FILE SDD81B2C

**ZONED / NON - CONDENSEE**

# TABLE OF CONTENTS

## INTRODUCTION

## DOCUMENTATION FOR CENSUS DATA ON MAGNETIC TAPE

This documentation is divided into two parts.

Part 1 is available for any tape file produced from the census micro-data base using the STATPAK retrieval system.

Part 2 is available only with census User Summary Tape files and special requests on tape produced by the Customer Services Section.

### Part 1

#### Introduction

In the following documentation each tabulation is referred to as a data matrix. Each characteristic or variable such as age, sex, etc., is referred to as a dimension or subscript. Each dimension is associated with multiple entries; for example, the dimension sex could be associated with entries male, female, total.

Part 1 consists of four sections

#### Section 1 shows:

- that each data matrix has a title associated with a matrix name. The latter is a mnemonic code up to eight characters long. The documentation usually refers to a tabulation by its mnemonic code;

- the total number of data cells in a matrix;

- the largest absolute value of any cell in the matrix which may be used for data validation and programming purposes.

#### Please Note:

The cells contain either integer or decimal digits with decimal point which is implied.

If overflows are encountered, the overflow messages appear in the first section and when the program interrupts, the other sections may be either partially or not at all printed.

#### Section 2 shows:

- the general file information enabling computer usage of the file.

Where necessary a matrix may be written out on more than one logical record. In that case, the dimension(s) (variable(s)) on which the matrix is split is (are) identified as well as the order in which the matrix is actually written out on magnetic tape.

Section 3 contains:

- a PL/1 declaration statement - this statement should be of special interest to users who wish to understand how a multi-dimension matrix (e.g., age by sex by marital status is a three dimensional matrix) is laid out as a linear sequential record on magnetic tape.

Each logical record starts with a 52-character geographic identification (see Section B). In the case of a matrix that is split and thus written over multiple records on tape, it is followed by sub-matrix identification(s), matrix name and matrix size. Then come the entries for each dimension (subscript) of the matrix.

Section 4 contains:

- a detailed record layout of the file;

- the identification part which is the same as on the PL/1 declaration statement (see Section 3);

- the content of each cell or field associated with the matrix name to which it belongs, the format, the first and last positions of each field in the record, the number of bytes (1 byte = 8 bits = 1 or 2 digits or 1 character depending on the format), the precision or number of digits stored and the scale where applicable, which gives the number of decimal places. (Note: The decimal point is implied - not written on tape.)

## Part 2

Section A contains:

- the table titles;

- the legends (entries or class intervals associated with each variable, e.g., sex (3): male, female, total).

Note:    This section is available only with the census User Summary Tape documentation.

Section B contains:

- the file sequence and the complete definitions of the geographic area codes which exist on the file.

Section C contains:

- the geographic organization of the User Summary Tape files and microfiche for each series produced for the 1981 Census.

Section D contains:

- a brief description of the statistical and confidentiality methodology used during the process of retrieval of data from the census micro-data base;

- a list of reference manuals which provide more detailed information on some of the topics briefly described in this documentation.

  . For further information, please contact:

  CANSIM DIVISION
  Statistics Canada
  Ottawa, K1A 0Z8
  Tel.: (613) 995-0097
             995-7406

Special Note: Positive or negative sign

If the character mode is packed, the last four (4) bits of the last byte of a data cell contain the sign.

If the character mode is numeric (external), the complete first byte of a data cell contains the sign.

Section E contains:

- information on any peculiarities related to geography or variables that are essential to the interpretation of data.

Attached is an example of the place of residence,
location A, Cumberland, paired with various places
of work, location Bs, including Halifax.  Each A-B
pair appears again, but with A and B reversed.  The
second page shows the reversed pair (The place of
residence, location A, is Halifax;  Cumberland is
one of the places of work, location B).  This corres-
ponds to the record containing the detailed informa-
tion for Halifax.


Sur la première page est un exemple du lieu de résidence,
point A, Cumberland, apparié à differents lieux de travail,
points B, incluant Halifax.  Chaque couple A-B apparaît de
nouveau, mais avec A et B inversés.  La seconde page montre les
couples inversés (Le lieu de résidence, point A, est Halifax;
Cumberland est à présent un lieu de travail, point B).  Ceçi
correspond a l'enregistrement contenant l'information détaillée
pour Halifax.

