Health Division

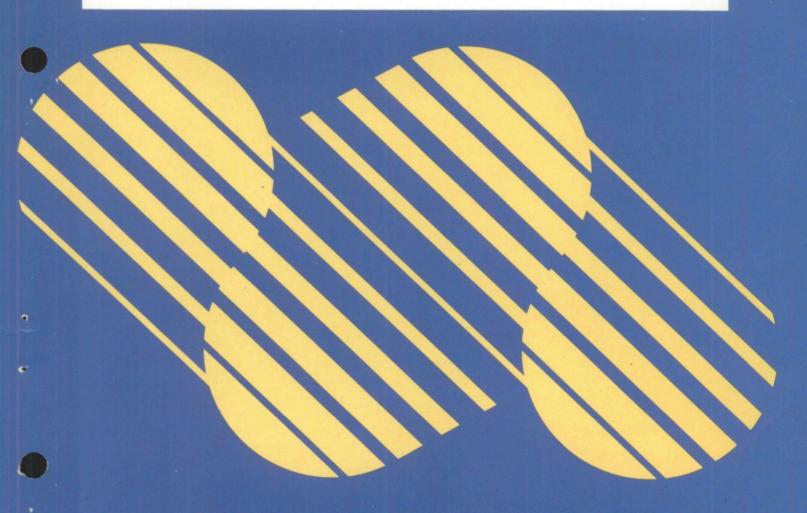
Occupational and Environmental Health Research Unit

Division de la santé

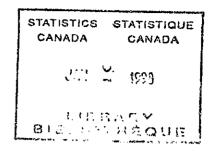
L'unité de recherche en hygiène du travail et du milieu

DATA COLLECTION PACKAGE

Occupational and Environmental Health Research Section 1989



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DATA COLLECTION PACKAGE

Occupational and Environmental Health Research Section
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DATA COLLECTION PACKAGE

September, 1988

FOREWORD

This package was developed to aid researchers and to facilitate standard health record keeping in Canada, particularly where long-term follow-up studies using the Canadian Mortality Data Base are required. This package may be updated as further experience is gained with its use. If you have any comments, problems, or questions regarding the questionnaire and its use within your organization for a study, or would like an application package for undertaking a particular study using the Canadian Mortality Data Base, please complete and return the last page of this document.

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DATA COLLECTION PACKAGE

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The Occupation and Environmental Health Research Section (OEHRS), Statistics Canada gratefully acknowledges the financial support of the Atomic Energy Control Board of Canada in the development of this Data Collection Package for health record keeping in Canada.

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LONG TERM MEDICAL FOLLOW UP IN CANADA DATA COLLECTION

Introduction

This Package is intended to provide information on the type and amount of individual identification information recommended for future health monitoring of employees, or other specific groups of individuals (e.g. those with specific diseases or experiencing certain medical treatments), for whom studies of long term health effects are needed. It also contains rules on how to edit and maintain this information in machine readable form.

Studies are usually undertaken to determine health outcomes such as disease or death of individuals exposed to potentially hazardous elements or substances. This individual identification is intended to be used in conjunction with:

- i) dose exposure records
- ii) endpoint (i.e. health outcome) files (e.g. mortality, cancer, genetic effects, chromosome aberrations)
- iii) other potential assessment factors (e.g. individual lifestyle, family health history).

Use of this Data Collection Package can be by:

- i) companies who do not yet have an employee Occupational Health Bata Base but who may be considering initiating one;
- ii) companies who already have such a Data Base but have not yet undertaken any long-term health studies and may wish to improve or modify their record keeping using some of the ideas given here:
- iii) researchers (e.g. epidemiologists, geneticists) who are undertaking long-term medical follow up studies;
- iv) researchers or organizations who need to have consistent data collection for various emergencies caused by the accidental release of toxic chemical, radiation, etc. to follow those who have been exposed for long-term carcinogenic or genetic effects eq: Chernobyl;
- v) persons involved in forms review to collect information eg: vital statistics, cancer, and other registers.

What Does the Data Collection Package Include?

The Package includes:

- i) reasons for collecting the information in Question and Answer format for employees or other individuals who will be completing the form. These can be used or adapted as you wish;
- ii) an Individual Identity Summary questionnaire in a two page format. The first page is for completion by the employee/individual and the second page should be completed by the employer or study organizer. Both pages can also be used to extract information on past employees or for other study groups from a file review. A third optional page is included for collection of information on children for those wishing to include these details;

- iii) some explanatory notes relating to specific items on the identity summary questionnaire (given on the reverse side of the first page);
- iv) a suggested computer data base record layout and coding advice in the form of a data dictionary manual to be used when entering the data into a computer file;
 - v) a sample coding sheet for coding the information collected;
- vi) how to apply to undertake a long term health follow-up study using the national death file i.e. the Canadian Mortality Data Base.

Maintaining the Data Base

It is important to arrange for the addition of new employees, the updating of information for current employees and the maintenance of records for at least retired employees, (if not for all employees who have left employment but have been employed with the organization for a certain minimum length of time). Arrangements can perhaps be made for input and updates to be transferred automatically from a main personnel data base.

Other Assessment Factors

Individual lifestyle and genetic inheritance can also influence health outcomes. Consideration should be given to factors in addition to occupational exposure that might also have a bearing on the diseases or deaths experienced by any study population e.g. smoking, nutrition, exercise, or family disease history. A medical/lifestyle questionnaire should be considered to include an assessment of these factors. Previous employment exposures might also be very relevant.

CONFIDENTIALITY AND SECURITY OF RECORDS

The Statistics Act and the Privacy Act of Canada protect the confidentiality of all records at Statistics Canada. All information or data files sent to Statistics Canada for particular long-term health studies (using records at Statistics Canada such as the Canadian Mortality Data Base) must satisfy a prescribed review and approval process. This will include the need for a signed confirmation from a responsible organizational representative that appropriate safeguards for the confidentiality of all identifiable information have been met. It is advisable that organizations holding personally identified data and all personnel and researchers involved in studies using confidential data should be responsible for ensuring that both physical and electronic security are in place for all such data.

SUGGESTED GENERAL INFORMATION FOR RESPONDENTS

- THIS GIVES REASONS FOR COLLECTING THE INFORMATION REQUESTED
- IT IS PRESENTED IN A QUESTION AND ANSWER FORMAT
- THE ITEMS MUST BE ADAPTED TO AGREE WITH YOUR OWN PARTICULAR STUDY
- A SET OF TYPICAL QUESTIONS AND ANSWERS ARE PROVIDED

HEALTH RECORD KEEPING: SUGGESTED GENERAL INFORMATION FOR RESPONDENTS

1. What is the Individual Identity Summary?

The Individual Identity Summary (IIS) is a questionnaire to collect individual identifying information for occupational and environmental health studies.

2. Why is the information being collected?

To help answer the question raised throughout industry in recent years i.e. "Is the workplace or environment hazardous to your health?"

3. Why is this information needed?

To ensure correct identification of individuals when checking against general health files of disease, death or genetic effects.

4. What is the information going to be used for?

The information collected would make it possible to undertake a variety of health studies and may assist in health promotion activities, prevention procedures and improving upon sound safety standards in the work place.

Such studies will be discussed and agreed upon between both union and management.

5. Why is parental information needed?

To help in the correct identification of you as a unique individual because others may have similar names and birth dates.

6. Why is spousal information needed?

- i) To help in correct identification, as spousal information is noted on various vital statistics records.
- ii) To aid in any follow-up health studies involving children of the relationship.

7. Why is children information needed?

(If collection of information on children is planned)

There are questions regarding long term genetic and environmental effects of certain agents or substances. Some long term health studies are looking at diseases of children and previous exposure of parents.

8. How will the information be used?

The "Occupational Health and Safety Division" will set up a health record file for all present and past employees. They will review company records for job types, and types and amounts of exposures at the worksite(s).

For a health study, a comparison will be made with the general population using morbidity and mortality files held at Statistics Canada.

9. What about confidentiality?

All the information you provide is held in strict confidence and will be kept in a secure environment. The privacy of each and every employee will be strictly preserved. No information or report will be released which may identify any individual.

10. How will the collection of this information benefit me?

A study will help to answer questions raised by many of you regarding the possible health risks of working for this company. The program assures that careful attention is paid to you and your health in order to provide the safest possible work environment.

11. Who may participate?

All employees may participate and are encouraged to do so.

12. What happens if I leave the company?

The company wants you to continue follow-up in the program "if you are retiring/if you have been employed with the company for over one year".

Current address information will be requested.

INDIVIDUAL IDENTITY SUMMARY

1. THE FIRST PAGE IS FOR COMPLETION BY THE EMPLOYEE/INDIVIDUAL THEMSELVES TO GIVE UNIQUE IDENTIFYING INFORMATION.

IT IS DESIGNED FOR COMPLETION:

- A) BY NEW EMPLOYEES JOINING A COMPANY
- B) BY PRESENT/CURRENT EMPLOYEES IF A NEW DATA BASE (OR SPECIFIC STUDY) IS BEING SET UP
- C) BY COMPANY STAFF FROM A FILE REVIEW OF PAST EMPLOYEE FILES
- D) BY RESEARCHERS/STUDY ORGANIZERS (EPIDEMIOLOGISTS) WHEN SETTING UP A STUDY TO FOLLOW-UP A CERTAIN COHORT/GROUP WITH A SPECIAL DISEASE OR EXPOSURE
- E) BY RESEARCHERS COLLECTING INFORMATION FOR EMERGENCY FOLLOW UP OF ACCIDENTAL EXPOSURES
- F) BY PERSONS COLLECTING IDENTIFYING INFORMATION FOR HEALTH, DISEASE, DEMOGRAPHIC OR OTHER FOLLOW-UP.

IT IS SUGGESTED THAT THE HEADINGS 'ORGANIZATION' AND 'WORKSITE' ON THE FIRST PAGE BE DECIDED ON AND PRE-PRINTED AHEAD OF PASSING THE FORM TO THE INDIVIDUAL TO COMPLETE.

THE "OFFICE USE ONLY" SECTION CAN BE USED FOR ENTERING CODES READY FOR DATA CAPTURE INTO A MASTER COMPUTER FILE.

THE REVERSE SIDE HAS EXPLANATORY NOTES TO CLARIFY SOME COMMON QUESTIONS.

- 2. THE SECOND PAGE IS FOR THE EMPLOYER OR STUDY ORGANIZER TO INCLUDE ADDITIONAL INFORMATION IMPORTANT WHEN UNDERTAKING A FILE REVIEW TO EXTRACT INFORMATION ON PAST EMPLOYEES, OR FOR OTHER TYPES OF STUDY GROUPS.
- 3. THE THIRD PAGE IS ENCLOSED FOR COLLECTION OF INFORMATION ON CHILDREN IF IT IS DECIDED TO INCLUDE THESE ON THE HEALTH RECORD FILE.
- 4. THE QUESTIONNAIRE CAN BE SET UP ON YOUR OWN COMPANY LETTER-HEAD.

INDIVIBUAL IDENTITY SUMMARY

CONFIDENTIAL WHEN COMPLETED

ORGANIZATION	COMPLETED: Year Month(Speil) D	lav.
WORKSITE/GROUP IDENTIFIER		· · · · · · · · · · · · · · · · · · ·
See Notes Overleaf. Enter 'NOT APPLICA	BLE' Where Appropriate. PLEASE PRINT	OFFICE USE ONLY
1) EMPLOYEE OR CASE NUMBER>	·	
2) SURNAME (Lest Name)>		
3) MAIDEN SURNAME (Women Only)>	<u> </u>	
4) OTHER SURNAME(S) EVER USED>		
5) FIRST GIVEN NAME (In Full)>		
6) SECOND GIVEN NAME (In Fuil)>		
7) THIRD GIVEN NAME (In Full)>		
8) USUAL NAME OR NICKNAME> (IF DIFFERENT FROM 5 ABOVE)		
9) SEX	_ Male _ Female	
10) MARITAL STATUS (Present)>		
11) 8IRTH DATE>		
12) BIRTH PLACE>	City/Town Prov(or Country if not Canada)	
13) FATHER'S BIRTH SURNAME>	17) FATHER'S BIRTH DATE: Estimated	l
14) FATHER'S FIRST NAME (In full)>		
15) FATHER'S SECOND NAME (In Full)>	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •
16) FATHER'S BIRTH PLACE>	City/TownProv(or Country if not Canada)	
18) MOTHER'S MAIDEN SURNAME>	22) MOTHER'S BIRTH DATE: [_] Estimated	
19) MOTHER'S FIRST NAME (In Full)>		
20) MOTHER'S SECOND NAME (In full)>	Year Month(Spell) Day	
21) MOTHER'S BIRTH PLACE>	City/TownProv(or Country if not Canada)	
23) SPOUSE'S BIRTH SURNAME>	27) SPOUSE'S BIRTH DATE: Estimated	i
24) SPOUSE'S FIRST NAME (In Full)>	_ _ _ _ _ _ _ _ _ _ _ _ _ _	
25) SPOUSE'S SECOND NAME (In Full)>	Tuer municitate : : :	
26) SPOUSE'S BIRTH PLACE>	City/Town Prov (or Country if not Canada)	•••••
28) MARRIAGE>	Prov	
	_ _ _ _ Month(Spell) Day	
30) SOCIAL INSURANCE NUMBER>		
31) PROV. HEALTH INSURANCE NUMBER>	ProvNumber	
32) PERMANENT HOME ADDRESS>		*************
	No. and Street Apt. No.	
	City/Town/Village/Place Prov/Country Postal Code	• • • • • • • • • • • • • • • • • • • •

INDIVIDUAL IDENTITY SUMMARY FORM COMPLETION NOTES

DATA ELEMENT	FORM COMPLETION INSTRUCTIONS
1 EMPLOYEE/CASE NUMBER	If no employee number, enter not known or not applicable
4 OTHER SURNAME	Refers to last names ever used including other married surname, alternate spelling of surname, legal changes, alliases etc.
5-7 GIVEN NAMES	Spell out full given names as entered on legal documents (eg. birth certificate) even if a nickname or short form of name is normally used. See (8) below. Omit any baptismal names such as Joseph or Mary.
8 NICKNAME	Refers to any names that are frequently used if different from first given name. May be nickname, short form of given name, second given name, or anglicized short form of a given European or Oriental name.
TITLE	Refers to a title or suffix associated with a surname.
12 BIRTH PLACE	Refers to city, town or village with appropriate province or country of birth if born outside Canada. If rural or farm birth, enter nearest village or town as shown on birth certificate
13-22 PARENTAL INFORMATION:	
13 & 18 SURNAMES	Refers to last name at birth or adoption even if deceased.
14-15 GIVEN NAMES	Spell out in full as entered on legal documents even if a nickname or short form of name is normally used.
16 & 21 SIRTH PLACE City	Refers to city, town or village of birth. See (12) above. If exact place not known, enter nearest town.
Prov/Country	Refers to specific province if born in Canada or to specific country if born outside Canada.
17 & 22 BIRTH DATE	Enter the year, including the century. Spell out the month to avoid confusion with the day. If not known exactly, enter closest estimate, and mark estimated.
23-29 SPOUSAL INFORMATION:	
23 SPOUSE'S BIRTH	include partner by marriage or common-law. Refers to present spouse, or last spouse if widowed, divorced or separated.
SURNAME	Refers to last name at birth or adoption for present or last spouse, or common-law partner.
28 MARRIAGE PROVINCE	Refers to place of marriage for present or last marriage. i.e. province or country if outside Canada.
29 MARRIAGE DATE	Refers to present or last marriage.
31 PROVINCIAL HEALTH INSURANCE NO. Province	
•	Refers to the Province of your Health Insurance plan.
Number	Refers to the policy number of the health plan used in your province. eg: In Ontarlo record O.H.I.P. number.
32 PERMANENT HOME ADDRESS	Provide complete address. If rural, give exact location rather than mailing address of post office or rural route: i.e. give section, township, range and meridian, or lot and concession.

