

# Module: family-history

## Module Contents

### family

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1	<b>CENTER_NO</b>	number (2,0)	Required:true
	Center Identification Number		
	Allowable Values		
	11	Sinai Health Systems (formerly Cancer Care Ontario)	
	12	University of Southern California Consortium (USCC)	
	13	University of Melbourne	
	14	University of Hawaii Cancer Center	
	15	Mayo Clinic	
	16	Fred Hutch, Seattle	
	17	University of California at San Francisco (UCSF) (formerly CPIC, originally Northern California (NCCC))	

2	<b>FAMILY_ID (PK*)</b>	string (9)	Required:true
	Family identification number uniquely identifying a family. Consists of concatenated CENTER_NO (2 digits; digits 1-2) + local family number (7 digits; digits 3-9). The last portion of the number (7 digit part) should be right justified, zero filled. Ex: Family Id 12345 from Australia Colon Center should be: 130012345. *This field is a Primary Key for the table.		

3	<b>CTR_SUB</b>	string (2)	Required:false
	Center subsite location (determined by institution).		
	Allowable Values		
	01	Dartmouth	
	02	USC	
	03	Uni of Colorado	

<b>04</b>	Uni of Arizona
<b>05</b>	Cleveland Clinic
<b>06</b>	UNC
<b>07</b>	Uni of Minnesota
<b>13</b>	Cases 18-44
<b>14</b>	Cases 45-49
<b>15</b>	Cases 18-44 2003+
<b>16</b>	Cases 45-49 2003+
<b>17</b>	Cases 18-44 preNIH Ph II
<b>18</b>	Cases 45-49 preNIH Ph II
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<b>24</b>	Controls 45-49
<b>31</b>	Clinic Ph I
<b>32</b>	Clinic Ph II
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<b>32</b>	Clinic Cases with Frozen Tissue
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<b>55</b>	Ph I Clinic-Based (Mayo Clinic)
<b>56</b>	Ph I Clinic-Based (Nth Central Ca Tx Center)
<b>57</b>	Ph I Pop-Based (Minnesota Ca Surveillance System)
<b>58</b>	Ph I Other Clinic-Based
<b>65</b>	Ph II Clinic-Based (Mayo Clinic)
<b>67</b>	Ph II Pop-Based (Minnesota Ca Surveillance System)
<b>68</b>	Ph II Other Clinic-Based
<b>75</b>	Ph III Clinic-Based (Mayo Clinic)
<b>78</b>	Ph III Other Clinic-Based

4	<b>FSRC</b>	number (1,0)	Required:true
	Source of family/proband.		

Allowable Values	
<b>1</b>	Population-based (cancer registry)
<b>2</b>	Clinic (non-population based)

5	<b>FRSTDATE</b>	string (8)	Required:true
	Date proband first identified. E.g. date of diagnosis of incident case in cancer registry or date of first visit to clinic or date first identified to study.		

Allowable Values	
<b>YYYY</b>	Minimum year – system date year, 8888, 9999
<b>MM</b>	01 – 12, 88, 99
<b>DD</b>	01 – 31, 88, 99
<b>If YYYY</b>	9999 then MM and DD must
<b>If MM</b>	99 then DD must

6	<b>FRSTEST</b>	number (1,0)	Required:false
	Accuracy of date identified/recruited.		

Allowable Values	
<b>1</b>	Exact
<b>2</b>	Within 1 year
<b>3</b>	Within 1+ to 5 years
<b>4</b>	Within 5+ to 10 years
<b>5</b>	10 or more years
<b>9</b>	Unknown

7	<b>BASELINE_CUTOFF</b>	string (8)	Required:false
	Date when the complete initial family history interview/information was received.		

Date Value Check	
<p>The date must follow to the following format:</p> <p>Format YYYYMMDD. Must consist of valid date.  Components of date should be right justified and zero filled.  MM = 01 - 12, 88, 99  DD = 01 - 31, 88, 99  YYYY = <b>Minimum year</b> - system date year, 8888, 9999  Use 88, 8888 for not currently known, in progress to obtain information.  Use 99, 9999 for not known.  If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.  If MM = 99 then DD must = 99.  If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.  If YYYY = 9999 then MM and DD must = 99.</p>	

The following special parameters are used:

<b>YYYY</b>	1997 (Minimum year) - system date year, 8888, 9999
<b>MM</b>	01 - 12, 88, 99
<b>DD</b>	01 - 31, 88, 99

Allowable Values	
<b>YYYY</b>	Minimum year – system date year, 8888, 9999
<b>MM</b>	01 – 12, 88, 99
<b>DD</b>	01 – 31, 88, 99

8	<b>ASHKENAZI</b>	number (1,0)	Required:true
Flag to indicate whether proband is of Ashkenazi Jewish descent			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown

# Module: family-history

## Module Contents

### family-membership

1. [CENTER\\_NO](#)
2. [FAMILY\\_ID \(PK\\*\)](#)
3. [PERSON\\_ID \(PK\\*\)](#)
4. [PROBAND\\_FLG](#)
5. [PROBAND\\_TYPE](#)
6. [SPOUSE\\_CONTROL\\_ID](#)
7. [FUNDING\\_PHASE](#)
8. [PROB\\_WGT](#)
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10. [P\\_POP\\_TYPE](#)
11. [RELATION\\_CODE](#)
12. [LINEAGE](#)
13. [CONTROL\\_FLG](#)

1	<b>CENTER_NO</b>	number (2,0)	Required:true
	Center Identification Number		

#### Allowable Values

11	Sinai Health Systems (formerly Cancer Care Ontario)
12	University of Southern California Consortium (USCC)
13	University of Melbourne
14	University of Hawaii Cancer Center
15	Mayo Clinic
16	Fred Hutch, Seattle
17	University of California at San Francisco (UCSF) (formerly CPIC, originally Northern California (NCCC))

2	<b>FAMILY_ID (PK*)</b>	string (9)	Required:true
	Family identification number uniquely identifying a family. Consists of concatenated CENTER_NO (2 digits; digits 1-2) + local family number (7 digits; digits 3-9). The last portion of the number (7 digit part) should be right justified, zero filled. Ex: Family Id 12345 from Australia Colon Center should be: 130012345. *FAMILY_ID + PERSON_ID are the primary key for the table.		

3	<b>PERSON_ID (PK*)</b>	string (12)	Required:true
	Number that uniquely identifies an individual. Consists of concatenation of CENTER_NO (2 digit; digits 1-2) + (10 digit local unique individual id; digits 3-12). The 10 digit individual number		

component should be right justified, zero filled. Ex: Individual Id 98765 from Australia Colon Center should be: 130000098765. \*FAMILY\_ID + PERSON\_ID are the primary key for the table.

