



Statistics Canada Statistique Canada

CENSUS OF CANADA

1961 -- 1966

INFORMATION GUIDE

for

USER SUMMARY TAPES

Census 1971



This Information Guide outlines the structure of the Statistics
Canada 1961 and 1966 Census summary files.
The Guide is divided into two sections:

A non-technical description of the information contained in each file.

A detailed description of each file as required by a computer programmer.



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CENSUS FILE INFORMATION GUIDE

INTRODUCTION

The Information Guide outlines the nature and structure of the Dominion Bureau of Statistics 1961 and 1966 census summary files. A non-technical description of each file is incorporated in this guide. With the information stored on computer tapes a Utilization Guide is available to facilitate the extraction of the census information.

A census file is composed of summary records. Each record is a partial summary of the information gathered within a single enumeration area. Several partial summary records are often necessary to complete the statistical description of an enumeration area. For example, there is often a farm and non-farm record for each enumeration area.

The collective data of a group of summary records can be refined to the enumeration area level only. Further geographical or statistical dissection of census information is not possible with summary records. For example, one cannot determine the ethnic stratification of a certain section of an enumeration area, nor

can one determine how many English-speaking people in a particular enumeration area earn over ten thousand dollars. An analysis of this nature cannot be achieved using summary records based on an enumeration area level.

The Information Guide provides only the structure of the census summary files. Information required by computer programmers involved in extracting information from the computer tapes is provided in the Utilization Guide.

GENERAL FILE STRUCTURE

Census information is classified into various files or groups, such as: population, housing, family groups and so on.

Each file is composed of records. A record is divided into two main sections: identification and data. Data must be labelled or qualified in some fashion in order to facilitate accessing it. The data is labelled in the identification section of a record.

Each file identification label consists of a sequence of ten or eleven characters. Following each label is a brief description of the file.

The outline of a record is divided into two sections:

1. record identification sequence
2. record structure.

RECORD IDENTIFICATION

The record identification sequence outlines:

- a) geographic location:

The geographic location of the data is specified by the following parameters:

- i) province (PROV)
- ii) district (DIST)
- iii) enumeration area (E-A)
- iv) county (COUNTY)

- v) municipality (MUNI)
- vi) municipality subdivision code (MSUBDIV)
- vii) municipality sequence code (1966 census only) (MSEQCODE)
- viii) metropolitan area or urban area (METRO)
- ix) census tracts (CENTRT)

Each census file uses these parameters to qualify the data as to its geographic location. Note: parameters (vi) and (vii) are not specified for every file. Values are assigned to these parameters in each census year, with slight modifications from census to census. Official lists are available for each census. Maps pinpointing the locations of enumeration-areas, census tracts, etcetera, are also available from the Center for Settlement Studies.

b) location description:

The geographic location is subsequently described by the following parameters:

- i) municipality size (MUNSIZE)
- ii) rural-urban size (R-U SIZE)
- iii) metropolitan area-urban area parts (METRO PART)
- iv) residence (RES)

Each census file employs these parameters in order to describe the geographic location as specified by the parameters listed in (a). See OFFICIAL LISTS AND CODES - 1961 and 1966 Census of Canada - Basic Codes, for the structure of each of the location description

parameters.

c) special record classification:

Some files append to the record identification sequence, the sex parameter (SEX) which would obviously denote if the record pertains to male or female statistics. The file #602AAM-.Z54 has a marital status (MRS) parameter imbedded in its record identification sequence. The marital status parameter for this record is structured as follows:

- i) single
- ii) married
- iii) widowed
- iv) divorced

As a result of the location description parameters (b) and the two special record classification parameters (c), there is often more than one record for each enumeration area. Each such record is referred to as a partial summary record. For example, there is often a farm and non-farm partial summary record for each enumeration-area. It is possible to have more than two partial summary records for each E-A. For example there could be a male and female record for each farm and non-farm record and so on. The possible number of partial summary records for each E-A will be specified in the file documentation.

The description of the record identification sequence is coded. The record identification sequence parameters will be listed by their coded names in the order in which they appear on the file. Following each sequence will be the number of possible partial summary records.

For example:

PROV, DIST, E-A, COUNTY, MUNI, METRO,
CENSUS, MUN SIZE, R-U SIZE, METRO PART, RES:

There are two (2) partial summary records per enumeration area: a farm and a non-farm record.

The above example is easily interpreted by cross-referencing the coded parameter names. Note: the underlined parameters are location description parameters (b). Although not shown in this example special classification parameters will be marked with an asterisk.

RECORD STRUCTURE

The data section of a record of a file will be specified in full. References will be made to tables in the OFFICIAL LISTS AND CODES section. This section hereafter will be referred to as LISTS.

FILE STRUCTURE

FILE: POP110-M.G1 (male), POP110-M.GA (female)

This file contains basic enumeration-area summary records of the male population from the 1969 census.

IDENTIFICATION SEQUENCE:

SEX*, PROV, DIST, E-A, COUNTY, MUNI, METRO,
CENTRT, MUN SIZE, R-U SIZE, RES, METRO PART,
MSUBDIV;

There are two (2) partial summary records per enumeration-area: a farm and a non-farm record.

RECORD STRUCTURE:

1. Total count
2. Age count:
 - a set of twenty-one (21) categories
 - see FILE: POP110-M.G1 in LISTS
3. Marital Status:
 1. single (under 15 years of age)
 2. single (15 years and over)
 3. married
 4. widowed
4. Birthplace:
 - a set of forty-seven (47) categories
 - see LISTS
5. Birthplace subtotals:
 - other Commonwealth countries
 - Scandinavian
 - other European countries
 - Asia
 - Canada

- United Kingdom
 - Europe
 - Asiatic and other countries
 - see LISTS for subtotal enumeration.
6. Period of immigration:
- a set of eleven (11) categories
 - see LISTS
7. Citizenship:
- a set of twenty-six (26) categories
 - see LISTS
8. Citizenship subtotals:
- Scandinavian
 - other European
 - all other
 - European
 - Asiatic and other
 - see LISTS for subtotal enumerations
9. Origin:
- a set of forty-three (43) categories
 - see LISTS
10. Origin subtotals:
- British Isles
 - Scandinavian
 - other British Isles
 - other European
 - other Asian
 - Native people
 - American and other
 - other European and Balkan
 - Asiatic
 - American and Negro
 - see LISTS for subtotal enumerations
11. Religion:
- a set of thirty (30) categories
 - see LISTS
12. Religion subtotals:
- Far-Eastern
 - other Christian
 - Far-Eastern and other Christian
 - see LISTS for subtotal enumeration

13. Official Language:
 - English
 - French
 - Both
 - Neither
14. Mother Tongue:
 - a set of thirty (30) categories
 - see LISTS
15. Mother Tongue subtotals:
 - Scandinavian
 - European
 - all except English and French
 - see LISTS for subtotal enumeration
16. Education - no longer attending:
 - a set of ten (10) categories
 - see LISTS
17. Education - at present attending:
 - a set of nine (9) categories
 - see LISTS
18. War Service:
 1. yes
 2. no
 3. not stated
19. Forces served in:
 1. Canadian
 2. Allied
 3. Both
 4. Not stated
20. War served:
 1. World War I
 2. World War II
 3. Korean
 4. Other
 5. Not stated
21. Origin - Slovak

FILE STRUCTURE

FILE: FAM102-S.TJ

This file consists of a summary of pertinent information concerning all non-collective type households in Canada.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
MSUBDIV, MUN SIZE, R-U SIZE, METRO PART, RES;

There are two (2) partial summary records per enumeration-area: a farm and a non-farm record.