•	THIS PAGE IS TO BE COMPLETED BY EMPLOYER/STUDY ORGANIZER	
WORKSITE/GROUP IDENTIFIER	SURNAME	
EMPLOYEE OR CASE NUMBER	GIVEN NAMES	
	•	<u> </u>
33) PENSION PLAN NUMBER> WORK HISTORY:		
		Month Day
REHIRE DATE	Year Month Day TERMINATION DATE -> Year	
REHIRE DATE>	Year Month Day TERMINATION DATE ->	Month Day
CONTINUE ON SEPARATE PAGE IF NECES	SARY	
36) VITAL STATUS>	Known Alive Known Bead Status Unknown	
37) SOURCE OF INFORMATION>	Pension Records Current Files Vital Statistics	
38) LAST KNOWN YEAR ALIVE>	_ _ _ _ Year	
39) LAST KNOWN ADDRESS> (IF DIFFERENT FROM 32 ON PREVIOUS PAGE)	No. and Street . Apt. No.	
	City/Town/Village/Place Prov/Country Postal Code	.
40) DATE DF DEATH	_ _ _	
41) PLACE OF DEATH>	City/TownProv(or Country if not Canada)	
42) CAUSE(S) OF DEATH>	1. If Official Documentation or Death Certificate Held:	
	DEATH CERTIFICATE NUMBER	
	b)Antecedent Causes Stating Underlying Cause Last:	
	c)Other Significant Contributing Conditions:	
		·······
	2. If No Official Documentation Held:	_ ····································

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INDIVIDUAL IDENTITY SUMMARY

	WORKSITE/GROUP IDENTIFIE	RSURNAME
	EMPLOYEE OR CASE NUMBER	GIVEN NAMES
L	IST ALL CHILDREN RE	LATED BY BLOOD, MARRIAGE OR COMMON LAW
43)	FIRST CHILD'S SURNAME>	44) SURNAME AT BIRTH
45)	FIRST CHILD'S FIRST NAME>	(I) Different/
46)	FIRST CHILD'S SECOND NAME>	
47)	FIRST CHILD'S SEX>	Male Female
48)	FIRST CHILD'S BIRTH DATE>	Year Month (Spell) Day
49)	FIRST CHILD'S BIRTH PLACE>	City/Town/Village/Place PRGV: (Or Country If Not Canada)
50)	FIRST CHILD'S PARENTS> (As Named On Child's Birth or Adoption Certificate)	Self and Spouse Self Only Spouse Only Other As Noted On
51)	FIRST CHILD'S RELATIONSHIP TO YOU:	Blood Related Not Blood Related
52)	SECOND CHILD'S SURNAME>	- 53) SURNAME AT BIRTH
	SECOND CHILD'S FIRST NAME>	(If Different)
	SECOND CHILD'S SECOND NAME>	
	SECOND CHILD'S SEX>	Male Female
57)	SECOND CHILD'S BIRTH DATE>	Year Month (Spell) Day
58)	SECOND CHILD'S BIRTH PLACE>	City/Town/Village/Place PROV: (Or Country If Not Canada)
59)	SECOND CHILD'S PARENTS> (As Named On Child's Birth or Adoption Certificate)	Self and Spouse Self Only Spouse Only Other As Noted On As Noted On First Page First Page First Page
60)	SECOND CHILD'S RELATIONSHIP TO YOU:	Blood Related Not Blood Related
61)	THIRD CHILD'S SURNAME>	62) SURNAME AT BIRTH
63)	THIRD CHILD'S FIRST NAME>	(If Different)
64)	THIRD CHILD'S SECOND NAME>	<u> </u>
	THIRD CHILD'S SEX>	Male Female
66)	THIRD CHILD'S BIRTH DATE>	Year Month (Spell) Day
67)	THIRD CHILD'S BIRTH PLACE>	City/Town/Village/Place PROV: (Or Country If Not Canada)
68)	THIRD CHILD'S PARENTS> (As Named On Child's Birth or Adoption Certificate)	Self and Spouse Self Only Spouse Only Other As Noted On
	•	•

INDIVIDUAL IDENTITY SUMMARY

	WORKSITE/GROUP IDENTIFIE	SURNAME	
	EMPLOYEE OR CASE NUMBER	GIVEN NAMES	
LIST	ALL CHILDREN RELATED BY BLOOD, MARR	IAGE OR COMMON LAW	
70) F	OURTH CHILD'S SURNAME>	71) SURNAME AT BIRTH	
72) F	OURTH CHILD'S FIRST NAME>	(**************************************	
73) F	OURTH CHILD'S SECOND NAME>		
74) F	OURTH CHILD'S SEX>	Male Female	
75) F	OURTH CHILD'S BIRTH DATE>	Year Month (Spell) Day	
76) F	OURTH CHILD'S BIRTH PLACE>	City/Town/Village/Place PROV: (Or Country If Not Canada)	
(OURTH CHILD'S PARENTS> As Named On Child's Birth or Adoption Certificate)		
78) F	OURTH CHILD'S RELATIONSHIP TO YOU:	Blood Related Not Blood Related	
79) F	IFTH CHILD'S SURNAME	BO) SURNAME AT BIRTH	,
81) F	IFTH CHILD'S FIRST NAME>	(If Different)	
82) F	IFTH CHILO'S SECOND NAME>		
83) F	IFTH CHILD'S SEX>	Male Female	
84} F	IFTH CHILD'S BIRTH DATE>	Year Month (Spell) Day	
85) F	IFTH CHILD'S BIRTH PLACE>	City/Town/Village/Place PROV: (Or Country If Not Canada)	
(IFTH CHILD'S PARENTS> As Named On Child's Birth or Adoption Certificate)	Self and Spouse Self Dnly Spouse Only Other As Noted On	
87) F	IFTH CHILD'S RELATIONSHIP TO YOU:	Blood Related Not Blood Related	
88) S	IXTH CHILD'S SURNAME>	89) SURNAME AT BIRTH (If Different)	
90) S	IXTH CHILD'S FIRST NAME>	(II Different)	
91) S	IXTH CHILD'S SECOND NAME>	-	
92) S	IXTH CHILD'S SEX>	Male Female	
93) S	IXTH CHILD'S BIRTH DATE>	_ _ _	
94) S	IXTH CHILD'S BIRTH PLACE>	City/Town/Village/Place PRGV: (Or Country If Not Canada)	
(IXTH CHILD'S PARENTS> As Named On Child's Birth or Adoption Certificate)	Self and Spouse Self Only Spouse Only Cother As Noted On As Noted On First Page First Page	
96) 9	IXTH CHILD'S RELATIONSHIP TO YOU:	Blood Related Not Blood Related	

RECORD LAYOUT AND DATA DICTIONARY

A SUGGESTED COMPUTER DATA BASE RECORD LAYOUT AND CODING MANUAL IN THE FORM OF A DATA DICTIONARY TO BE USED WHEN ENTERING THE DATA INTO A COMPUTER FILE. AN APPENDIX IS INCLUDED FOR CODING INFORMATION COLLECTED ON CHILDREN.

INDIVIDUAL IDENTITY SUMMARY

COMPUTER DATA FILE CODING INFORMATION

These guidelines are for use by individuals who will be coding and keying the information collected on the Individual Identity Summary forms. They contain a suggested ideal computer data file record layout followed by an explanation or "Dictionary" consisting of a page for each record item in the order of the record layout. Each page includes a suggested field length, the field type (alphabetic or numeric), an explanation of the item, the code(s) to be used and the suggested edits that can be carried out to ensure a valid entry has been made in the data base.

Optional additional fields for CHILDREN have been included in a separate Appendix for organizations who wish to collect and include these details.

Each organization can adapt, add to or omit items from these suggestions depending on its own situation. However, it is recommended that the items identified with asterisks (*) be given high priority. The minimum information needed to allow for a health study using the Canadian Mortality Data Base (CMDB) is:

LAST NAME
FULL FIRST GIVEN NAME
SEX
FULL DATE OF BIRTH (DAY, MONTH AND YEAR)

However, each additional identifying item assists in assessing the quality of possible matches that occur when searching the CMDB. Additional items can also increase the quantity of matches.

We have suggested a minimum length for each field. You may increase this to any reasonable length, but ensure that all records on the file have the same length for any specific field.

GENERAL GUIDELINES FOR PREPARATION OF MACHINE READABLE RECORDS

- 1. Use a fixed field format.
- 2. Each data item must have its own field i.e. Surname, Alternate Surname, First Given Name, Second Given Name, etc.
- 3. Field length must be kept the same length throughout the file.
- 4. Use only UPPER CASE for alphabetic information.
- 5. Left justify all alphabetic fields.
- 6. Right justify all numeric fields (may add leading zeros).
- 7. Where no information, or information does not fill the field, leave the field, or remainder of the field, blank.

INDIVIDUAL IDENTITY SUMMARY COMPUTER DATA FILE CODING INFORMATION RECORD LAYOUT AND DATA DICTIONARY TABLE OF CONTENTS

FIELD DESCRIPTION	PAGE NO.	FIELD NO.
RECORD LAYOUT	15-17	
WORKSITE CODE/COHORT CODE	18	1
EMPLOYEE NUMBER/CASE STUDY NUMBER	19	2
CONTROL CODE DIGIT	20	3
SURNAME	21-22	. 4
MAIDEN SURNAME	23	5
OTHER SURNAME (S) USED	24	6
FIRST GIVEN NAME	25	7
SECOND GIVEN NAME	26	8
THIRD GIVEN NAME	27	9
NICKNAME	28	10
TITLE	29	11
SEX	30	12
MARITAL STATUS	31	13
BIRTH DATE	32	14
	33-35	15
BIRTH PLACE CODE	36-37	16
BIRTH CITY	38	17
FATHER'S SURNAME FATHER'S FIRST GIVEN NAME	39	18
	40	19
FATHER'S SECOND GIVEN NAME	41	20
FATHER'S BIRTH PLACE CODE	42	21
FATHER'S BIRTH CITY	43	22
FATHER'S BIRTH DATE	44	23
MOTHER'S MAIDEN SURNAME		23 24
MOTHER'S FIRST GIVEN NAME	45	
MOTHER'S SECOND GIVEN NAME	46	25
MOTHER'S BIRTH PLACE CODE	47	26
MOTHER'S BIRTH CITY	48	27
MOTHER'S BIRTH DATE	49	28
SPOUSE'S BIRTH SURNAME	50	29
SPOUSE'S FIRST GIVEN NAME	51 50	30
SPOUSE'S SECOND GIVEN NAME	52	31
SPOUSE'S BIRTH PLACE CODE	53	32
SPOUSE'S BIRTH CITY	54	33
SPOUSE'S BIRTH DATE	55	34
MARRIAGE PLACE CODE	56	35
MARRIAGE DATE	57	36
SOCIAL INSURANCE NUMBER	58	37
PROVINCIAL HEALTH INSURANCE NUMBER	59	38
PERMANENT HOME PROVINCE CODE	60	39
PERMANENT HOME ADDRESS	61	40
PENSION PLAN NUMBER	62	41
WORK HISTORY-HIRE DATES	63	42
WORK HISTORY-TERMINATION DATES	64	43
VITAL STATUS	65	44
SOURCE OF INFORMATION	66	45

FIELD DESCRIPTION	PAGE NO.	FIELD NO.
LAST KNOWN YEAR ALIVE	67	46
LAST KNOWN ADDRESS PROVINCE/COUNTRY CODE	68	47
LAST KNOWN ADDRESS	69	48
DATE OF DEATH	70	49
PLACE OF DEATH CODE	71	50
CITY OF DEATH	72	51
DEATH CERTIFICATE NUMBER	73	52
CAUSE OF DEATH	74	53