4	<b>PROBAND_FLG</b>	number (1,0)	Required:false
	Flag indicating that individual is the proband. Note: multiple records within a family may be flagged as a proband for families sampled with population-based criteria.		

Allowable Values	
1	First identified or only proband
2	Second identified proband
3	Third identified proband
4	Forth identified proband
5	Fifth identified proband

5	<b>PROBAND_TYPE</b>	number (1,0)	Required:false
	Type of proband.		

Allowable Values

1	Affected proband (Affected with a CRC at enrollment)
2	Unaffected proband (Unaffected with CRC at enrollment)
3	Population-based control
4	Recruited as a population-based case, but it was later determined their qualifying tumor was not a malignant colorectal cancer

6	<b>SPOUSE_CONTROL_ID</b>	string (12)	Required:false
	PERSON_ID of a non-blood relative that was specifically recruited as a control, who is the spouse of a population-based case proband or family member. The ID of this spouse control is to be populated for the proband or relative they are linked to. That is, the proband/family member record would have the variable SPOUSE_CONTROL_ID set to the PERSON_ID of their spouse specifically serving as a control. Note: A proband or a family member may have a spouse control but the spouse may not have the proband or family member as a spouse control.		

7	<b>FUNDING_PHASE</b>	number (1,0)	Required:false
	Funding phase (and source) for recruitment of proband.		

Allowable Values

1	Phase I (NCI), initial funding (first 5 years of funding, includes Yr-5 interim funding)
2	Phase II (NCI), first renewal funding (second 5 years of funding)

3	Phase III (NCI), second renewal funding (third 5 years of funding)
4	Minority RO1 Funding (NCI)
5	Non-NIH Funding Source

8	<b>PROB_WGT</b>	number (9,6)	Required:false
Weight for population-based probands that does NOT take response/participation rates into account.			

9	<b>P_FRACTION</b>	number (4,3)	Required:false
The sampling fraction, based on ascertainment criteria such as family history, ethnicity, age of diagnosis etc. The probability of being sampled. It does not take response/participation rates into account. Applicable to population-based probands.			

10	<b>P_POP_TYPE</b>	number (1,0)	Required:false
Type of recruitment for population-based probands.			

#### Allowable Values

1	Incident: The CRC is the probands first CRC diagnosis, and it was made during the CFR recruitment period
2	Previous Incident: The qualifying tumor is an incident or 'first CRC', but the diagnosis date is prior to the CFR recruitment period. In other words, the proband had one CRC diagnosis up to enrollment in the CFR, prior to the 'CFR recruitment period'.
3	Second primary (previously referred to as 'prevalent'). The qualifying tumor is not the first CRC. In other words, the proband had one or more CRC diagnoses prior to a CRC diagnosis during the CFR recruitment period. The new (or subsequent) CRC is flagged as the 'qualifying tumor'.
9	Unknown

11	<b>RELATION_CODE</b>	string (3)	Required:true
An internal code to describe the individuals relationship to the primary proband (proband_flag ; 1 First identified or only proband) in a family. Will serve as a foreign key to a new relationship meta-table that contains the code, degree of relationship, English description of the relationship and potentially other attributes.			

Code1	Degree	Description	Common Name
0S0	0	Self	Proband
0S1	1	Child	Daughter/son
0S2	2	Grandchild	Granddaughter/son
0S3	3	Great grandchild	Great granddaughter/son
0T0	0	Twin sibling (identical)	Sister/brother
0F0	1	Full sibling	Sister/brother

<b>0H0</b>	2	Half sibling	Sister/brother
<b>0U0</b>	2	Unkn sibling (one parent is unknown)	Sister/brother
<b>0T1</b>	1	Twin siblings child	Niece/nephew
<b>0T2</b>	2	Twin siblings grandchild	Grandniece/nephew
<b>0T3</b>	3	Twin siblings great grandchild	Great grandniece/nephew
<b>0F1</b>	2	Full siblings child	Niece/nephew
<b>0F2</b>	3	Full siblings grandchild	Grandniece/nephew
<b>0F3</b>	4	Full siblings great grandchild	Great grandniece/nephew
<b>0H1</b>	3	Half siblings child	Niece/nephew
<b>0H2</b>	4	Half siblings grandchild	Grandniece/nephew
<b>0H3</b>	5	Half siblings great grandchild	Great grandniece/nephew
<b>0U1</b>	3	Unkn siblings child	Niece/nephew
<b>0U2</b>	4	Unkn siblings grandchild	Grandniece/nephew
<b>0U3</b>	5	Unkn siblings great grandchild	Great grandniece/nephew
<b>1S0</b>	1	Parent	Mother/father
<b>2S0</b>	2	Grandparent	Grandmother/father
<b>3S0</b>	3	Great grandparent	Great grandmother/father
<b>4S0</b>	4	Great-great grandparent	Great-great grandmother/father
<b>1T0</b>	1	Parents twin sibling	Aunt/uncle
<b>1F0</b>	2	Parents full sibling	Aunt/uncle
<b>1H0</b>	3	Parents half sibling	Aunt/uncle
<b>1U0</b>	3	Parents unkn sibling	Aunt/uncle
<b>1T1</b>	2	Parents twin siblings child	1st cousin
<b>1T2</b>	3	Parents twin siblings grandchild	1st cousin 1x rem
<b>1T3</b>	4	Parents twin siblings great grandchild	1st cousin 2x rem
<b>1T4</b>	5	Parents twin siblings great-great grandchild	1st cousin 3x rem
<b>1F1</b>	3	Parents full siblings child	1st cousin
<b>1F2</b>	4	Parents full siblings grandchild	1st cousin 1x rem
<b>1F3</b>	5	Parents full siblings great grandchild	1st cousin 2x rem
<b>1F4</b>	6	Parents full siblings great-great grandchild	1st cousin 3x rem
<b>1H1</b>	4	Parents half siblings child	1st cousin
<b>1H2</b>	5	Parents half siblings grandchild	1st cousin 1x rem
<b>1H3</b>	6	Parents half siblings great grandchild	1st cousin 2x rem



