
$N$ : Nobody home (after several attempts to make contact).
R: Household refused.
K: Impossible to interview because of death, illness, language problems or any other unusual circumstance connected to the household.

L: Impossible to interview because of bad weather.
T: Household temporarily absent.
V: Dwelling (or trailer site or seasonal home) vacant.
C: Dwelling under construction.
B: Dwelling occupied by persons not to be interviewed.
D: Dwelling demolished, transformed into business, moved, abandoned (inhabitable), listed by mistake.

## Appendix 2

THE ENGLISH TRANSLATION OF APPENDIX 2 "DEFINITION OF TARGET POPULATIONS" was not available at the time report 7 was printed. the english version of this appenoix will be circulated at a later oate.

ETAPE_2
Population cible: Tous les menages.

Non-réponse: Tout est blanc.
Réponse simple: Ce qui n'appartient pas a l'autre categorie de réponse.

ETAPE 3
Population cible: Tous les ménages.

Non-reponse: Tout est blanc.
Réponse multiple: La case est cochée et un nombre de personnes (invalide) supérieur à zéro est indiqué.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de reponse.

ETAPE 4
Population cible; Tous les ménages.

Non-reponse: Tout est blanc.
Réponse multiple: Les deux cases sont cochées; ou la première case (invalide) est cochée et il y a un ou des noms d'inscrits.

Réponse partielle: Ce n'est pas une réponse multiple; et la case OUI est cochée sans qu'un ou des noms soient indiqués.

Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

## ETAPE 5

Ropulation cible: Tous les menages.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochés.
Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

## ETAPE_6

## Question. 1

Population cible: Tous les individus.

Non-réponse: Tout est blanc.
Réponse simple: Ce qui n'appartient pas a l'autre catégorie de réponse.

Question 2
population cible; Tous les individus.

Non-réponse: Tout est blanc.
Réponse partielle: Il manque soit le jour, soit le mois ou soit I'année; ou il manque deux de ces items.

Réponse simple: Ce qui $n$ 'appartient à aucune des autres catégories

## Question 3

population cible: Tous les individus.

Non-réponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Reponse simple; Ce qui n'appartient à aucune des autres categories de réponse.

## Question 4

Population cible: Tous les individus.

Non-reponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochés; ou une des (invalide) trois premières cases est cochée et une adresse est inscrite.

Réponse partielle: Ce n'est pas une réponse multiple; et la dernière case est cochée sans qu'il y ait une adresse d'inscrite.

Réponse simple: Ce qui n'appartient a aucune des autres categories de réponse.

## Question 5

Population cible: Tous les individus qui ont coche au moins une des deux premières cases a la question 4.

Non-réponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (invalide) est cochée et il y a un code non correspondant.

Réponse partielle: Ce n'est pas une réponse multiple; et la case 11 ou la case 14 est cochée sans que le code correspondant soit indiqué.

Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

## Question 6

Population cible: Tous les individus qui ont coché au moins une des deux premières cases a la question 4.

Non-reponse: Tout est blanc.
Reponse multiple (invalide): Au moins deux cases sont cochees.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Ouestion 7

Population cible:Tous les individus qui ont coché au moins 1 des 2 premieres cases a la question 4.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Réponse simple; Ce qui n'appartient a aucune des autres catégories de réponse.

Question 8
population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4.

Non-réponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (valide) est cochée et il y a un code non correspondant; ou deux codes sont indiques.

Réponse partielle: Ce n'est pas une réponse multiple; et la dernière case est cochée sans que le code correspondant soit indiqué.
Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

## Question 9

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4.

Non-reponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (valide) est cochée et il $y$ a un code non correspondant.
Réponse partielle: Ce n'est pas une réponse multiple; et la dernière case est cochée sans que íe code correspondant soit indiqué.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Question 10

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4:

Non-réponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (valide) est cochée et il $y$ a un code non correspondant.

Reponse partielle: Ce n'est pas une réponse multiple; et la dernière case est cochée sans que le code correspondant soit indique.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Question 11

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4.

Non-reponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (invalide) est cochee et il $y$ a un code non correspondant.

Réponse partielle: Ce n'est pas une reponse multiple; et la dernière case est cochée sans que le code correspondant soit indiqué.

Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

## Question 12

population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4.

Non-reponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées.
Reponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.
ouestion 13
Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 et qui n'ont pas coché la première case a la question 12.

Non-réponse: Tout est blanc.
Réponse multiple: Une année est indiquée et la case 'AVANT 1900' finvalide) est cochée.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Ouestion 14 (Père et Mère)

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4.

Non-réponse: Tout est blanc.
Réponse multiple: Les deux cases sont cochées; ou la première case (invalide) est cochée et un code est indiqué.

Réponse partielle: Ce n'est pas une réponse multiple; et la deuxième case est cochée sans que le code correspondant soit indiqué.

Réponse simple: Ce qui n'appartient a aucune des autres categories de réponse.

Question 15 et 16 (excepté les 2 codes précisant 1 a bande, la premiere nation ou la tribul

Population cible:Tous les individus qui ont coche au moins 1 des 2 premieres cases à la question 4.

Non-xéponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (valide) est cochée et il y a un code non correspondant; ou deux codes sont fournis pour le choix de réponse AUTRE(S) GROUPE(S) ETHNIQUE(S) OU CULTUREL (S) .

Réponse partielle: Ce n'est pas une réponse multiple; et la seizieme case est cochée sans que le code correspondant soit indiqué.

Réponse simple: Ce qui n'appartient a aucune des autres categories de réponse.

## Question 15 et 16 (2 codes précisant bande, première nation ou tribul

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4 et qui ont coché la treizième, quatorzième ou quinzième case à la question 15 (16).

Non-réponse / sans objet: Tout est blanc.
Réponse multiple (valide): Deux codes sont fournis.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Ouestion_17

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4.

Non-réponse: Tout est blanc.
Reponse multiple: Au moins deux cases sont cochées; ou une case (valide) est cochée et il y a un code non correspondant.
Réponse partielle: Ce n'est pas une réponse multiple; et la dernière case est cochée sans que le code correspondant soit indique.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## ouestion 18

population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4.

Non-réponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (invalide) est cochee et il y a un code non correspondant.
Reponse partielle: Ce $n$ 'est pas une réponse multiple; et la dix-septième case est cochée sans que le code correspondant soit indiqué.
Réponse simple; ce qui n'appartient a aucune des autres catégories de réponse.

## ETAPE 7

## Question 19

Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans.

Non-reponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (invalide) est cochée et il $y$ a un code non correspondant.

Réponse partielle: Ce $n$ 'est pas une réponse multiple; et une des deux dernières cases est cochée sans que le code correspondant soit indiqué.

Réponse simple: Ce qui n!appartient a aucune des autres catégories de réponse.

Question 20
Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans.

Non-réponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

Ouestion 21
Population cibleiTous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 qui sont agés d'au moins 15 ans et qui ont repondu NON a la question 20.

Non-réponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une case (invalide) est cochee et il y a un code non correspondant.

Réponse partielle: Ce n'est pas une réponse multiple; et une des deux dernieres cases est cochée sans que le code correspondant soit indiqué.

Réponse simple: Ce qui $n$ 'appartient a aucune des autres catégories de réponse.

Question 22
Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases $i$ la question 4 qui sont ágés d'au moins 15 ans et quí ont répondu FEMININ a la question sur le sexe.

Non-reponse: Tout est blanc.
Réponse multiple: La case est cochée et un nombre d'enfants (invalide) supérieur à zéro est indiqué.

Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

Question 23al
Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4 qui sont ágés d'au moins 15 ans et qui ont coche une des quatre premières cases à la question 6.

Non-reponse: Tout est blanc.
Réponse partielle: Il manque le mois ou l'année mais pas les deux.
Reponse simple: Ce qui n'appartient a aucune des autres categories de réponse.

Question 23b)
Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans et qui ont coche une des quatre premières cases a la question 6.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Réponse simple: Ce qui n'appartient a aucune des autres categories de réponse.

Question 23cl
Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans et qui ont coché une des quatre premières cases à la question 6 ainsi que OUI, PLUS D'UNE FOIS a la question 23b).

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Reponse simple: Ce qui $n^{\prime}$ appartient a aucune des autres catégories de réponse.

## Question_24

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont âgés d'au moins 15 ans.

Non-réponse: Tout est blanc.
Réponse multiple: Il $y$ a un nombre supérieur a zéro d'inscrit et (invalide) la case est cochée.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Question 25 et 26

Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans.

Non-réponse: Tout est blanc.
Reponse multiple: Les deux cases sont cochées; ou une case est (inyalide) cochée et un nombre d'années supérieur à zéro est indique; ou les deux cases sont cochées et un nombre d'années supérieur à zéro est indiqué.
Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

## Ouestion 27

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Au moins deux cases sont cochées.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

Question 28
Population cible:Tous les individus qui ont coche au moins 2 des 2 premières cases a la question 4 qui sont âgés d'au moins 15 ans.

Non-réponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

Question 29
Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans et qui ont coché une des neuf dernières cases a la question 28.

Non-réponse: Tout est blanc.
Réponse multiple: Un domaine d'études est indiqué et la case est (invalide) cochée.

Réponse simple: Ce qui n'appartient à aucune des autres categories de réponse.

## Question 30

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont âgés d'au moins 15 ans.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

Question 31
Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans et qui ont répondu NON à la question 30.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Au moins deux cases sont cochées.
Réponse simple: Ce qui n'appartient aucune des autres catégories de réponse.

## Question 32

Population cible:Tous les individus qui ont coché au moins 1 des 2 premieres cases a la question 4 qui sont agés d'au moins 15 ans, qui ont coché OUI a la question 30 Ou EN 1988 ou EN 1987 a la question 31.

Non-réponse: Tout est blanc.
Réponse partielle: Il manque soit le nom de l'entreprise ou soit le nom du ministère (service, division, ...) mais pas les deux.

Réponse simple: Ce qui n'appartient a aucune des autres categories de réponse.

## Question 33

population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont fagés d'au moins 15 ans, qui ont coché OUI a la question 30 ou EN 1988 ou EN 1987 ì la question 31.

Non-reponse: Tout est blanc.
Réponse simple: Ce qui n'appartient pas a l'autre catégorie de réponse.

## Question 34

Population cible:Tous les individus qui ont coché au moins 1 des 2 premieres cases a la question 4 qui sont fagés d'au moins 15 ans, qui ont coché OUI a la question 30 Ou EN 1988 ou EN 1987 a la question 31.

Non-réponse: Tout est blanc.
Réponse multiple: Au moins deux cases sont cochées; ou une des (invalide) deux premières cases est cochée et une adresse est inscrite.

Reponse partielle: Ce n'est pas une réponse multiple; et la dernière case est cochée sans que l'adresse n'y soit inscrite.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Question 35 et 36

Population cibleiTous les individus qui ont coche au moins 1 des 2 premieres cases à la question 4 qui sont ágés d'au moins 15 ans, qui ont coché OUI à la question 30 ou EN 1988 ou EN 1987 à la question 31.

Non-réponse: Tout est blanc.
Réponse simple: Ce qui n'appartient pas à l'autre catégorie de réponse.

Question 37
Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 qui sont ages d'au moins 15 ans, qui ont coché OUI i la question 30 ou EN 1988 ou EN 1987 a la question 31.

Non-réponse: Tout est blanc.
Réponse multiple (invalide): Au moins deux cases sont cochées.
Reponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Question 38

Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases àla question 4 qui sont agés d'au moins 15 ans, qui ont coché OUI a la question 30 ou EN 1988 ou EN 1987 à la question 31 et qui ont coché une des deux dernières cases a la question 37.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Réponse_simple: Ce qui n'appartient a aucune des autres catégories de réponse.

Question 39
Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans, qui ont coché OUI a la question 30 ou EN 1988 ou EN 1987 à la question 31.

Non-reponse: Tout est blanc.
Réponse multiple: La case est cochée et un nombre d'années est (invalide) indiqué.

Réponse simple: Ce qui $n^{\prime}$ appartient à aucune des autres catégories de réponse.