RECORD-LAYOUT

RECOMMENDED FOR COHORT STARTING POINT FILES WHICH NEED TO BE LINKED TO THE MORTALITY DATA BASE

			t		10 11	TE MORTALITY DATA BASE	AVAI	LABLE
	PAGE	FIELD	SIZE	POSITION	TYPE		YES	NO SSS
- 	18	1	1	1	A/N	WORKSITE CODE/COHORT CODE		
*	19	2	9	2-10	A/N	EMPLOYEE NUMBER/CASE NUMBER		
Ī	20	3	1	11	N	CONTROL CODE DIGIT		
*	21	4	21	12-32	А	SURNAME		
×	23	5	21	ETC.	A	MAIDEN SURNAME		
*	24	. 6	21		A	OTHER SURNAME (S) USED		
*	25	7	9		A	FIRST GIVEN NAME		
*	26	8	7		A	SECOND GIVEN NAME		
*	27	9	. 7	•	A	THIRD GIVEN NAME		
'n	28	10	7		A	NICKNAME		
	29	11	3		A	TITLE		
*	30	12	1		N	SEX	<u>.</u>	
*	31	13	1		N	MARITAL STATUS		
*	32	14	8		N	BIRTH DATE (YEAR, MONTH, DAY)		
*	33	15	2	,	N	BIRTH PLACE CODE		
	36	16	10		A	BIRTH CITY		
×	38	17	10		A	FATHER'S SURNAME		
χ	39	18	9		А	FATHER'S FIRST GIVEN NAME		
×	40	19	7		A	FATHER'S SECOND GIVEN NAME		
ĸ	41	20	2		N	FATHER'S BIRTH PLACE CODE		
	42	21	10		A	FATHER'S BIRTH CITY		
+	43	22	8		· N	FATHER'S BIRTH DATE		

RECORD-LAYOUT (CONTINUED)

			NTINUEU)	AVAILABLE				
==	PAGE	FIELD	S ZE	POSITION	TYPE		YES	NO
*	44	23	10		A	MOTHER'S MAIDEN SURNAME		
*	45	24	9		А	MOTHER'S FIRST GIVEN NAME		_
*	46	25	7		A	MOTHER'S SECOND GIVEN NAME		_
'n	47	26	2		N	MOTHER'S BIRTH PLACE CODE		_
	48	27	10		A	MOTHER'S BIRTH CITY		
+	49	28	8		N	MOTHER'S BIRTH DATE		
*	50	29	10		А	SPOUSE'S BIRTH SURNAME		
*	51	30	9		A	SPOUSE'S FIRST GIVEN NAME		
ή¢	52	31	7		A	SPOUSE'S SECOND GIVEN NAME		
	53	32	2		- N	SPOUSE'S BIRTH PLACE CODE		_
	54	33	10		A	SPOUSE'S BIRTH CITY		
	55	34	8		N	SPOUSE'S BIRTH DATE		
	56	35	2		N	MARRIAGE PLACE CODE		
	57	36	8		N	MARRIAGE DATE		
	58	37	9		N	SOCIAL INSURANCE NUMBER		
	59	38	12		N	PROVINCIAL HEALTH INSURANCE NUMBER		
*	60	39	2		N	PERMANENT HOME PROVINCE CODE		
ň	61	40	46		A/N	PERMANENT HOME ADDRESS		
	62	41	8		A/N	PENSION PLAN NUMBER		,
#	63	42	6		N	WORK HISTORY - HIRE DATE		

RECORD-LAYOUT (CONTINUED)

							AVAILABLE	
	PAGE	FIELD	SIZE	POSITION	TYPE	TITLE	YES	NO
#	64	43	6		N	WORK HISTORY - TERMINATION DATE		_
	65	44	1		N	VITAL STATUS		
	66	45	. 1		N	SOURCE OF INFORMATION		
*	67	46	4		N	LAST KNOWN YEAR ALIVE		
*	68	47	2		N	LAST KNOWN PROVINCE/COUNTRY CODE		
	69	48	46		A/N	LAST KNOWN ADDRESS	_	_
*	70	49	8		N	DATE OF DEATH		_
ľ	71	50	2		N	PLACE OF DEATH CODE		
	72	51	10		A	CITY OF DEATH		
	73	52	10		Α	DEATH CERTIFICATE NUMBER.		
	74	53	4		A/N	CAUSE OF DEATH		
						OTHER FIELDS		_

NOTES:

- * TOP PRIORITY SHOULD BE GIVEN TO COLLECTING THE ITEMS IDENTIFIED WITH ASTERISKS (*). BIRTH DATE IS ONE OF THE MORE IMPORTANT ITEMS AND EXTRA EFFORT SHOULD BE MADE TO COLLECT THIS ITEM.

 THE MINIMUM INFORMATION NEEDED TO ALLOW FOR A HEALTH STUDY USING THE CANADIAN MORTALITY DATA BASE (CMDB) IS:
 LAST NAME, FIRST GIVEN NAME, SEX AND FULL DATE OF BIRTH (DAY, MONTH AND YEAR)
- + FOR GENETIC STUDIES ADDITIONAL PARENTAL VARIABLES WILL BE REQUIRED PARTICULARLY THOSE DENOTED WITH AN (+).
- # WORK HISTORY DATES ARE VERY IMPORTANT FOR USE IN THE ANALYSIS OF ANY OCCUPATIONAL HEALTH STUDY, ESPECIALLY THE HIRE DATE YEAR OR THE YEAR THE EXPOSURE STARTED, AND THE TERMINATION YEAR OR THE YEAR THE EXPOSURE/FOLLOW-UP ENDED. THESE VARIABLES ARE USED IN THE MONSON AND OTHER ROUTINES.

FIELD: WORKSITE CODE/COHORT CODE

SUGGESTED FIELD LENGTH: 1

TYPE: NUMERIC/ALPHABETIC

REFERS TO A VALID COMPANY WORKSITE CODE, AN ASSIGNED WORKSITE CODE, A COHORT CODE OR A SURVEY IDENTIFIER.

ENSURE NUMBERS ARE UNIQUE.

CODE IS USEFUL TO IDENTIFY DIFFERENT SUBGROUPS OR TYPES OF WORKERS ON A FILE.

FIELD: EMPLOYEE NUMBER/CASE STUDY NUMBER

SUGGESTED FIELD LENGTH: 9

TYPE: ALPHABETIC/NUMERIC

REFERS EITHER TO A VALID EMPLOYEE NUMBER OR AN ASSIGNED STUDY NUMBER. MAY BE NUMERIC OR COMBINATION OF ALPHABETIC AND NUMERIC.

ENSURE NUMBERS ARE UNIQUE TO EACH INDIVIDUAL AND NOT REUSED FOR SOMEONE ELSE.

IF USING LESS THAN 9 CHARACTERS, CHANGE SIZE OF FIELD FROM 9 TO MAXIMUM USED.

EDITS:

MUST BE UNIQUE NUMBER FOR EACH INDIVIDUAL.

FIELD: CONTROL CODE DIGIT

SUGGESTED FIELD LENGTH: 1

TYPE: NUMERIC

IDENTIFIES THE TYPE OF SURNAME STORED IN THE SURNAME FIELD. ENTER A CODE '1' TO INDICATE THIS RECORD IS AN "ORIGINAL ENTRY" AND IS THE FIRST ENTRY FOR THIS INDIVIDUAL.

IF MORE THEN ONE RECORD IS REQUIRED FOR AN INDIVIDUAL (eg AN ALTERNATE SPELLING OF SURNAME.) THEN ENTER A CODE '2' ON SUBSEQUENT RECORDS. ENSURE THAT THE "EMPLOYEE NUMBER" IS IDENTICAL ON ALL RECORDS.

EDITS:

MUST BE VALID NUMERIC CODE 1 OR 2.

FIELD: SURNAME

SUGGESTED FIELD LENGTH: MINIMUM 10

(MINIMUM 21 IF DOUBLE SURNAMES INCLUDED)

TYPE: ALPHABETIC

REFERS TO RESPONDENT'S LAST NAME.

CODING INSTRUCTIONS:

KEY AT LEAST 10 CHARACTERS FOR ALL SURNAMES HAVING 10 OR MORE.

USE UPPER CASE ONLY.

DOUBLE SURNAMES -

KEY AN "ORIGINAL" ENTRY RECORD USING THE HYPHENATED FORM (i.e. THE TWO NAMES JOINED TOGETHER WITH A HYPHEN).

EXAMPLE: WILSON-TAYLOR

PREFIXED SURNAMES -

KEY WITHOUT SPACING OR PUNCTUATION. ABBREVIATE SAINT TO ST;

SAINTE TO STE

EXAMPLE: VON WILLIAMS BECOMES VONWILLIAMS

> BECOMES OREILLY O'REILLY DE LUCA BECOMES DELUCA BECOMES MACDONALD MacDONALD ST JEAN BECOMES STJEAN

SUFFIXED SURNAMES -

OMIT ALTOGETHER SUFFIXES SUCH AS JR AND SR FROM THIS FIELD. IF NECESSARY CREATE A SEPARATE "TITLE" FIELD TO STORE THIS INFORMATION (SEE PAGE 29).

(ESPECIALLY, DO NOT CONFUSE SUFFIXES WITH GIVEN NAMES OR INITIALS).

CONT'D....

TITLES DROP ALL TITLES SUCH AS DR. OR REV. FROM THE SURNAME FIELD. IF
NEEDED CREATE A SEPARATE "TITLE" FIELD (SEE PAGE 29).

RELIGIOUS TITLES AND NAMES IF CREATING A "TITLE" FIELD DROP ALL TITLES FROM SURNAME FIELD
AND INCLUDE THESE IN THE TITLE FIELD ONLY (SEE PAGE 29).

IP NOT CREATING A SEPARATE TITLE FIELD INCLUDE THE RELIGIOUS TITLE IN THE SURNAME FIELD, BUT DO NOT TREAT IT AS A PREFIX I.E. ENTER A SPACE BETWEEN TITLE AND NAME.

IF A LAST NAME IS GIVEN, KEY THE RELIGIOUS TITLE AND LAST NAME IN THE SURNAME FIELD.

EXAMPLE: SURNAME - SR ADAMS
GIVEN1 - RUTH

IF NO SURNAME IS GIVEN ENTER THE RELIGIOUS TITLE IN THE SURNAME FIELD WITH THE CHURCH NAME.

EXAMPLE: SR MARY

EXAMPLE: A NUN WITH A RELIGIOUS NAME OF MARY AND GIVEN NAMES OF ALICE ELAINE WOULD BE KEYED AS:

SURNAME - SR MARY GIVEN1 - ALICE GIVEN2 - ELAINE

NOTE: THE BIRTH SURNAME SHOULD APPEAR ALONE (i.e. WITHOUT THE TITLE)
IN FATHER'S SURNAME FIELD FOR ADDITIONAL IDENTIFICATION.

EDITS:

- -MUST BE ALPHABETIC.
- -ALL UPPER CASE.
- -!F VALID HYPHENATED SURNAMES (EG: SMITH-JONES) ENSURE HYPHEN IS ENTERED. THE FIELD LENGTH WILL NEED TO BE LONG ENOUGH TO INCLUDE THE SECOND NAME. ENSURE AT LEAST 10 CHARACTERS OF EACH PART ARE ENTERED. TRUNCATE REMAINING CHARACTERS IN EACH PART IF NECESSARY.
- -ENSURE JR OR SR AND TITLES ARE NOT ENTERED (EXCEPT RELIGIOUS TITLES WHERE NO SEPARATE TITLE FIELD IS CREATED).

. FIELD: MAIDEN SURNAME

SUGGESTED FIELD LENGTH: MINIMUM 10

(MINIMUM 21 IF DOUBLE SURNAMES INCLUDED)

TYPE: ALPHABETIC

REFERS TO MAIDEN SURNAME AT BIRTH OR ADOPTION FOR WOMEN ONLY.

DOUBLE SURNAMES -

KEY USING THE HYPHENATED FORM (i.e. THE TWO NAMES JOINED TOGETHER WITH A HYPHEN).

EXAMPLE: WILSON-TAYLOR

PREFIXED SURNAMES -

KEY WITHOUT SPACING OR PUNCTUATION. ABBREVIATE SAINT TO ST, SAINTE TO STE.

EXAMPLE: VON WILLIAMS BECOMES' VONWILLIAMS

O'REILLY BECOMES OREILLY
DE LUCA BECOMES DELUCA
MacDONALD BECOMES MACDONALD
ST JEAN BECOMES STJEAN

⁻MAY BE ALPHABETIC OR BLANK.

⁻ALL UPPER CASE.

⁻IF VALID HYPHENATED SURNAMES (EG: SMITH-JONES) ENSURE HYPHEN IS ENTERED.

FIELD: OTHER SURNAME (S) USED

SUGGESTED FIELD LENGTH: MINIMUM 10

(MINIMUM 21 IF DOUBLE SURNAMES INCLUDED)

TYPE: ALPHABETIC

REFERS TO OTHER SURNAME (S) EVER USED. FOR FEMALES THIS FIELD MAY CONTAIN A PREVIOUS MARRIED SURNAME. FOR MALES THIS FIELD MAY INCLUDE SURNAME CHANGES THROUGH ADOPTION, LEGAL CHANGES ETC.

ADD ADDITIONAL RECORDS IF MORE THAN ONE "OTHER SURNAME" HAS EVER BEEN USED EG: RE-MARRIED WOMEN.

DOUBLE SURNAMES -

KEY AN "ORIGINAL" ENTRY RECORD USING THE HYPHENATED FORM (i.e. THE TWO NAMES JOINED TOGETHER WITH A HYPHEN).

EXAMPLE: WILSON-TAYLOR

PREFIXED SURNAMES -

KEY WITHOUT SPACING OR PUNCTUATION. ABBREVIATE SAINT TO ST. SAINTE TO STE.

EXAMPLE: VON WILLIAMS BECOMES VONWILLIAMS

O'REILLY BECOMES OREILLY BECOMES DELUCA

DE LUCA MacDONALD

BECOMES MACDONALD

ST JEAN

BECOMES STJEAN

- -MAY BE ALPHABETIC OR BLANK.
- -ALL UPPER CASE.
- -IF VALID HYPHENATED SURNAMES (EG: SMITH-JONES) ENSURE HYPHEN IS ENTERED. ENSURE 10 CHARACTERS OF EACH PART ARE ENTERED. TRUNCATE REMAINING CHARACTERS IN EACH PART IF NECESSARY.