RECORD STRUCTURE:

1. Total persons in households
2. Total households
3. Number of households by type:
 1. Family household
 2. One family household
 3. - family of household head
 4. - without additional persons
 5. - with additional persons
 6. - family other than that of household head
 7. Two or more family household
 8. - including family of household head
 9. - with no family of household head
 10. Non-family household
 11. - one person only
 12. - two or more persons
4. Number of households by number of people:
 1. - 9. Households with 1-9 persons
 10. Households with 10 or more persons

5. Number of households by number of lodgers:
 1. households with no lodgers
 2. households with 1 lodger
 3. households with 2 lodgers
 4. households with 3 lodgers
 5. households with 4 lodgers
 6. households with 5 or more lodgers

6. Number of households by detailed type:
 - see FILE: FAM102-S.TJ in LISTS

FILE STRUCTURE

FILE: FAM101-S.T2

This file consists of a summary of pertinent information concerning all families in Canada.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
MUN SIZE, R-U SIZE, METRO PART, RES;

There is a farm and a non-farm summary record for each enumeration area.

RECORD STRUCTURE:

1. Total families
2. Total persons in families
3. Unmarried children in families:
 1. total
 2. under five (5) years
 3. under six (6) years
 4. 6-14 years
 5. 15-18 years
 6. 15-18 years (at school)
 7. 19-24 years
 8. 19-24 years (at school)
4. Total families with wage earner heads
5. Total earnings of wage earner family heads, in hundreds of dollars (\$100.)
6. Total family earnings of families with wage earner heads, in hundreds of dollars (\$100.)
7. Number of families by number of persons:
 1. two (2) persons in family
 2. three (3) persons in family

7. eight (8) persons in family
 8. nine (9) or more persons in family
8. Number of families with children up to 24 years old:
1. with no children
 2. with 1 child
 3. with 2 children
 4. with 3 children
 5. with 4 children
 6. with 5 children
 7. with 6-8 children
 8. 9 or more children
9. Number of families by type of family:
1. primary
 2. secondary
 3. related
 4. lodging
 5. other secondary
10. Number of families by age of head:
1. head of family under 25 years
 2. head of family 25-34 years
 3. head of family 35-44 years
 4. head of family 45-54 years
 5. head of family 55-64 years
 6. head of family 65-69 years
 7. head of family 70 years or over
11. Number of families by earnings of wage-earner* head:
- 1.-9. see Standard Earnings Structure
FILE: FAM101-S.T2 in LISTS
12. Number of families by earnings of families which have wage-earner heads:
- 1.-9. family earnings
- see Standard Earnings Structure
as above
13. Number of families in which one or more members other than the head were not wage-earners:
- 1.-9.- see Standard Earnings Structure
as above

14. Number of families - by official language of head:

1. Bilingual
2. French speaking
3. English speaking
4. other

* Note: A wage-earner is defined as a person who either held a job during census week or looked for work and who was designated as a wage or salary earner.

FILE STRUCTURE

FILE: FAM101-S.T4

This file consists of a summary of pertinent information concerning all family members in Canada.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
MUN SIZE, R-U SIZE, METRO PART, RES;

There is a farm and a non-farm summary record for each enumeration area.

RECORD STRUCTURE:

1. Unmarried Sons:

1. in primary families
2. in related families
3. in lodging families
4. in other secondary families

- the above structure will subsequently be referred to as the Standard Family Structure(S.F.S.)and can also be found in FILE: FAM101-S.T4 of LISTS

2. Unmarried Son by age:

- A. under 5 years
 1. primary families
 2. related families
 3. lodging families
 4. other secondary families
- B. under 6 years
- 5.-8. - Standard Family Structure (S.F.S.)
- C. 6 years: 9.-12. Standard Family Structure (S.F.S.)
- D. 7 -13 years: 13.-16. (S.F.S.)
- E. 14 years: 17.-20. - (S.F.S.)
- F. 14 years (at school): 21.-24. - (S.F.S.)
- G. 15 years: 25.-28. - (S.F.S.)

18

H. 15 years (at school): 29.32. - S.F.S.
I. 16-17 years: 33.-36. - S.F.S.
J. 16-17 years (at school): 37.-40.-S.F.S.
K. 18 years: 41.-44. - S.F.S.
L. 18 years (at school): 45.-48. - S.F.S.
M. 19-24 years: 49.-52. - S.F.S.
N. 19-24 years (at school): 53.-56. - S.F.S.
O. 25-34 years: 57.-60. - S.F.S.
P. 35-44 years: 61.-64. - S.F.S.
Q. 45-54 years: 65.-68. - S.F.S.
R. 55-64 years: 69.-72. - S.F.S.
S. 65 years and over: 73.-76. - S.F.S.

The categories prefixed by capital letters form the Secondary Age Structure which is also listed in FILE: FAM101-S.T4 of LISTS.

3. Unmarried Daughters:
 - 1.-4. - see Standard Family Structure
4. Unmarried Daughters by age:
 - 1.-76. Same structure as Unmarried Sons by age.
5. Families by age class of children:
 1. No children 24 years and under
 2. One or more children under 6 years but no children 6-14 years or 15-24 years
 3. One or more 6-14 years but no children under 6 years or 15-24 years
 4. One or more children 15-24 years, but no children under 6 years or 6-14 years
 5. One or more children in both age groups under 6 years and 6-14 years but no children 15-24 years
 6. One or more children in both age groups 6-14 years and 15-24 years but no children under 6 years
 7. One or more children in both age groups under 6 years and 15-24 years but no children 6-14 years
 8. One or more children in all age groups (under 6 years, 6-14 years and 15-24 years)

6. Families by marital status and sex of head:
 1. married total
 2. husband and wife at home
 3. husband only at home
 4. wife only at home
 5. widowed total
 6. widowed male
 7. widowed female
 8. divorced total
 9. divorced male
 10. divorced female
 11. never married total
 12. never married male
 13. never married female

7. Normal families by labour force status of family members
 1. total normal families
 2. number of families with both husband and wife in the labour force
 3. number of families with husband only in labour force
 4. number of families with wife only in labour force
 5. number of families with a child or children in labour force
 6. no family members in labour force

FILE STRUCTURE

FILE: HOU200-S.TA

This file consists of summary records of housing information.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
MSUBDIV, MUN SIZE, R-U SIZE, METRO PART, RES;

There may be two summary records for each rural enumeration area (for farm/non-farm dwellings); but there is only one record for each urban enumeration area.

RECORD STRUCTURE:

1. Total persons in households
2. Total dwellings
3. Type of dwelling
 1. single detached
 2. single attached (total)
 3. - double house
 4. - other
 5. apartments, flats (total)
 6. - duplex
 7. - other
 8. mobile
4. Tenure
 1. owned
 2. rented
5. Residential use
 1. residential only
 2. residential and business

6. Length of occupancy
 1. under 1 year
 2. 1 - 2 years
 3. 3 - 5 years
 4. 6 -10 years
 5. more than 10 years

7. Period of construction
 1. before 1920
 2. 1920-1945
 3. 1946-1959
 4. 1960
 5. 1961

8. Condition of dwelling
 1. good condition
 2. needs minor repairs
 3. needs major repairs

9. Heating equipment
 1. furnace (total)
 2. steam, hot water
 3. hot air
 4. stove
 5. other

10. Heating fuel
 1. coal
 2. coke
 3. wood
 4. liquid fuel
 5. bottled gas
 6. other gas
 7. electricity
 8. sawdust
 9. other

11. Refrigeration
 1. mechanical
 2. ice box
 3. other
 4. none

12. Home freezer
 1. with freezer
 2. without freezer

13. Television
 1. none
 2. one
 3. two or more
14. Automobile
 1. none
 2. one
 3. two or more
15. Sewage disposal
 1. sewer
 2. septic tank
 3. other
16. Toilet facilities
 1. inside flush toilet (total)
 2. shared use (total)
 3. exclusive use (total)
 4. one flush toilet only (total)
 5. shared use
 6. exclusive use
 7. two or more flush toilets (total)
 8. shared use
 9. exclusive use
 10. chemical toilet
 11. outside privy or none
17. Water supply
 1. hot and cold running water
 2. cold running water
 3. no piped running water
18. Source of water
 1. private on property
 2. other source
 3. residual (no piped water)
19. Bath facilities
 1. installed bathtub or shower (total)
 2. shared use
 3. exclusive use
 4. no installed bathtub or shower
 5. residual - no running water