Question 40
Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases a la question 4 qui sont fagés d'au moins 15 ans, qui ont coché OUI a la question 30 ou EN 1988 ou EN 1987 a la question 31 et qui ont fourni un nombre d'annees a la question 39.

Non-reponse: Tout est blanc.
Réponse partielle: Il manque le mois ou l'année mais pas les deux.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Question 41

Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases à la question 4 qui sont ágés d'au moins 15 ans, qui ont coché OUI a la question 30 ou EN 1988 ou EN 1987 a la question 31.

Non-reponse: Tout est blanc.
Réponse multiple: La case est cochée et un nombre de semaines (invalide) supérieur à zéro est indiqué.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## Question 42

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4 qui sont ágés d'au moins 15 ans, qui ont coché OUI a la question 30 ou EN 1988 ou EN 1987 à la question 31 et qui ont fourni un nombre de semaines a la question 41.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochés.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

```
Question 43a). 43b)_ 43c), 43a), 43e), 43f), 43a), 43hb)
                    43j) 43j) et 43k)
```

Population cible:Tous les individus qui ont coché au moins 1 des 2 premières cases à la question 4 qui sont ágés d'au moins 15 ans.

Non-réponse: Tout est blanc.
Réponse multiple: OUI et NON sont cochées OU NON est cochée et un (invalide) montant est indique ou les cases NON et PERTE sont cochees.

Réponse partielle: Ce n'est pas une réponse multiple; et la case OUI ou la case PERTE est cochée et il n'y a pas de montant.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

Question 44
Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 qui sont ágés d'au moins 15 ans.

Non-reponse: Tout est blanc.
Reponse multiple (invalide): Les deux cases sont cochées.
Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

## Ouestion_45

Population cible:Tous les individus qui ont coche au moins 1 des 2 premières cases a la question 4 qui sont agés d'au moins 15 ans et qui ont coché OUI a la question 44.

Non-réponse: Tout est blanc.
Réponse multiple; Au moins deux cases sont cochees; ou une case (invalide) est cochée et un montant non correspondant est indiqué; ou deux montants sont fournis; ou une case autre que la dernière est cochée et une periode est indiquée.
Réponse partielle: Ce n'est pas une réponse multiple; et une case est cochée sans que le montant correspondant soit indiqué; ou, dans le cas du dernier groupe de réponse, une periode est indiquee mais il n'y a pas de montant ou un montant est indiqué mais il n'y a pas de periode.

Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

## ETAPE 8

## Question 46

Population cible: Tous les ménages.

Non-reponse: Tout est blanc $y$ compris la case 7. Réponse multiple (valide): Au moins deux noms sont fournis. Réponse simple: Ce qui n'appartient a aucune des autres catégories de reponse.

## Question 47

Population cible: Tous les ménages.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Réponse simple: Ce qui n'appartient a aucune des autres catégories
de réponse.
ouestion 48 et 49
Population cible: Tous les ménages.

Non-réponse: Tout est blanc.
Reponse simple: Ce qui n'appartient pas a l'autre catégorie de reponse.

Question 50,51 et 52
Population cible: Tous les ménages.

Non-reponse: Tout est blanc.
Réponse multiple (invalide): Au moins deux cases sont cochées.
Reponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

Population cible: Tous les ménages qui n'ont pas coché la case dans le NOTA situé au coin droit de la page 31.

Non-réponse: Tout est blanc.
Réponse multiple: Les deux cases sont cochées; ou une case est (invalide) cochée et un montant non nul est indiqué; ou les deux cases sont cochées et un montant non nul est indiqué.

Réponse simple: Ce qui $n^{\prime}$ appartient a aucune des autres catégories de réponse.

- Ouestion 54

Population cible: Tous les ménages qui ont coché la deuxième case a la question 47 et qui n'ont pas coché la case dans le NOTA situé au coin droit de la page 31.

Non-réponse: Tout est blanc.
Reponse multiple (invadide): La case est cochée et un montant non nul est indiqué.
Réponse simple: Ce qui n'appartient à aucune des autres catégories
de réponse.

Question 55a) et 55cl
Population cible: Tous les ménages qui ont coché la première case a la question 47 et qui n'ont pas coché la case dans le NOTA situé au coin droit de la page 31 .

Non-réponse: Tout est blanc.
Réponse multiple (invalide): La case est cochée et un montant non nul est indiqué.
Réponse simple: Ce qui n'appartient à aucune des autres catégories de réponse.

Question 55b)
population cible: Tous les ménages qui ont coché la première case a la question 47, qui n'ont pas coché la case dans le NOTA situe au coin droit de la page 31 et qui ont fourni un montant a la question 55a).

Non-réponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Réponse simple; Ce qui n'appartient a aucune des autres catégories de réponse.

## Ouestion 55d)

Population cible: Tous les ménages qui ont coché la premiere case a la question 47 et qui n'ont pas coché la case dans le NOTA situé au coin droit de la page 31 .

Non-réponse: Tout est blanc.
Réponse simple: un montant est indiqué.

## ouestion 55e)

Population cible: Tous les menages qui ont coche la première case a la question 47 et qui n'ont pas coché la case dans le NOTA situé au coin droit de la page 31 .

Non-réponse: Tout est blanc.
Réponse multiple (invalide): Les deux cases sont cochées.
Réponse simple: Ce qui n'appartient à aucune des autres catégories
de réponse.

## Question 55f)

Population cible: Tous les ménages qui ont coché la première case a la question 47, qui n'ont pas coché la case dans le NOTA situe au coin droit de la page 31 et qui ont coché la case OUI a la question $55 e$ ).

Non-réponse: Tout est blanc.
Réponse multiple (invalide): La case est cochée et un montant non nul est indiqué.
Repponse simple: Ce qui n'appartient a aucune des autres catégories
de réponse.

## ETAPE 9 (NP)

Population cible: Tous les ménages.

Non-réponse: Aucun nom d'inscrit.
Réponse multiple (valide): Deux noms sont inscrits.
Réponse simple: Ce qui n'appartient a aucune des autres catégories de réponse.

ETAPE 9 (TL et EF)

Population cible: Tous les menages.

Non-réponse: Tout est blanc.
Reponse simple: Ce qui n'appartient pas à l'autre catégorie de
réponse.

Appendix 3


STEP 8



- QUESTION 550

SIMPLE RESPONSE . . . . ...... 82.
17.2 NON-RESPONSE..................

NON-RESPONSE . . . . . . . . . . . 17.2 NON-RESPONSE..............

SIMPLE RESPONS
NON-RESPONSE . . . . . . ..........
93.3

MULTIPLE RESP.iINVALIOJ.
6.7

SIMPLE RESPONSE NON-RESPONSE MULTIPLE PESP
STER 6





STEP 7


| SIMPLE RESPONSE . . . . . . . . . | 97.9 |
| :--- | :--- |
| NON-RESPONSE. ........... | 1.7 |
| MULTIPLE RESP.IINVALIDI. | 0.4 |
| PARTIAL RESPONSE. ....... | 0.0 |

QUESTION 20
SIMPLE RESPONSE..........
NON-RESPONSE................
MULTIPLE RESP.IINVALIDi.


## QUESTION 22

| SIMPLE RESPONSE. ........... | 95.5 |
| :--- | :--- | ---: |
| NON-RESPONSE................. | 4.2 |
| MULTIPLE RESP.IMYAEIDI. | 0.3 |



## QUESTION 27

SIMPLE RESPONSE . . . . . . . . . .
NON-RESPONSE. . . . . . . .
96.1
3.7

NON-RESPONSE...........
MULTIPLE RESP.iMVALIDi.

## QUESTION 3.1

SIMPLE RESPONSE NON-RESPONSE
85.1 NON-RESPONSE....i.......
MULTIPLE RESP.iANVIIDi.
85.1
13.7

QUESTION 35

SIMPLE RESPONSE NON-RESPONSE
$\qquad$ 6.5

SIMPLE RESPONSE
75.3

NON-RESPONSE. .................

SIMPLE RESPONSE
43.7

NON-RESPONSE....
4.2
52.1

QUESTION 36
QUESTION 28

ULTIPLE RESP.ivAiIDi

QUESTION 32


SIMPLE RESPONSE


QUESTION 44

SIMPLE RESPONSE
........... 87.6
MULTIPLE RESP.iinvalioj. 0.1

QUESTION 45




| QUESTION 19 |  | QUESTION 20 |  | Question 21 |  | QUESTION 22 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SIMPLE RESPONSE | 3920 | SIMPLE RESPONSE. | 3871 | SIMPIE RESPONSE. | 1272 | SIMPLE RESPONSE. | 1955 |
| NON-RESPONSE | 67 | NON-RESPONSE. | 133 | NON-RESPONSE. | 11 | NON-RESPONSE... | 86 |
| MULTIPLE RESP. (INVALID). | 16 | MULTIPLE RESP.(INVALIO). | 0 | HULTIPLE RESP. IINVALIDI. $^{\text {I }}$ | 46 | MULTIPLE RESP.(INVALID). | 7 |
| PARTIAL RESPONSE........ | 1 |  |  | PARTIAL RESPONSE. | 32 |  |  |
| Question 23a |  | QUESTION 23B |  | Question $23 C$ |  | QUESTION 24 |  |
| STMPLE RESPONSE. | 2830 | SIMPLE RESPONSE.......... | 2860 | SIMPLE RESPONSE. | 273 | SIMPLE RESPONSE.......... | 3602 |
| NON-RESPONSE. | 112 | NON-RESPONSE. . . . . . . . . . . | 139 | NON-RESPONSE. . . . | 21 | NON-RESPONSE............. | 400 |
| Partial response......... | 57 | MULTIPLE RESP.(INVALID). | 0 | MULTIPLE RESP.IINYALIDI. | - | MULTIPLE RESP.(INVALID). | 2 |



QUESTION 26
***** MULTIPLE RESP.IINVALIDJ.
QUESTION 26
 MULTIPLE RESP.iINVALIDI. 25

QUESTION 33


QUESTION 35


QUESTION 36

SIMPLE RESPONSE
NON-RESPONSE.
2268

| QUESTION 37 |  | QUESTION 38 |  | QUESTION 39 |  |  | QUESTION 40 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SIMPLE RESPONSE | 2469 | SIMPLE RESPONSE | 329 | SIMPLE RESPONSE | 2303 | SIMPLE | SPONSE |  |
| NON-RESPONSE | 141 | NON-RESPONSE. | 2 | NON-RESPONSE. | 324 | NON-RESP | NSE. | 100 |
| MULTIPLE RESP.IINVALIOJ | 23 | MULTIPLE RESP.(INVALID). | 0 | MULTIPLE RESP.(INVALID) | 6 | partial. | ESPONSE . . | 109 |



| QUESTION | $43 A$ | 438 | 436 | 43D | 43E | 43F | 436 | 43H | 431 | 43J | 43K |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SIMPLE RESPONSE. | 2967 | 2264 | 2256 | 2482 | 2447 | 2385 | 2325 | 2492 | 2341 | 2301 | 2692 |
| NON-RESPONSE . . . . . . . . . . | 901 | 1724 | 1733 | 1477 | 1512 | 1579 | 1641 | 1464 | 1627 | 1690 | 1223 |
| MULTIPLE RESP.(INVALID). | 56 | 5 | 6 | 4 | 5 | 5 | 5 | 13 | 5 | 9 | 46 |
| PARTIAL RESPONSE......... | 80 | 11 | 9 | 41 | 40 | 35 | 33 | 35 | 31 | 4 | 43 |


| QUESTION 44 |  | QUESTION 45 |  |
| :---: | :---: | :---: | :---: |
| SIMPLE RESPONSE. | 3506 | SIMPLE RESPONSE. | 1496 |
| - NON-RESPONSE...... | 495 | NON-RESPONSE. | 101 |
| MULTIPLE RESP.(INVALIO). | 3 | HULTIPLE RESP.(INVALIO). | 130 |
|  |  | partial response........ | 41 |