FIELD: FIRST GIVEN NAME (GIVEN1)

SUGGESTED FIELD LENGTH: 9

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF FIRST GIVEN NAME AS ENTERED ON LEGAL DOCUMENTS.

DO NOT ABBREVIATE NAMES.

· LEFT JUSTIFY THE ENTRY.

DOUBLE FIRST GIVEN NAME -

OMIT ANY HYPHENS.

IF GIVEN2 IS BLANK, CODE SECOND PART OF FIRST GIVEN NAME IN GIVEN2. INCLUDE DOUBLE NAME, WITH SPACE, IN GIVEN1 IF GIVEN2 IS NOT BLANK.

WITH PREFIXES -

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EXAMPLE: O'HANNES

BECOMES OHANNES

MAC KENZIE BECOMES

MACKENZIE

JOANNE

LE ROY

BECOMES LEROY

NOTE: REGARD 'JO' AS A PREFIX AND CONCATENATE AS ABOVE -EXAMPLE: JO ANNE BECOMES

IF INITIAL ONLY IS AVAILABLE ENTER THIS IN FIRST COLUMN.

⁻MUST BE ALPHABETIC.

⁻IGNORE ANY PERIODS.

⁻ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE SEPARATED BY BLANKS AND RECORDED IN THEIR RESPECTIVE FIELDS.

⁻CHECK THAT SEX CODE AND GIVEN NAMES ARE COMPATIBLE (EG: WATCH OUT FOR A FEMALE 'MRS. JOHN DOE')

FIELD: SECOND GIVEN NAME (GIVEN2)

SUGGESTED FIELD LENGTH: 7

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF SECOND GIVEN NAME.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE SECOND GIVEN NAME -

CODE DOUBLE NAME, WITH SPACE, IN GIVEN2 UNLESS THIRD GIVEN NAME BLANK.

IF THIRD GIVEN NAME IS BLANK, MOVE SECOND PART OF SECOND GIVEN NAME TO GIVENS.

WITH PREFIXES -

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EXAMPLE: O'HANNES BECOMES

OHANNES MACKENZIE

MAC KENZIE BECOMES LE ROY

BECOMES LEROY

NOTE: REGARD 'JO' AS A PREFIX AND CONCATENATE AS ABOVE -EXAMPLE: JO ANNE BECOMES JOANNE

IF INITIAL ONLY IS AVAILABLE ENTER THIS IN FIRST COLUMN.

- -MUST BE ALPHABETIC OR BLANK.
- -IGNORE ANY PERIODS.
- -ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE SEPARATED BY BLANKS AND RECORDED IN THEIR RESPECTIVE FIELDS.
- -CHECK THAT SEX CODE AND GIVEN NAMES ARE COMPATIBLE.

FIELD: THIRD GIVEN NAME (GIVENS)

SUGGESTED FIELD LENGTH: 7

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF THIRD GIVEN NAME.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE THIRD GIVEN NAME -CODE DOUBLE NAME, WITH SPACE, IN GIVENS. TRUNCATE IF TOO LONG.

WITH PREFIXES -

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EXAMPLE: O'HANNES BECOMES

OHANNES

MAC KENZIE BECOMES

MACKENZIE

LE ROY

BECOMES LEROY

NOTE: REGARD 'JO' AS A PREFIX AND CONCATENATE AS ABOVE -EXAMPLE: JO ANNE BECOMES JOANNE

IF INITIAL ONLY IS AVAILABLE ENTER THIS IN FIRST COLUMN.

⁻MUST BE ALPHABETIC OR BLANK.

⁻IGNORE ANY PERIODS.

⁻ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE SEPARATED BY BLANKS AND RECORDED IN THEIR RESPECTIVE FIELDS.

⁻CHECK THAT SEX CODE AND GIVEN NAMES ARE COMPATIBLE.

FIELD: NICKNAME

SUGGESTED FIELD LENGTH: 7

TYPE: ALPHABETIC

REFERS TO ANY NAMES THAT ARE FREQUENTLY USED IF DIFFERENT FROM FIRST GIVEN NAME. MAY BE NICKNAMES, SHORT FORM OF GIVEN NAME OR ANGLICIZED SHORT FORM OF A GIVEN EUROPEAN OR ORIENTAL NAME.

LEFT JUSTIFY ALL ENTRIES.

EDITS:

MAY BE ALPHABETIC OR BLANK.

FIELD: TITLE

SUGGESTED FIELD LENGTH: 3

TYPE: ALPHABETIC

REFERS TO A TITLE OR SUFFIX THAT IS OFTEN ASSOCIATED WITH THE SURNAME.

EXAMPLES:

JR - JUNIOR

SR - SENIOR

REV - REVEREND

SIS - FEMALE RELIGIOUS TITLE (OR NUN)

DR - DOCTOR

· I - THE FIRST

11 - THE SECOND

III - THE THIRD

FR - MALE RELIGIOUS TITLE (BROTHER, FRIAR, FRERE)

PR - PRIEST, PERE

EDITS:

MAY BE ALPHABETIC OR BLANK.

FIELD: SEX

SUGGESTED FIELD LENGTH: 1

TYPE: NUMERIC

REFERS TO THE GENDER OF THE RESPONDENT.

IF POSSIBLE, ENSURE CODES '1' OR '2' ARE ENTERED.

CODE

DESCRIPTION

1

MALE

2

FEMALE

BLANK

NOT STATED/UNKNOWN

EDITS:

MUST BE CODES 1,2 OR BLANK.

FIELD: MARITAL STATUS

SUGGESTED FIELD LENGTH: 1

TYPE: NUMERIC

REFERS TO THE CURRENT MARITAL STATUS OF THE RESPONDENT.

CODE	DESCRIPTION
1 .	SINGLE/NEVER MARRIED
2	MARRIED/COMMON-LAW
3	WIDOWED
4 .	DIVORCED .
5	SEPARATED
BLANK	NOT STATED

EDITS:

MUST BE NUMERIC CODES 1 TO 5 OR BLANK.

FIELD: BIRTH DATE

SUGGESTED FIELD LENGTH: 8 (4+2+2)

TYPE: NUMERIC

REFERS TO BIRTH DATE OF THE RESPONDENT.

YEAR - 4 NUMERIC CHARACTERS

- FIRST 2-DIGITS OF YEAR MUST BE THE CENTURY I.E. '19' OR '18'

- BLANK IF UNKNOWN

MONTH - 2 NUMERIC CHARACTERS

JANUARY	01	JULY07
FEBRUARY	02	AUGUST08
MARCH	03	SEPTEMBER09
APRIL	04	OCTOBER10
MAY	05	NOVEMBER11
JUNE	06	DECEMBER12
HNYNOUR	DIANK	

UNKNOWN.....BLANK

DAY . - 2 NUMERIC CHARACTERS

- RIGHT JUSTIFY WITH LEADING ZERO WHERE APPROPRIATE
- MUST BE IN THE RANGE 01-31
- BLANK IF UNKNOWN

- -MAY BE NUMERIC OR BLANK.
- -BE ALERT TO MONTHS EXCEEDING 12.
- -CHECK FOR INTERCHANGES OF MONTH AND DAY.
- -ENSURE THAT DAYS DO NOT EXCEED 31.

FIELD: BIRTH PLACE CODE

SUGGESTED FIELD LENGTH: 2

TYPE: NUMERIC

REFERS TO RESPONDENT'S BIRTH PROVINCE/COUNTRY CODE.

IF NECESSARY, PREPARE A PROGRAM TO AUTOMATICALLY CODE THE BIRTH PROVINCE/COUNTRY. SEE THE FOLLOWING STATISTICS CANADA PROVINCE/COUNTRY CODES.*

*A MORE EXTENSIVE CODING LIST IS AVAILABLE WHEN A LARGE NUMBER OF BIRTH COUNTRIES ARE UNFAMILIAR. FOR A COPY PLEASE CONTACT: OCCUPATIONAL AND ENVIRONMENTAL HEALTH RESEARCH UNIT, VITAL STATISTICS AND DISEASE REGISTRIES SECTION, HEALTH DIVISION, 18TH FLOOR, R.H. COATS BUILDING, TUNNEY'S PASTURE, OTTAWA, ONTARIO. K1A 0T6

EDITS:

MUST BE A VALID NUMERIC CODE OR BLANK.

PROVINCE/COUNTRY CODES: (NUMERICAL) (FOR ALPHABETICAL LIST SEE PAGE 35)

CANADA

01 PEI 05 Ontario 09 BC 17 Canada
02 Nova Scotia 06 Manitoba 10 Yukon (Province
03 New Brunswick 07 Saskatchewan 11 NWT Unspecified)

04 Quebec 08 Alberta 12 Newfoundland

BRITISH: WESTERN HEMISPHERE

18 Other British possessions in America

BRITISH ISLES

20 Britain 22 N. Ireland 24 Scotland 26 Lesser Isles

21 England 23 Irish Free State 25 Wales

BRITISH POSSESSIONS AND OTHER COMMONWEALTH COUNTRIES

31 Australia & Terr 35 India 32 New Zealand 35 Pakistan

33 S&SW Africa 36 Other British Asia

34 Other British Africa 37 Other British

AMERICAN COUNTRIES

41 U.S.A. 43 Other N. Amer. 45 South American

42 Mexico 44 Central American

EUROPEAN COUNTRIES

58 Finland 64 Iceland 71 Roumania 51 Albania 72 Spain 59 France 65 Italy 52 Austria 73 Sweden 66 Latvia 53 Belgium 60 Germany 67 Lithuania 74 Switzerland 61 Greece 54 Bulgaria 75 Yugoslavia 55 Czechoslovakia 62 Holland 68 Norway (Netherlands) 69 Poland 76 Other Europe 56 Denmark

57 Estonia 63 Hungary 70 Portugal 77 U.S.S.R.

ASIATIC COUNTRIES

82 China 84 Syria 86 Other Asiatic

83 Japan 85 Turkey

AFRICAN & OTHER

91 African (not 93 Other countries 98 At Sea

British) 96 Palestine, Israel

Blank - Not Stated

N.B.:

ALL VITAL STATISTICS PLACE CODES ARE IN THE PROCESS OF CHANGING OVER TO THE STANDARD GEOGRAPHIC CODE (SGC) FROM 1989. THIS MEANS A CHANGE TO A FIELD LENGTH OF 3 (NUMERIC).

THE NEXT UPDATE OF THIS PACKAGE WILL CONTAIN THE NEW SGC CODES FOR USE FOR ALL PLACE CODES.

YOU MAY WISH TO SET UP YOUR FILE ACCORDINGLY.

, .

PROVINCE/COUNTRY CODES: (ALPHABETICAL)

(FOR NUMERICAL LIST SEE PAGE 34)

CANADA

08 Alberta 03 New Brunswick 05 Ontario 10 Yukon

09 BC 12 Newfoundland 01 PEI 17 Canada D2 Nova Scotia 04 Quebec

06 Manitoba 11 NWT 07 Saskatchewan

BRITISH: WESTERN HEMISPHERE

18 Other British Possessions in America

BRITISH ISLES

20 Britain 23 Irish Free State 22 N. Ireland 25 Wales

21 England 26 Lesser Isles 24 Scotland

BRITISH POSSESSIONS AND OTHER COMMONWEALTH COUNTRIES

31 Australia & Terr 34 Other British Africa 35 India 36 Other British Asia

32 New Zealand 35 Pakistan 37 Other British 33 S&W Africa

AMERICAN COUNTRIES

44 Central Amer. 43 Other N. Amer. 41 U.S.A.

42 Mexico 45 South American

EUROPEAN COUNTRIES

64 Iceland 70 Portugal 51 Albania 58 Finland 65 Italy 71 Roumania 52 Austria 59 France 66 Latvia 72 Spain 53 Belgium 60 Germany 54 Bulgaria 61 Greece 67 Lithuania 73 Sweden 74 Switzerland 68 Norway 55 Czechoslovakia 62 Holland

56 Denmark (Netherlands) 76 Other Europe 77 U.S.S.R. 57 Estonia 63 Hungary 69 Poland 75 Yugoslavia

ASIATIC COUNTRIES

82 China 84 Syria 86 Other Asiatic

83 Japan 85 Turkey

AFRICAN & OTHER

91 African (not 93 Other countries 98 At Sea

British) 96 Palestine, Israel

Blank - Not Stated

FIELD: BIRTH CITY

SUGGESTED FIELD LENGTH: 10

TYPE: ALPHABETIC

REFERS TO REPONDENT'S BIRTH CITY.

ENTER BIRTH CITY IN FULL. KEY IN A MAXIMUM OF 10 CHARACTERS.

SEE THE STATISTICS CANADA PLACE NAME ABBREVIATIONS ON PAGE 37.

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EDITS:

MUST BE ALPHABETIC OR BLANK. MUST BE UPPER CASE.

PLACE NAME ABBREVIATIONS

B	BAY, BAIE	L	LAKE, LAC	PR	PRINCE
CEN	CENTRAL	LOW	LOWER	R	RIVER, RIVIERE
E	EAST, EST	MID	MIDDLE	ST	SAINT
FT	FORT	MT	MOUNT, MONT	STE	SAINTE
F	FRONT	N	NORTH, NORD	S	SOUTH, SUD
GR	GRAND, GRANDE	ND	NOTRE DAME	Т	TOWNSHIP
I R	INDIAN RESERVE	0	OUEST	UPP	UPPER
F	ISLE, ILE,	PNT	POINT	W	WEST
	ICLAND	DT	POPT		

Examples:

E YORK
FT MCMURRAY
PNT CLAIRE
PR ALBERT
ST BON-IFACE

FIELD: FATHER'S SURNAME

SUGGESTED FIELD LENGTH: MINIMUM 10

(MINIMUM 21 IF DOUBLE SURNAME INCLUDED)

TYPE: ALPHABETIC

REFERS TO FATHER'S SURNAME.

DOUBLE SURNAMES -

KEY USING THE HYPHENATED FORM (i.e. THE TWO NAMES JOINED TOGETHER WITH A HYPHEN).

EXAMPLE: WILSON-TAYLOR

PREFIXED SURNAMES -

KEY WITHOUT SPACING OR PUNCTUATION. ABBREVIATE SAINT TO ST,

SAINTE TO STE.