<b>1H4</b>	7	Parents half siblings great-great grandchild	1st cousin 3x rem
<b>1U1</b>	4	Parents unkn siblings child	1st cousin
<b>1U2</b>	5	Parents unkn siblings grandchild	1st cousin 1x rem
<b>1U3</b>	6	Parents unkn siblings great grandchild	1st cousin 2x rem
<b>1U4</b>	7	Parents unkn siblings great-great grandchild	1st cousin 3x rem
<b>2T0</b>	2	Grandparents twin sibling	Grandaunt/uncle
<b>2F0</b>	3	Grandparents full sibling	Grandaunt/uncle
<b>2H0</b>	4	Grandparents half sibling	Grandaunt/uncle
<b>2U0</b>	4	Grandparents unkn sibling	Grandaunt/uncle
<b>2T1</b>	3	Grandparents twin siblings child	1st cousin 1x rem
<b>2T2</b>	4	Grandparents twin siblings grandchild	2nd cousin
<b>2T3</b>	5	Grandparents twin siblings great grandchild	2nd cousin 1x rem
<b>2T4</b>	6	Grandparents twin siblings great-great grandchild	2nd cousin 2x rem
<b>2T5</b>	7	Grandparents twin siblings great-great-great grandchild	2nd cousin 3x rem
<b>2F1</b>	4	Grandparents full siblings child	1st cousin 1x rem
<b>2F2</b>	5	Grandparents full siblings grandchild	2nd cousin
<b>2F3</b>	6	Grandparents full siblings great grandchild	2nd cousin 1x rem
<b>2F4</b>	7	Grandparents full siblings great-great grandchild	2nd cousin 2x rem
<b>2F5</b>	8	Grandparents full siblings great-great-great grandchild	2nd cousin 3x rem
<b>2H1</b>	5	Grandparents half siblings child	1st cousin 1x rem
<b>2H2</b>	6	Grandparents half siblings grandchild	2nd cousin
<b>2H3</b>	7	Grandparents half siblings great grandchild	2nd cousin 1x rem
<b>2H4</b>	8	Grandparents half siblings great-great grandchild	2nd cousin 2x rem
<b>2H5</b>	9	Grandparents half siblings great-great-great grandchild	2nd cousin 3x rem
<b>2U1</b>	5	Grandparents unkn siblings child	1st cousin 1x rem
<b>2U2</b>	6	Grandparents unkn siblings grandchild	2nd cousin
<b>2U3</b>	7	Grandparents unkn siblings great grandchild	2nd cousin 1x rem
<b>2U4</b>	8	Grandparents unkn siblings great-great grandchild	2nd cousin 2x rem
<b>2U5</b>	9	Grandparents unkn siblings great-great-great grandchild	2nd cousin 3x rem
<b>3T0</b>	3	Great grandparents twin sibling	Great grandaunt/uncle
<b>3F0</b>	4	Great grandparents full sibling	Great grandaunt/uncle

<b>3H0</b>	5	Great grandparents half sibling	Great grandaunt/uncle
<b>3U0</b>	5	Great grandparents unkn sibling	Great grandaunt/uncle
<b>3T1</b>	4	Great grandparents twin siblings child	2nd cousin 2x rem
<b>3T2</b>	5	Great grandparents twin siblings grandchild	2nd cousin 1x rem
<b>3T3</b>	6	Great grandparents twin siblings great grandchild	3rd cousin
<b>3T4</b>	7	Great grandparents twin siblings great-great grandchild	3rd cousin 1x rem
<b>3T5</b>	8	Great grandparents twin siblings great-great-great grandchild	3rd cousin 2x rem
<b>3T6</b>	9	Great grandparents twin siblings great-great-great-great grandchild	3rd cousin 3x rem
<b>3F1</b>	5	Great grandparents full siblings child	2nd cousin 2x rem
<b>3F2</b>	6	Great grandparents full siblings grandchild	2nd cousin 1x rem
<b>3F3</b>	7	Great grandparents full siblings great grandchild	3rd cousin
<b>3F4</b>	8	Great grandparents full siblings great-great grandchild	3rd cousin 1x rem
<b>3F5</b>	9	Great grandparents full siblings great-great-great grandchild	3rd cousin 2x rem
<b>3F6</b>	10	Great grandparents full siblings great-great-great-great grandchild	3rd cousin 3x rem
<b>3H1</b>	6	Great grandparents half siblings child	2nd cousin 2x rem
<b>3H2</b>	7	Great grandparents half siblings grandchild	2nd cousin 1x rem
<b>3H3</b>	8	Great grandparents half siblings great grandchild	3rd cousin
<b>3H4</b>	9	Great grandparents half siblings great-great grandchild	3rd cousin 1x rem
<b>3H5</b>	10	Great grandparents half siblings great-great-great grandchild	3rd cousin 2x rem
<b>3H6</b>	11	Great grandparents half siblings great-great-great-great grandchild	3rd cousin 3x rem
<b>3U1</b>	6	Great grandparents unkn siblings child	2nd cousin 2x rem
<b>3U2</b>	7	Great grandparents unkn siblings grandchild	2nd cousin 1xrem
<b>3U3</b>	8	Great grandparents unkn siblings great grandchild	3rd cousin
<b>3U4</b>	9	Great grandparents unkn siblings great-great grandchild	3rd cousin 1x rem
<b>3U5</b>	10	Great grandparents unkn siblings great-great-great grandchild	3rd cousin 2x rem
<b>3U6</b>	11	Great grandparents unkn siblings great-great-great-great grandchild	3rd cousin 3x rem
<b>BLO</b>	-3	Blood relation - other	Blood relation - other

<b>NBS</b>	-1	Non-blood relation - proband spouse	Non-blood relation - proband spouse
<b>NBO</b>	-1	Non-blood relation - other	Non-blood relation - other
<b>XXX</b>	-9	Relationship is completely unknown	Unknown

	<b>LINEAGE</b>	number (1,0)	Required:false
12	An indication of which line down the pedigree a relative descends from. Maternal or Paternal or Both to be used in conjunction with the RELATION_CODE to denote lineage.		

Allowable Values	
<b>1</b>	PATERNAL
<b>2</b>	MATERNAL
<b>3</b>	BOTH
<b>8</b>	NON BLOOD
<b>9</b>	UNKNOWN

	<b>CONTROL_FLG</b>	number (1,0)	Required:false
13	A flag used to identify a subject specifically recruited as a control throughout all population-based families. Note: There were no controls recruited through the clinic-based families. Also, CENTER_NO 12 generally enrolled CRC-unaffected family members as controls but did not specifically tag/identify them.		