## Appendix 4





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STEP }
```



question 6

| SIMPLE RESPONSE | 96. |
| :---: | :---: |
| NON-RESPONSE | 2.3 |
| HULTIPLE RESP.IINVALIDI. | 0.9 |
| PARTIAL RESPONSE | 1 |

SIMPLE RESPONSE
NON-RESPONSE MULTIPLE RESP.IINVALIB:

INPLE RESPONSE
MON-RESPONSE. HUETTPLE RESP I INYALIDD

QUESTION 7

## 81.5 18.5



QUESTION 8

SIMPLE RESPONSE.......... 70. NON-RESPONSE................... $7 .$. MUTTESPONSE................

QUESTION 12

SIMPLE RESPONSE......... 9S.S MON-RESPONSE.................. 3.0 \begin{tabular}{l}
NON-RESPONSE............ $\quad 3.0$ <br>
MULTIPLE RESP.ivALIOB... <br>
\hline

 

NON-RESPONSE....................... 96.8 <br>
MULTPIE RESP. 1 . <br>
\hline
\end{tabular} MULTIPLE RESP.(VALIO)

 PARTIAL RESPONSE

SIMPLE RESPONSE . . . . . . . . MULTIPLE RESP (YAITOI PARTIAL RESPONSE
96.3
2.2
1.4

SIMPLE RESPONSE . . . . . . . . . .
97.7 NON-RESPONSE..... MULTIPLE RESP.(INVALID) PARTIAL RESPONSE


| QUESTION 15,16 (BAND) | 815 | 016 |
| :---: | :---: | :---: |
| SIMPLE RESPONSE. | 33.7 | 27.9 |
| ENON-RESPONSE. INOT APPLICABL | 59.2 | 72.1 |
| MULTIPLE RESP.IVALIDI | 7.1 |  |

QUESTION 17
QUESTION 18
$\begin{array}{llr}\text { SIMPLE RESPONSE . . . . . . . . . . } & 96.3 \\ \text { NON-RESPONSE. . } & 3.0 \\ \text { MULTIPLE RESP. }\end{array}$ PARTIAL RESPONSE
0.6
0.0

SIMPLE RESPONSE
 MULTIPLE RESP. ITNVALIOI. MULTIPLE RESP.IINVALIDI.

## STEP 7


QUESTION 23A
SIMPLE RESPONSE........... 94 PARTIAL RESPONSE .................


## QUESTION 22

SIPPLE RESPONSE . . . . . . . . . 95.7 NON-RESPONSE. NULTIPLE RESP.iINVALIBi. 0.0

## QUESTION 24

IMPLE RESPONSE
NON-RESPONSE
MULTIPLE RESP.iINVALIDi.

## QUESTION 28

SIMPLE RESPONSE

NON-RESPONSE.

MULTIPLE RESP.ivALIDi

QUESTION 32
SIMPLE RESPONSE

MON-RESPONSE.

44.2
3.6 NON-RESPONSE............. 12.2 NON-RESPONSE.... SIMPLE RESPONSE . . . . . . . . . 86.4

SIMPLE RESPONSE NON-RESPONSE
$\qquad$

$$
0.0
$$71. .

QUESTION 36

## 6.3

SIMPLE RESPONSE NON-RESPONSE . . . . . . . . . . . MULTIPLE RESP. (INVALIB). PARTIAL RESPONSE........



| QUESTION | $43 C$ | 430 | 43 E | 437 | 436 | 43H | 431 | 433 | 43K |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SIMPLE RESPONSE. | 57.6 | 62.4 | 61.9 | 60.7 | 59.3 | 63.6 | 59.9 | 59.1 | 68.4 |
| NON-RESPONSE . . . . . . . . . . . | 42.2 | 36.5 | 36.9 | 38.6 | 39.7 | 34.9 | 39.1 | 40.5 | 29.5 |
| MULTIPLE RESP.(INVALIDI. | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.2 | 0.3 | 1.1 |
| PARTIAL RESPONSE. | 0.1 | 1.0 | 1.1 | 0.6 | 0.9 | 1.1 | 0.9 | 0.1 | 1.1 |

QUESTION 44

- STMPLE RESPONSE........... 89 NON-RESPONSE . . . . . . . . . . . . 10 mULTIPLE RESP.iInValioi. 0.1

QUESTION 45

SIMPLE RESPONSE
NON-RESPONSE ......... 84.6
MULTIPLE RESP. IINVALIDI $\quad 7.5$
PARTIAL RESPONSE......... 2.6

NON-RESPONSE . . . . . ......... MULTIPLE RESP.(INVALID). ©

NONTRESPONSE.............. 9.6 6
PARTIAL RESPONS
-

MULTIPLE RESP.iINYABIDi. PARTIAL RESPONSE

MULTIPLE RESP. ITMYALIDI
PARTIAL RESPONSE.

QUESTION 13

OVER-RESPONSE . . . . . . . . . . 1.3
NON-RESPONSE. 1 VALID . . .
.

| QUESTION 15,i6 (BANDI | 015 | 816 |
| :---: | :---: | :---: |
| OVER-RESPONSE. ...... NON-RESPONSE . (VALID) | $\begin{array}{r} 1.1 \\ 98.9 \end{array}$ | $\begin{array}{r} 0.7 \\ 99.3 \end{array}$ |

STEP 7

| QUESTION | 19 | 20 | 21 | 22 | 238 | 23B | $23 C$ | 24 | 25 | 26 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OVER-RESPONSE.......... | - | - | 59.5 | 6.3 | 5.6 | 16.9 | 2.6 |  |  |  |
| NON-RESPONSE.iVALID).... | - | - | 40.5 | 93.7 | 94.4 | 83.1 | 97.4 | - | - | - |
| QUESTION | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| OVER-RESPONSE. . . . . . . . . | - | - | 12.7 | - | 33.2 | 9.3 | 9.2 | 9.0 | 0.5 |  |
| NON-RESPONSE.IVALIDI.... | - | - | 87.3 | - | 66.8 | 90.7 | 90.8 | 91.0 | 91.5 | 93.7 |
| QUESTION | 37 | 38 | 39 | 40 | 41 | 42 |  |  |  |  |
| OVER-RESPONSE. . . . . . . . . . | 9.6 | 10.0 | 12.9 | 17.8 | 22.1 | 11.4 |  |  |  |  |
| NON-RESPONSE.(VALID).... | 90.4 | 90.0 | 87.1 | 82.2 | 77.9 | 88.6 |  |  |  |  |


|  | QUESTION | 45 |
| :---: | :---: | :---: |
| OVER-RESPONSE. |  | 7.7 |
| NON-RESPONSE. 1 | ALID) | 92.3 |


| Question | 53A | 538 | 53 C | 54 | 55A | 558 | $55 C$ | 550 | 55E | 557 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OVER-RESPONSE . . . . | 16.3 | 16.3 | 16.3 | 4.6 | 6.8 | 26.3 | 4 | 3.5 | 7.2 |  |
| NON-RESPONSE. 1 VALIDI.... | 83.7 | 83.7 | 83.7 | 95.4 | 93.2 | 73.7 | 93.6 | 96.5 | 92.8 | 87.1 |

QUESTION 13

OVER-RESPONSE............. 59
NON-RESPONSE. (VALID).... 4472

| QUESTION 15,16 (BAND) | 015 | 016 |
| :---: | :---: | :---: | :---: |
|  |  |  |

## OVER-RESPONSE FREQUENCIES (ESS FOR NCTI

## STEP 7

| QuESTION | 19 | 20 | 21 | 22 | 23A | 238 | 235 | 24 | 23 | 26 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OVER-RESPONSE. . . . . . . . . | - | - | 1572 | 124 | 56 | 170 | 97 |  |  |  |
| NON-RESPONSE.(VALID).... | - | - | 1071 | 1832 | 949 | 835 | 3613 | - | - | - |
| question | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| OVER-RESPONSE . . . . . . . . . | - | - | 244 | - | 747 | 127 | 126 | 124 | 117 |  |
| NON-RESPONSE.(VALID). | - | - | 1680 | - | 1505 | 1244 | 1245 | 1247 | 1254 | 1285 |


| QUESTION | 37 | 38 | 39 | 40 | 41 | 42 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OVER-RESPONSE........ | 132 | 366 | 7 | 4 | 303 |  |
| NON-RESPONSE.(VALIO). | 1239 | 3307 | 1194 | 1547 | 1068 | 1494 |



| QUESTION | 53a | 53B | 3 C | 54 | 55A | 558 | 550 | 550 | 55E | $55 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OVER-RESPONSE. | 7 | 7 | 7 | 72 | 42 | 389 | 40 | 22 | 45 |  |
| NON-RESPONSE.(VALIDI.... | 36 | 36 | 36 | 1495 | 580 | 1091 | 582 | 600 | 577 | 1762 |

こ

Appendix 6

QUESTION 13

OVER-RESPONSE ............ 1.1
NON-RESPONSE.iVALIDI.... 98.9

QUESTION 15,16 (BAND) Q15 Q16

OVER-RESPONSE . . . . . . . . . . . . . . 1.2 . 0.7
NON-RESPONSE. IVALIDI......... 98.8 99.3

## OVER-RESPONSE RATES IESS FOR NCTI



STEP 8

| QuESTION | 53A | 538 | 53 C | 54 | 55A | 558 | $55 C$ | 550 | 555 | 55F |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OVER-RESPONSE... | 14.9 | 14.9 | 15.3 | 5.9 | 5.9 | 24.6 | 5.3 | 2.9 | 5.7 | 81.7 |
| NON-RESPONSE.(VALID).... | 85.1 | . 85.1 | 84.7 | 94.1 | 94.1 | 75.4 | 94.7 | 97.1 | 94.3 | 88.3 |

## Appendix 7

| Scenario 1 : rejection rate $=39.28$ |  |
| :--- | :--- |
| Non-response | S3. S4 S5 Q1 Q2 Q3 Q4 Q5 Q6 Q10 Q47 |
| Multiple response | S3 S4 S5 Q3 Q5 Q6 Q47 |
| Partial response | S4 Q4 Q5 Q10 |
| Special response | S2 S3 S4 S5 Q2 Q46 |


| Scénario 2 : rejection rate $-31.8 \%$ |  |
| :--- | :--- |
| Non-response | 53 S4 S5 Q1 Q2 Q3 Q4 Q5 Q6 Q10 Q47 |
| Multiple response | $\cdots$ |
| Partial response |  |
| Special response |  |


| Scénario 3 : rejection rate - 36.28 |  |
| :--- | :--- |
| Non-response | S3 S4 Q1 Q2 Q3 Q4 Q5 Q6 Q10 Q47 |
| Multiple response | S3 S4 Q3 Q5 Q6 Q47 |
| Partial response | S4 Q4 Q5 Q10 |
| Special response | S2 S3 S4 Q2 Q46 |

## Program for the calculation of rejection rates with scenarios 1 and 2.