EXAMPLE: VON WILLIAMS BECOMES VONWILLIAMS

O'REILLY BECOMES OREILLY
DE, LUCA BECOMES DELUCA
MacDONALD BECOMES MACDONALD

ST JEAN BECOMES STJEAN

SUFFIXED SURNAMES -

OMIT ALTOGETHER SUFFIXES SUCH AS JR AND SR. (ESPECIALLY, DO NOT CONFUSE THESE WITH GIVEN NAMES OR INITIALS).

EDITS:

-MUST BE ALPHABETIC.

- IF VALID HYPHENATED SURNAMES (EG: SMITH-JONES) ENSURE HYPHEN IS ENTERED.

FIELD: FATHER'S FIRST GIVEN NAME

SUGGESTED FIELD LENGTH: 9

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF FIRST GIVEN NAME AS ENTERED ON LEGAL DOCUMENTS.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE FIRST GIVEN NAME -

OMIT ANY HYPHENS.

IF GIVEN2 IS BLANK, CODE SECOND PART OF FIRST GIVEN NAME IN GIVEN2.

INCLUDE DOUBLE NAME, WITH SPACE, IN GIVEN1 IF GIVEN2 IS NOT BLANK.

WITH PREFIXES -

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EXAMPLE: O'HANNES BECOMES

BECOMES OHANNES

MAC KENZIE BECOMES

MACKENZIE

LE ROY

BECOMES LEROY

NOTE: IF INITIALS ONLY ARE AVAILABLE FOR THIS FIELD, FOR ALL RECORDS IN THE FILE, ENTER INITIAL AND REDUCE THIS FIELD LENGTH TO 1.

- -MUST BE ALPHABETIC OR BLANK.
- -ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE RECORDED IN THEIR RESPECTIVE FIELDS.
- -IGNORE ANY PERIODS.

FIELD: FATHER'S SECOND GIVEN NAME

SUGGESTED FIELD LENGTH: 7

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF SECOND GIVEN NAME.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE SECOND GIVEN NAME CODE DOUBLE NAME, WITH SPACE, IN GIVEN2.

WITH PREFIXES OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC
CHARACTERS AND CONCATENATE REMAINDER OF NAME.
EXAMPLE: O'HANNES BECOMES OHANNES

MAC KENZIE BECOMES MACKENZIE LE ROY BECOMES LEROY

IF INITIAL ONLY IS AVAILABLE ENTER THIS IN FIRST COLUMN.

NOTE: IF INITIALS ONLY ARE AVAILABLE FOR THIS FIELD, FOR ALL RECORDS IN THE FILE, ENTER INITIAL AND REDUCE THIS FIELD LENGTH TO 1.

- -MUST BE ALPHABETIC OR BLANK.
- -ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE RECORDED IN THEIR RESPECTIVE FIELDS.
- -IGNORE ANY PERIODS.

FIELD: FATHER'S BIRTH PLACE CODE

SUGGESTED FIELD LENGTH: 2

TYPE: NUMERIC

REFERS TO BIRTH PROVINCE/COUNTRY CODE OF RESPONDENT'S FATHER.

IF NECESSARY, PREPARE A PROGRAM TO AUTOMATICALLY CODE THE BIRTH PROVINCE/COUNTRY. SEE THE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35.

EDITS:

MUST BE A VALID NUMERIC CODE OR BLANK.

FIELD: FATHER'S BIRTH CITY

SUGGESTED FIELD LENGTH: 10

TYPE: ALPHABETIC

REFERS TO BIRTH CITY OF RESPONDENT'S FATHER.

ENTER BIRTH CITY IN FULL. KEY IN A MAXIMUM OF 10 CHARACTERS. SEE THE STATISTICS CANADA PLACE NAME ABBREVIATIONS ON PAGE 37.

EDITS:

MUST BE ALPHABETIC.

FIELD: FATHER'S BIRTH DATE

SUGGESTED FIELD LENGTH: 8 (4+2+2)

TYPE: NUMERIC

REFERS TO BIRTH DATE OF RESPONDENT'S FATHER.

YEAR - 4 NUMERIC CHARACTERS

- FIRST 2 DIGITS OF YEAR MUST BE THE CENTURY I.E. '19' OR '18'

- BLANK IF UNKNOWN

MONTH - 2 NUMERIC CHARACTERS

JANUARY	01	JULY07
FEBRUARY	02	AUGUST08
MARCH	03	SEPTEMBER09
APRIL	04	OCTOBER10
MAY	05	NOVEMBER11
JUNE	06	DECEMBER12
HMKNOWN	RIANK	

DAY - 2 NUMERIC CHARACTERS

- RIGHT JUSTIFY WITH LEADING ZERO WHERE APPROPRIATE
- VALUES 01-31

NOTE: IF FATHER'S BIRTH DATE IS AN ESTIMATE, ENTER THE INFORMATION THAT IS AVAILABLE IN THE PROPER LOCATION AND LEAVE THE OTHER POSITIONS BLANK. (EG: IF ONLY MONTH AND DAY ARE ENTERED, LEAVE THE YEAR BLANK).

- -MUST BE NUMERIC OR BLANK.
- -BE ALERT TO MONTHS EXCEEDING 12.
- -CHECK FOR INTERCHANGES OF MONTH AND DAY.
- -ENSURE THAT DAYS DO NOT EXCEED 31.

FIELD: MOTHER'S MAIDEN SURNAME

SUGGESTED FIELD LENGTH: MINIMUM 10

(MINIMUM 21 IF DOUBLE SURNAMES INCLUDED)

TYPE: ALPHABETIC

REFERS TO MOTHER'S SURNAME AT BIRTH OR ADOPTION.

DOUBLE SURNAMES -

KEY USING THE HYPHENATED FORM (i.e. THE TWO NAMES JOINED TOGETHER WITH A HYPHEN).

EXAMPLE: WILSON-TAYLOR

PREFIXED SURNAMES -

KEY WITHOUT SPACING OR PUNCTUATION. ABBREVIATE SAINT TO ST,

SAINTE TO STE.

EXAMPLE: VON WILLIAMS BECOMES VONWILLIAMS

O'REILLY BECOMES OREILLY
DE LUCA BECOMES DELUCA
MacDONALD BECOMES MACDONALD

ST JEAN BECOMES STJEAN

⁻MUST BE ALPHABETIC.

⁻ALL UPPER CASE

⁻IF VALID HYPHENATED SURNAMES (EG: SMITH-JONES) ENSURE HYPHEN IS ENTERED.

FIELD: MOTHER'S FIRST GIVEN NAME

SUGGESTED FIELD LENGTH: 9

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF FIRST GIVEN NAME AS ENTERED ON LEGAL DOCUMENTS.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE FIRST GIVEN NAME -

OMIT ANY HYPHENS.

IF GIVEN2 IS BLANK, CODE SECOND PART OF FIRST GIVEN NAME IN GIVEN2.

INCLUDE DOUBLE NAME, WITH SPACE, IN GIVEN1 IF GIVEN2 IS NOT BLANK.

WITH PREFIXES -

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EXAMPLE: O'HANNES

BECOMES

OHANNES

MAC KENZIE BECOMES MACKENZIE

LE ROY BECOMES LERQY

NOTE: REGARD 'JO' AS A PREFIX AND CONCATENATE AS ABOVE -EXAMPLE: JO ANNE BECOMES JOANNE

IF INITIAL ONLY IS AVAILABLE ENTER THIS IN FIRST COLUMN.

NOTE: IF INITIALS ONLY ARE AVAILABLE FOR THIS FIELD, FOR ALL RECORDS IN THE FILE, ENTER INITIAL AND REDUCE THIS FIELD LENGTH TO 1.

- -MUST BE ALPHABETIC OR BLANK.
- -ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE RECORDED IN THEIR RESPECTIVE FIELDS.
- -IGNORE ANY PERIODS.

FIELD: MOTHER'S SECOND GIVEN NAME

SUGGESTED FIELD LENGTH: 7

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF SECOND GIVEN NAME.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE SECOND GIVEN NAME CODE DOUBLE NAME, WITH SPACE, IN GIVEN2.

WITH PREFIXES -

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EXAMPLE: O'HANNES BECOMES

OHANNES Mackenzie

MAC KENZIE BECOMES

LE ROY BECOMES LEROY

NOTE: REGARD 'JO' AS A PREFIX AND CONCATENATE AS ABOVE -

EXAMPLE: JO ANNE BECOMES JOANNE

IF INITIAL ONLY IS AVAILABLE ENTER THIS IN FIRST COLUMN.

NOTE: IF INITIALS ONLY ARE AVAILABLE FOR THIS FIELD, FOR ALL RECORDS IN THE FILE, ENTER INITIAL AND REDUCE THIS FIELD LENGTH TO 1.

- -MUST BE ALPHABETIC OR BLANK.
- -ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE RECORDED IN THEIR RESPECTIVE FIELDS.
- -IGNORE PERIODS.

FIELD: MOTHER'S BIRTH PLACE CODE

SUGGESTED FIELD LENGTH: 2

TYPE: NUMERIC

REFERS TO BIRTH PROVINCE/COUNTRY CODE OF RESPONDENT'S MOTHER.

IF NECESSARY, PREPARE A PROGRAM TO AUTOMATICALLY CODE THE BIRTH PROVINCE/COUNTRY. SEE THE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35.

EDITS:

MUST BE VALID NUMERIC CODE OR BLANK.

FIELD: MOTHER'S BIRTH CITY

SUGGESTED FIELD LENGTH: 10

TYPE: ALPHABETIC

REFERS TO BIRTH CITY OF RESPONDENT'S MOTHER.

ENTER BIRTH CITY IN FULL. KEY IN A MAXIMUM OF 10 CHARACTERS. SEE THE STATISTICS CANADA PLACE NAME ABBREVIATIONS ON PAGE 37.

EDITS:

MUST BE ALPHABETIC OR BLANK.

FIELD: MOTHER'S BIRTH DATE

SUGGESTED FIELD LENGTH: 8 (4+2+2)

TYPE: NUMERIC

REFERS TO BIRTH DATE OF RESPONDENT'S MOTHER.

YEAR - 4 NUMERIC CHARACTERS

- FIRST 2 DIGITS OF YEAR MUST BE THE CENTURY I.E. '19' OR '18'

- BLANK IF UNKNOWN

MONTH - 2 NUMERIC CHARACTERS

JANUARY01	JULY07
FEBRUARY02	AUGUST08
MARCH03	SEPTEMBER03
APRIL04	OCTOBER10
MAY	NOVEMBER11
JUNE06	DECEMBER12
UNKNOWNBLANK	

DAY - 2 NUMERIC CHARACTERS

- RIGHT JUSTIFY WITH LEADING ZERO WHERE APPROPRIATE
- VALUES 01-31

NOTE: IF MOTHER'S BIRTH DATE IS ONLY PARTIALLY AVAILABLE, ENTER THE INFORMATION THAT IS AVAILABLE IN THE PROPER LOCATION AND LEAVE THE OTHER POSITIONS BLANK. (EG: IF ONLY MONTH AND DAY ARE AVAILABLE, LEAVE THE YEAR BLANK).

⁻MUST BE NUMERIC OR BLANK.

⁻BE ALERT TO MONTHS EXCEEDING 12.

⁻CHECK FOR INTERCHANGES OF MONTH AND DAY.

⁻ENSURE THAT DAYS DO NOT EXCEED 31.

FIELD: SPOUSE'S BIRTH SURNAME

SUGGESTED FIELD LENGTH: MINIMUM 10

(MINIMUM 21 IF DOUBLE SURNAMES INCLUDED)

TYPE: ALPHABETIC

REFERS TO BIRTH SURNAME OF RESPONDENT'S SPOUSE.

DOUBLE SURNAMES - KEY USING THE HYPHENATED FORM (i.e. THE TWO NAMES JOINED TOGETHER WITH A HYPHEN).

EXAMPLE: WILSON-TAYLOR

PREFIXED SURNAMES -

KEY WITHOUT SPACING OR PUNCTUATION. ABBREVIATE SAINT TO ST.

SAINTE TO STE.

EXAMPLE: VON WILLIAMS BECOMES VONWILLIAMS

O'REILLY BECOMES OREILLY
DE LUCA BECOMES DELUCA
MacDONALD BECOMES MACDONALD
ST JEAN BECOMES STJEAN

EDITS:

-MUST BE ALPHABETIC.

-IF VALID HYPHENATED SURNAMES (EG: SMITH-JONES) ENSURE HYPHEN IS ENTERED.

FIELD: SPOUSE'S FIRST GIVEN NAME

SUGGESTED FIELD LENGTH: 9

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF FIRST GIVEN NAME AS ENTERED ON LEGAL DOCUMENTS.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE FIRST GIVEN NAME -

OMIT ANY HYPHENS.

IF GIVEN2 IS BLANK, CODE SECOND PART OF FIRST GIVEN NAME IN GIVEN2.

INCLUDE DOUBLE NAME, WITH SPACE, IN GIVEN1 IF GIVEN2 IS NOT BLANK.

WITH PREFIXES -

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EXAMPLE: O'HANNES

BECOMES OHANNES

MAC KENZIE BECOMES

MACKENZIE

LE ROY

BECOMES LEROY

NOTE: REGARD 'JO' AS A PREFIX AND CONCATENATE AS ABOVE - EXAMPLE: JO ANNE BECOMES JOANNE

IF INITIAL ONLY IS AVAILABLE ENTER THIS IN FIRST COLUMN.

NOTE: IF INITIALS ONLY ARE AVAILABLE FOR THIS FIELD, FOR ALL RECORDS IN THE FILE, ENTER INITIAL AND REDUCE THIS FIELD LENGTH TO 1.

- -MUST BE ALPHABETIC OR BLANK.
- -ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE RECORDED IN THEIR RESPECTIVE FIELDS.
- -IGNORE ANY PERIODS.

FIELD: SPOUSE'S SECOND GIVEN NAME

SUGGESTED FIELD LENGTH: 7

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF SECOND GIVEN NAME.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE SECOND GIVEN NAME CODE DOUBLE NAME, WITH SPACE, IN GIVEN2.