Allowable Values	
<b>1</b>	Population-based Control Proband
<b>2</b>	Population-based Control Relative (Australia Only)
<b>3</b>	Spouse Control

# Module: family-history

## Module Contents

### individual

- 1.[CENTER\\_NO](#)
- 2.[PERSON\\_ID \(\\*PK\)](#)
- 3.[PERSON\\_CID](#)
- 4.[MOTHER\\_ID](#)
- 5.[FATHER\\_ID](#)
- 6.[TWIN\\_ID](#)
- 7.[TWIN\\_TYPE](#)
- 8.[SEX](#)
- 9.[VS](#)
- 10.[LIVEDATE](#)
- 11.[LIVEDATESRC](#)
- 12.[DTHDATE](#)
- 13.[DTHDATESRC](#)
- 14.[AGE\\_DEATH](#)
- 15.[AGE\\_DEATH\\_EST](#)
- 16.[DOB](#)
- 17.[BIREST](#)
- 18.[INDIVSRC](#)
- 19.[BLOOD](#)
- 20.[BUCCAL\\_SALIVA](#)
- 21.[EPI\\_Q\\_COLON](#)
- 22.[COLON\\_1ST\\_FU](#)
- 23.[COLON\\_2ND\\_FU](#)
- 24.[COLON\\_3RD\\_FU](#)
- 25.[COLON\\_4TH\\_FU](#)
- 26.[COLON\\_5TH\\_FU](#)
- 26.[DIET\\_Q\\_HI](#)
- 27.[DIET\\_Q\\_AUS](#)
- 28.[CLINICAL\\_COLON](#)
- 29.[RACE\\_ETHNIC\\_SOURCE](#)
- 30.[ADDITIONAL\\_RACE](#)
- 31.[ADDITIONAL\\_ETHNICITY](#)

1	<b>CENTER_NO</b>	number (2,0)	Required:true
	Center Identification Number		
Allowable Values			
11	Sinai Health Systems (formerly Cancer Care Ontario)		
12	University of Southern California Consortium (USCC)		
13	University of Melbourne		
14	University of Hawaii Cancer Center		
15	Mayo Clinic		
16	Fred Hutch, Seattle		

17

University of California at San Francisco (UCSF) (formerly CPIC, originally Northern California (NCCC))

**PERSON\_ID (\*PK)**

string (12)

Required:true

2

Number that uniquely identifies an individual. Consists of concatenation of CENTER\_NO (2 digit; digits 1-2) + (10 digit local unique individual id; digits 3-12). The 10 digit individual number component should be right justified, zero filled. Ex: Individual Id 98765 from Australia Colon Center should be: 130000098765. \*This field is the primary key for the table.

**PERSON\_CID**

string (30)

Required:false

3

The external person ID (or concatenated set of IDs) that is local to the submitting center.

**MOTHER\_ID**

string (12)

Required:false

4

Identification number (PERSON\_ID) of mother.

**FATHER\_ID**

string (12)

Required:false

5

Identification number (PERSON\_ID) of father.

**TWIN\_ID**

string (12)

Required:false

6

Identification number (PERSON\_ID) of the corresponding twin. Example: Persons 3 and 4 are twins. Person 3 = 02000008763 Person 4 = 02000008764 Example: Persons 3, 4, and 5 are triplets. Code as follows: Person 3 = 02000008763 Person 4 = 02000008764 Person 5 = 02000008765

**TWIN\_TYPE**

number (1,0)

Required:false

7

Type of twin.

Allowable Values

1 Monozygous

2 Dizygous

9 Twin, type unknown

**SEX**

number (1,0)

Required:true

8

Sex of the individual.

Allowable Values

1 Male

2 Female

3 Other

9	Unknown
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9	<b>VS</b>	number (1,0)	Required:true
Vital Status of individual.			

Allowable Values
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1	Alive
---	-------

2	Dead
---	------

9	Unknown
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10	<b>LIVEDATE</b>	string (8)	Required:true
The most recent date a subject is known to be living. This is the last date the subject is known to be alive. There are multiple sources of information that can be used to obtain this date. Acceptable sources are listed in LIVEDATESRC. Upon notification of the death of the subject, the LIVEDATE should remain unchanged and VS should be updated to 2-dead and DTHDATE and DTHDATESRC, AGE_DEATH and AGE_DEATH_EST populated.			

Date Value Check
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The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

<b>YYYY</b>	1700 (Minimum year) - system date year, 8888, 9999
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<b>MM</b>	01 - 12, 88, 99
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<b>DD</b>	01 - 31, 88, 99
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Allowable Values
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<b>YYYY</b>	Minimum year – system date year, 8888, 9999
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<b>MM</b>	01 – 12, 88, 99
-----------	-----------------

<b>DD</b>	01 – 31, 88, 99
-----------	-----------------

<b>If</b>	9999 then MM and DD must
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YYYY	
If MM	99 then DD must

11	<b>LIVEDATESRC</b>	number (2,0)	Required:true
Source of information for LIVEDATE			

Allowable Values

1	Self representation either by conducting a study activity in person, by telephone, or by mail. These could include completing a survey, signing a study document, providing a blood sample, etc
2	Relative (or Respondent) report that a subject is living
3	Linkage with national death indices, such as the NDI and NDI+, where the OMISSION of a subject presumes he/she is living (consensus advised).
4	Linkage with state death indices, such as through the health department where the OMISSION of a subject presumes he/she is living (consensus advised)
5	Linkage with another information source that reports an activity that indicates the subject is living, such as current use of social security benefits, credit report
6	Hospital record, medical file that reports contact with or a procedure performed on subject.
7	SEER, which reports the last date they know the subject is known to be alive.
8	State Cancer registry, which reports the last date they know the subject to be alive.
9	Other, for example specialized genealogy
99	Unknown

12	<b>DTHDATE</b>	string (8)	Required:false
The date of death. There are multiple sources of information that can be used to obtain this date. Acceptable sources are listed in DTHDATESRC.			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

<b>YYYY</b>	1700 (Minimum year) - system date year, 8888, 9999
<b>MM</b>	01 - 12, 88, 99
<b>DD</b>	01 - 31, 88, 99

Allowable Values	
<b>YYYY</b>	Minimum year – system date year, 8888, 9999
<b>MM</b>	01 – 12, 88, 99
<b>DD</b>	01 – 31, 88, 99
<b>If YYYY</b>	9999 then MM and DD must
<b>If MM</b>	99 then DD must

13	<b>DTHDATESRC</b>	number (2,0)	Required:false
	Source of information reporting subject is deceased		

Allowable Values

<b>1</b>	Relative (or Respondent) report of subject death
<b>2</b>	Linkage with national death indices (e.g., NDI, NDI+)
<b>3</b>	Linkage with another information source that reports termination of services due to death (e.g., social security benefits, medicare, medicaid).
<b>4</b>	Hospital record, medical file that reports
<b>5</b>	SEER
<b>6</b>	State Cancer registry
<b>7</b>	State Death Indices (e.g., through the health department)
<b>8</b>	Death certificate
<b>9</b>	Obituary
<b>10</b>	Other (e.g., specialized genealogy research)
<b>99</b>	Unknown

14	<b>AGE_DEATH</b>	number (3,0)	Required:false
	Age at death (De-Identified)		

Allowable Values

<b>996</b>	Less than 20
<b>997</b>	90 or over



998	Less than 1 year
-----	------------------

999	Unknown
-----	---------

15

**AGE\_DEATH\_EST**

number (1,0)

Required:false

Accuracy of age of death.