```
< job card with TIMEm(0,14) and CLASS-A >
//PROCLIB DD DSNmSTC2.SAS.PROC,DISP=SHR
//ETAPE1 EXEC SAS
//IN1 DD DSN=CECO.PUBLIC.ESSNCT.MACRO(PGM).DISP=SHR
//IN2 DD DSN=CECO.PUBLIC.ESSNCT.DATA.CONIROL.SAS,DISP=SHR
//SYSIN DD *
&INCLUDE INI;
&ANAL_REG(1,ST2 ST3 ST4 ST5 Q1 Q2 Q3 Q4 Q5 Q6 Q10 Q47)
%ANAL_REG(2,ST3 ST4 ST5 Q3 Q5 Q6 Q47)
8ANAL_REG(3,ST4 Q4 Q5 Q10)
8ANAL_REG(4,ST2 ST3 ST4 ST5 Q2 Q46)
%COMP_REG(R1-1,R2=2,R3-3,R4-4)
8ANAL_REG(1,ST2 ST3 ST4 ST5 Q1 Q2 Q3 Q4 Q5 Q6 Q10 Q47)
&COMP_REG(RI-1)
//
```

One can edit separately the "father" part and the "mother" part of Question 14, the variables used in the \&ANAL_REG statement are Q14P and Q14M respectively. Use Q15 and Q16 for the "ethnic" portion of these questions, Q15C and Q16C for the "band" portion. For Questions 23, 53 et 55 , also specify the question part; for example, Q23A, Q53C, Q55F, etc.

Appendix 8

## 1978 CENSUS TEST

Please complete your questionnaire as of Wednesday, March 15, 1978.
Refer to the enclosed Guide for further details.


This household is made up of all persons who usually live here, even if they are temporarily away (such as on business or at school), and any persons staying or visiting here who have no other usual home.

Temporary or foreign residents, see the back cover and return the questionnaire in the enclosed envelope.


## PLEASE INCLUDE ALSO ...

- persons who usually live here but are now in an institution (such as hospital, correctional institution), if they have been there for less than 6 months;
- unmarried persons with a home elsewhere but who stay in this household during the week while working.


## ... BUT DO NOT INCLUDE

- persons who are now in an institution and have been there for the,past 6 months or longer;
- unmarried persons who live elsewhere during the week while working, even if they return here on week-ends;
- persons permanently away from home in the Armed Forces;
- foreign government representatives or members of the Armed Forces of another country and members of their famities who are not citizens of Canada.

How many persons who have a usual home elsewhere in Canada are now staying or visiting here temporarily?
ONone, OR $\square$ Number of persons

## ORDER OF LISTING OF MEMBERS OF THIS HOUSEHOLD

To ensure that all persons in the same family group are listed together, enter the names of all members of this household on page 2 in the following order:
(a) Person 1:
Choose one of the following as Person 1:

- any person who lives alone
- either the husband or the wife in any married couple living here
- either partner in a common-law relationship
- the parent, where one parent only lives with his or her never-married sons or daughters.
If none of the above apply, choose any adult member of this household.
(b) Husband or wife (or common-law partner) of Person 1:
(c) Never-married children or stepchiidren of Person 1:
(d) Other children of Person I, and their families;
(e) Other relatives of Person 1 (whether related by blood, marriage, adoption or common-law), and their families;
(f) Persons not related to Person 1, and their families.

Poge 2



Pege 4
3. How many persons usually live in this household?


Number of persons
Litt 6 persons only on this form. Use the edditional form provided to list other houschold members.
8. Did you lenve enyone out of Question 1 beceuse you were not

- sure whether he or she should be listed? For example, a student, - lodger who elco hes another home, a new beby still in hocpitsl. or a formar aceupent of this household who has become a pations in a hospital or sanatorium within the pest 6 monthe
Ores
ONo
If "Yes", print nempls) here and the reseon this porson was loft out.

Name $\qquad$

Prason

H you require more space, plaese use the "Householder Comments" section on the beck cover.

A dwelling is a separate set of living quarters with a privite entrince from the outside or from a common hallway or stairway inside the bullding. This entrance must not be through someone else's living quarters.
10. The foltowing questions about your dwelling should be answered

- by the person, or one of the persons, in the household who pays the rent or the mortgage, or the taxes, atc., for this dwelling.

Enter the neme of that person here

## CENSUS REPRESENTATIVE'S USE ONLY

## Unoceupied Dwolling

88. A. Was this dwelling ever occupied?
$1 \square Y_{\omega}$
$2 \mathrm{NO}_{0}$
B. Length of time uncceupied?

3Under one vear
4 One year or more
C. Is this dwelling (Check ( $)$ one box only)
Availabie?
$5 \square$ For rent
$6 \square$ For sale

Or unavailable?$\square$ Compeny maintainedSecond home
9Rented or told
10 $\qquad$ For demolition (or expropriated)

11Other
97. Is this a sessenal dwelling?

98. uo

## OFFICE USE ONLY