- 20. Rooms in dwelling
 - 1. 1 room
 - . . .
 - 11. 11 rooms
 - 12. 12 or more rooms
- 21. Total rooms
- 22. Average rooms per dwelling
- 23. Persons per room
 - 1. 0.5 or less
 - 2. 0.6 - 1.0
 - 3. 1.1 - 1.5
 - 4. 1.6 - 2.0
 - 5. 2.1 - 2.5
 - 6. 2.6 or more
- 24. Average persons per room
- 25. Bedrooms in dwelling
 - 1. no bedrooms
 - 2. 1 bedroom
 - 3. 2 bedrooms
 - 4. 3 bedrooms
 - 5. 4 bedrooms
 - 6. 5 or more bedrooms
- 26. Total bedrooms
- 27. Average bedrooms per dwelling
- 28. Total owned, single, non-farm dwellings
- 29. Value of owned, single, non-farm dwellings
 - 1. under \$3,000
 - 2. 3,000 - 7,000
 - 3. 8,000 -12,000
 - 4. 13,000 -17,000
 - 5. 18,000 -22,000
 - 6. 23,000 -27,000
 - 7. 28,000 -32,000
 - 8. 33,000 -37,000
 - 9. 38,000 and over

30. Mortgage
 1. first mortgage only
 2. more than one mortgage
 3. no mortgage

31. Mortgage holder
 1. government
 2. bank
 3. private individual
 4. other
 5. residual (no mortgage)

32. Garage
 1. with a garage
 2. no garage

33. Equipment included in rent
 - A. refrigerator
 1. yes
 2. no
 - B. stove
 1. yes
 2. no
 - C. furniture
 1. yes
 2. no
 - D. garage
 1. yes
 2. no

34. Total non-farm tenants

35. Contract rent - tenant occupied, non-farm dwellings
 1. no cash rent
 2. under \$20
 3. \$20 - 29
 4. 30 - 39
 5. 40 - 49
 6. 50 - 59
 7. 60 - 69
 8. 70 - 79
 9. 80 - 89
 10. 90 - 99
 11. 100 -109
 12. 110 -119

- 13. 120 - 129
- 14. 130 - 149
- 15. 150 and over

- 36. Total contract rent

- 37. Average contract rent

- 38. Gross rent - tenant occupied, non-farm dwellings
 - 1. no cash rent
 - 2. under \$30
 - 3. \$30 - 39
 - 4. 40 - 49
 - 5. 50 - 59
 - 6. 60 - 69
 - 7. 70 - 79
 - 8. 80 - 89
 - 9. 90 - 99
 - 10. 100 -109
 - 11. 110 -119
 - 12. 120 -129
 - 13. 130 -149
 - 14. 150 -174
 - 15. 175 and over

- 39. Total gross rent

- 40. Average gross rent

9

FILE STRUCTURE

FILE: #6000AB-Z01

This file contains summary records for the total economically active population for week or year.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
MUN SIZE, R-U SIZE, METRO PART, RES, SEX*;

There are four summary records per enumeration area: a farm/non-farm and a male/female record for each enumeration area.

RECORD STRUCTURE:

1. Total: job last week and looked last week
2. Count - job last week
3. Count - looked last week
4. Count - never worked
5. Count - job last week

FILE STRUCTURE

FILE: #6000AB-.Z02

This file contains summary records for the experienced labor force.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
MUN SIZE, R-U SIZE, METRO PART, RES, SEX*;

There are four summary records per enumeration area: a farm/non-farm and a male/female record for each enumeration area.

RECORD STRUCTURE:

1. Count - all industries
2. Count by industry categories:
 1. - 30. - see Standard Industry Structure in FILE: #6000AB-.Z02 of LISTS.
3. Count - all occupations
4. Count by occupation categories*:
 1. 001-099
 2. 101-199
 3. 201-249
 4. 301-339
 5. 401-459
 6. 510-588
 7. 601-609
 8. 601
 9. 605 (0 in class of worker)
 10. 605 (1 in class of worker)
 11. Residue (601-609)

12. 611-615
 13. 631-633
 14. 651-659
 15. 701-919
 16. 921-970
 17. 980
5. Class of worker:
1. employer
 2. own account
 3. wage earner
 4. unpaid family worker
6. Marital status by age:
- A. single:
 1. age under 25 years
 2. 25 - 44 years
 3. 45 - 64 years
 4. 65 years and over
 - B. married:
 - 5.-8. same age structure as above
 - C. widowed/divorced:
 - 9.-12. same age structure as above

* For the significance of these numeric categories please see: B.R. Blishen, The Construction and Use of an Occupation Class Scale: Canadian Journal of Economics and Political Science, Volume Number 4, November 1958, page 523.

FILE STRUCTURE

FILE: #6000AB-.Z03

This file contains summary records for the experienced labor force (wage-earners only).

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
MUN SIZE, R-U SIZE, METRO PART, RES, SEX*;

There are four summary records per enumeration area: a farm/non-farm and a male/female record for each enumeration area.

RECORD STRUCTURE:

1. Count - all industries
2. Count by industry categories:
 - 1.-30. - see Standard Industry Structure in FILE: #6000AB-.Z02 of LISTS
3. Count of hours worked in a week
 1. 1 - 19
 2. 20 - 29
 3. 30 - 34
 4. 35 - 39
 5. 40
 6. 41 - 44
 7. 45 - 49
 8. 50 hours and over
 9. not stated
4. Count of number of hours worked by number of weeks
 - A. not stated
 1. 1 - 19 hours
 2. 20 - 34 hours
 3. 35 and over
 4. not stated

- B. 1 - 13 weeks
5.-8. see above "hours" structure
- C. 14 - 26 weeks
9.-12. see above "hours" structure
- D. 27 - 39 weeks
13.-16. see above "hours" structure
- E. 40 - 52 weeks
17.-20. see above "hours" structure
- F. 21. none

5. Count of Wages

- 1. up to \$1000.
- 2. \$1,000 - \$1,999
- 3. \$2,000 - \$2,999
- 4. \$3,000 - \$3,999
- 5. \$4,000 - \$5,999
- 6. \$6,000 - \$9,999
- 7. \$10,000 - and over
- 8. not stated
- 9. zero (0) weeks worked

6. Aggregate Wages

- 1. up to \$1,000
- 2. \$1,000 - \$1,999
- 3. \$2,000 - \$2,999
- 4. \$3,000 - \$3,999
- 5. \$4,000 - \$5,999
- 6. \$6,000 - \$9,999
- 7. \$10,000 and over

FILE STRUCTURE

FILE: #602AAM-.Z14

This file contains single years of age summary records at the enumeration area level.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
METRO PART, R-U SIZE, MUN SIZE, MSEQCODE,
MSUBDIV;

There is one record for each enumeration area.

RECORD STRUCTURE:

- A. Male, non-farm:
 - 1. Total for all ages
 - 2. Age counts for each age from under 1 year to 100 years and over:
 - 1. - 101.
- B. Male, farm:
 - 1. Total for all ages
 - 2. Age counts for each age from under 1 year to 100 years and over:
 - 1. - 101.
- C. Female, non-farm:
 - Same as for male, non-farm
- D. Female, farm:
 - Same as for male farm

FILE STRUCTURE

FILE: #602AAM-.Z54

This file contains five-year age groups summary records.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
METRO PART, R-U SIZE, MUN SIZE, RES, SEX*,
MRS*, MSEQCODE, MSUBDIV;

There are sixteen possible records per enumeration area: a farm/non-farm, male/female, and single/married/widowed/divorced record for each enumeration area. Records with a zero population in the marital status, sex, residence combination are dropped.