WITH PREFIXES -

OMIT ANY HYPHENS, APOSTROPHES OR OTHER NON-ALPHABETIC CHARACTERS AND CONCATENATE REMAINDER OF NAME.

EXAMPLE: O'HANNES BECOMES

OHANNES

MAC KENZIE BECOMES

MACKENZIE

LE ROY BECOMES

COMES LEROY

NOTE: REGARD 'JO' AS A PREFIX AND CONCATENATE AS ABOVE -

EXAMPLE: JO ANNE BECOMES JOANNE

IF INITIAL ONLY IS AVAILABLE ENTER THIS IN FIRST COLUMN.

NOTE: IF INITIALS ONLY ARE AVAILABLE FOR THIS FIELD, FOR ALL RECORDS IN THE FILE, ENTER INITIAL AND REDUCE THIS FIELD LENGTH TO 1.

- -MUST BE ALPHABETIC OR BLANK.
- -ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE RECORDED IN THEIR RESPECTIVE FIELDS.
- -IGNORE ANY PERIODS.

FIELD: SPOUSE'S BIRTH PLACE CODE

SUGGESTED FIELD LENGTH: 2

TYPE: NUMERIC

REFERS TO BIRTH PROVINCE/COUNTRY CODE OF RESPONDENT'S SPOUSE.

IF NECESSARY, PREPARE A PROGRAM TO AUTOMATICALLY CODE THE BIRTH PROVINCE/COUNTRY. SEE THE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35.

EDITS:

MUST BE VALID NUMERIC CODE OR BLANK.

FIELD: SPOUSE'S BIRTH CITY

SUGGESTED FIELD LENGTH: 10

TYPE: ALPHABETIC

REFERS TO BIRTH CITY OF RESPONDENT'S SPOUSE.

ENTER BIRTH CITY IN FULL. KEY IN A MAXIMUM OF 10 CHARACTERS. SEE THE STATISTICS CANADA PLACE NAME ABBREVIATIONS ON PAGE 37.

EDITS:

MUST BE ALPHABETIC OR BLANK.

FIELD: SPOUSE'S BIRTH DATE

SUGGESTED FIELD LENGTH: 8 (4+2+2)

TYPE: NUMERIC

REFERS TO BIRTH DATE OF RESPONDENT'S SPOUSE.

YEAR - 4 NUMERIC CHARACTERS

- FIRST 2 DIGITS OF YEAR MUST BE THE CENTURY I.E. '19' OR '18'

- BLANK IF UNKNOWN

MONTH - 2 NUMERIC CHARACTERS

JANUARY01	JULY07
FEBRUARY02	AUGUST08
MARCH3	SEPTEMBER09
APRIL04	OCTOBER10
MAY	NOVEMBER11
JUNE06	DECEMBER12
UNKNOWNBLANK	

DAY - 2 NUMERIC CHARACTERS

- RIGHT JUSTIFY WITH LEADING ZERO WHERE APPROPRIATE
- VALUES 01-31

NOTE: IF SPOUSE'S BIRTH DATE IS ONLY PARTIALLY AVAILABLE, ENTER THE INFORMATION THAT IS AVAILABLE IN THE PROPER LOCATION AND LEAVE THE OTHER POSITIONS BLANK. (EG: IF ONLY MONTH AND DAY ARE AVAILABLE, LEAVE THE YEAR BLANK).

⁻MUST BE NUMERIC OR BLANK.

⁻BE ALERT TO MONTHS EXCEEDING 12.

⁻CHECK FOR INTERCHANGES OF MONTH AND DAY.

⁻ENSURE THAT DAYS DO NOT EXCEED 31.

FIELD: MARRIAGE PLACE CODE

SUGGESTED FIELD LENGTH: 2.

TYPE: NUMERIC

REFERS TO MARRIAGE PROVINCE IF IN CANADA, OR COUNTRY IF NOT CANADA.

IF NECESSARY, PREPARE A PROGRAM TO AUTOMATICALLY CODE THE PROVINCE/COUNTRY. SEE THE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35.

EDITS:

MUST BE A VALID NUMERIC CODE OR BLANK.

FIELD: MARRIAGE DATE

SUGGESTED FIELD LENGTH: 8 (4+2+2)

TYPE: NUMERIC

REFERS TO MARRIAGE DATE OF RESPONDENT.

YEAR - 4 NUMERIC CHARACTERS

- FIRST 2 DIGITS OF YEAR MUST BE THE CENTURY I.E. '19' OR '18'
- BLANK IF UNKNOWN
- MONTH 2 NUMERIC CHARACTERS

JANUARY01	JULY07
FEBRUARY02	AUGUST08
MARCH3	SEPTEMBER09
APRIL04	OCTOBER10
MAY	NOVEMBER11
JUNE06	DECEMBER12
MIANTO DI ANIV	

UNKNOWN....BLANK

DAY - 2 NUMERIC CHARACTERS

- RIGHT JUSTIFY WITH LEADING ZERO WHERE APPROPRIATE
- VALUES 01-31

- -MUST BE NUMERIC OR BLANK.
- -BE ALERT TO MONTHS EXCEEDING 12.
- -CHECK FOR INTERCHANGES OF MONTH AND DAY.
- -ENSURE THAT DAYS DO NOT EXCEED 31.

FIELD: SOCIAL INSURANCE NUMBER

SUGGESTED FIELD LENGTH: 9

TYPE: NUMERIC

REFERS TO SOCIAL INSURANCE NUMBER OF RESPONDENT.

KEY IN 9 NUMERIC CHARACTERS. IGNORE HYPHENS IN THE NUMBER EG: KEY 999-999-999 AS 999999999.

⁻MUST BE NUMERIC OR BLANK.

⁻MUST BE VALID SOCIAL INSURANCE NUMBER.

⁻IF POSSIBLE INCLUDE AN EDIT PROGRAM TO CHECK THAT A VALID SOCIAL INSURANCE NUMBER HAS BEEN ENTERED.

FIELD: PROVINCIAL HEALTH INSURANCE NUMBER

SUGGESTED FIELD LENGTH: 12 (2+10)

TYPE: NUMERIC

REFERS TO THE RESPONDENT'S HEALTH OR HOSPITAL INSURANCE PLAN NUMBER.

KEY THE FIRST 2 DIGITS AS THE PROVINCE CODE (SEE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35).

ENTER THE HEALTH INSURANCE NUMBER IN THE FOLLOWING POSITIONS. THE LENGTH OF THIS FIELD WILL DEPEND ON THE RELEVENT PROVINCIAL NUMBERS. ADJUST FIELD LENGTH AS NECESSARY.

LEFT JUSTIFY THE ENTRY.

EDITS:

MUST BE NUMERIC, A VALID NUMERIC CODE OR BLANK.

FIELD: PERMANENT HOME ADDRESS PROVINCE CODE

SUGGESTED FIELD LENGTH: 2

TYPE: NUMERIC

REFERS TO PROVINCE/COUNTRY CODE OF INDIVIDUAL'S PERMANENT HOME ADDRESS.

IF NECESSARY, PREPARE A PROGRAM TO AUTOMATICALLY CODE THE HOME ADDRESS PROVINCE. SEE THE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35.

EDITS:

-MUST BE VALID NUMERIC CODE OR BLANK.

FIELD: PERMANENT HOME ADDRESS

SUGGESTED FIELD LENGTH: 46 (20+10+10+6)

TYPE: ALPHABETIC/NUMERIC

REFERS TO RESPONDENT'S PERMANENT HOME ADDRESS.

IF USING THE SUGGESTED FIELD LENGTHS, DATA ENTER AS FOLLOWS:

STREET - 20 ALPHA/NUMERIC

- KEY 20 POSITIONS AS THE STREET ADDRESS
- LEFT JUSTIFY THE ENTRY AND IF THE STREET ADDRESS DOES NOT FILL 20 POSITIONS LEAVE THE REMAINDER BLANK

CITY - 10 ALPHA

- ENTER THE CITY OF RESIDENCE IN THE NEXT 10 POSITIONS
- KEY IN A MAXIMUM OF 10 CHARACTERS
- LEFT JUSTIFY
- IF LESS THAN 10 CHARACTERS LEAVE REMAINDER BLANK

PROV - 10 ALPHA

- ENTER THE PROVINCE OR COUNTRY OF RESIDENCE IN THE NEXT 10 POSITIONS
- KEY IN A MAXIMUM OF 10 CHARACTERS
- LEFT JUSTIFY
- IF LESS THAN 10 CHARACTERS LEAVE REMAINDER BLANK

POSTAL CODE - 6 ALPHA/NUMERIC

- ENTER THE POSTAL CODE IN THE REMAINING 6 POSITIONS

⁻MUST BE ALPHABETIC, NUMERIC OR BLANK.

⁻ENSURE ENTRIES ARE MADE IN CORRECT PART OF FIELD.

FIELD: PENSION PLAN NUMBER

SUGGESTED FIELD LENGTH: 8?

TYPE: ALPHABETIC/NUMERIC?

REFERS TO THE COMPANY OR ORGANIZATION PENSION PLAN NUMBER.

LENGTH AND TYPE WILL BE UNIQUE TO INDIVIDUAL COMPANIES.

FIELD: WORK HISTORY - HIRE DATES

SUGGESTED FIELD LENGTH: 6 (2+2+2)

TYPE: NUMERIC

IF MORE THAN ONE EMPLOYMENT PERIOD WITH THE ORGANIZATION, MAY NEED MORE THAN ONE HIRE FIELD. ENTER IN CHRONOLOGICAL SEQUENCE BEGINNING WITH THE FIRST PERIOD.

YEAR - 2 NUMERIC CHARACTERS

- ENTER A 2 DIGIT NUMBER FOR HIRE YEAR
- IGNORE THE CENTURY

MONTH - 2 NUMERIC CHARACTERS

JANUARY01	JULY07
FEBRUARY02	AUGUST08
MARCH03	SEPTEMBER09
APRIL04	OCTOBER10
MAY	NOVEMBER11
JUNE06	DECEMBER12
UNKNOWNBLANK	

- DAY 2 NUMERIC CHARACTERS
 - ENTER A 2 DIGIT NUMBER FOR HIRE DAY WITH LEADING ZERO WHERE 09 OR LESS.
 - VALUES 01-31

IF ANY INFORMATION IS UNKNOWN, LEAVE THE APPROPRIATE POSITIONS BLANK.

- -MUST BE NUMERIC OR BLANK.
- -BE ALERT TO MONTHS EXCEEDING 12.
- -CHECK FOR INTERCHANGES OF MONTH AND DAY.
- -ENSURE THAT DAYS DO NOT EXCEED 31.

FIELD: WORK HISTORY - TERMINATION DATES

SUGGESTED FIELD LENGTH: 6 (2+2+2)

TYPE: NUMERIC

IF MORE THAN ONE EMPLOYMENT PERIOD WITH THE ORGANIZATION, MAY NEED MORE THAN ONE TERMINATION FIELD. ENTER IN CHRONOLOGICAL SEQUENCE BEGINNING WITH THE FIRST PERIOD.

YEAR - 2 NUMERIC CHARACTERS

- ENTER A 2 DIGIT NUMBER FOR TERMINATION YEAR

- IGNORE THE CENTURY

MONTH - 2 NUMERIC CHARACTERS

- ENTER A 2 DIGIT CODE FOR TERMINATION MONTH

- SEE MONTH CODES IN THE HIRE DATE FIELD: PAGE 63

DAY - 2 NUMERIC CHARACTERS

- ENTER A 2 DIGIT NUMBER FOR TERMINATION DAY WITH LEADING ZERO WHERE 09 OR LESS.

IF ANY INFORMATION IS UNKNOWN, LEAVE THE APPROPRIATE POSITIONS BLANK.

THIS DATE MAY ALSO BE USED AS THE LAST KNOWN ALIVE DATE.

⁻MUST BE NUMERIC OR BLANK.

⁻MONTHS MUST NOT EXCEED 12.

⁻DAYS MUST NOT EXCEED 31.

⁻CHECK FOR INTERCHANGES OF MONTH AND DAY.

FIELD: VITAL STATUS

SUGGESTED LENGTH: 1

TYPE: NUMERIC

REFERS TO THE VITAL STATUS OF THE RESPONDENT.

CODE	DESCRIPTION	
1	KNOWN ALIVE	
2	KNOWN DEAD	
9	STATUS UNKNOWN	

NOTE: OTHER CODES MAY BE ADDED AS NECESSARY, FOR EXAMPLE: CODE 3 - SUSPECTED DEAD.

EDITS:

MUST BE VALID NUMERIC CODE (E.G. 1,2 OR 9).

FIELD: SOURCE OF INFORMATION

SUGGESTED LENGTH: 1

TYPE: NUMERIC

REFERS TO THE SOURCE OF THE VITAL STATUS INFORMATION.

CODE	DESCRIPTION
1	COMPANY PENSION RECORDS
2	CURRENT COMPANY FILES (PERSONNEL OR OTHER)
3	VITAL STATISTICS SOURCE (EG: DEATH CERTIFICATE)
4	PERSONAL CONTACT
5	OTHER SOURCE: SPECIFY (EG: VEHICLE REGISTRATION - YEAR OF ISSUE OR DRIVERS LICENCE)

NOTE: - IF MORE THAN ONE SOURCE APPLIES, ENTER THE MORE RELIABLE ONE.

- ADD OTHER SOURCE CODES AS NECESSARY.

EDITS:

MUST BE VALID NUMERIC RANGE OF CODES (EG: 1-5).

FIELD: LAST KNOWN YEAR ALIVE

SUGGESTED FIELD LENGTH: 4

TYPE: NUMERIC

ENTER LAST KNOWN YEAR OF CONTACT.
INCLUDE 2 DIGITS FOR CENTURY AND 2 DIGITS FOR YEAR.

IN MOST CASES THIS WILL BE THE DATE OF TERMINATION.

IF CONTACT HAS BEEN MADE WITH AN EMPLOYEE AFTER TERMINATION ENTER THAT YEAR.