``` FP
```

```
AV
Trans.
```

$4 \square \vdots$
$3 \square$ FR
$6 \square$ TR
$7 \square$ Ref.

11. Do you enter your living quarters:

- $1 \square$ By a seperate peivate entrance from outside?
$2 \square$ By a separate private entrance off a common hallway or stiliway?
3 Through semeone else's living quarters?

12. Is this dwelling a:

- Check fll one bar onfy

1 Sinde houen - a single dwelling not atteched to eny other building and surrounded on all sides by open spece?
$2 \square$ semiderasetiod or double houst - one of two dwellings attached side by side but not atteched to
 any other buliding and auprounded on ell other sides by open spece?
$3 \square$ Duplax - one of two dwellings. one above the other, not sttached to any other building
 and surrounded on all sides by open space?
$4 \square$ Row house - one of three or more dwellings joined side by side but not having any other dwellings either sbove or below?

$5 \square$ Apartinent in a building that has dx or miners starny - for example, a dwelling unit in a highrise apartment building?

$6 \square A^{4}$ Amertinnt in a bulldine that hes less than six storsys - for axample, a dwelling unit in a triplex, quadruplex or a dwel-
 ling unit in a non-residential building or in a house that has been converted?
$7 \square$ House atteched to a nonresidentid building - a dwelling unit attached to another building at ground level (such as a
 store, ote.) but separated from it by a common wall running from ground to roof?
$8 \square$
Mobils home (designed and construeted to be transported on its own chessis and espable of being moved on shory notice)?


9 Other movable dwelling isuch as a tent, travel trailer, railroad car or houseboath?
13. When was your dwelling of the building containing your dwelling originally built? (To the best of your knowledge, merk the period in which the building was completed, not the time of eny later jemodalling, edditions or conversions.)
Whack (d) one box onty
I. 1820 or before1921-19451986-1960

14. How long have you lived in this dwalling?

Check (A) one Dor only
$1 \square$ Lesz then one yearOne to two yearsThroe to five vears
$\triangle$Six to ton years
3 $\square$ More than ten yeara
16. How many rooms are there in your dwelling? (Include kitchen, bedrooms, finished rooms in attic or basement, etc. Do not count batirooms, halis, vestibules and rooms used solely for business purposes. 1
$\square$ Number of rooms
16. How many bedrooms are thars in your dwelling? (Include all rooms designed as bedrooms, oven though the use may be occosional, as in the case of a "spare" bedroom. Do not inelude roorns designed as dining-rooms, living-rooms, atc., but which moy be used as bedrooms at night.)
$0 \square$
Nona, OR

17. How many bethrooms do you have within your dwalling?

Ploase consult the Guide for details

- DANone, OR


Number of complete bathrooms


Number of half bathrooms
18. What is the main type of heating equipment for your dwelling?

Check ( 1 ) one bax only
$1 \square$ Steam or hot water furnace
$2 \square$ Hot sir furnace
3 Installed electrie heating system
4 Heating stove, cooking stove, space heater
SOther (fireplace, esc.)
19. Is vour dwelling in need of any repairs? (Do not inelude desirable remodelling or sdolitions.)
$1 \square$ No, only ropular maintenance is noeded (painting. furnece cleaning, otc.)
$2 \square$
Yes, minor rapairs are noeded tloose bricks or shingles, defective steps, riiling or siding. etc.)
$3 \square$ Yes, major ropairs are needed (defective plumbing or electrical wiring, structural repeirs to walls, floors or ceilings, ote.)
20. Is this dwelling:

- Check ( $)$ one box only

1 Owned or being bought by you or a member of this household?
2 Rented leven if no cash rent is peid to the landlord)?

NOTE: Answer QuEations 21 to 23 only for the dwelling unit that you now occupy, even if you own or rent more than one dwelling.
21. For this dwalling, what are vour avaroge yoerty payments for:
(a) Electricity?
$1 \square$ None, OR

(b) Oil, gas, coall, wood or other fuels?
$3 \square$ None, OR

(c) Water, sewaga and garbage collection?

5
None, OR

(d) Condominium fees or lot rental?
? $\square$ None, OR

22. (For Renters Only) What is the regular monthly casth rent for this dwelling?

23. (For Owners Only)
(a) What are your total regular monthly mortgage (or debt) peyments for this dwelling?$\square$ None - Go ro $_{0}$ Question 23. (c) OR

(b) Are your property taxes (municipal and school) included in the amount shown in Question 23.lal?
$3 \square$ $\mathrm{Y}_{\mathrm{Es}} \longrightarrow$ GO to Question 23.( $(\mathrm{A})$No
(c) What are your estimated yaarty property taxes (municipal and school) for this dwelling?

(d) If you were to sell this dwelling now, for how much would you expect to sell it?

(e) is your dwelling part of a legally registered condominium development?


Page 6

20. Which of Cenada's two official languages. English end French, ere you sble to speak?
Check ( 0 ) ane box anly
$1 \square$ Engiles onty
$2 \square$ French only
$3 \square$ Both English and French
4 Neither English nor French
30. (a) Heve you attanded en educational institution at any time since leat September? (Soe gulde for further information.) Check ( $($ ) one box only
$1 \square$ No $\rightarrow$ Go to Question 31
$\left.\begin{array}{l}2 \square \text { Yes, full-time } \\ 3 \square \text { Yes, pert-time, dey or evening }\end{array}\right\}$ Go to Question $30 .(b)$
(b) What kind of edueationel institution did you attend?

Check (1) one bax only
$4 \square$ Eiementary/Secondary
$5 \square$ Postrecondery non-university
$6 \square$ Univernity
31. What is the highest grade or vear of socondary or elementary school you ever attended?
Check (H) ane box only, or enter highest grede or year
0 No sehooling
01

26. Of what country are you a citizen?

Cheek (A) os mony boxes as apply
$1 \square$ Canodo by birth
$2 \square$ Conedo oy naturalization
$3 \square$ Some es country of birth
$4 \square$ Other
27. To which othnic or cultural group did you or your ancestors belong on first coming to this continent?

28. What is your ratigion?

33. (a) How many years of schooling since secondary (high) school hove you ever completad at an institution other than a university (e.g., Community Coflege, Institute of Technology, CEGEP, Diploms Sehool of Nursing, etc.l?
$0 \square$ None $\rightarrow$ Go to Ouestion 34

(b) In which one of the following was this schooling taken? If mort then one answer is applicsble check ( $\sqrt{ }$ ) onty the one of longest duration
$3 \square$ Teachers' Coliege
$4 \square$ Diploms School of Nursing
$5 \square$ Community College
$6 \square$ CEGEP (general)
7 CEGEP (professional or other)
$8 \square$ Privare Trede School or Private Business College
$9 \square$ Vocational Training Centre
$10 \square$ Other
34. How many years of education have you ever completed at unive ar:
$00 \square$ None
01Less than 1 year (of completed courses)

## OUESTIONS FOR PERSON 1

Whar degress, eertificates or diplomas have you ever obtrined?
sheck (N) es mony boxes as apply
N None
1 Socondary (high) school graduation cartificate
2 Trades cartificate or diploms


Non-university cortificate or diploms le.g., obtained ot Community Collega, CEGEP, Institute of Technology, etc.)
4 University eardificate or diploma below bechelor level
$5 \square$ Bechelor's degrse (s) (e.g., B.A., B.SC., B.A.Sc., LL.B.)
6Univessity certificate or diploma abowe bechelor level
7Mestor's degree(s) (e.g., M.A., M.Sc., M.Ed.)
8
Degree in medicine, dentistry or veterinary medieine fe.g., M.D., D.D.S., D.M.D., D.V.M.I

9 Earned doctorate (0.g., Ph.D., D.Sc., D.Ed.)
36. For FEMALES 16 years of age or older: How many children wera evar born to you? (Include all children who may have died since birth and those who are now living eisewhere, but do not include stillbirths babies who showed no signs of life at birth.)
0 -
 OR
$\square$ Number of children
37. Where did you live 5 years ago, on March 1, 1973 ?

- Check ( 1 ) one bax only

1 [] Seme awelling
$2 \square$ Different dwelling in same city, town, village, borough, or municipality
3 Outside Canada
Go to Question 38
Different city, town, villege, borough, or municipality in
Cansda (soscify below)
Impartant: If you lived in a suburben municipality within a large upban ares, specify that municipality, not the main cirv - $\quad$ ro.p., Montral. Nord rather than Monzudal; Scarborough

- rother then Toronto; West Vancouver mether thari Vancouvar).
$\overline{C i t y}$, town, village, borough, or municipality

County

38. For persons who ard, or have ever been, married:
(a) What were the month and year of your FIRST marriaga? Example: if you married in February 1945, you would enter


If exact month or year are not known, please enter best estimate.

(b) What were the month and year of your MOST RECENT marriage?Same as month and year of first marriage
Different from month and year of first marriage.
Enter month and year of most recant marriage below.
If exact month or year are not known, plesse enter best estimate.

(a) Last week, how many hours did you work (not counting housework of other work around your homel?
Include: tworking for wages, stlory, tips or commission, working in your own business, farm or profossionel practice. working without pay in stanily form or busineas.
$0 \square$ Nome $\rightarrow$ Go to Ouestion 39.(b)
OR

(b) Last week, did you have s job from which you were on temporsery lay-otf?

(c) Lest week, did you have a job or business from which you were absent because of iliness, vacation, iabour dispute at your place of work, training courses, etc.?

(d) Last week, did you have definite arrangements to start a new job within the next four weeks?

(e) Did you look for work during the past four weeks? For example, did you contect a Canada Manpower Centre, check with employers, place or answer newspaper ads, etc.? Check ( $n$ ) one box only
$8 \square \mathrm{No} \rightarrow$ Go to Quastion 40
$9 \square$ Yes, looked for full-time work
$10 \square$ Yes, looked for part-time work (less than 30 hours per week)
(f) Was there any reason why you could not start work last week? Check (N) one box only
$11 \square$ No, could heve started work
$12 \square$ Yes, alresdy hed a job
$13 \square$ Yes, temporary illness or direbility
$14 \square$ Yes, personal or family responsibilities
$15 \square$ Yes, going to school
$16 \square$ Yes, other reasons
40. When did you last work, even for a few days (not counting housework or - other work around your homel?

Check (V) one box only

$\left.\begin{array}{l}\ln 1978 \\ \ln 1977\end{array}\right\}$
Answer Quastions 41 to 46Before 1977
Never worked in lifetime
Go to Ouestion 46.
41. Note: Questions 41 to 44 refer to your job or business last week. If none. answer for your job of longest duration since January 1, 1977. If you held more than one job last week, answer for the job at which you worked the most hours.
(a) For whom did you work?

(b) What kind of business, industry or service was this?

> Give full description. For example, peper box menufacturing. rosd construction, retsil stoe stort, secondary school, doiry farm.


Page 8

## OUESTIONS FOR PERSON 1

42. At what eddress did you work?

Check (I) one bax only
$1 \square$ Worked at home (Includes Iiving and working on the seme ferm)
2
$\square$ Worked outside Conneda
$3 \square$ Worked at eddress below (Please specify) ——

Number - - - - - - - - -
If ztreer address is nor known, give the building name, shopping centre or streer intersection, ofe.
$\overline{C i t y}$, town, vilise, borcugh, township or other municipality Pleuse be precise. For example, if you worked in a suburben municipality of a large metropolitan ares, seocify that municipality, not the largest city.

Province or Territory

43. (a) What kind of wark were you doing?
$\bullet$
 For example, accounting clork, sales representative, civil engineer, secondary teaching, garage foreman, metz/ machining.
(b) In this work, what were your most important activities or duties?

For example, verifving invoices, selling electrical tools,
managing the research department, reaching mathematics,
supervising auto mechanics, opersting fathe.

44. (a) In this jab were you mainly:
\(\left.\begin{array}{l}1 \square working for wages, salary, tips or commission? <br>
\square working without Day for a relative in a <br>

family farm or business?\end{array}\right\}\)| Go to |
| :--- |
| Question 45 |

$3 \square$ selfemployed without paid help?
$4 \square$ self-employed with paid help?
(b) If self-employed, was your farm or business incorporated?
$5 \square \mathrm{~N}$ $6 \square$ Yes
45. (a) in how many weeks did you work during 1977 (not counting housework or other work around your home)?
Include those weeks in which you:
(II) worked full-time or pert-time;
(ii) were on vacetion or sick lemve with pay;
(iii) were se/f-employed.
$0 \square$ None $\longrightarrow$ Go so Question 46
OR


Weeks
(b) During most of those weeks, did you work full-time or part-time? Check (V) one box only
$2 \square$ Full-timePart-time
43. During the year ending December 31, 1977, whet was your totel income from

- the sources listed below?
- Please be surv to enter an emount or check the "Nọne" box mainst each Item.
- If you suffered a lose from any of the items (b), (c), (j) or (m), piease the omount and slso check the "Lost" box.
- Plosse consult the Guide for details.
(a) Toral Wagas and Solaries including commissions, bonuses. ctps, ett., before any doductions


NONE
(b) Net Non-farm Selfermployment Income fgrom recsipts minus expenses/ from unincerporeted business, profassional practics, etc., on own account or in partnerchip
 OR $\quad 04 \square$
(c) Net Farm Selfemployment Income igross receipes minus expensesd from agricuftural opertions on own account or in pertnership $\qquad$


OR
None
$06 \square$
(d) Femily Allowances


OR $\quad 08 \square$
(e) Old Age Security Pension and Guaranteed Incorne Supplement from foderal government only. Provinciol incame supplements to be reported in (h))


OR $10 \square$
(f) Canada or Quebec Pension Plan benefits

(g) Unemployment Insurance Benefits


OR

(h) Other Income from Government Sources including Provincial Income Supplements and Social Assistance, e.g., veterans' pensions, workmen's compensotion, atc.


OR
None
$16 \square$
(i) Oividends and Interest on
bonds, deposits and saving certificates $\square$ OR $\quad \begin{aligned} & \text { None } \\ & \square\end{aligned}$
(j) Other Investment Income, e.g. net rents from real ercite, incerest from mortgages, etc.

(k) Retirement Pension, Superannuation and Annuities


OR $22 \square$
(I) Other Money Income, e.g., simony, seholerships, etc.

23
 OR

None
(m) TOTAL INCOME from all of the above sources
................
25


OR

Please complete your questionnaire on Tuesday, June 3, 1986


## CONFIDENTIAL WHEN COMPLETED

Only persons sworn to secrecy under the Statistics Act will have access to your completed questionnaire information derived from this questionnaire will be treated in accordance with the confidertiality provisions of the Act Persons who have been sworn to secrecy under the Act are subject to prosecution if they violate these provisions.

Legal requirement
The information sought in this questionnaire is collected under the authority of the Statistics Act Everyone is required to provide this information.

NOTE: The Guide Includes reasons why questions are asked end should provide the answers to any problems that may arise il not, do not hesitate to call our Telephone Assistance Service. The numbers to clad are listed on the beck cover and tong-distance calls are tree of charge

Please complete address or exact location:


## To Temporary Residents

If all mernbers of this household are Temporary Residents (that is persons staying here temporally who have a usual home elsewhere in Canada), enter the total number of temporary residents in this box. $\qquad$ $\square$ and do not complete this questionnaire Follow the return instructions indicated on the envelope which contained this questionnaire

## To Foreign Residents

If all members of this household are Foreign Residents (see below), mark here $\qquad$ and do not complete this questionnaire Follow the return insinuetiona indicated on the envelope which contained this questionnaire
Foreign Residents are persons in any one of the lot lowing categories:

- government representatives of another country attached to the legation, embassy or other delornatic body of that country in Canada, and thar tamis
- members of the Armed Farces of another country, and their fariliegr
- students from another country attending school in Canada and the families
- workers from another country in Canada on Employment Vies, and their families; and
- residents of another county visiting in Canada temporarily


Civen name and initud


Given name and britial


Given name and initial


Given name and initial


Given name and intiad

## 2 RELATIONSHP TO PERSON 1

- Eoceooh-parsoitir this household, mert \& one bax only to describe his or her relationship to Person 1. II you mark the box "Other relative" or "Other non-retative", print in the relationship to Purson 1. Some axampeses of the "Otyer relationchips are:


01 X Person 1Husband or wife of Person 1
Commontaw partner of Person 1
$\propto \square$Son or daughter of Person 1 Father or mother of Person 1 Erother or sister of Person 1 Son-h-law or daughter-in-law of Person 1
Falner-in-iaw or mother-in-law of Person 1

09
Erotherdintaw or alster-in-haw of Person 1
10Grandchild of Person 1
11Nephew or niece of Person 1(print below)
$12 \square$ Ledger
$13 \square$ Ledger's musband or wife
$14 \square$ Ledger's son or daughter
$15 \square$ Room-mate'
$16 \square$ Employes
$\square$ Other non-retative (pint below)

17
Brother-in-law or sister-in-law of Person 1
10Crandchind of Person 1
04Son or daughter of Person 1 Father or mother of Person 1 Brother or sister of Person 1 Son-in-law or daughter-in-law of Person 1Father-th-law or mother-in-law of Person 1

11Nephew or niece of Person 1
Other retative of Person 1 (porint below)

12 $\square$ Lodger
$13 \square$ Lodger's husbend or wite
$14 \square$ Lodger's son or daughter Room-mate Employee Other non-relative (print below)

19

09Brother-in-law or sister-in-law of Person 1Grandchild of Person 1Nephew or niece of Person 1Other relative of Person 1 (print below)
$12 \square$ Lodger
13 $\square$ Lodger's husband or wife