RECORD STRUCTURE:

1. Total population
2. Five year age groups
 1. 0 - 4
 2. 5 - 9
 3. 10 - 14
 4. 15 - 19
 5. 20 - 24
 6. 25 - 29
 7. 30 - 34
 8. 35 - 39
 9. 40 - 44
 10. 45 - 49
 11. 50 - 54
 12. 55 - 59
 13. 60 - 64
 14. 65 - 69
 15. 70 - 74
 16. 75 - 79
 17. 80 - 84
 18. 85 - 89
 19. 90 - 94
 20. 95 plus
 21. under 1
 22. 18 plus
 23. 21 plus
 24. 100 plus

FILE STRUCTURE

FILE: #605AAA-.PSA

This file consists of summary records combining all the pertinent family and household information required for basic tabulations.

IDENTIFICATION SEQUENCE:

PROV, DIST, E-A, COUNTY, MUNI, METRO, CENTRT,
METRO PART, R-U SIZE, MUN SIZE, RES, MSEQCODE,
MSUBDIV;

There is a farm and a non-farm record for each enumeration area.

RECORD STRUCTURE:

1. Number of families by number of persons in family:
 1. family of 2 persons
 2. family of 3 persons
 - . . .
 7. family of 8 persons
 8. family of 9 persons and over
2. Total number of persons in families (primary and secondary)
3. Total number of families
4. Number of families by number of unmarried children, ages 0 - 24.
 1. families with no children
 2. families with 1 child
 3. families with 2 children
 - . . .

9. families with 8 children
 10. families with 9 children and over
5. Total number of children
 6. Number of unmarried children 0 - 24 years old in families:
 1. number under 5 years old
 2. number under 6 years old
 3. number 6 - 14 years old
 4. number 15 - 18 years old
 5. number 19 - 24 years old
 7. Number of families by type:
 1. number of families maintaining own household (primary)
 2. number of families not maintaining own household (secondary related)
 3. number of families not maintaining own household (lodging)
 4. number of families not maintaining own household (other)
 8. Number of families by age of head (male):
 1. families whose head is under 20 years
 2. families whose head is between 20-24 years
 3. 25 - 34 years
 4. 35 - 44 years
 5. 45 - 54 years
 6. 55 - 64 years
 7. 65 - 69 years
 8. over 70 years
 9. Number of families by age of head (female):
 1. - 8. same as above structure
 10. Number of households by type:
 - A. family household
 - (1) one family household
 1. family of household head without additional persons
 2. family of household head with additional persons
 3. family other than that of household head

- (11) two or more family household
 - 4. including family of household head
 - 5. without family of household head

- B. non-family household
 - 6. one person only
 - 7. two or more persons

- 11. Number of households by number of persons:
 - 1. households with 1 person
 - 2. households with 2 persons
 - . . .
 - 9. households with 9 persons
 - 10. households with 10 persons and over
- 12. Total number of persons in households
- 13. Number of households by number of lodgers
 - 1. with no lodgers
 - 2. with 1 lodger
 - . . .
 - 6. with 5 or more lodgers
- 14. Total number of lodgers in households
- 15. Number of households by number of families:
 - 1. households with no families
 - 2. households with 1 family
 - 3. households with 2 families
 - 4. households with 3 families
 - 5. households with 4 or more families
- 16. Number of households by type of dwelling:
 - 1. number of households with are single detached
 - 2. attached/double
 - 3. attached/other
 - 4. apartment duplex
 - 5. other
 - 6. mobile
- 17. Number of households by tenure of occupant head:
 - 1. number of households whose head is owner
 - 2. head is tenant

18. Number of households by type of household:
- A. family household
 - (i) one family household
 - 1. both parents at home without additional persons
 - 2. both parents at home with additional related
 - 3. both parents at home with additional unrelated
 - 4. both parents at home with additional related and unrelated
 - 5. one parent at home without additional persons
 - 6. one parent at home with additional related
 - 7. one parent at home with additional unrelated
 - 8. one parent at home with additional related and unrelated
 - (ii) one family household with family other than that of head
 - 9. both parents of secondary related family, at home
 - 10. one parent of secondary related family, at home
 - 11. both parents of secondary unrelated family, at home
 - 12. one parent of secondary unrelated family at home.
 - B. two or more family household
 - (1) including family of household head
 - 13. families (sec.) which are related to head
 - 14. families (sec.) which are unrelated to head
 - 15. families (sec.) which are both related and unrelated to head
 - (11) with no family of household head
 - 16. number of sec. families related to a non-family head
 - 17. number of secondary families unrelated to a non-family head
 - 18. number of secondary families related and unrelated to a non-family head

- C. non-family household
 - 19. one person in household only two or more persons
 - 20. households where one or more persons are related to head but don't constitute a family
 - 21. households where one or more persons are unrelated to head
 - 22. households where one or more persons are related and unrelated to head
- 19. Number of households by number of family persons:
 - 1. households which contain no family persons
 - 2. households which contain 2 family persons
 - 3. with 3 persons
 - 4. with 4 persons
 - 5. with 5 persons
 - 6. with 6 persons
- 20. Total family persons
- 21. Number of family households by number of non-family persons:
 - 1. households with no non-family persons
 - 2. with 1 person
 - 3. with 2 persons
 - 4. with 3 persons
 - 5. with 4 or more persons
- 22. Total non-family persons in family households
- 23. Number of non-family households by number of persons:
 - 1. households with 2 persons
 - 2. with 2 persons
 - 3. with 3 persons
 - 4. with 4 or more persons
- 24. Total non-family persons in non-family households

OFFICIAL LISTS AND CODES

1961 - 1966 Census of Canada - Basic Codes

Province:

<u>Code</u>	<u>Province</u>
&	Yukon Territory
-	North West Territory
0	Newfoundland
1	Prince Edward Island
2	Nova Scotia
3	New Brunswick
4	Quebec
5	Ontario
6	Manitoba
7	Saskatchewan
8	Alberta
9	British Columbia

Marital Status (1966 census only):

<u>Marital Status</u>	<u>Code</u>
single	0
married	1
widowed	2
divorced	3

Metropolitan Area Part:

<u>Code</u>	<u>Description</u>
blank	not applicable
1	central city
2	urban fringe
3	urban fringe

Residence :

FILE: HOU200S.TA only (UNF)

<u>Residence</u>	<u>UNF Code</u>
farm	0
non-farm	A
urban	blank

Residence :

<u>Code</u>	<u>Residence</u>
0	farm
1	non-farm

Sex :

<u>Code</u>	<u>Sex</u>
0	male
1	female

Rural-Urban Size:

This code is used to classify the population into rural or into urban size groups at the county, province and Canadian level. In this context all components, rural or urban, of a metropolitan area or of a major urban area are coded to the rural-urban size which applies to the metropolitan area or major urban area as a whole and always have an urban code (numeric).

Size	Rural	Urban
Rural (any size)*	A	
<u>Urban</u>		
100,000 and over		1
30,000 - 99,999		2
25,000 - 29,999		3
10,000 - 24,999		4
5,000 - 9,999		5
2,500 - 4,999		6
1,000 - 2,499		7

Municipality Size:

Size	Rural	Urban
100,000 and over	A	1
30,000 - 99,999	B	2
25,000 - 29,999	C	3
10,000 - 24,999	D	4
5,000 - 9,999	E	5
2,500 - 4,999	F	6
1,000 - 2,499	G	7
less than 1,000	H	8

* Includes incorporated towns and villages of less than 1000 population and not part of a metropolitan or major urban area.