Allowable Values

1	Exact
---	-------

2	Within 1 year
---	---------------

3	Within 1+ to 5 years
---	----------------------

4	Within 5+ to 10 years
---	-----------------------

5	10 or more years
---	------------------

9	Unknown
---	---------

16

**DOB**

string (8)

Required:true

Date of birth.

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

<b>YYYY</b>	1700 (Minimum year) - system date year, 8888, 9999
-------------	--

<b>MM</b>	01 - 12, 88, 99
-----------	-----------------

<b>DD</b>	01 - 31, 88, 99
-----------	-----------------

Allowable Values

<b>YYYY</b>	Minimum year – system date year, 8888, 9999
-------------	---

<b>MM</b>	01 – 12, 88, 99
-----------	-----------------

<b>DD</b>	01 – 31, 88, 99
<b>If YYYY</b>	9999 then MM and DD must
<b>If MM</b>	99 then DD must

17	<b>BIREST</b>	number (1,0)	Required:true
	Accuracy of date of birth.		

Allowable Values	
<b>1</b>	Exact
<b>2</b>	Within 1 year
<b>3</b>	Within 1+ to 5 years
<b>4</b>	Within 5+ to 10 years
<b>5</b>	10 or more years
<b>9</b>	Unknown

18	<b>INDIVSRC</b>	number (1,0)	Required:true
	Source of information for individual family member.		

Allowable Values	
<b>0</b>	Self
<b>1</b>	1st degree relative
<b>2</b>	2nd degree relative
<b>3</b>	Other relative
<b>4</b>	Other
<b>5</b>	Dummy record (i.e. dummy spouse or parent)
<b>9</b>	Unknown

19	<b>BLOOD</b>	number (1,0)	Required:true
	Status of blood specimen.		

Allowable Values	
<b>0</b>	Not needed / not applicable
<b>1</b>	Needed, but can't get (e.g. deceased, overseas, etc.)
<b>2</b>	Needed, Pending

3	Blood received
4	Refusal from patient
6	Sample lost or destroyed

20	<b>BUCCAL_SALIVA</b>	number (1,0)	Required:false
Status of buccal/saliva specimen.			

Allowable Values	
0	Not needed, not applicable
1	Needed, but cannot get (e.g. deceased, overseas, etc.)
2	Needed, pending
3	Buccal_Saliva received
4	Refusal from patient
6	Sample lost or destroyed

21	<b>EPI_Q_COLON</b>	number (1,0)	Required:false
Status of colon epidemiology questionnaire.			

Allowable Values	
0	Not needed / not applicable
1	Needed, not requested yet
2	Questionnaire requested, pending
3	Questionnaire received, completed personally
4	Questionnaire completed by proxy
5	Refused
6	Needed but can't get (i.e. language, disability, etc.)
7	Deceased

22	<b>COLON_1ST_FU</b>	number (1,0)	Required:false
Status of the first Colon Follow Up questionnaire administered after the Baseline questionnaire.			

Allowable Values	
0	Reserved for non-participants only (did not complete BL Epi).

1	Needed and not due or not requested yet.
2	QNR requested, pending completion.
3	Questionnaire received
5	Refused (unable to complete or contact but will re-attempted)
6	Permanently lost (e.g., withdrew, refused, medically incapable etc. Will not reattempt)
7	Deceased
8	Ineligible/Not selected for follow-up/Retired

23	<b>COLON_2ND_FU</b>	number (1,0)	Required:false
	Status of the second Colon Follow Up questionnaire administered after the Baseline questionnaire.		

Allowable Values

<b>null</b>	All subsequently due FU's preceded by codes 1, 2, 5.
<b>-1</b>	Participant was permanently eliminated in a previous FU (6, 7, 8). Applies to FU2 or later only.
<b>0</b>	Reserved for non-participants only (did not complete BL Epi).
<b>1</b>	Needed and not due or not requested yet.
<b>2</b>	QNR requested, pending completion.
<b>3</b>	Questionnaire received
<b>5</b>	Refused (unable to complete or contact but will re-attempted)
<b>6</b>	Permanently lost (e.g., withdrew, refused, medically incapable etc. Will not reattempt)
<b>7</b>	Deceased
<b>8</b>	Ineligible/Not selected for follow-up/Retired

24	<b>COLON_3RD_FU</b>	number (1,0)	Required:false
	Status of the third Colon Follow Up questionnaire administered after the Baseline questionnaire.		

Allowable Values

<b>null</b>	All subsequently due FU's preceded by codes 1, 2, 5.
<b>-1</b>	Participant was permanently eliminated in a previous FU (6, 7, 8). Applies to FU2 or later only.
<b>0</b>	Reserved for non-participants only (did not complete BL Epi).
<b>1</b>	Needed and not due or not requested yet.
<b>2</b>	QNR requested, pending completion.
<b>3</b>	Questionnaire received

5	Refused (unable to complete or contact but will re-attempted)
6	Permanently lost (e.g., withdrew, refused, medically incapable etc. Will not reattempt)
7	Deceased
8	Ineligible/Not selected for follow-up/Retired

25	<b>COLON_4TH_FU</b>	number (1,0)	Required:false
Status of the fourth Colon Follow Up questionnaire administered after the Baseline questionnaire.			

Allowable Values	
<b>null</b>	All subsequently due FU's preceded by codes 1, 2, 5.
<b>-1</b>	Participant was permanently eliminated in a previous FU (6, 7, 8). Applies to FU2 or later only.
<b>0</b>	Reserved for non-participants only (did not complete BL Epi).
<b>1</b>	Needed and not due or not requested yet.
<b>2</b>	QNR requested, pending completion.
<b>3</b>	Questionnaire received
<b>5</b>	Refused (unable to complete or contact but will re-attempted)
<b>6</b>	Permanently lost (e.g., withdrew, refused, medically incapable etc. Will not reattempt)
<b>7</b>	Deceased
<b>8</b>	Ineligible/Not selected for follow-up/Retired

26	<b>COLON_5TH_FU</b>	number (1,0)	Required:false
Status of the fifth Colon Follow Up questionnaire administered after the Baseline questionnaire.			

Allowable Values	
<b>null</b>	All subsequently due FU's preceded by codes 1, 2, 5.
<b>-1</b>	Participant was permanently eliminated in a previous FU (6, 7, 8). Applies to FU2 or later only.
<b>0</b>	Reserved for non-participants only (did not complete BL Epi).
<b>1</b>	Needed and not due or not requested yet.
<b>2</b>	QNR requested, pending completion.
<b>3</b>	Questionnaire received
<b>5</b>	Refused (unable to complete or contact but will re-attempted)
<b>6</b>	Permanently lost (e.g., withdrew, refused, medically incapable etc. Will not reattempt)
<b>7</b>	Deceased
<b>8</b>	Ineligible/Not selected for follow-up/Retired

26	<b>DIET_Q_HI</b>	number (1,0)	Required:false
Status of Hawaiian Diet Questionnaire.			