$14 \square$ Lodger's son or daughter
is $\square$ Room-mate
is $\square$ Employee
$\square$ Other non-relative (print below)
17

$09 \square$ Erother-in-law or sister-lit-law of Person 1
10Grandchild of Person 1
11 Nephew or niece of Person 1
Other relative of Person 1 (print Delow)Lodger Lodger's mushand or wife Lodger's son or daughterSon or daughter of Person 1 Father or mother of Person : Brother or sister of Person 1 Son-in-law or daughter-in-law of Person 1
08 Father-indew or mother-in-law of Person 1
$04 \square$
, Son or daughter of Person 1
05Father or mother of Person 1 Brother or sister of Person 1 Son-in-kw or dachtertintaw of Person 1
$08 \square$ Father-indaw or mother-in-law of Person 1

| 3. DATE OF GIRTH Prim dery. month end yeer. Exemple: "H you were boon on the 10th of Februsy, 1045. you woud enter $\square$ <br> 02 $\square$ <br> If exact date is not known, onter Dest estmart. | 4. SEX | 8. <br> MARITAL STATUS What is your maritad status? (See Gude) <br> Mark one box onty | 6. What is the benpuape you flrst learned in childhood and still understence? (See Gubse) | 7. Do you consider yourselt an aboriginal person or a native incien of North America, that is. Inuit. North American Incian or Metis? (See Guide) |
| :---: | :---: | :---: | :---: | :---: |
| 18 <br> 19 $\square$ 0 | 20 Male <br> 21 $\square$ Female | $22 \square$Now married <br> (exchuding separated)${ }_{23} \square$ Separated${ }_{24} \square$ Divorced$25 \square$ Widowed$26 \square$Never married <br> (single) | English <br> 38 tralion German <br> ${ }_{11}$ Ukrainian <br> 32 $\square$ $\square$ <br> Other (specify) | 33 $\square$ No. I do not consider myserf Inuit, North American Indian or Metis |
| $18!$ $19 E 0$ | $\begin{gathered} 20 \square \text { Male } \\ 2: \square \text { Female } \end{gathered}$ | $2 \square \square$Now married <br> (excluding separated)$23 \square$ Separated$24 \square$ Divorced$25 \square$ Widowed$26 \square$Never married <br> (single) |  | $33 \square$ No. I do not consider mysell Inuit, North American Indian or Métis $34 \square$ Yes. Inuit $35 \square$ Yes, status or registered Indian $36 \square$ Yes, non-status Indian $3: \square$ Yes, Mêtis |
| 18 <br> 19 $\square$ D | 20 Male <br> 21 Female | 22 Now married (exeluting separated) <br> 23 Separated <br> 24 Oivorced <br> 25 Widowed <br> 26 [ Never married (single) |  | 33 No. I do not consider mysell Inuit, North American Indian or Metis <br> 3. Yes, Invit <br> 35 Yes, status or registered indian <br> 36 Yes. non-status indian <br> 37 Yes, Metis |
| 19 0 | 20 $\square$ Male <br> 21 $\square$ Femate | $22 \square \square$ $23 \square$ Separated (excluding separated) |  |  |
| 18 <br> 19 $\square$ 0 | 20 Male <br> 21 Female | $22 \square$Now married <br> (excluding separated)$23 \square$ Separated$24 \square$ Divorced$25 \square$ Widowed$26 \square$Never married <br> (single) |  | $33 \square$ No,I do not consider <br> myself Inuit, North <br> American Indian <br> or Métis$34 \square$Yes, Inult$35 \square$ Yes, status or$36 \square$ Yegistered Indian$37 \square$ Yes, Men-status Indian |
| 18 <br> 19 $\square$ D | 20 $\square$ Male <br> 21 $\square$ Female | $22 \square$Now married <br> (excluding separated)$23 \square$ Separated$24 \square$ Oivorced$25 \square$ Widowed$26 \square$Never married <br> (single) |  |  |

A dwelling is a separate set of living quarters with a private entrance from the outside or from a common hallway or stairway Inside the building. This entrance should not be through someone else's living quarters.
8. (o) Print the name of the person (or one of the persons) who twes here - and is responaible for paying the rent. or mortgage, or tinxes electricity, etc., for this dwelling.

8
01 的等
Bistic:
Lest name
Given name and inital

This person shat answer Ouestions 8 fbl to 13.
NOTE: If no one alding here makes any such payments, mark here $\square$ and atswer Ouestions 8 (D) to 13 yoursell.
(b) How many persons usually the here (according to the WHOM TO INCUDE item in the INSTRUCTIONS FOR OUESTION i)?

02 $\square$ Number of persons
(c) Did you laave aryone out of Question 1 because you were not sure whether he or she should be listed? For exampla, a student, a lodger who also has another homa a new baby still in hospital, tve-in holp or a member of this household who has become a patlent in a - hosphtal or nursing home within the pest stx months.Yes
No
$f$ "Yos", print the name of each person loft out and the reason.
$\square$
Name
$\square$
$\square$
Name

Reason


H you require more spaca please use the Comments section on the tast page of this questlonnaira.
(d) How many persons who heve a usual home elsewhere in Canada are staying or valaiting here temporarily (as of Census Day, June 3)?None OR
$\square$ Number of persons
2. Do you (or does erry other member of this household): Mark one dox only
03own this dwolling (even if it is stili being paid for)?
04rent this dwelling (even it no cash rent is paid)?

## CONTLNUE WITH OUESTION 10

OFFICE USE ONLY

05 ETrans
$\infty$ Win coll

07 (1R

08 ER

09 Ret.

10 Miss

11


12


JIC - $B$
10. To the best of your knowledge, when was the dweling or the building containing this awelling originally buitl (Mark the period in which the building was completed, not the time of eny later remodeling, edditions or conversions.)

## Mark one box only

ol $\square 1920$ or before
$0:$1821-1945

03$1846 \cdot 1960$$1981-1970$1971-1975

06$1976 \cdot 1980$

0;$1881 \cdot 1985$

081986
11. How many rooms are there in this dwelling? (Include kitchen, bedrooms, finished rooms in attic or basement, etc. Do not count bathrooms, halls, vestibules and rooms used solety for business purposes.)

09 $\square$ Number of rooms
(a) What is the main type of heating equipment for this dwelling? Mark one box only
$10 \square$Steam or hot water furnace or boikerForced hot air furnace with heat oumpForced hot air furnace whout heat pump and using one type of fuelfenergy only (e.g., natura gas, oid, or electricity)Forced hot air furnace without heat pump and using more than one type of fuellonergy for heating (e.g., oid and wood. or oil and electricity)

14 Installed electric heating system, e.g., built-in baseboardOther electric heating syatem (plug-in)Heating stove. cooking stove, space heaterOther, e.g., fireplace
(b) Which fuel or energy is used most for heating this dwelling?

Mark one box onlyPiped gas, e.9., natural gas
19Bottled gas, e.g., propane
20Electricity onlyElectricity as the main source where more than one fuet/energy is used. e.g., electricity and oilOil or kerosene
23Wood

24Coal or cokeOther fuel or energy

Anewer Ouestion 13 for only the dwelling that you now oceupy, oven H you own or rent more than one dwelling. If exact amount is not known. please enter your beat betimete.
NOTE: "f you are a fam operator fiving on the firm you operata. mert hereand go to the quastions concerning Persen 1 on page 6.
13. For thle dwatiling, what are the yeanly peyments (last 12 months) for: (a) electricity?

27 [ None, or included in rent or other peyments. OR

(b) ail, gas, coal, wood or other fuels?

29None, or included in rent or other peyments. OR

(c) water and other municipal services?
is None, or included in rent, municipal taxes of other payments. OR


RENTERS, answer patt (d); OWNEAS, go to part (0).
(d) What is the monthly cash rent you pay for this awelling?

33Rented without payment of cash rent OR
Dollars
 concerning Forson 1 on page 6

OWNERS, answar parta (o) through (1).
(o) What are your total regular monthly mortgage (or debt) payments for this dwelling?
35
 OR

(1) Are your property taxes (municipal and school) included in the amount shown in part (e)?
37Yes Go to part ( $h$ )

- 38No
(d) What are your astimated yearly property taxes (municipal and school) for this dwelling?
39


OR

(h) It you were to sell this dwelling now. for how much would you expect to sell it?

(I) is this dwelling part of a registered condominium?
$42 \square \mathrm{Yes}$
$43 \square \mathrm{No}$

Page 6

## NAME OF PERSON 1


Leat name
Given name and initial
14. Where were you bom? (Mark or specity one only, eecording to
present boundaries.)
00

| in CANADA | OUTERDE CANADA |
| :---: | :---: |
| $01 \square$ Nfid. | $13 \square$ United Kingoom |
| $02 \square$ P.E.I. | $14 \square$ maly |
| $03 \square$ N.S. | ${ }_{15} \square$ U.S.A. |
| $04 \square$ N.E. | $16 \square$ West Germany |
| os $\square$ Oue. | $17 \square$ East Germany |
| $0 \square$ Ont. | $18 \square$ Poland |
| $07 \square$ Man. |  |
| $08 \square$ Sask. |  |
| $09 \square$ Atra. | Other (specify |

18. Of what country are you a citizen?

- Mark more than one box, If applicable
20
20
$\div$
23Canada, by birthCanada, by naturalization
23 Other
If you are a citizen of Canada by birth, go to Question 17.

16. In what year did you first inmigrate to Canada?


Hexact year is not known, please enter best estimate.
17. To which ethnic or cultural group(s) do you or did your ancestors - belong? (See Guide)

Mark or specify as many as applicable

| 35 | French |
| :---: | :---: |
| 26 | English |
| $\because \square$ | Irish |
| $\pm \square$ | Scottish |
| $29 \square$ | German |
| 30 | ttalian |
| 31. | Ukrainian |
| $32 \square$ | Outch (Netheriands) |
| $33 \square$ | Chinese |
| $34 \square$ | Jewish |
| 35 | Polish |
| $36 \square$ | Black |
| 3; $\square$ | Inuil |
| $38 \square$ | North American Inclian |
| $39 \square$ | Metis |

Other ethnic or cultural group(s). For example, Portuguese, Greok, Indian (India), Pakistani, Filipino, Japanese, Vietnamese. (specify below)

18. What language do you youraiff apeak at home now?

- (If more than one tanguage, which language do you speak mast often? (See Guide)EnglishFrench
45Itatian
46Chinese 47 Gorman

48

18. Can you speak English or French weil enough to conduct a - conversation? (See Guide)

Mark one box only
49English only
50French ontyBoth English and French
52Neither Engtish nor French
20. (a) Are you limited in the kind or amount of activity that you can do because of a long-term physical condition, mental condition or health problem: (See Guide)

At home?No, I am not linited
54Yes, I am timited

At school or at work?No, I am not tmitedYes, 1 am fimitedNot applicable

In other activities, e.g., transportation to or from work, leisure time activities?No. I am not limited
54Yes, 1 am limited
(b) Do you have any long-term disabilities or handicaps?No
61Yes.

If you wers born on or after June 3. 1971, mark here $\square$ and do not answer Questions 21 to 32... END HERE FOR THIS PERSON

If you were born before June 3, 1971. mark here 二 and continue with Questions 21 to 32.
21. (s) What is the highest grade (or year) of secondary (high) or

- elementary school you ever attended? (See Guide)


Enter highest grade or year (1 to 13) of secondary or elementary schoot
OR
63Never attended school or attended kindergarten only
(b) How many years of education have you ever completed at university?

64None
65Less than 1 year (of completed courses)

* 6 $\qquad$ Enter number of completed years at university


## QUESTIONS FOR PERSON 1 - CONTINUED

21. (c) How many years of schooling have you over completed at an insitution other than a unversity, secondary (high) or elementary school? Include years of schooling at communily colleges, institutes of technotogy. CEGEPs (gineral and professional), private trade schools or private business colleges, diploma schools of nursing, etc. (See Guide)

01
$0: \square$Less than 1 year (of completed courses)

03 $\square$ Enter number of completed yoers
22. What degrees, certificates or diplomas have you ever obtained? (See Gulde)

Mark as many boxes as appicableNone
$\cdots$Secondary (high) school graduation certificate$\square$ Trades certificate or diploma
$0: \square$Other non-universly certificate or diploma (obtained at community college. CEGEP, institute of technology, etc.)

48University certificate or diploma below bachelor levelBachelor's degree(s) (e.g., B.A., B.Sc., B.A.Sc., LL.B.)
10University certificate or diploma above bachelor level
11Master's degree(s) (e.g., M.A., M.Sc., M.Ed.)
に Degree in medicine, dentistry, veterinary medicine o optometry (M.D., D.D.S., D.M.D., D.V.M., O.D.)
13Earned doctorate (e.g., Ph.D., D.Sc., D.Ed.)
23. What was the major field of study of your highest degree, certificate or diploma (excluding secondary or high school graduation certificates)? (See Guide)

(For example, accounting, chil engineering, history, legal secretary, welding.)

Nyou have no degree, certificate or detoma or have a secondary (high) school greduation certificate only, math below.
14- Go to Question 24

15

24. Where did you live 5 years ago, that is, on June 1. 19817 Mark one box only
NOTE: If your place of residence 5 years ago was a municipalty whin a large urban area, be carelul not to confuse suburban municipalities with the largest cily. For example, distinguish between Montreal-Nord and Montreal, Scarborough and Toronto, West Vancouver and Vancouver.

16This dwelling
$1:$Different dwelling in this city, town, village, township, municipality or Go to Question 25

18Indian reserve

Different city. town. village, township, other municipality or Indian reserve in Canads (specify below) $\longrightarrow$

City. town, village. township, other munieipatity or indian reserve


## County

Province or territory
20

25. (a) Lest woek, how many hours did you work (not ineluding housework, maintenance or repairs for your own home)? inetude at work:

- worting whout pay in a farnily fam or businast (e.g., assisting in seeding, doing accounts);
- working in your own business, fem or profossiona practice, tone or in partnership;
- wovking for wages, satary, tips or cornmitsion.

31


22Nons Continue with Questions 25 (b) to 32

- (b) Last weak, were you on temporary lay-off or absent from your job. or business?
Mark one box anty

2) $\square$ $\square \mathrm{NO}_{0}$
24Yes, on temporary lyy-off from a job to which I expect to retum 25Yes, on vacation, im, on strike or locked out, or absent for other reasons

- (c) Last week, did you have definite arrangements to start a new job within the next four weeks?
- 26Yes
- (d) Did you look for work during the past four weeks? For example. did you contact a Canada Employment Centre, check with employers, place or answer newspaper ads? Mark one box only
38No Go to Question 26
29Yes, tooked for fulthtime work
30Yes, looked for part-time work (iess than 30 hours per week)
- (o) Could you have started work last week had a job been available? Mark one Dox only
31Yes, could have started workNo, already had a job
33No, temporary linass or disability
34No. personal or tamily responsibilities
35No. going to school
36No. other reasons

26. When did you last work, even for a few days (not including housework, maintenance or repairs for your own home)?
Mark one box onty
$37 \square$ in 1986
38in 1985
Answer Questions 27 to 32
39Before 1985
40Never worked in lifetime
Go to Question 32
27. NOTE: Questions 27 to $\mathbf{3 0}$ refer to your job or business last week. II you held no job last week, answer for your job of longest duration since January 1. 1985. If you held more than one job last week, answer for the job at which you worked the most hours.
(a) For whom did you work?


Name of firm. government agency, otc.

(b) What kind of business, industry or service was this?
 maintenancs, retail shoe store, secondary school, temporary help agoncy, munie/pal police.

41

Page 6


## telephone assistance service

If after reading the Gulde you need further assistance, do not hesitate to call our Telephone Assistance Service. It is available from 9 a.m. to 9 p.m. from Thursday, May 29 through Friday, June 6 (excluding Sunday).

If you live within the local calling area of one of the places listed below, dial the number shown. in all other areas call the long-distance operator and ask for ZENTTH 0-1986 (no charge).

For TIDTTY (Telecommunication Devices for the Deaf/Teletype Machines only) - users call: 1-800-267-5301 (no charge).
ST. JOHN'S (NFLD.) ..... 772-2454
MALIFAX ..... 426-1986
MONCTON ..... $857-7986$
MONTREAL 283-1986
OTTAWA ..... 890-1495
TORONTO ..... 973-1988
WINNIPEC ..... $844-1986$
EDMONTON ..... 420-2150
VANCOUVER 668-6655


OFFICE USE ONLY


Please complete your questionnaire as soon as possible and keep it in a safe place until our representative picks it up on
$\xrightarrow[l]{\text { OAY DATE }}$

Statistics Canada has commenced planning for the next major Census of Population to be taken in June of 1991. The purpose of this questionnaire is to test some possible questions for the 1991 Census to ensure that they can be easily understood and correctly answered.

All the data collected will be combined to provide anonymous statistical totals which will be used to assess whether the questions have been understood. It is important therefore to answer each question as completely and accurately as possible.

The data that you provide will be kept strictly confidential and will only be seen by Statistics Canada employees who have sworn an Oath of Secrecy.

There is a space on page 15 of this questionnaire for any comments you may have. We welcome them.

While participation in this survey is voluntary, we hope that you will assist us in planning for a successful 1991 Census.

The information you provide will be stored as part of Personal Information Bank STC/P-PU-007. It will be retained for a minimum of five years. The information provided by you is kept strictly confidential and only you can obtain a copy of your information. Should you wish to do so, please quote the above number and address your request to the Pivacy Co-ordinator, Statistics Canada, Ottawa, Ontario K1A OT6.

## How to fill out your census form

Please mark $\boldsymbol{\text { ® or print all your answers clearly with a }}$ dark pencil or pen.

Begin on this page by listing all members of the household and then answer the questions on pages 2 through 5. Then, starting with page 6, fill in two pages for each person in your household, using the same order as you used in Question 1. For example, information for Person 2 will be entered on pages 6 and 7; information for Person 3 on pages 8 and 9 , and so on.

Make sure that answers are provided for everyone here. If there are more than five persons in this household, enter. the first five on this questionnaire and continue with the sixth person on a second questionnaire, starting in the row marked "Person 2".