File Lists

FILE: POP110-M.G1(male), POP110-M.GA(female)

Age count categories:

1.	0 - 4		
2.	5 - 9	12.	55 - 59
3.	10 - 14	13.	60 - 64
4.	15 - 19	14.	65 - 69
5.	20 - 24	15.	70 - 74
6.	25 - 29	16.	75 - 79
7.	30 - 34	17.	80 - 84
8.	35 - 39	18.	85 - 89
9.	40 - 44	19.	90 - 94
10.	45 - 49	20.	95 and over
11.	50 - 54	21.	99 and over

Birthplace Categories:

Birthplace	Subtotals							
	1	2	3	4	5	6	7	8
1. Newfoundland					5			
2. Prince Edward Island					5			
3. Nova Scotia					5			
4. New Brunswick					5			
5. Quebec					5			
6. Ontario					5			
7. Manitoba					5			
8. Saskatchewan					5			
9. Alberta					5			
10. British Columbia					5			
11. Yukon, N.W.T.					5			
12. England						6		
13. Wales						6		
14. Northern Ireland						6		
15. Scotland						6		
16. Other U.K.						6		
17. Australia	1							
18. India Pakistan	1							
19. South Africa	1							
20. West Indies Fed.	1							
21. Other Common- wealth	1							

Birthplace	Subtotals							8
	1	2	3	4	5	6	7	
22. U.S.A.								
23. Austria			3				7	
24. Belguim			3				7	
25. Czechoslovakia			3				7	
26. Denmark		2					7	
27. Finland			3				7	
28. France			3				7	
29. Germany							7	
30. Greece			3				7	
31. Hungary			3				7	
32. Iceland		2					7	
33. Italy							7	
34. Netherlands			3				7	
35. Norway		2					7	
36. Poland							7	
37. Republic of Ireland			3				7	
38. Roumania			3				7	
39. Sweden		2					7	
40. Switzerland			3				7	
41. U.S.S.R.							7	
42. Yugoslavia			3				7	
43. Other European			3				7	
44. China				4				8
45. Japan				4				8
46. Other Asiatic				4				8
47. Other								8

Birthplace Subtotals:

1. other Commonwealth countries
2. Scandinavian
3. other European countries
4. Asia
5. Canada
6. United Kingdom
7. Europe
8. Asiatic and other countries

Citizenship Categories:

Citizenship	Subtotals				
	1	2	3	4	5
1. Canada					
2. U.K. and other Commonwealth					
3. United States of America					
4. Austria				4	
5. Belgium		2		4	
6. Czechoslovakia				4	
7. Denmark	1			4	
8. Finland				4	
9. France		2		4	
10. Germany				4	
11. Hungary		2		4	
12. Iceland	1			4	
13. Italy				4	
14. Netherlands				4	
15. Norway	1			4	
16. Poland				4	
17. Roumania		2		4	
18. Sweden	1			4	
19. U.S.S.R.				4	
20. Yugoslavia		2		4	
21. Other European		2		4	
22. China					5
23. Japan					5
24. Other Asiatic					5
25. Other			3		5
26. Stateless			3		5

Citizenship Subtotals:

1. Scandinavian
2. Other European
3. All other
4. European
5. Asiatic and other

Religion Categories:

Religion	Subtotals		
	1	2	3
1. Adventist			3
2. Anglican Church of Canada			
3. Baptist			
4. Brethren in Christ		2	3
5. Buddhist	1		3
6. Christian and Missionary Alliance		2	3
7. Christian Reformed			3
8. Christian Science			3
9. Church of Christ Disciples			3
10. Church of the Nazarene		2	3
11. Confucian	1		3
12. Doukhobor		2	3
13. Evangelical United Brethren			3
14. Free Methodist Church of Canada		2	3
15. Greek Orthodox			
16. Jehovah's Witnesses			3
17. Jewish			
18. Lutheran			
19. Mennonite			
20. Mormon			3
21. No religion		2	3
22. Pentecostal			
23. Plymouth Brethren		2	3
24. Presbyterian			
25. Roman Catholic			
26. Salvation Army			3
27. Ukrainian (Greek) Catholic			
28. Unitarian		2	3
29. United Church of Canada			
30. Other		2	3

Religion Subtotals:

1. Far Eastern
2. Other Christian
3. Far Eastern and other Christian

Origin	Subtotals									
	1	2	3	4	5	6	7	8	9	10
38. Eskimo						6				
39. Native Indian-Band						6				
40. Native Indian-non Band						6				
41. Negro										10
42. Other							7			10
43. Not stated							7			10

Origin Subtotals:

1. British Isles
2. Scandinavian
3. other British Isles
4. other European
5. other Asian
6. Native people
7. American and other
8. other European and Balkan*
9. Asiatic
10. American, Negro and other

* Included in this subtotal is the number of people of Slovakian origin; however this category is not listed here as the number of Slovaks was initially omitted in the record but later appended to the end of the record.

Mother Tongue Categories:

Mother Tongue	Subtotals		
	1	2	3
1. English			3
2. French			3
3. Chinese			3
4. Danish	1		3
5. Estonian		2	3
6. Finnish			3
7. Flemish		2	3
8. Gaelic			3
9. German			3
10. Greek		2	3
11. Icelandic	1		3
12. Indian or Eskimo			3
13. Italian			3
14. Japanese			3
15. Lettish		2	3
16. Lithuanian		2	3
17. Magyor			3
18. Netherlands			3
19. Norwegian	1		3
20. Polish			3
21. Roumanian		2	3
22. Russian			3
23. Serbo-Croatian		2	3
24. Slovak			3
25. Swedish	1		3
26. Syrian or Arabic		2	3
27. Ukrainian			3
28. Welsh		2	3
29. Yiddish			3
30. Other		2	3

Mother Tongue Subtotals:

1. Scandinavian
2. European
3. All except English and French

Period of Immigration:

1. Born in Canada

Period of Immigration

2. before 1921
3. 1921-1930
4. 1931-1940
5. 1941-1945
6. 1946-1950
7. 1950-1955
8. 1956-1957
9. 1958-1959
10. 1960
11. 1961

Education:

<u>Education Level</u>	<u>Not Attending</u>	<u>Currently Attending</u>
No schooling	1	
Pre grade 1	2	1
Elementary 1 - 4	3	2
Elementary 5 plus	4	3
High School 1 and 2	5	4
High School 3 and 4	6	5
High School 5	7	6
University 1 and 2	8	7
University 3 and 4	9	8
University degree	10	9

File Lists

FILE: FAM102-S.TJ

Number of households by detailed type:

1. Total family households
2. One - family household
3. Family of household head
4. Both parents at home
5. Without additional persons
6. With additional persons
7. Related to head
8. Not related to head
9. Both related and not related

10. One - parent only at home
11. Without additional persons
12. With additional persons
13. Related to head
14. Not related to head
15. Both related and not related

16. Family other than that of household head
17. Related to head
18. Both parents at home
19. One parent only at home

20. Not related to head
21. Both parents at home
22. One parent only at home

23. Two-or-more family household
24. Including family of household head
25. With related family(ies)
26. With not related family(ies)
27. With both related and not related families

28. With no family of household head
29. Related families only
30. Not related families only
31. Both related and not related families

32. Non-family household
33. One person only
34. Two-or-more persons
35. Related to head
36. Not related to head
37. Both related and not related

File Lists

FILE: FAM101-S.T2

Standard Earnings Structure:

1. earnings under \$2,000
2. earnings \$2,000 - \$2,999
3. earnings \$3,000 - \$3,999
4. earnings \$4,000 - \$4,999
5. earnings \$5,000 - \$5,999
6. earnings \$6,000 - \$6,999
7. earnings \$7,000 - \$9,999
8. earnings \$10,000 and over
9. earnings not stated

FILE: FAM101-S.T4

Standard Family Structure:

1. primary families
2. related families
3. lodging families
4. other secondary families

Secondary Age Structure:

- | | |
|----------------------------|----------------------------|
| A. under 5 years | K. 18 years |
| B. under 6 years | L. 18 years (at school) |
| C. 6 years | M. 19-24 years |
| D. 7-13 years | N. 19-24 years (at school) |
| E. 14 years | O. 25-34 years |
| F. 14 years (at school) | P. 35-44 years |
| G. 15 years | Q. 45-54 years |
| H. 15 years (at school) | R. 55-64 years |
| I. 16-17 years | S. 65 years and over |
| J. 16-17 years (at school) | |

File Lists

FILE: #6000AB-.Z02

Standard Industry Structure*:

1.	000-019	17.	543-548
2.	031-039	18.	572-579
3.	041-047	19.	602-699
4.	051-099	20.	602-629
5.	101-399	21.	631-699
6.	101-147	22.	702-737
7.	183-229	23.	801-899
8.	251-259	24.	801-809
9.	271-274	25.	821-828
10.	286-289	26.	871-879
11.	291-298	27.	875
12.	301-318	28.	Residue (801-899)
13.	Residue (101-399)	29.	902-991
14.	404-421	30.	999
15.	501-579		
16.	501-527		

* For significance of these numeric categories please see: B.R. Blishen, Canadian Society, Edited by B.R. Blishen (and others), Toronto, Macmillan of Canada, 1968, 877 pages.