Allowable Values	
0	Not needed / not applicable
1	Needed, not requested yet
2	Questionnaire requested, pending
3	Questionnaire received
5	Refused
6	Needed but can't get (i.e. language, disability, etc.)
7	Deceased

27	<b>DIET_Q_AUS</b>	number (1,0)	Required:false
Status of Australian diet questionnaire.			

Allowable Values	
0	Not needed / not applicable
1	Needed, not requested yet
2	Questionnaire requested, pending
3	Questionnaire received
5	Refused
6	Needed but can't get (i.e. language, disability, etc.)
7	Deceased

28	<b>CLINICAL_COLON</b>	number (1,0)	Required:false
Consent for clinical data collected in clinical treatment module.			

Allowable Values	
0	Not needed / not applicable
1	Needed, can't get (hospital has no records/ correct hospital cannot be identified)
2	Needed, pending consent
3	Records received
4	Consent received records pending

5	Refused- consent
6	Needed- but can't consent (lost contact/deceased, no proxy etc.)

29	<b>RACE_ETHNIC_SOURCE</b>	number (1,0)	Required:false
Source of race/ethnicity information.			

Allowable Values	
1	Epidemiology questionnaire self report
2	Other questionnaire self report
3	Epidemiology questionnaire proxy
4	Other questionnaire proxy
5	Cancer registry
6	Other external source

30	<b>ADDITIONAL_RACE</b>	number (2,0)	Required:false
To include reported RACE from source(s) other than BL Epi or FU Epi questionnaires. This includes race reported via other questionnaires such as family history questionnaire, information provided during blood/saliva collection, verbal information, etc.			

Allowable Values	
1	Caucasian/White
2	Black or African American (except Africans or persons of Caribbean origin)
3	Latino, Hispanic, Mexican American, Mexican, Cuban or Puerto Rican
4	Japanese (includes Okinawan)
5	Chinese
6	Filipino, Malay or Indonesian
7	Korean
8	Southeast Asian, except Chinese (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean)
9	South Asian (such as Indian, Pakistani, Sri Lankan)
10	Native American (such as Inuit, Aleutian, First Nations Person)
11	Polynesian (such as Hawaiian, Maori, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian (such as Chamorro, Guamanian)
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)

15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Central/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
20	Asian, NOS (Not otherwise specified)
97	More than one race
98	Other
99	Unknown

	<b>ADDITIONAL_ETHNICITY</b>	number (1,0)	Required:false
31	To include reported ethnicity from source(s) other than BL Epi or FU Epi questionnaire. This includes ethnicity reported via other questionnaires such as family history questionnaire, information provided during blood/saliva collection, verbal information, etc. Response to question "Do you consider yourself to be Hispanic/Latino? "		

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Don't Know/Refused



# Module: family-history

## Module Contents

### cancer

1. [CENTER\\_NO](#)
2. [PERSON\\_ID \(\\*PK\)](#)
3. [TUMOR\\_NO \(\\*PK\)](#)
4. [SITE](#)
5. [LATERAL](#)
6. [HISTO](#)
7. [BEHAV](#)
8. [AGEDX](#)
9. [DXDATE](#)
10. [DXEST](#)
11. [DXSRC](#)
12. [TISSUE](#)
13. [QUALIFY\\_TUMOR](#)

1	<b>CENTER_NO</b>	number (2,0)	Required:true
	Center Identification Number		

#### Allowable Values

11	Sinai Health Systems (formerly Cancer Care Ontario)
12	University of Southern California Consortium (USCC)
13	University of Melbourne
14	University of Hawaii Cancer Center
15	Mayo Clinic
16	Fred Hutch, Seattle
17	University of California at San Francisco (UCSF) (formerly CPIC, originally Northern California (NCCC))

2	<b>PERSON_ID (*PK)</b>	number (12,0)	Required:true
	Number that uniquely identifies an individual. *PERSON_ID + TUMOR_NO are the primary key for this table.		

3	<b>TUMOR_NO (*PK)</b>	number (2,0)	Required:true
	Computer generated sequential number, starting with "1", assigned to each tumor for a given individual when entered into local system. No adjustment is made when a tumor is deleted from the system. Tumor numbers are never reused. Tumor_no is a machine-generated value that has no implied meaning such as sequence of diagnosis. The first tumor that is entered into the system is assigned 1, the second tumor entered into the system assigned 2, etc. For example, if a person has		

two tumors and tumor\_no 2 is deleted, that number should never be reused for that individual. Should that person develop a second primary, that tumor should have tumor\_no set to 3. \*PERSON\_ID + TUMOR\_NO are the primary key for this table. This tumor is also mapped throughout the Registry to all block samples and molecular testing for that PERSON\_ID.

4	<b>SITE</b>	string (4)	Required:true
	Location where this tumor originated in as much detail as is known and for which a code is provided in ICD-O-3.		

**Date Value Check**

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

5	<b>LATERAL</b>	number (1,0)	Required:true
	Laterality of tumor. Side of the body in which the tumor originated. Note: laterality of left and right is not applicable for all sites. Coding for this field is based on SEER, NAACCR and AcoS guidelines.		

**Allowable Values**

**0** Not a paired site

**1** Right

**2** Left

**3** Unilateral, NOS

**4** Bilateral

**5** Midline

**9** Paired site, no information

6	<b>HISTO</b>	number (5,0)	Required:true
	First four digits of the ICD-O-3 morphology code which designates the histologic type of this tumor. Coding for this field is based on SEER, NAACCR and AcoS guidelines.		

Allowable Values	
<b>8000</b> to <b>9990</b>	Range
<b>8000</b>	No specific histologic type information
<b>72860</b>	Keratoacanthoma

7	<b>BEHAV</b>	number (1,0)	Required:false
	ICD-O-3 5th digit behavior code. Coding for this field is based on SEER, NAACCR and AcoS guidelines.		

Allowable Values	
<b>0</b>	Benign
<b>1</b>	Uncertain whether benign or malignant; borderline; low malignant potential
<b>2</b>	Carcinoma in situ
<b>3</b>	Malignant (Invasive)

8	<b>AGEDX</b>	number (3,0)	Required:true
	Age at diagnosis (De-Identified)		

Allowable Values	
<b>996</b>	Less than 20
<b>997</b>	90 or over
<b>998</b>	Less than 1 year
<b>999</b>	Unknown

9	<b>DXDATE</b>	string (8)	Required:true
	Date of diagnosis.		