## LIST OF MEMBERS OF THIS HOUSEHOLD

This household is made up of all persons who usufally live here, even if they are temporarily away (such as on business, at school, or on vacation) and any persons staying or visiting here who have no other usual home.

## WHOM TO INCLUDE

ens who usually live here but are now in an insititution (such as a hospital or correctional centre), if they have been there for less than six months;
unmarried sons or daughters who are postsecondary students, unless they are financially independent and living elsewhere;
unmarried persons who live here while working, even if they return to another home periodically.

## DO NOT INCLUDE

- persons who are now in an institution and have been there for the past six months or longer; unmarried sons or daughters who live elsewhere during the week while working, even if they return here on weekends;
foreign government representatives or members of the Armed Forces of another country and members of their families who are not citizens of Canada.

Please list below the name of each person who was living here on Sunday, November 1, 1987, or who was visiting or staying here and had no other home.

Person 1 should be the household member (or one of the members) in whose name the home is owned or rented.

| Person | Please print |
| :---: | :---: |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 |  |
| 11 |  |
| 12 | ----------- |
|  | this box if there are more than in this household. |

OFFICE USE ONLY
$\square$ Number of persons in nousehold

Page 2

\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \begin{tabular}{l}
1. NAME \\
Using the instructions given on page 1. print below the names of al persons usually lliving here as of Sundey. November 1, 1987.
\end{tabular} \& \begin{tabular}{l}
2. How is this person related to PERSON 17 \\
Mark (X) ONE bor for aach person \\
Some examples of "Other" are: grandmother, uncle, niace. lodger, roam-mate, employee. . otc.
\end{tabular} \& \begin{tabular}{l}
3. DATE OF BARTH \\
Print day. month and year
\end{tabular} \& 4. SEX \& \begin{tabular}{l}
B. MARITAL STATUS \\
(a) What is your current marital status? \\
Mask one box only
\end{tabular} \& 1 (b) \& Are you currently Aving with a common-law partner? \\
\hline \begin{tabular}{l}
Porson 1
\(\square\) \\
Last name
\(\square\) \\
Given name and initial
\end{tabular} \& 1 \(\triangle\) Person 1 \&  \& \begin{tabular}{l}
1 Male \\
2 Female
\end{tabular} \& \begin{tabular}{l}
Now marriad (exchuding eeparated)
Separated
Divorced \\
6 Widowed \\
7 Never married (single)
\end{tabular} \&  \& \[
\begin{aligned}
\& : \square \text { No } \\
\& : \square \text { Yes }
\end{aligned}
\] \\
\hline Person 20.0 \& 
Husband/wife

Commontaw partner
Son/daughter
Brother/sister

Father/mother
Other - Spiecify

\(\square\) \&  \& \begin{tabular}{l}
Male \\
2 Female
\end{tabular} \& \begin{tabular}{l}
Now married (excluding separated)

Separated <br>
5 Oivorced <br>
6 Widowed <br>
7 Never married (single)

\end{tabular} \&  \& \[

$$
\begin{aligned}
& 8 \square \text { No } \\
& 9 \square \text { Yes }
\end{aligned}
$$
\] <br>

\hline | Person 3 |
| :--- |
| Last nạme |
| Given name and initial | \& 

Son/daughter

Brother/sister

Father/mother

Other - Specify

$\square$ \&  \& | 1 Male |
| :--- |
| 2 Female | \& | Now married (excluding separated) |
| :--- |
| 4 Separated |
| 5 Divorced |
| 6 Widowed |
| 1 Never married (single) | \&  \& \[

$$
\begin{aligned}
& \therefore \square \text { No } \\
& 9 \square \text { Yes }
\end{aligned}
$$
\] <br>

\hline Porson 4. \& Son/daughter

Brother/sister

Father/mother

Other - Specify

$\square$ \&  \& | $1 \square$ Male |
| :--- |
| 2 Female | \& | Now married (excluding separated) Separated |
| :--- |
| 5 Divorced |
| 6 Widowed |
| 7 Never married (single) | \&  \& | - No |
| :--- |
| 9 Yes | <br>

\hline \begin{tabular}{|c|c|}
\hline 05 \\
\hline Person 5 \\
\hline Last name \\
\hline Given name and initial \\
\hline
\end{tabular} \& \begin{tabular}{l}
Son/daughter \\
2 Brother/sister

Father/mother

Other - Specify
$\square$

 \&  \& 

1 Male <br>
2 Female

 \& 

Now married (excluding separated) <br>
4 Separated <br>
5 Divorced <br>
6 Widowed <br>
7 Never married (single)

\end{tabular} \& L \& \[

$$
\begin{aligned}
& 8 \square \mathrm{No} \\
& 8 \square \mathrm{Yes}
\end{aligned}
$$
\] <br>

\hline
\end{tabular}

a. (a) How many persons usuatly five here (eccording to the WHOM TO INCLUDE them in ins INSTRUCTIONS ON PAGE 1)?

(b) Did you beave anyone out of Question 1 because you were not sure whether he or the should be isted? (For example, a student, a hooger who atso hes another home, a new beby stili in hospita, the-m help. or a member of this household who has become a pattert $h$ a hosplay or nursing home whthin the past sbx months.)


2No
f" "Yes", print the name of eech person left out and the reeson.


Name


Reason


Name


Reason

(c) How many persons who have a usual home elsewhere in Canada are staying or visiting here temporarily (as of November 1, 1987)?


None
OR


Number of persons
7. Does anyone in this household operate a farm, ranch or other agricultural holding? (Other holdings include, for example: feedfots; greenhouses; mushroom houses; and nursery. sod, fur, beekeeping, bery and mapte syrup operations.)

4 YesNo
please contuue with questions for person 1 on page 4.
PLEASE CONTNUE WITH OUESTIONS FOR PERSON 1 ON PAGE 4.

## NAME OF PERSON 1

$\square$
Lest mane
Given name end initial
If this person was bom on or after Nowomber 1, 1972, mark here $\square$ and do not answor Quostions 8 to 22 . . . END HERE FOR THIS PERSON.
If this person wha borm before Nowamber 1, 1972, mark here $\square$ and continuo with Oysestons 8 to 22.
8. For ALL WOMEN: How many children were ever bern to you? (Count aff childron inctuding those who may have dled since bith or who may now be living oksewhere. Do not inchote stlllbirths.)

9. (a) For ALL PERSONS who are now married or have ever been married: What was the date of your firt marriage?


If exact month and year are not known, please enter best estimate.
(b) Heve you been married more than once?
$2 \square$ No Go to Question 10
${ }^{\square} \square$ Yes, more than once
(c) How did your firsi marriage end?

10. Last week, how many hours did you spend:
(a) doing unpald volunteer work? (For example, work done for such organizations as heath agencies, youth agencies, minor sports associations, rollgious assockations.)

(b) doing unpaid work in the operation of a family farm or a family business? (For example, havesting or doing accounts.)

(c) providing unpaid child care (inchuding your own children as woll as others but excluding co-operative arrangements)?

(d) doing unpaid housework, yardwork, maintenance or repairs to your own home?

11. (a) Last week, how many hours of pald work did you do? include:

- working for wages, salary, tips or commission:
- working in your own business, farm or professional practice, aione or in partnership.

(b) Last week, were you permanently unable to work or permanently retired?Yes - Go to Question 12

No
(c) Lest moek, were you on temporery by-off or absent from your job or business?

## Mark ons box ontly

NoYes, on temporary tay-off from a job to which I expect to returnYes, on vacation. in, on strike or locked out, or absent for other reasons(d) Last week. did you have definite arrangements to start a new job within the next four weeks?NoYes
(o) Did you look for work during the past four weeks? (For example, did you contact a Canada Employment Centre, check with employers, place or answer newspaper ads.)

## Mark one box only

9No - Go to Ouestion 12Yes, looked for tulttime work
2Yes, looked for part-time work (less than 30 hours per week)
(f) Could you have started work last week had a job been available?

Mark one box onlyYes, could have started workNo, already had a job
$s \square$No, temporary iliness or cisabilityNo, personal or family responsibilitiesNo. going to schoolNo, other raesons
12. When did you last work, even for a few days?

Ineludo:

- working for wages, salary, tips or commission;
- unpaid work in the operation of a farnily farm or a family business;
- working in your own business, farm or professional practice atone or in partnership.


## Mark one box only <br> in 1987 <br> Continue with Ouestion 13 <br> 3 <br> Betore 1986 <br> Never worked in gretime <br> Go to Ouestion 19

Note: Questions 13 to 16 refer to your job or business last week. If you held no job last week, answer for your job of longest duration since January 1, 1986. If you held more than one job last week, answer for the job at which you worked the most hours.
13. (a) For whom did you work? (name of firm, govemment agency, etc.)
$\square$
(b) What kind of business, industry or service was this?
$\square$
14. (a) What kind of work were you doing?
$\square$
(b) In this work, what were your most important activities or duties?
$\square$

## OUESTIONS FOR PERSON 1

15. (a) in iths job were you mainly:working for wages. salary, tips or commission?
working without pay for your spouse or
Co to Question 16another relative in a family ferm or business?self-enployed without paid hetp (clone or in pertnerghip)?seff-employed with paid help (clone or in partnership)?
(1) It sell-employed, was your farm or business incorporated?

16. When did you start to work for your current or most recent employer? (If seff-employed, please refer to your current or most recent business.)

17. Since you stopped going to school full time, in how many years have you worked? (inchrde part-time and part-year work.)


Years (round to the nearest year)
18. (a) In how many weeks did you work in 1986 ?

Include those weeks in which you:

- were on vacation or sick leave with pay:
- worked full time or part time:
- worked for wages, salary, tips or commission;
- were self-employed or an unpaid worker in a family farm or business.
$1 \square$ None - Go to Question 18(c)
OR


Number of weeks
(b) During most of those weeks, did you work full time or part time?

Mark one box only
$2 \square$ Full time
3 $\square$ Patt time
(c) Of the weeks in which you did not work during 1986 (if any). in how many weeks did you look for work or were you on lay-off from a job?

- Only include those weeks for which you were available to work.
4.1 None

ORNumber of weeks
18. During the yaar ending December 31. 1986, did you recelve an incoms from any of the following sources?

- IV yes, please mark the "Yes" box and enter the amount.
- Vno. ploese mark the "No" box and proceed to the next source.

AMOUNT
(a) Family allowances
(b) Child tax eredite recelved from foderal government only
(c) Benefits from Unemployment Insurance (total benefits before tax deductions)

(d) Old Age Security pension and Cuaranteed Inceme Supplement from federal government only (provincial income supplement should be reported in ( l$)$ )
(o) Eenefits from Canada or Quabec Pension Plan
 Cuaber Pension Pian

(6) Social assistance and provincial income supplements (Plase specity, e.g., Social $\begin{array}{ll}\text { Ald benefts and Work income } & 2 \square \text { Yes } \square \\ \text { Supplement, GAINS.) } \square & \text { i } \square \text { No }\end{array} \square$ $\square$
(d) Other income from gowernment sources (Proase specify, e.g., veterans' penstons, workers' compensation, prowincial tax credits and allowances.) 7

20. Did you have any capital gains or losses in 1988? (Report only the taxable portion of capital gains or allowable capital fosses.)

21. Did you have any
income tax (federal and provincial) payable on 1986 income and capital gains?Yes:
$\square$ No
22. For persons who are currently working for a wage or salary: What is your normal hourly wage or selary before deductions for income tax. pension, unemployment and medical insurance, etc.?

If you cannot provide hourly wage rate. please give the precise gross wage or salary you usually receive and check the relevant period and also give the number of hours you normally work in a week.
(i) Wage or satary
(b) Period

(c) Normal weekly hours


Hours

Print here the name of the household member who filled in the form, and the date the form was completed.

| Name |
| :--- | :--- |
| Date |



When the form is completed please keep it in a safe place until the Census Representative returns to pick it up.
Householder's Comments
-ロ
Thank you for your co-operation.


## REASON FOR TEST

Stattstics Canada has begun planning for the next major Census of Poputation to be taken in June of 1991. The purpose of this questionnaire is to test some options for possible questions for the 1981 Census to ensure that they can be cesily understood and correctly answered.

All the data collected wis be combined to provide anonymous statistical totals which wid be used to assess whether the questions have been understood. It is inportant therefore to answer each question as completely and accurately es possible.

The data that you provide will be kept strictly confidentiad and will onty be seen by Statistics Canada employees who heve swom an Oath of Secrecy.

There are questions on the beck cover of this questionneire asking for your comments. We welcome them.

While participation in this survey is votuntary, we hope that you will assist us in planning for a successful 1991 Census.

## HOW TO FIL OUT YOUR CENSUS FORM

- Ploese mark 圂 or print all your answers clearty with a ctart pencill Or pen.
- Answer questions 1 to 5 for All members of the household. Then, starting with page 4. fill in 4 pages for each person in your household, using the seme order as you used in Quastion 1. For example, informetuon for Person 1 will be entered on pages it to 7 ; luftormalion for Person 2 on peges 8 to 11 . and so on.
- Pleses make sure that answers are provicied for overyone here.
- Please answer tho questions on the beck cover.


## BNSTRUCTIONS FOR QUESTION 1

## WHOM TO MCLUDE

- all persors who usually the here, even it they are temporently away (such as on business, at school, or on vacation) and any persons staying or viating here who haw no other usual home;
- persons who usually live here, but are now in an institution (such as a hospitai or correctional centre), it they have been there for loss than six months:
- unnemfed sona or daughters who are postsecondary studants, unless they are financially independent and Aving otsewhere:
- unmaried persons who bive here while working, even if they retum to another home periodically.


## DO ROT TNCLUDE

- persons who are now in an institution and have been there for the past six months or longer,
- unmarriod sons or daughters who live elsewhere during the week while working, even if they retum here on wookends:
- toreign govemment representatives or members of the Armed Forces of another country and members of their tamilies who are not citizens of Canada.
households with more than five persons
IH there are more than five persons in this household. enter the first five on this questionnaire and continue with the sixth person on a second questionnaire, starting in the row marked "Person 2".


## 1. NAME

Uaing the mstructions given on the left, primt below the names of all persons usually living here as of Sunday. Jenuary 17, 1988.
Person 1 should be the household member (or one of the members) in whose name the home is owned or rented.


PERSON 2

please enter the number of persons living in THIS HOUSEHOLD.



## MAME OF PERSON 1


6. What language or tanguages can you speak well enough to conduct a conversation? (Mark of print all languages $\boldsymbol{n}$ which you cen carry on a conversation. See Guidelines on beck cover.)EnglishFrench
3 $\qquad$ matian
4 $\square$ German

6 $\square$ Crinese

Other (Pint

7. What is your main lenguage, that is, the tanguage in which you are most at esce? (See Guddeltnes on back cover.)
$\square$ English
7 French
-Hatan
German

1 $\qquad$ Chinese

8. What is the language you first apoke at home in your childhood?
(ff more than one, which hanguage did you speak most oftent See Guidelines an back cover.)
2 $\square$ English

3French
4malian

5German
-Chinese

Oner
(Print) $\square$

8. Where were you born?
(Mark or print one only, according to present boundaries.)
7Canada
$\cdot$United Kingotom
-Italy

1U.S.A.

2West Germany

3East Germany

4Potand

Other
(Print)

10. Of what country are you a citizen?
(Mark more than one box, I applicable.)
5 Cenacta, by birth

6Cenada, by naturatization

9Same as country of birth (other than Canada)

8 Other

Page 4

13. What are the ethnic or culturad origins of your perents and grandparents? (Mark of print as many groups as apply.)
$4 \square$ Cenadian
5FrenchEnglish

7
 GemmanScottish

0trish
$1 \square$ $\square$ Italian
2Ukrainian
$3 \square$ Dutch (Nethertands)

4Chinese

5Jowish

6Polish
,Portuguase
$\square$South Asian (Pritt group, for example, motian from india, troian from Uganda, Paldstent, Punjabi, Tami.)
$\square$-

0Black (Print group, for oxample, Hattian, African, West Indian Elack, Canadlan Elack.)
$\square$

15Other ethnic or cuttural group(s). (Print group(s), for example, Japanese, Vietnamese, Mexican, Greek, Norwegian, Fitipine.)

$\square$
14. What is your ethric or cultural identity?
(Merk of pint as meny groupe es apply. See Cuideliose on beck covor.)

1
Conedtan
2French

3English

4 $\qquad$ Corman

6 $\qquad$ Seottah
-Itah

7 $\square$ melien
Urominion
Dutch (Motherlands)
$1 \square$Chinese

2 $\qquad$ Jewleh
$s$ $\square$ Polish

4Portuguese
$s \square$South Asian (Print group, for example, Indtan from mata, modien from Uganda, Pakistan, Punfab, Tumi.)

-Black (Print group, for example, Hettian, Africen, Wost indian Black, Canodian Block.)


7 Other ethnic or cultural group(s). (Print group(s), for example, Japanese, Vietnamese. Moxican, Greek, Norwegian, Filipino.)
$\square$

$\square$

15. Which of the following best describes your race or colour? (Please mark or print as many as apoly, regarcless of your country of birth.)
,Black

2KoreanFilipino

4Lapenese

8ChineseNative/Aboriginal Peoples of North America (North American Indien, Mettis, ImuitVEskimo)
, South Asian(for example, Indien from Incia, Indian from Uganda, Pakistani, Punjabi, Tamil)
$\therefore$South East Asian
(lor example, Vietnamese, Thai, Lootian)
9
West Asian or North African
(for example, Amenian, Syrian, Moroccan)
,

White
(for eremple. Britsh, French. European, Latin/South American of European background)
2Other raciel group not mentioned above. (Print group.)
$\square$