IF EMPLOYEE IS KNOWN DEAD, RECORD YEAR OF DEATH.

EDITS:

-MUST BE NUMERIC OR BLANK.

FIELD: LAST KNOWN ADDRESS PROVINCE/COUNTRY CODE

SUGGESTED FIELD LENGTH: 2

TYPE: NUMERIC

REFERS TO PROVINCE/COUNTRY CODE OF INDIVIDUAL'S LAST KNOWN ADDRESS.

IF ADDRESS IS THE SAME AS PERMANENT HOME ADDRESS IN FIELDS 39-40 (PAGES 60-61) THEN LEAVE BLANK.

OTHERWISE PREPARE A PROGRAM TO AUTOMATICALLY CODE THE PROVINCE/COUNTRY OF THE LAST KNOWN ADDRESS.

SEE THE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35.

EDITS:

-MUST BE VALID NUMERIC CODE OR BLANK

FIELD: LAST KNOWN ADDRESS

SUGGESTED FIELD LENGTH: 46 (20+10+10+6)

TYPE: ALPHABETIC/NUMERIC

ENTER LAST KNOWN ADDRESS. IF ADDRESS IS THE SAME AS PERMANENT HOME ADDRESS ENTERED IN FIELD 40 (PAGE 61), THEN LEAVE BLANK.

IF USING THE SUGGESTED FIELD LENGTHS, DATA ENTER AS FOLLOWS:

STREET - 20 ALPHA/NUMERIC

- KEY 20 POSITIONS AS THE STREET ADDRESS
- LEFT JUSTIFY THE ENTRY AND IF THE STREET ADDRESS
 DOES NOT FILL 20 POSITIONS LEAVE THE REMAINDER BLANK

CITY - 10 ALPHA

- ENTER THE CITY OF RESIDENCE IN THE NEXT 10 POSITIONS
- KEY IN A MAXIMUM OF 10 CHARACTERS
- LEFT JUSTIFY
- IF LESS THAN 10 CHARACTERS LEAVE REMAINDER BLANK

PROV - 10 ALPHA

- ENTER THE PROVINCE OR COUNTRY OF RESIDENCE IN THE NEXT 10 POSITIONS
- KEY IN A MAXIMUM OF 10 CHARACTERS
- LEFT JUSTIFY
- IF LESS THAN 10 CHARACTERS LEAVE REMAINDER BLANK

POSTAL CODE - 6 ALPHA/NUMERIC

- ENTER THE POSTAL CODE IN THE REMAINING 6 POSITIONS

EDITS:

-MUST BE ALPHABETIC, NUMERIC OR BLANK.

-ENSURE ENTRIES ARE MADE IN CORRECT PART OF FIELD.

FIELD: DATE OF DEATH

SUGGESTED FIELD LENGTH: 8 (4+2+2)

TYPE: NUMERIC

ENTER RESPONDENT'S DATE OF DEATH.

YEAR - 4 NUMERIC CHARACTERS

- FIRST 2 DIGITS OF YEAR MUST BE THE CENTURY I.E. '19', '18' OR '20'
- BLANK IF UNKNOWN
- MONTH 2 NUMERIC CHARACTERS

JANUARY	01	JULY07
FEBRUARY	02	AUGUST08
MARCH	03	SEPTEMBER09
APRIL	04	OCTOBER10
MAY	05	NOVEMBER11
JUNE	06	DECEMBER12
THERMOUN	DIAME	

UNKNOWN.....BLANK

- DAY 2 NUMERIC CHARACTERS
 - RIGHT JUSTIFY WITH LEADING ZERO WHERE APPROPRIATE
 - VALUES 01-31

IF ONLY YEAR IS AVAILABLE, CODE FIRST 4 DIGITS FOR YEAR AND LEAVE REMAINING 4 POSITIONS BLANK.

- -MUST BE NUMERIC OR BLANK.
- -BE ALERT TO MONTHS EXCEEDING 12.
- -CHECK FOR INTERCHANGES OF MONTH AND DAY.
- -ENSURE THAT DAYS DO NOT EXCEED 31.

FIELD: PLACE OF DEATH CODE

SUGGESTED FIELD LENGTH: 2

TYPE: NUMERIC

REFERS TO RESPONDENT'S PROVINCE/COUNTRY OF DEATH WHERE KNOWN.

IF NECESSARY, PREPARE A PROGRAM TO AUTOMATICALLY CODE THE DEATH PROVINCE/COUNTRY. SEE THE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35.

EDITS:

MUST BE VALID NUMERIC CODE OR BLANK.

FIELD: CITY OF DEATH

SUGGESTED FIELD LENGTH: 10

TYPE: ALPHABETIC

REFERS TO RESPONDENT'S CITY OF DEATH.

ENTER THE CITY IN FULL. KEY IN A MAXIMUM OF 10 CHARACTERS. SEE THE STATISTICS CANADA PLACE NAME ABBREVIATIONS ON PAGE 37.

EDITS:

MUST BE ALPHABETIC OR BLANK.

FIELD: DEATH CERTIFICATE NUMBER

SUGGESTED FIELD LENGTH: 10 (2 + 2 + 6)

TYPE: NUMERIC

ENTER THE DEATH CERTIFICATE NUMBER WHERE AVAILABLE. IT MAY BE NECESSARY TO OBTAIN THIS INFORMATION FROM THE PERSONNEL BENEFITS DEPARTMENT.

DEATH CERTIFICATE NUMBER -

- ENTER FIRST 2 DIGITS AS YEAR OF DEATH (VALID NUMBERS 00-99)
- ENTER NEXT 2 DIGITS AS PROVINCE OF DEATH CODED (SEE PROVINCE/ COUNTRY CODES PAGES 34-35).
- ENTER THE CERTIFICATE NUMBER IN REMAINING 6 POSITIONS

EDITS:

MUST BE NUMERIC OR BLANK.

FIELD: CAUSE OF DEATH

SUGGESTED FIELD LENGTH: 4 (MINIMUM)

TYPE: NUMERIC (IF CODED)
ALPHABETIC (IF TEXT USED)

ENTER THE UNDERLYING CAUSE OF DEATH IF KNOWN.

IF YOU WISH TO MAINTAIN ADDITIONAL CAUSES OF DEATH, EXTEND THE FIELD LENGTH ACCORDINGLY.

IT MAY BE NECESSARY TO OBTAIN THIS INFORMATION FROM THE PERSONNEL BENEFITS DEPARTMENT.

UNDERLYING CAUSE OF DEATH (ICD CODE*) - 4 NUMERIC.

- CODE THE UNDERLYING CAUSE SHOWN ON THE DEATH CERTIFICATE USING THE RULES AND DEFINITIONS FOUND IN THE INTERNATIONAL CLASSIFICATION OF DISEASE (ICD) MANUALS.

ASSUME AND OMIT THE DECIMAL BETWEEN THE THIRD AND FOURTH . DIGIT EG: ENTER 162.1 AS 1621

WHERE THE ICD CODE IS 3 DIGITS LEAVE THE 4TH COLUMN BLANK

I.E. FOR 436 ENTER 436

WHERE THE ICD CODE INCLUDES LEADING ZEROES ENTER THESE I.E. FOR 048 ENTER 048 FOR 002.0 ENTER 0020 FOR 052.2 ENTER 0522

IF DATA COLLECTION IS ON-GOING, USE THE ICD VERSION IN USE AT THE TIME THE DATA IS COLLECTED. IF A STUDY IS RETROSPECTIVE YOU MAY PREFER TO CODE AND USE ONLY ONE ICD VERSION THROUGH THE ENTIRE FILE REVIEW PROCESS.

IF ICD CODES ARE NOT KNOWN OR UNAVAILABLE,

- EXTEND THE LENGTH OF THE FIELD AND ENTER THE OFFICAL CAUSES OF DEATH IN FULL, IN DEATH CERTIFICATE FORMAT, OR
- ENTER IN FULL ANY CAUSE OF DEATH KNOWN INFORMALLY AND FLAG THIS ACCORDINGLY.

*SEE INTERNATIONAL CLASSIFICATION OF DISEASES, 9TH REVISION, VOLUME I, WORLD HEALTH ORGANIZATION.

FIELD: CAUSE OF DEATH (CONTINUED)

SUGGESTED FIELD LENGTH: 4 (MINIMUM)

TYPE: NUMERIC (IF CODED)
ALPHABETIC (IF TEXT USED)

ACCIDENT, INJURY OR POISONING:

IF DEATH IS DUE TO AN ACCIDENT, INJURY OR POISONING:
USE THE EXTERNAL CAUSE "E" CODES IN THE RANGE E800-E999
(4 NUMERIC - OMIT THE "E" WHEN CODING) ALONG WITH THE NATURE OF
INJURY CODES FROM THE INJURY AND POISONING CHAPTER 800-999
(4 NUMERIC) AND EXTEND THE FIELD LENGTH ACCORDINGLY

EG: FOR DEATH FROM A "CRANE CAUSING CRUSHING OF MULTIPLE SITES AT A CONSTRUCTION SITE" ENTER:

(E) 9192

3

9290

EXTERNAL CAUSE (OMIT "E" AND

*PLACE OF OCCURRENCE

NATURE OF INJURY CODE (OMIT DECIMAL POINT)

DECIMAL POINT)

*NOTE:

PLACE OF OCCURRENCE:
USE 1 DIGIT CLASSIFICATION WITH CATEGORIES E850 - E869 AND
E880 - E928 TO DENOTE THE PLACE WHERE THE ACCIDENT OR POISONING
OCCURRED.

SEE CODES AFTER E848, PAGE 569 IN ICD9 VOLUME 1 MANUAL.

EDITS:

IF CODED: MUST BE NUMERIC OR BLANK, OR NUMERIC WITH LAST DIGIT BLANK.

ENSURE IF CODING ACCIDENT ETC. THAT THE "E" CODES (PAGE 547 ICD9, VOLUME 1) ARE USED. ENSURE NO DECIMAL POINT INCLUDED.

IF TEXT USED: MUST BE ALPHABETIC OR BLANK.

N.B: THE CANADIAN MORTALITY DATA BASE HOLDS: UNDERLYING CAUSE OF DEATH (4 NUMERIC)

OR, IF DEATH IS DUE TO AN ACCIDENT, INJURY OR POISONING:

THE EXTERNAL CAUSE OF DEATH (4 NUMERIC)
THE PLACE OF OCCURRENCE (1 NUMERIC)

AND THE NATURE OF INJURY

(4 NUMERIC)

APPENDIX A

CHILDREN

INDIVIDUAL IDENTITY SUMMARY

DATA DICTIONARY - CHILDREN

TABLE OF CONTENTS

FIELD DESCRIPTION	PAGE NO.	FIELD NO.
RECORD LAYOUT	79	
CHILD'S SURNAME	80	1
CHILD'S SURNAME AT BIRTH	81	2
CHILD'S FIRST GIVEN NAME	82	3
CHILD'S SECOND GIVEN NAME	83	4
CHILD'S SEX	84	5
CHILD'S BIRTH DATE	85	6
CHILD'S BIRTH PLACE CODE	86	7
CHILD'S BIRTH PLACE CITY	87	8
CHILD'S PARENTS	88	9
CHILD'S RELATIONSHIP TO YOU	89	10

RECORD-LAYOUT

RECOMMENDED FOR COHORT FILES WHICH NEED TO BE LINKED TO THE MORTALITY DATA BASE

<u>+====================================</u>					
PAGE	FIELD	SIZE	POSITION	TYPE	TITLE
80	1	21	1-21		FIRST CHILD'S SURNAME
81	2	21	22-42	А	FIRST CHILD'S SURNAME AT BIRTH
82	3	9	43-51	A	FIRST CHILD'S FIRST GIVEN NAME
83	4	7	52-58	А	FIRST CHILD'S SECOND GIVEN NAME
84	5	1	ETC.	N	FIRST CHILD'S SEX
85	6	8		N	FIRST CHILD'S BIRTH DATE
86.	7	2		N	FIRST CHILD'S BIRTH PLACE CODE
87	8	10		A/N	FIRST CHILD'S BIRTH PLACE CITY
88	9	1		N	FIRST CHILD'S PARENTS
89	10	1		N	FIRST CHILD'S RELATIONSHIP TO YOU

CONTINUE ADDING CHILDREN TO THE END OF THE RECORD FORMAT

FIELD: CHILD'S SURNAME

SUGGESTED FIELD LENGTH: MINIMUM 10

(MINIMUM 21 IF DOUBLE SURNAME)

TYPE: ALPHABETIC

REFERS TO CHILD'S PRESENT SURNAME.

CODING INSTRUCTIONS:

KEY AT LEAST 10 CHARACTERS FOR ALL SURNAMES HAVING 10 OR MORE.

USE UPPER CASE ONLY.

DOUBLE SURNAMES -

KEY USING THE HYPHENATED FORM (I.E. THE TWO NAMES JOINED TOGETHER

BECOMES STJEAN

WITH A HYPHEN).

EXAMPLE: WILSON-TAYLOR

ST JEAN

PREFIXED SURNAMES -

KEY WITHOUT SPACING OR PUNCTUATION. ABBREVIATE SAINT TO ST.

SAINTE TO STE.

EXAMPLE: VON WILLIAMS BECOMES VONWILLIAMS

O'REILLY BECOMES OREILLY
DE LUCA BECOMES DELUCA
MacDONALD BECOMES MACDONALD

EDITS:

-MUST BE ALPHABETIC.

-IF VALID HYPHENATED SURNAMES (EG: SMITH-JONES) ENSURE HYPHEN IS ENTERED.

FIELD: CHILD'S SURNAME AT BIRTH

SUGGESTED FIELD LENGTH: MINIMUM 10

(MINIMUM 21 IF DOUBLE SURNAME)

TYPE: ALPHABETIC

REFERS TO CHILD'S SURNAME AS SHOWN ON CHILD'S BIRTH CERTIFICATE IF DIFFERENT FROM PRESENT SURNAME. IF THIS FIELD IS NOT KNOWN THIS FIELD MAY INCLUDE EARLIEST SURNAME KNOWN THROUGH ADOPTION, LEGAL CHANGES ETC.