File Lists

FILE: #605AAA-.PSA

Family Number and Relationship to Head of Household Codes

<u>Type of Family</u>	<u>Digits</u>		<u>Relationship</u>
	<u>1 and 2</u>	<u>3 and 4</u>	
Primary	01	00	Head
		01	Wife
		02	Son
		05	Daughter
		06	Grandson
		07	Grand-daughter
		18	Nephew
		19	Niece
		Secondary	02-98
03	Daughter-in-law		
06	Grandson		
07	Grand-daughter		
04	*Son-in-law		
05	Daughter		
06	Grandson		
07	Grand-daughter		
10	*Father		
11	Mother		
14	Brother		
17	Sister		
14	*Brother		
15	Sister-in-law		
18	Nephew		
19	Niece		
16	*Brother-in-law		
17	Sister		
18	Nephew		
19	Niece		
12	*Father-in-law		
13	Mother-in-law		
15	Sister-in-law		
16	Brother-in-law		
20	*Other Rel.-Husband (M)		
21	" " -Wife (F)		

<u>Type of Family</u>	<u>Digits</u> <u>1 and 2</u>	<u>Digits</u> <u>3 and 4</u>	<u>Relationship</u>
Secondary (cont.)	02-98		
		22	*Other Rel.-son
		23	" " -daughter
		50	*Lodger (M)
		51	Lodger's wife (F)
		52	" son
		53	" daughter
		60	*Employee
		61	Employee's wife
		62	" son
		63	" daughter
		70	*Partner
		71	Partner's wife
		72	" son
		73	" daughter
		80	*Inmate
		81	Inmate's wife
		82	" son
		83	" daughter
		90	800 Series
Non-family	00	00	Non-family head
	99	NN	other non-family coded as above

CENSUS FILE UTILIZATION GUIDE

1961 and 1966 Census Files

George Krucik

CENSUS FILE UTILIZATION GUIDE

Introduction

This guide provides the information required by computer programmers to access the 1961 and 1966 census information as outlined in the Census File Information Guide. The census information is stored on magnetic tape at the Computer Centre of the University of Manitoba.

The author assumes familiarity on the part of the reader with computer programming and information systems, as the following discussion includes terms such as files, segments, records, blocks, fields, etc. A complete description of each census file is presented from a programmers point of view. Moreover, it is expected that the reader has read the Census File Information Guide.

Census Files

Each census file is composed of summary records. Each record represents a partial or a complete summary of the information gathered within a single enumeration area. On some files several records are necessary in order to complete the specification of an enumeration area.

The records on the files are arranged in the following sequence:

1. by province:
 - a) Yukon
 - b) North West Territories
 - c) Newfoundland
 - d) Prince Edward Island
 - e) Nova Scotia
 - f) New Brunswick

- g) Quebec
- h) Ontario
- i) Manitoba
- j) Saskatchewan
- k) Alberta
- l) British Columbia

2. within each province:

The districts are arranged in ascending order.

3. within each district:

The enumeration areas are arranged in ascending order.

Each file is given a unique alphanumeric label: the file identification label. This label represents the data set name of this file, and will be used in all references to the file. For purposes of efficient data transfer, records on a file are blocked. The size of the record along with the block size and blocking factor are specified for each file.

Every record is composed of two sections: the record identification section and the data or field section. The specification of the contents of both sections is given in the FILE DOCUMENTATION section.

Finally, the information on a record is specified by one of three data types: alphanumeric numeric, and signed numeric. All values in the field or data section of a record are signed numeric. The record identification section is specified by both alphanumeric and unsigned numeric or simply numeric data types. The data types of each parameter in the record identification section is specified in the DATA TYPES section of this guide.

FILE DOCUMENTATION

File Documentation Format

File Identification: (FI)

The above consists of an alphanumeric sequence representing the data set name as it appears on a tape file. For example: FI: #6000AB-.Z01

Physical Record Format: (PRF)

The physical record format consists of a set of three numbers describing the characteristics of the physical record. The data set organization is physical sequential (PS) and the record format is fixed block (FB), for all census files. The logical record length (LRECL) and blocksize (BLKSIZE), in bytes, are listed along with the blocking factor. For example: PRF: 1150, 4, 4600 is to be interpreted as follows: The logical record length of a census record is 1150 bytes long. Four(4) logical records are grouped into a block 4600 bytes long.

File Description:

A brief description of the file, and the nature of the records is given for each file.

Record Description:

The record description is divided into two sections: the record identification sequence (RCD ID) and the field description.

Record Identification Sequence:

The record identification sequence (RCD ID) outlines:

1. the main identification parameters (ID).
2. the subkey parameters (SBK).

The length of the record identification sequence, in bytes is also given.

The main identification parameters (ID) for all census file records consist of:

1. sex (SEX),
2. province (PRV),
3. district (DIS),
4. enumeration-area (E-A),
5. country (CNT),
6. municipality (MUN),
7. metropolitan area or urban area (MET),
8. census tracts (CEN)

The length of the main identification sequence is either fifteen or sixteen bytes depending on the length of the MUN parameter for a particular census file. The codes used by the ID parameters can be found in the OFFICIAL LISTS AND CODES section. For example: the province (PRV) parameter has a value '6' when referring to the Province of Manitoba. The ID sequence will be annotated in FILE DOCUMENTATION as per the following example:

ID (16):

SEX, PRV(1), DIS(2), E-A(3)...

where the ID sequence is sixteen bytes long with the province parameter (PRV) being one byte, the enumeration-area code (E-A) occupying three bytes and so on.

NOTE: if a number enclosed in parentheses does not follow an ID parameter its length is assumed to be one byte.

The subkey parameters differ in number and order among the various census files. The subkey parameter list includes:

1. municipality size (MNS)
2. rural-urban size (RUS)
3. metropolitan area-urban area parts (MAP)
4. residence (farm/non-farm) (RES)
5. residence (urban/farm/non-farm) (UNF)
6. sex (SEX)
7. marital status (MRS)
8. municipality sequence code (MQC)
9. municipality subdivision code (MBD)
10. blank areas (BLK)

NOTE: The identification parameter, SEX, is used as a main ID parameter on some files and a subkey parameter (SBK) on others.

The SBK parameters are not specified in the above order on all files. Examine the documentation of each particular file for the correct sequence. The SBK parameter code values are defined in the section OFFICIAL LISTS AND CODES. An example of a SBK listing for a census file follows:

SBK(5):

MNS(1), RUS, MAP(1), RES, BLK

where the list of subkey parameters is five bytes long with the municipality size parameter (MNS) one byte in length, rural urban size (RUS) being one byte long and so on. NOTE: If a number enclosed in parentheses does not follow a SBK parameter its length is assumed to be one byte.