```
If luis person is under 15 years of age, that ta, bom on or atter Jlemuary 17.1973.
mark \square
\(\square\) and do not enswer Questions 18 and 17
``` \(\qquad\)
``` END MERE FOR TALS PERSON
With person is 16 yours of age or cuer, that ks. born betore danury 17, 1973. mark \(\square\) and continue with Question 16.
```

16. (a) When did you move to your present sddress?
(Mark one box only.)
3Aways ived here

4Moved on or before denuary 17, 1983

3Moved after Lanuary 17. 1983 (Print dete)


If exact date is not known, enter best estimate.
(b) Where did you last live before moving to your present address?

A your last address was in a suburban municipally within a targe urben area, distinguish berween that municipariy and the main clly, whitere applicable. For exemple. distinguish botween Montrbet-Nord and Montried, Scarborough and Toronto, West Vancowver and Vencowver.
(Mark one box anly.)
-Difierent address in this city, town, viliage. township. muricipelity or indian reserve

7Outside Canada (Print name of country according to present boundaries.)
$\square$498

B
Different city, town, vilage, township.
other municipality or Indian reserve in Canada (Pint below)

17. Where did you live 5 years ago, that is, on January 17, 1983 ?
 the main eity, where applicabte. For example, distinguish betwoen MontrbatNord and Montrial, Scarborough and Toronto, West Vencouver and vencouver.
(Mark one bor onty.)
-This addressDifferent address in this cty, town, vilage,
township. municipality or indian reserve

2Outside Cenada (Pitnt name of country eccording to present boundaries.)
$\square$

3
Different city, town, village, township,
other municipally or indian reserve in Canada (Print below)

18. Did you have difficutly answering any of the test questions?

20. Print here the name of the household member who filled this form.
$\square$
Would you be willing to take part in a discussion group on this test questionnaire?
(Some respondents will be contacted about participating in a discussion group on the test questions. The groups will be held in the earty evening. Our representative can provide further information at pick-up.)

## GUIDELINES

Question 6 - Report all languages in which you can conduct a conversation of some length on various topics. Do not report languages learned at school unless you can speak them.

- For a child who is not speaking yet, report the language or languages he/she is actually leaming.
- If you are mute, report the language or languages in which you understand people.

Question 7 - Report more than one language, only if you are equally at ease with them.

- For a child who is not speaking yet, report the language he/she is actually learning. Report more than one language only if they are spoken equally often to the child.

Question 8 - Report the language you yourself spoke at home before you were six years old. Feport more than one language only if you spoke them equally often.

- For a child who has not yet learned a language, report the language spoken in his/her home. Report more than one language only if they are spoken equally often to the child.
- Hyou are mute, report the language in which you understand people.

Question 11 - For parents born in Newfoundland prior to 1949, mark Canada as place of birth.
Question 14(c) - Any person who is status indian or non-status indian should answer this question.

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