DOUBLE SURNAMES -

KEY USING THE HYPHENATED FORM (I.E. THE TWO NAMES JOINED TOGETHER WITH A HYPHEN).

EXAMPLE: WILSON-TAYLOR

PREFIXED SURNAMES -

KEY WITHOUT SPACING OR PUNCTUATION. ABBREVIATE SAINT TO ST,

SAINTE TO STE.

EXAMPLE: VON WILLIAMS BECOMES VONWILLIAMS

O'REILLY BECOMES OREILLY
DE LUCA BECOMES DELUCA
MacDONALD BECOMES MACDONALD
ST JEAN BECOMES STJEAN

⁻MUST BE ALPHABETIC.

⁻IF VALID HYPHENATED SURNAMES (EG: SMITH-JONES) ENSURE HYPHEN IS ENTERED.

FIELD: CHILD'S FIRST GIVEN NAME

SUGGESTED FIELD LENGTH: 9

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF FIRST GIVEN NAME AS ENTERED ON LEGAL DOCUMENTS.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE FIRST GIVEN NAMES -

OMIT ANY HYPHENS.

CODE WITH SPACE AS WRITTEN UP TO 9 CHARACTERS.

CODE IN GIVEN1 UNLESS GIVEN2 IS BLANK. IF BLANK,

CODE SECOND PART OF FIRST GIVEN NAME IN GIVEN2.

WITH PREFIXES -

OMIT ANY HYPHENS OR APOSTROPHES AND CONCATENATE REMAINDER OF

EXAMPLE: O'HANNES

BECOMES OHANNES

MAC KENZIE BECOMES MACKENZIE

LE ROY

BECOMES LEROY

NOTE: REGARD 'JO' AS A PREFIX AND CONCATENATE AS ABOVE -

EXAMPLE: JO ANNE BECOMES JOANNE

- -MUST BE ALPHABETIC OR BLANK.
- -IGNORE PERIODS.
- -ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE SEPARATED BY BLANKS AND RECORDED IN THEIR RESPECTIVE FIELDS.

FIELD: CHILD'S SECOND GIVEN NAME

SUGGESTED FIELD LENGTH: 7

TYPE: ALPHABETIC

REFERS TO FULL SPELLING OF SECOND GIVEN NAME.

DO NOT ABBREVIATE NAMES.

LEFT JUSTIFY THE ENTRY.

DOUBLE SECOND GIVEN NAMES -

OMIT ANY HYPHENS.

CODE WITH SPACE AS WRITTEN UP TO 7 CHARACTERS.

WITH PREFIXES -

OMIT ANY HYPHENS OR APOSTROPHES AND CONCATENATE REMAINDER OF NAME.

BECOMES OHANNES EXAMPLE: O'HANNES

MAC KENZIE BECOMES MACKENZIE

LE ROY BECOMES LEROY

NOTE: REGARD 'JO! AS A PREFIX AND CONCATENATE AS ABOVE -

EXAMPLE: JO ANNE BECOMES JOANNE

⁻MUST BE ALPHABETIC OR BLANK.

⁻IGNORE ANY PERIODS.

⁻ENSURE THAT IF INITIALS ONLY ARE AVAILABLE THAT THEY ARE SEPARATED BY BLANKS AND RECORDED IN THEIR RESPECTIVE FIELDS.

FIELD: CHILD'S SEX

SUGGESTED FIELD LENGTH: 1

TYPE: NUMERIC

REFERS TO THE GENDER OF THE CHILD.

IF POSSIBLE, ENSURE CODES '1' OR '2' ARE ENTERED.

CODE

DESCRIPTION

1

MALE

2

FEMALE

BLANK

NOT STATED/UNKNOWN

EDITS:

MUST BE CODES 1, 2 OR BLANK.

FIELD: CHILD'S BIRTH DATE

SUGGESTED FIELD LENGTH: 8 (4+2+2)

TYPE: NUMERIC

REFERS TO THE FULL BIRTH DATE OF THE CHILD.

YEAR - 4 NUMERIC CHARACTERS

- FIRST 2 DIGITS OF YEAR MUST BE THE CENTURY E.G. '19'

- BLANK IF UNKNOWN

MONTH - 2 NUMERIC CHARACTERS

JANUARY01	JULY07
FEBRUARY02	AUGUST08
MARCH03	SEPTEMBER09
APRIL04	OCTOBER10
MAY	NOVEMBER11
JUNE06	DECEMBER12
UNKNOWNBLANK	

DAY - 2 NUMERIC CHARACTERS

- RIGHT JUSTIFY WITH LEADING ZERO WHERE APPROPRIATE
- VALUES 01-31

- -MAY BE NUMERIC OR BLANK.
- -BE ALERT TO MONTHS EXCEEDING 12.
- -CHECK FOR INTERCHANGES OF MONTH AND DAY.
- -ENSURE THAT DAYS DO NOT EXCEED 31.

FIELD: CHILD'S BIRTH PLACE CODE

SUGGESTED FIELD LENGTH: 2

TYPE: NUMERIC

REFERS TO CHILD'S BIRTH PROVINCE/COUNTRY CODE.

IF NECESSARY, PREPARE A PROGRAM TO AUTOMATICALLY CODE THE BIRTH PROVINCE/COUNTRY. SEE THE STATISTICS CANADA PROVINCE/COUNTRY CODES ON PAGES 34-35.

EDITS:

MUST BE NUMERIC OR BLANK.

FIELD: CHILD'S BIRTH CITY

SUGGESTED FIELD LENGTH: 10

TYPE: ALPHABETIC

REFERS TO CHILD'S BIRTH CITY.

ENTER BIRTH CITY IN FULL UP TO A MAXIMUM OF 10 CHARACTERS.
SEE THE STATISTICS CANADA PLACE NAME ABBREVIATIONS ON PAGE 37.

EDITS:

MUST BE ALPHABETIC OR BLANK.

FIELD: CHILD'S PARENTS

SUGGESTED FIELD LENGTH: 1

TYPE: NUMERIC

REFERS TO THE CHILD'S PARENTS AS NAMED ON CHILD'S BIRTH OR ADOPTION CERTIFICATE.

CODE	DESCRIPTION
1	SELF AND SPOUSE
2	SELF ONLY
3	SPOUSE ONLY
4	OTHER
BLANK	NOT STATED

FROM THESE CODES A PROGRAM CAN BE WRITTEN TO EXTRACT PARENTAL INFORMATION FROM THE PREVIOUS ITEMS ON RESPONDENT'S IDENTITY SUMMARY, WHERE AVAILABLE.

EDITS:

MUST BE CODES 1-4 OR BLANK.

FIELD: CHILD'S RELATIONSHIP TO YOU

SUGGESTED FIELD LENGTH: 1

TYPE: NUMERIC

REFERS TO TYPE OF RELATIONSHIP TO THE RESPONDENT.

CODE DESCRIPTION

1 BLOOD RELATED (EG: NATURAL PARENT)

NOT BLOOD RELATED (EG: ADOPTIVE/FOSTER PARENT)

BLANK

NOT STATED

EDITS:

MUST BE CODES 1-2 OR BLANK.

SAMPLE CODING SHEET

A SAMPLE CODING SHEET FOR CODING THE INFORMATION COLLECTED FROM THE INDIVIDUAL IDENTITY SUMMARY. DIRECT INPUT INTO A DATA FILE USING A MICRO-COMPUTER IS ALSO POSSIBLE.

SAMPLE INDIVIDUAL IDENTITY SUMMARY CODING SHEET FOR MICROCOMPUTER SCREEN LAYOUT AND INPUT OR MANUAL CODING FOR DATA ENTRY

1)	EMPLOYEE WORKSITE/GROUP IDENTIFIER	<u> _ </u>
2)	EMPLOYEE/CASE NUMBER	
3)	CONTROL CODE	1_1
4)	SURNAME	
5)	MAIDEN SURNAME	_ _ _ _ _ _
6)	OTHER SURNAME (S) USED	_ _ _ _ _ _
7)	FIRST GIVEN NAME	
8)	SECOND GIVEN NAME	
9)	THIRD GIVEN NAME (IF ANY)	_ _ _
0)	USUAL NAME OR NICKNAME (IF DIFFERENT FROM 5 ABOVE)	
11)	TITLE	_ _
2)	SEX	1_1 `
13)	MARITAL STATUS	1_1
14)	BIRTH DATE	
5)	BIRTH PLACE CODE	Code _
6)	BIRTH CITY	City _ _ _ _
17)	FATHER'S SURNAME	_ _ _ _
18)	FATHER'S FIRST NAME	_ _ _ _
19)	FATHER'S SECOND NAME	_ _ _ _
20)	FATHER'S BIRTH PLACE CODE	Code _
21)	FATHER'S BIRTH CITY	City _ _ _ _
22)	FATHER'S BIRTH DATE	

23)	MOTHER'S MAIDEN SURNAME	
24)	MOTHER'S FIRST NAME	
25)	MOTHER'S SECOND NAME	
26)	MOTHER'S BIRTH PLACE CODE	Code _
27)	MOTHER'S BIRTH CITY	City _ _ _ _
28)	MOTHER'S BIRTH DATE	_ _ _
29)	SPOUSE'S BIRTH SURNAME	
30)	SPOUSE'S FIRST NAME	_ _ _ _
31)	SPOUSE'S SECOND NAME	
32)	SPOUSE'S BIRTH PLACE CODE	Code _
33)	SPOUSE'S BIRTH CITY	City _ _ _ _
34)	SPOUSE'S BIRTH DATE	Year Month Day
35)	MARRIAGE PLACE CODE	Code _
36)	MARRIAGE DATE	_ _ _
37)	SOCIAL INSURANCE NUMBER	
	PROV. HEALTH INSURANCE NUMBER	_ _ _ _ _ _ _ Prov _

39)	PERMANENT HOME PROV CODE	Code _
40)	PERMANENT HOME ADDRESS	Street _ _ _ _
	·	_ _ _ _ _ _
		City _ _ _ _
		Prov _ _ _ _ _
		Postal Code _
41)	PENSION PLAN NUMBER	
42)	FIRST HIRE DATE(Chronological Order)	_ _ _ _ _ Year Month Day
43)	TERMINATION DATE	Year Month Day
	REHIRE DATE	_ Year Month Day
	TERMINATION DATE	Year Month Day
	REHIRE DATE	_ _ _ _ _ Year Month Day
	TERMINATION DATE	Year Month Day
44)	VITAL STATUS	· [_]
45)	SOURCE OF INFORMATION	II
46)	LAST KNOWN YEAR ALIVE	_ _ Year
47)	LAST KNOWN PROV CODE	Code
48)	LAST KNOWN ADDRESS	Street _ _ _
		_ _ _ _ _
		City _ _ _ _
		Prov _ _ _ _
		Postal Code _

49)	DATE OF DEATH	Year Month Day
50)	PLACE OF DEATH CODE	Code _
51)	CITY OF DEATH	City _ _ _ _ _
52)	DEATH CERTIFICATE NUMBER	Year Prov Cert. Number
53)	CAUSE (S) OF DEATH	Immediate Cause Code _ _
		Underlying Cause Code _ _
		Other Cause Code
		Other Known Information:

RECORD LAYOUT (STARTING POINT FILE)

RECORD LAYOUT TO BE COMPLETED BY EMPLOYER/STUDY ORGANIZER WHEN SUBMITTING A FILE TO STATISTICS CANADA FOR LINKAGE FOR UNDERTAKING A HEALTH STUDY. BY INDICATING THE ITEMS AND % OF RECORDS YOU HAVE AVAILABLE WE CAN ADVISE YOU ON THE SUCCESS OF A LINKAGE.

ALLOW ONLY SPACE FOR DATA FIELDS PRESENT ON YOUR DATA BASE.

RECORD-LAYOUT

HEALTH STUDY STARTING POINT FILE TO BE LINKED TO THE MORTALITY DATA BASE

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FIELD	S I ZE	POSITION	TYPE	TITLE	ORDS	USE:
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R E C O R D - L A Y O U T HEALTH STUDY (CONTINUED)

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R E C O R D - L A Y O U T HEALTH STUDY (CONTINUED)

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		CANADA
FIELD SIZE POSITION TYPE TITLE	ORDS	USE:
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NOTES:

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To:
Occupational and Environmental Health Research Section
Health Division Statistics Canada
R.H. Coats Building, 18th Floor
Tunney's Pasture
Ottawa, Ontario K1A OT6
(613) 951-1734

LONG TERM HEALTH FOLLOW UP STUDY CANADIAN MORTALITY DATA BASE

Please send me the APPLICATION PACKAGE for undertaking a long term health follow up study.

AME:		
DDRESS:		
ITY	PROVINCE———	
	TELEPHONE ()	

COMMENTS ON THE DATA COLLECTION PACKAGE:

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IISP INDIVIDUAL IDENTITY SUMMARY PACKAGE

IISP consists of a user friendly menu system in order to guide the user through the data input screens as suggested on the Individual Identity Summary form in the Data Collection Package. IISP allows the user to set up the records into groups for different studies. It provides extensive help for each data element, includes edits and validity checks when new data is entered or modified, and features many options to simplify the ongoing record keeping such as add or modify records; browse through a collection; create new collections and print records. It also includes an export facility to allow transfer of the data at any time to Statistics Canada for undertaking a long term medical follow up study.

The PC package is distributed in a form of 2 diskettes and a User Guide. It requires an IBM or compatible personal computer with minimum 360K bytes of memory, at least one hard disk drive and MSDOS 2.0 or later.

If you are interested in obtaining additional information on IISP, please feel free to fill in the form below and send it to:

Occupational and Environment Health Research Section Health Division Statistics Canada R.H. Coats Building, 18th Floor Tunney's Pasture Ottawa, Ontario K1A OT6 (613) 951-1734

NAME:		<u> </u>	
ORGANIZATION:			
ADDRESS:			
CITY:			
PROVINCE:		POSTAL CODE	
TEL. NO.:	()		

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DATE DUE