An example of the documentation of the complete record identification sequence (RCD ID) would be as follows:

RCD ID(25):

ID(16):

SEX, PRV, DIS(2), E-A(3), CNT(2), MUN(2),
MET(2), CEN(3);

SKB(9):

MNS, RUS, RES, MAP, MBD, BLK(4);

where the RCD ID is twenty-five bytes long with the ID and SBK parameter lists as previously described.

Field Description:

The field description section will be composed of four categories:

1. field number (FIELD(S)):

A field number is assigned to each field in record relative to the beginning of the record.

2. field position (POSITION)

The field position, in bytes, relative to the beginning of the record is specified.

3. field length (LENGTH)

The length in bytes of a field is given.

Where more than one field is referenced, the field length parameter will appear as follows:

(i) (5)4 where the value five enclosed in parentheses indicates five fields each with a length of four bytes.

or (ii) (19) (5) 4 where there are nineteen structures of five fields with each field being four bytes long.

If the replication factors (those numbers enclosed in parentheses) do not appear before the field length

value, (1) is implied.

4. field description (DESCRIPTION)

A brief account of the field contents is included. Note: all descriptions followed by an asterisk are augmented by information supplied in the Census File Information Guide. In most cases the field description merely states the name of a data structure which is expanded in the aforementioned publication.

File Documentation

FI: POP110-M.G1 (male), POP110-M.GA (female)

PRF: 1150,4,4600

The files contain basic enumeration-area summary records of the male and female population from the 1961 census.

RCD ID(25):

ID(16):

SEX, PRV, DIS(2), E-A(3), CNT(2), MUN(2), MET(2),
CEN(3);

SBK(9):

MNS, RUS, RES, MAP, MBD, BLK(4);

FIELD(S)	POSITION	LENGTH	DESCRIPTION
15	26-29	4	total count
16-36	30-113	(21)4	age counts*
37-41	114-133	(5)4	marital status*
42-88	134-321	(47)4	birthplace*
89-96	322-353	(8)4	birthplace-subtotals 1-8*
97-107	354-397	(11)4	period of immigration*
108-133	398-501	(26)4	citizenship*
134-138	502-521	(5)4	citizenship-subtotals 1-5*
139-181	522-693	(43)4	origin*
182-191	694-733	(10)4	origin-subtotals 1-10*
192-221	734-853	(30)4	religion*
222-224	854-865	(3)4	religion-subtotals 1-4*
225-228	866-881	(4)4	official language*
229-258	882-1001	(30)4	mother tongue*
259-261	1002-1013	(3)4	mother tongue-subtotals 1-3*
262-271	1014-1053	(10)4	education (not attending)*
272-280	1054-1089	(9)4	education (attending)*

FIELD(S)	POSITION	LENGTH	DESCRIPTION
281-283	1090-1101	(3)4	war service*
284-287	1102-1117	(4)4	forces served in*
288-292	1118-1137	(5)4	war served*
293	1138-1141	4	origin-slovak
294	1142-1149	8	blank
295	1150	1	end of record marker

File Documentation

FI: FAM102-S.TJ

PRF: 230,18,4140

This file consists of a summary of pertinent information concerning all non-collective type households in Canada. There is a farm and a non-farm summary record for each enumeration area.

RCD ID(25):

ID(15):

PRV, DIS(2), E-A(3), CNT(2), MUN(2), MET(2), CEN(3);

SBK(10):

MBD, MNS, RUS, MAP, RES, BLK(5);

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
14	26-29	4	total persons in households
15	30-32	3	total households
16-27	33-68	(12)3	number of households by type*
28-37	69-98	(10)3	number of household by number of people*
38-43	99-116	(6)3	number of households by number of lodgers*
44-80	117-227	(37)3	number of households by detailed type*
81	228-229	2	blanks
82	230	1	end of record marker

File Documentation

FI: FAM101-S.T2

PRF: 315,13,4095

This file consists of a summary of pertinent information concerning all family members in Canada. There is a farm and a non-farm summary record for each enumeration area.

RCD ID(20):

ID(15):

PRV, DIS(2), E-A(3), CNT(2), MUN(2), MET(2), CEN(3);

SBK(5):

MNS, RUS, MAP, RES, BLK;

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
13	21-24	4	total families
14	25-28	4	total persons in families
15-22	29-60	(8)4	unmarried children in families*
23	61-64	4	total families with wage-earner heads
24	65-71	7	total earnings of wage-earner family heads (in \$100's)
25	72-78	7	total family earning of families with wage earner head (in \$100's)
26-33	79-110	(8)4	number of families by number of persons*
34-41	111-142	(8)4	number of families: with children up to 24 years*
42-46	143-162	(5)4	number of families by type of family*
47-53	163-190	(7)4	number of families by age of head*
54-62	191-226	(9)4	number of families by earning of wage-earner head*

FIELD(S)	POSITION	LENGTH	DESCRIPTION
63-71	227-262	(9)4	number of families by earnings of families which have wage-earner heads*
72-80	263-298	(9)4	number of families in which one or more members other than the head were <u>not</u> wage-earners*
81-84	299-314	(4)4	number of families by official language of head*
85	315	1	end of record marker

File Documentation

FI: FAM101-S.T4

PRF: 770,5,3850

This file consists of a summary of pertinent information concerning all family members in Canada. There is a farm and a non-farm summary record for each enumeration area.

RCD ID(20):

ID(15):

PRV, DIS(2), E-A(3), CNT(2), MUN(2), MET(2), CEN(3);

SBK(5):

MNS, RUS, MAP, RES, BLK;

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
13-16	21-36	(4)4	unmarried sons*
17-92	37-340	(19)(4)4	unmarried sons by age*
93-96	341-356	(4)4	unmarried daughters*
97-172	357-660	(19)(4)4	unmarried daughters by age*
173-180	661-692	(8)4	families by age class of children*
181-193	693-744	(13)4	families by marital status and sex of head*
194-199	745-768	(6)4	normal families by labor force status of family members*
200	769	1	blank
201	770	1	end of record marker

File Documentation

FI: HOU200-S.TA

PRF: 705,6,4230

This file consists of summary records of housing information. There may be two summary records for each rural enumeration-area (farm/non-farm dwellings); but there is only one record for each urban enumeration-area.

RCD ID(20):

ID(15):

PRV, DIS(2), E-A(3), CNT(2), MUN(2), MET(2), CEN(3);

SBK(5):

MBD, MNS, RUS, MAP, UNF;

FIELD(S)	POSITION	LENGTH	DESCRIPTION
13	21-24	4	total persons in household
14	25-28	4	total dwellings
15-22	29-60	(8)4	type of dwelling*
23-24	61-68	(2)4	tenure*
25-26	69-76	(2)4	residential use*
27-31	77-96	(5)4	length of occupancy*
32-36	97-116	(5)4	period of construction*
37-39	117-128	(3)4	condition of dwelling*
40-44	129-148	(5)4	heating equipment*
45-53	149-184	(9)4	heating fuel*
54-57	185-200	(4)4	refridgeration*
58-59	201-208	(2)4	home freezer*
60-62	209-220	(3)4	television*
63-65	221-232	(3)4	automobile*
66-68	233-244	(3)4	sewage disposal*
69-79	245-288	(11)4	toilet facilities*
80-82	289-300	(3)4	water supply*

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
83-85	301-312	(3) 4	source of water*
86-90	313-332	(5) 4	bath facilities*
91-102	333-380	(12) 4	rooms in dwelling*
103	381-384	4	total rooms
104	385-388	4	average rooms per dwelling
105-110	389-412	(6) 4	persons per room*
111	413-416	4	average persons per room
112-117	417-440	(6) 4	bedrooms in dwelling*
118	441-444	4	total bedrooms
119	445-448	4	average bedrooms per dwelling
120	449-452	4	total owned, single non-farm dwellings
121-129	453-488	(9) 4	value of owned, single non-farm dwellings*
130-132	489-500	(3) 4	mortgage*
133-137	501-520	(5) 4	mortgage holder*
138-139	521-528	(2) 4	garage*
140-147	529-560	(4) (2) 4	equipment included in rent*
148	561-564	4	total non-farm tenants
149-163	565-624	(15) 4	contract rent-tenant occupied, non-farm dwellings*
164	625-630	6	total contract rent
165	631-633	3	average contract rent
166-180	634-693	(15) 4	gross rent-tenant occupied, non-farm dwellings*
181	694-699	6	total gross rent
182	700-702	3	average gross rent
183	703-704	2	blanks
184	705	1	end of record marker

File Documentation

FI: #6000AB-.Z01

PRF: 45,90,4050

This file contains summary records for the total economically active population for week or year. There are four summary records per enumeration area: a farm/non-farm, and a male/female record for each enumeration-area.