SDD81B21. EMPLOYED LABOUR FORCE BY PLACE OF WORK(10) AND SEX(3) FOR EACH CSD OF RESIDENCE(LOCATION A)
    BY EACH CSD OF WORK(LOCATION B). 1981
SDD81B21. POPULATION ACTIVE OCCUPEE SELON LE LIEU DE TRAVAIL(10) ET LE SEXE(3), SDR DE RESIDENCE (POINT A: SELON
    LE SDR DE TRAVAIL (POINT B). 1981

| LOCATION A - POINT A | | TOTAL EMPLOYED LABOUR FORCE LIVING AT LOCATION A (1) - POPULATION ACTIVE OCCUPEE TOTALE HABITANT AU POINT A (1) | LIVING AT LOCATION A AND WORKING AT HOME - HABITANT AU POINT A ET TRAVAILLANT A DOMICILE | LIVING AT LOCATION A AND WORKING OUTSIDE CANADA - HABITANT AU POINT A ET TRAVAILLANT EN DEHORS DU CANADA | LIVING AT LOCATION A WITH NO USUAL PLACE OF WORK AT LOCATION A - HABITANT AU POINT A ET N'AYANT PAS DE LIEU DE TRAVAIL HABITUEL AU POINT A | LIVING AT LOCATION A AND WORKING AT LOCATION A (2) - HABITANT AU POINT A ET TRAVAILLANT AU POINT A (2) | LIVING AT LOCATION A AND WORKING LOCATION ... OUTSIDE LOCATION ... | WORKING AT LOCATION A AND LIVING OUTSIDE LOCATION A - TRAVAILLANT AU POINT A ET HABITANT A L'EXTERIEUR DU POINT A | TOTAL EMPLOYED LABOUR FORCE WORKING AT LOCATION A (4) - POPULATION ACTIVE OCCUPEE TOTALE TRAVAILLANT AU POINT A (4) |
|---|---|---|---|---|---|---|---|---|---|
| CUMBERLAND. SUBD. D,SCM SP12CD11CSD014 | T. | 1,555 | 180 | 5 | 35 | 955 | | 390 | 1,555 |
| | M. | 950 | 135 | 5 | 30 | 510 | | 300 | 975 |
| | F. | 605 | 45 | 0 | 5 | 445 | | 90 | 580 |

| LOCATION A - POINT A | LOCATION B - POINT B | | LIVING AT LOCATION A, WORKING AT LOCATION B - HABITANT AU POINT A ET TRAVAILLANT AU POINT B (5) | LIVING AT LOCATION B, WORKING AT LOCATION A (5) - HABITANT AU POINT B ET TRAVAILLANT AU POINT A (5) |
|---|---|---|---|---|
| CUMBERLAND. SUBD. D,SCM SP12CD11CSD014 | AMHERST, T SP12CD11CSD011 | - • : | 25 35 5 | 5 5 0 |
| | ANTIGONISH, T SP12CD14CSD002 | - • : | 0 0 0 | 5 5 0 |
| | BEDFORD, T SP12CD09CSD024 | - • : | 5 5 0 | 0 0 0 |
| | CAPE BRETON, SUBD. A,SCM SP12CD17CSD016 | - • : | 0 0 0 | 5 5 0 |
| | COLCHESTER, SUBD. A,SCM SP12CD10CSD012 | - • : | 15 20 0 | 5 5 0 |
| | COLCHESTER, SUBD. B,SCM SP12CD10CSD008 | - • : | 45 20 25 | 80 65 20 |
| | CUMBERLAND, SUBD. A,SCM SP12CD11CSD001 | - • : | 0 0 0 | 5 5 0 |
| | CUMBERLAND, SUBD. B,SCM SP12CD11CSD006 | - • : | 10 10 0 | 5 10 0 |
| | CUMBERLAND, SUBD. C,SCM SP12CD11CSD009 | - • : | 5 10 0 | 150 105 45 |
| | CUMBERLAND, SUBD. D,SCM SP12CD11CSD014 | - • : | 1,155 575 435 | 1,165 675 490 |
| | DARTMOUTH, C SP12CD09CSD022 | - • : | 10 10 0 | 0 0 0 |
| | HALIFAX, C SP12CD09CSD021 | - • : | 30 30 0 | 0 0 0 |
| | HALIFAX, SUBD. C,SCM SP12CD09CSD012 | - • : | 5 0 5 | 5 5 0 |
| | MIDDLETON, T SP12CD05CSD016 | - • : | 5 5 0 | 0 0 0 |