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

<b>YYYY</b>	1700 (Minimum year) - system date year, 8888, 9999
<b>MM</b>	01 - 12, 88, 99
<b>DD</b>	01 - 31, 88, 99

Allowable Values	
<b>YYYY</b>	Minimum year – system date year, 8888, 9999
<b>MM</b>	01 – 12, 88, 99
<b>DD</b>	01 – 31, 88, 99
<b>If YYYY</b>	9999 then MM and DD must
<b>If MM</b>	99 then DD must

10	<b>DXEST</b>	number (1,0)	Required:true
	Accuracy of diagnosis date.		

Allowable Values	
<b>1</b>	Exact
<b>2</b>	Within 1 year
<b>3</b>	Within 1+ to 5 years
<b>4</b>	Within 5+ to 10 years
<b>5</b>	10 or more years
<b>9</b>	Unknown

11	<b>DXSRC</b>	number (2,0)	Required:true
	Source of diagnosis information (site, histology, behavior, laterality).		

Allowable Values	
<b>1</b>	Pathology review (means your center's pathologist examined the tissue and may have also completed an internal review sheet;)
<b>2</b>	Pathology report (means the documents from the hospital's medical records or pathologist. It often comes with the Biospecimens (block, tissue...))

3	Other hospital record or clinic record
4	Death certificate
5	Self
6	Relative
7	SEER
8	Other cancer registry (e.g. state)
9	Unknown
10	NDI, NDI+, site-specific state death indices (health department)
11	Spouse
12	Other source, for example specialized genealogy

12	<b>TISSUE</b>	number (1,0)	Required:true
Status of tissue procurement.			

Allowable Values	
0	Not needed / not applicable
1	Permission granted by patient, pending request to hospital/clinic
2	Specimen requested from hospital/clinic, awaiting receipt
3	Specimen received
4	Refusal from patient
5	Lost or destroyed
6	Refusal from hospital/clinic
7	Unable to request tissue (tissue location overseas or location is unknown)
8	Pending permission from patient

13	<b>QUALIFY_TUMOR</b>	number (1,0)	Required:false
Flag indicating that the tumor qualifies a population sampled affected proband as eligible for inclusion in the study. The tumor must meet all site-specific eligibility criteria. Synchronous qualifying tumours should be sequentially ordered beginning with the largest in size.			

Date Value Check

The date must follow to the following format:

Format YYYYMMDD. Must consist of valid date.

Components of date should be right justified and zero filled.

MM = 01 - 12, 88, 99

DD = 01 - 31, 88, 99

YYYY = **Minimum year** - system date year, 8888, 9999

Use 88, 8888 for not currently known, in progress to obtain information.

Use 99, 9999 for not known.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If MM = 99 then DD must = 99.

If century is known, but year is unknown then give an estimate of year or code YYYY = 9999.

If YYYY = 9999 then MM and DD must = 99.

The following special parameters are used:

# Module: family-history

## Module Contents

### cause-of-death

- 1.[CENTER\\_NO](#)
- 2.[PERSON\\_ID\(\\*PK\)](#)
- 3.[CRC\\_COD](#)
- 4.[COD\\_IMM\\_ICD](#)
- 5.[COD\\_IMM\\_TXT](#)
- 6.[COD\\_UND1\\_ICD](#)
- 7.[COD\\_UND1\\_TXT](#)
- 8.[COD\\_UND2\\_ICD](#)
- 9.[COD\\_UND2\\_TXT](#)
- 10.[COD\\_UND3\\_ICD](#)
- 11.[COD\\_UND3\\_TXT](#)
- 12.[COD\\_UND4\\_ICD](#)
- 13.[COD\\_UND4\\_TXT](#)
- 14.[COD\\_UND5\\_ICD](#)
- 15.[COD\\_UND5\\_TXT](#)
- 16.[COD\\_UND6\\_ICD](#)
- 17.[COD\\_UND6\\_TXT](#)
- 18.[COD\\_UND7\\_ICD](#)
- 19.[COD\\_UND7\\_TXT](#)
- 20.[COD\\_UND8\\_ICD](#)
- 21.[COD\\_UND8\\_TXT](#)
- 22.[COD\\_UND9\\_ICD](#)
- 23.[COD\\_UND9\\_TXT](#)
- 24.[COD\\_UND10\\_ICD](#)
- 25.[COD\\_UND10\\_TXT](#)
- 26.[COD\\_SOURCE](#)
- 27.[COD\\_ICD\\_VERSION](#)

1	<b>CENTER_NO</b>	number (2,0)	Required:true
	Unique identifier for a CFR center		
Allowable Values			
11	Sinai Health Systems (formerly Cancer Care Ontario)		
12	University of Southern California Consortium (USCC)		
13	University of Melbourne		
14	University of Hawaii Cancer Center		
15	Mayo Clinic		
16	Fred Hutch, Seattle		
17	University of California at San Francisco (UCSF) (formerly CPIC, originally Northern California (NCCC))		

2	<b>PERSON_ID (*PK)</b>	number (12,0)	Required:true				
Identifier for person that is globally unique within the BC-CFR central database. *This field is the primary key for the table.							
3	<b>CRC_COD</b>	number (1,0)	Required:true				
Flag indicating the immediate or underlying cause of death was due to colorectal cancer. ICD-O: C18[0-9]*, C199, C209, C218, C260. ICD-9: 153.[0-9]*, 154.[0-3]*. Text: includes colon, colorectal, bowel, large intestine							
<table border="1" style="width: 100%;"> <tr> <td colspan="2" data-bbox="576 533 1023 591">Allowable Values</td> </tr> <tr> <td data-bbox="576 591 616 649">1</td> <td data-bbox="616 591 1023 649">Cause of death involved CRC</td> </tr> </table>				Allowable Values		1	Cause of death involved CRC
Allowable Values							
1	Cause of death involved CRC						
4	<b>COD_IMM_ICD</b>	string (6)	Required:true				
First, primary or immediate cause of death in ICD. NOTE: Some sources, like SEER, do not give a primary/immediate Cause of Death but only a derived underlying cause of death. In these cases this element should be marked '999999=unknown' and the derived value go into COD_UND1_ICD.							
5	<b>COD_IMM_TXT</b>	string (250)	Required:false				
First, primary or immediate cause of death in text if ICD not available							
6	<b>COD_UND1_ICD</b>	string (6)	Required:false				
First underlying cause of death in ICD. Note for some sources, like SEER, this maybe a derived COD.							
7	<b>COD_UND1_TXT</b>	string (250)	Required:false				
First underlying cause of death in text if no ICD							
8	<b>COD_UND2_ICD</b>	string (6)	Required:false				
2nd underlying cause of death in ICD							
9	<b>COD_UND2_TXT</b>	string (250)	Required:false				
2nd underlying cause of death in text if no ICD							
10	<b>COD_UND3_ICD</b>	string (6)	Required:false				
3rd underlying cause of death in ICD							
11	<b>COD_UND3_TXT</b>	string (250)	Required:false				
3rd underlying cause of death in text if no ICD							