RCD ID(24):

ID(16):

PRV, DIS(2), E-A(3), CNT(2), MUN(3), MET(2), CEN(3);

SBK(8):

MNS, RUS, MAP, RES, SEX, BLK(3);

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
14	25-28	4	job last week and looked last week total
15	29-32	4	job last week
16	33-36	4	looked last week
17	37-40	4	never worked
18	41-44	4	job last year
19	45	1	end of record marker

File Documentation

FI: #6000AB-.Z02

PRF: 285,15,4275

This file contains summary records for the experienced labor force. There are four summary records per enumeration-area: a farm/non-farm and a male/female record for each enumeration-area.

RCD ID(24):

ID(16):

PRV, DIS(2), E-A(3), CNT(2), MUN(3), MET(2), CEN(3);

SBK(8):

MNS, RUS, MAP, RES, SEX, BLK(3);

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
14	25-28	4	total count of all industries*
15-44	29-148	(30)4	count-industries*
45	149-152	4	total count of all occupations*
46-62	153-220	(17)4	count-occupations*
63-66	221-236	(4)4	class of worker*
67	237-284	(3)(4)4	marital status by age*
79	285	1	end of record marker

File Documentation

FI: #6000AB-.203

PRF: 370,12,4440

This file contains summary records for the experienced labor force (wage-earners only). There are four summary records per enumeration-area: a farm/non-farm and a male/female record for each enumeration-area.

RCD ID(26):

ID(16):

PRV, DIS(2), E-A(3), CNT(2), MUN(3), MET(2), CEN(3);

SBK(8):

MNS, RUS, MAP, RES, SEX, BLK(5);

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
14	27-30	4	total count-all industries*
15-44	31-150	(30)4	count-industries*
45-53	151-186	(9)4	count-hours worked*
54-74	187-270	(21)4	week and hours worked*
75-83	271-306	(9)4	wage categories*
84-90	307-369	(7)9	aggregate wages*
91	370	1	end of record marker

File Documentation

FI: #602AAM-.Z14

PRF: 1660,3,4980

This file contains single years of age summary records at the enumeration-area level. There is one record for each enumeration-area.

RCD ID(22):

ID(16):

PRV, DIS(2), E-A(3), CNT(2), MUN(3), MET(2), CEN(3);

SBK(6):

MAP, RUS, MNS, MQC, MBD, BLK;

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
14	23-26	4	male/non-farm all ages total
15	27-430	(101)4	age category counts for above group*
16	431-434	4	male/farm all ages total
17	435-838	(101)4	age category counts for above group*
18	839-842	4	female/non-farm all ages total
19	843-1246	(101)4	age category counts for above group*
20	1247-1250	4	female/farm all ages total
21	1251-1654	(101)4	age category counts for above group*
22	1655-1659	5	blanks
23	1660	1	end of record marker

File Documentation

FI: #602AAM-.Z54

PRF: 145,30,4350

This file contains five-year age groups summary records. There are sixteen possible records per enumeration-area: a farm/non-farm, male/female, and a single/married/widowed/divorced record for each enumeration-area. Records with a zero population in the marital status, sex, residence combination are dropped.

RCD ID(25):

ID(16):

PRV, DIS(2), E-A(3), CNT(2), MUN(3), MET(2), CEN(3);

SBK(9):

MAP, RUS, MNS, RES, SEX, MRS, MQC, MBD, BLK;

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
17	26-29	4	total population
18-41	30-125	(24)4	five year age groups*
42	126-144	19	blanks
43	145	1	end of record marker

File Documentation

FI: #605AAA-.PSA

PRF: 600,8,4800

This file consists of summary records combining all the pertinent family and household information required for basic tabulations. There is a farm and a non-farm record for each enumeration-area.

RCD ID(29):

ID(16):

PRV, DIS(2), E-A(3), CNT(2), MUN(3), MET(2), CEN(3);

SBK(13):

MAP, RUS, MNS, BLK, RES, MQC, MBD, BLK(6);

<u>FIELD(S)</u>	<u>POSITION</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>
16-23	30-61	(8)4	number of families by number of persons in family*
24	62-65	4	total number of persons in families (primary & secondary)
25	66-69	4	total number of families
26-35	70-109	(10)4	number of families by number of unmarried children, ages 0-24*
36	110-113	4	total number of children
37-41	114-133	(5)4	number of unmarried children 0-24 in year in families*
42-45	134-149	(4)4	number of families by type*
46-53	150-181	(8)4	number of families by age of head (male)*
54-61	182-213	(8)4	number of families by age of head (female)*
62-68	214-241	(7)4	number of households by type*
69-78	242-281	(10)4	number of households by number of persons*
79	282-285	4	total number of persons in households

FIELD(S)	POSITION	LENGTH	DESCRIPTION
80-85	286-309	(6) 4	number of households by number of lodgers*
86	310-313	4	total number of lodgers in household
87-91	314-333	(5) 4	number of households by number of families*
92-97	334-357	(6) 4	number of households by type of dwelling*
98-99	358-365	(2) 4	number of households by tenure of occupant head*
100-121	366-453	(22) 4	number of households by type of household*
122-127	454-477	(6) 4	number of households by number of family persons*
128	478-481	4	total family persons
129-133	482-501	(5) 4	number of family households by number of non-family persons*
134	502-505	4	total non-family persons in family households
135-138	506-521	(4) 4	number of non-family households by number of persons*
139	522-525	4	total non-family persons in non-family households
140	526-599	74	blank
141	600	1	end of record marker

DATA TYPES

Essentially, the census information as stored on magnetic tape is of the character type. Numeric values are represented as numeric character data, both signed and unsigned. The data or field sections of a record are signed numeric characters, while numeric values in the record identification section are unsigned numeric characters. Non-numeric values of the record identification section are represented by alphanumeric characters.

With reference to the PL/1 language: "a numeric character data item (also known as a numeric field data item) is the value of a variable that has been declared with the PICTURE attribute and a numeric picture specification"¹. The character-string nature of the census file information facilitates use of "RECORD I/O" resulting in decreased costs and increased efficiency.

Specification of numeric character data is accomplished by using a '9' PICTURE character for each numeric digit in a field.

Alphanumeric characters may be accessed using either 'A' picture specifications or a CHARACTER variable.

In resume, the parameters in the record identification section are composed of both numeric and alphanumeric characters, while the data section is composed only of signed numeric characters. In some cases the data type of the record identification parameters are different for

¹International Business Machines, PL/1(F) Language Reference Manual, page 30, (FILE NO. S360-29/GC28-8201-2).

1961 and 1966 files. The following table specifies the data type of each parameter, with A representing an alphanumeric data type, N representing numeric data and S of course representing signed numeric data:

ID	PARAMETERS	DATA TYPE	
		1961	1966
	SEX	N	-
	PROV	A	A
	DIS	N	N
	E-A	N	N
	CNT	N	N
	MUN	N	A
	MET	N	A
	CEN	N	A

SBK	PARAMETERS	DATA TYPE	
		1961	1966
	MNS	A	A
	RUS	A	A
	MAP	A	A
	RES	N	N
	UNF	A	-
	SEX	N	N
	MRS	-	N
	MQC	-	A
	MBD	A	A