SDD81B21. EMPLOYED LABOUR FORCE BY PLACE OF WORK(10) AND SEX(3) FOR EACH CSD OF RESIDENCE (LOCATION A)
          BY EACH CSD OF WORK (LOCATION B) , 1981
SDD81B21. POPULATION ACTIVE OCCUPEE SELON LE LIEU DE TRAVAIL(10) ET LE SEXE(3) , SDR DE RESIDENCE (POINT A) SELON
          LA SDR DE TRAVAIL (POINT B) , 1981

| LOCATION A - POINT A | LOCATION B - POINT B | | LIVING AT LOCATION A, WORKING AT LOCATION B (5)<br><br>HABITANT AU POINT A ET TRAVAILLANT AU POINT B (5) | LIVING AT LOCATION B WORKING AT LOCATION A (5)<br><br>HABITANT A POINT B ET TRAVAILLANT AU POINT A (5) |
|---|---|---|---|---|
| HALIFAX, C | CUMBERLAND, SUBD. D.SCM | T. | 0 | 35 |
| SP12CD09CSD021 | SP12CD11CSD014 | M. | 0 | 30 |
| | | F. | 0 | 5 |
| | DARTMOUTH, C | T. | 4,190 | 12,615 |
| | SP12CD09CSD022 | M. | 3,085 | 7,355 |
| | | F. | 1,100 | 5,255 |
| | DIGBY, MD | T. | 0 | 15 |
| | SP12CD03CSD004 | M. | 5 | 10 |
| | | F. | 0 | 5 |
| | DIGBY, T | T. | 5 | 0 |
| | SP12CD03CSD006 | M. | 0 | 0 |
| | | F. | 0 | 0 |
| | DOMINION, T | T. | 0 | 5 |
| | SP12CD17CSD011 | M. | 0 | 0 |
| | | F. | 0 | 5 |
| | EAST HANTS, MD | T. | 50 | 1,325 |
| | SP12CD08CSD008 | M. | 25 | 790 |
| | | F. | 20 | 535 |
| | GLACE BAY, T | T. | 5 | 50 |
| | SP12CD17CSD009 | M. | 5 | 20 |
| | | F. | 0 | 35 |
| | GUYSBOROUGH, MD | T. | 0 | 30 |
| | SP12CD13CSD004 | M. | 0 | 30 |
| | | F. | 0 | 5 |
| | HALIFAX, C | T. | 50,700 | 50,700 |
| | SP12CD09CSD021 | M. | 25,640 | 25,640 |
| | | F. | 25,065 | 25,065 |
| | HALIFAX, SUBD. A.SCM | T. | 120 | 1,900 |
| | SP12CD09CSD008 | M. | 100 | 1,165 |
| | | F. | 20 | 730 |
| | HALIFAX, SUBD. B.SCM | T. | 305 | 3,340 |
| | SP12CD09CSD001 | M. | 245 | 2,010 |
| | | F. | 60 | 1,330 |
| | HALIFAX, SUBD. C.SCM | T. | 595 | 6,875 |
| | SP12CD09CSD012 | M. | 430 | 4,220 |
| | | F. | 165 | 2,655 |
| | HALIFAX, SUBD. D.SCM | T. | 540 | 4,350 |
| | SP12CD09CSD018 | M. | 380 | 2,645 |
| | | F. | 165 | 1,700 |
| | HALIFAX, SUBD. E.SCM | T. | 20 | 1,860 |
| | SP12CD09CSD026 | M. | 10 | 1,060 |
| | | F. | 10 | 800 |
| | HALIFAX, SUBD. F.SCM | T. | 30 | 315 |
| | SP12CD09CSD031 | M. | 20 | 210 |
| | | F. | 15 | 105 |
| | HALIFAX, SUBD. G.SCM | T. | 10 | 135 |
| | SP12CD09CSD036 | M | 15 | 100 |
| | | F. | 0 | 30 |
| | HALIFAX, SUBD. H.SCM | T. | 10 | 0 |
| | SP12CD09CSD041 | M. | 10 | 0 |
| | | F. | 0 | 0 |
| | HANTSPORT, T | T. | 0 | 45 |
| | SP12CD08CSD004 | M. | 0 | 35 |
| | | F. | 0 | 10 |
| | INVERNESS, SUBD. A.SCM | T. | 0 | 10 |
| | SP12CD15CSD011 | M. | 0 | 5 |
| | | F. | 0 | 0 |
| | INVERNESS, SUBD. B.SCM | T. | 0 | 20 |
| | SP12CD15CSD006 | M. | 0 | 10 |
| | | F. | 0 | 10 |

# SECTION 1

## FIGURES INFORMATION

File Name: _____SDD31B20_____

Largest Absolute Value: _____N.A._____

# SECTION 2

## GENERAL FILE INFORMATION

Format: _____ZONED_____

The File Name is: _____SDD81B20_____

The Data Control Block is:

| | | |
|---|---|---|
| The Record Format | = | FB |
| Logical Record Length | = | 304 |
| Geographical Identification | = | 34 |
| Data Cells Length | = | 270 |
| The Blocksize | = | 15808 |

Number of Cells for Each Record = 30

Total Number of Records Written Out = 123,765