12	<b>COD_UND4_ICD</b>	string (6)	Required:false
	4th underlying cause of death in ICD		
13	<b>COD_UND4_TXT</b>	string (250)	Required:false
	4th underlying cause of death in text if no ICD		
14	<b>COD_UND5_ICD</b>	string (6)	Required:false
	5th underlying cause of death in ICD		
15	<b>COD_UND5_TXT</b>	string (250)	Required:false
	5th underlying cause of death in text if no ICD		
16	<b>COD_UND6_ICD</b>	string (6)	Required:false
	6th underlying cause of death in ICD		
17	<b>COD_UND6_TXT</b>	string (250)	Required:false
	6th underlying cause of death in text if no ICD		
18	<b>COD_UND7_ICD</b>	string (6)	Required:false
	7th underlying cause of death in ICD		
19	<b>COD_UND7_TXT</b>	string (250)	Required:false
	7th underlying cause of death in text if no ICD		
20	<b>COD_UND8_ICD</b>	string (6)	Required:false
	8th underlying cause of death in ICD		
21	<b>COD_UND8_TXT</b>	string (250)	Required:false
	8th underlying cause of death in text if no ICD		
22	<b>COD_UND9_ICD</b>	string (6)	Required:false
	9th underlying cause of death in ICD		
23	<b>COD_UND9_TXT</b>	string (250)	Required:false
	9th underlying cause of death in text if no ICD		
24	<b>COD_UND10_ICD</b>	string (6)	Required:false

10th underlying cause of death in ICD

25	<b>COD_UND10_TXT</b>	string (250)	Required:false
10th underlying cause of death in text if no ICD			

26	<b>COD_SOURCE</b>	number (1,0)	Required:false
Source of Cause of Death for all primary and underlying causes. This should be from the single best source the site has for that individual. General rule of thumb for selecting COD_SOURCE when more than 1 is applicable should be NDI > SEER/Other Cancer Registry > Medical Record > Linkage to other databases > Death Certificate > Family member/spouse/contact. Though this might vary by site. NOTE: The source of the ICD code is derived as follows. For COD_SOURCE options 1,2,3,4,5 & 9 the source of the ICD code is the same as COD_SOURCE. For COD options 6,7,8 the ICD code source is "Assigned by Site".			

Allowable Values	
1	SEER
2	Cancer registry
3	NDI US
4	NDI AUS
5	Linkage_Other database, e.g. Dept of Health
6	Death certificate
7	Medical record
8	Other family member, spouse, friend (contact)
9	Unknown

27	<b>COD_ICD_VERSION</b>	number (2,0)	Required:false
Version of ICD for all cause of deaths from COD source. NOTE: this value is sometimes determined by the ICD version in use at time of death which is usually accurate but not perfect especially if the death occurred in early January when a code change might have been in progress.			

Allowable Values	
2	ICD-2
3	ICD-3
4	ICD-4
5	ICD-5
6	ICD-6
7	ICD-7
8	ICD-8

<b>9</b>	ICD-9
<b>10</b>	ICD-10
<b>88</b>	Not Applicable
<b>99</b>	unknown

# Module: family-history

## Module Contents

### derived-race-ethnicity

1. [CENTER\\_NO](#)
2. [PERSON\\_ID](#)
3. [RACE\\_SUMMARY](#)
4. [RACE\\_SUM\\_NIH](#)
5. [ETHNIC\\_SUM\\_NIH](#)

1	<b>CENTER_NO</b>	number (2,0)	Required:true
	Center Identification Number.		

#### Allowable Values

11	Sinai Health Systems (formerly Cancer Care Ontario)
12	University of Southern California Consortium (USCC)
13	University of Melbourne
14	University of Hawaii Cancer Center
15	Mayo Clinic
16	Fred Hutch, Seattle
17	University of California at San Francisco (UCSF) (formerly CPIC, originally Northern California (NCCC))

2	<b>PERSON_ID</b>	string (12)	Required:true
	Number that uniquely identifies an individual.		

3	<b>RACE_SUMMARY</b>	number (2,0)	Required:true
	A summary of all available RACE variables from both the baseline and follow-up epi questionnaires, including additional information that may have been provided at a later date from other sources.		

#### Allowable Values

1	CAUCASIAN/WHITE
2	BLACK OR AFRICAN AMERICAN (does not include Africans or persons of Caribbean origin)
3	LATINO, HISPANIC, MEXICAN AMERICAN, MEXICAN, CUBAN, PUERTO RICAN
4	JAPANESE (includes Okinawan)
5	CHINESE

6	FILIPINO, MALAY, INDONESIAN
7	KOREAN
8	SOUTHEAST ASIAN (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean)
9	SOUTH ASIAN (such as Indian, Pakistani, Sri Lankan)
10	NATIVE AMERICAN (such as Inuit, Aleutian, First Nations Person)
11	POLYNESIAN (such as Hawaiian, Maori, Samoan, Tongan, Tahitian, Cook Islander)
12	MICRONESIAN (such as Chamorro and Guamanian)
13	AUSTRALIAN ABORIGINAL
14	MELANESIAN (such as Fijian, New Guinean)
15	CARIBBEAN BLACK (such as Jamaican, Trinidadian, Tobagonian)
16	CENTRAL/SOUTH AMERICAN (such as Costa Rican, Salvadorian, Colombian, Brazilian)
17	BLACK AFRICAN
18	NORTH AFRICAN (such as Egyptian, Algerian, Moroccan)
19	MIDDLE EASTERN (such as Iranian, Lebanese, Kuwaiti, Saudi)
20	ASIAN, NOS (Not otherwise specified)
97	MORE THAN ONE RACE
98	OTHER
99	UNKNOWN/REFUSED

4	<b>RACE_SUM_NIH</b>	number (2,0)	Required:true
	Summarizes RACE into one of 5 NIH categories. If a subject falls into more than one category they are grouped into '6=More than one race'.		

Allowable Values	
1	AMERICAN INDIAN
2	ASIAN
3	PACIFIC ISLANDER
4	BLACK
5	WHITE
6	MORE THAN ONE RACE
99	UNKNOWN

5	<b>ETHNIC_SUM_NIH</b>	number (1,0)	Required:true
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A summary of ethnicity based on answers provided in baseline and follow-up questionnaires (if answered) Response to question “Do you consider yourself to be Hispanic/Latino?”

Allowable Values

**1** Yes

**2** No

**9** Unknown