

# Module: colon-epi-part1

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

Allowable Values	
<b>11</b>	Sinai Health Systems (formerly Cancer Care Ontario)
<b>12</b>	Cedars-Sinai & Cleveland Clinic (formerly USC Consortium)
<b>13</b>	University of Melbourne
<b>14</b>	University of Hawaii Cancer Center
<b>15</b>	Mayo Clinic
<b>16</b>	Fred Hutch, Seattle

2	<b>PERSON_ID (*PK)</b>	string (12)	Required: true
Number that uniquely identifies an individual. *PERSON_ID is the primary key for the table.			

3	<b>SEX</b>	number (1,0)	Required: true
Are you male or female? (Ref. 1.1.)			

Allowable Values	
1	Male
2	Female
3	Other
9	Unknown

4	<b>AGE_EPI</b>	number (3,0)	Required: true
What is your age? (Ref. 1.2)			

Allowable Values	
1 to 120 or 999	Range
999	Unknown

5	<b>MARSTAT</b>	number (1,0)	Required: true
What is your marital status? (Ref. 1.5)			

Allowable Values	
1	Single/Never Married
2	Currently Married/Living as Married
3	Separated
4	Divorced
5	Widowed
9	Unknown

6	<b>HEMOCCULT</b>	number (1,0)	Required: true

Allowable Values	
1	Yes
2	No
9	Unknown
8	Not Asked

	<b>HEMOCCULT_1ST_AGE</b>	number (3,0)	Required: false
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7 When did you first have a hemoccult test? (Ref. 2.1.1)

Allowable Values	
1 to 120 or 999	Range
999	Unknown

**Error Description**

- When HEMOCCULT equals 1, HEMOCCULT\_1ST\_AGE must not be null
- When HEMOCCULT is not equal to 1, HEMOCCULT\_1ST\_AGE must be null
- When HEMOCCULT\_1ST\_AGE is not equal to 999, HEMOCCULT\_1ST\_AGE must be less than AGE\_EPI ERROR :When HEMOCCULT equals 1, HEMOCCULT\_1ST\_AGE must not be null
- When HEMOCCULT is not equal to 1, HEMOCCULT\_1ST\_AGE must be null
- When HEMOCCULT\_1ST\_AGE is not equal to 999, HEMOCCULT\_1ST\_AGE must be less than AGE\_EPI

8 **H1\_PROBLEM** number (1,0) Required: false

Does the reason for your first hemoccult test include "investigating a new problem"? (Ref. 2.1.2)

Allowable Values	
1	Yes
2	No
9	Unknown

**Error Description**

- When HEMOCCULT equals 1, H1\_PROBLEM must not be null
- When HEMOCCULT is not equal to 1, H1\_PROBLEM must be null
- When HEMOCCULT equals 1, H1\_PROBLEM must not be null
- When HEMOCCULT is not equal to 1, H1\_PROBLEM must be null

9 **H1\_FAMHX** number (1,0) Required: false

Does the reason for your first hemoccult test include "family history of colorectal cancer"? (Ref. 2.1.2)

Allowable Values	
1	Yes
2	No
9	Unknown

**Error Description**

- When HEMOCCULT equals 1, H1\_FAMHX must not be null
- When HEMOCCULT is not equal to 1, H1\_FAMHX must be null

10 **H1\_ROUTINE** number (1,0) Required: false

Does the reason for your first hemoccult test include "routine/yearly exam or check-up"? (Ref. 2.1.2)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

When HEMOCCULT equals 1, H1\_ROUTINE must not be null

When HEMOCCULT is not equal to 1, H1\_ROUTINE must be null

11	<b>H1_FU_PROB</b>	number (1,0)	Required:false
Does the reason for your first hemoccult test include "follow-up of a previous problem"? (Ref. 2.1.2)			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

When HEMOCCULT equals 1, H1\_FU\_PROB must not be null

When HEMOCCULT is not equal to 1, H1\_FU\_PROB must be null

12	<b>H1_FU_FOBT</b>	number (1,0)	Required:false
Did the reason for your first hemoccult test include "follow-up of a previous hemoccult or fecal occult blood test (FOBT)"?			

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

**Error Description**

HEMOCCULT = 1, must not be null

HEMOCCULT is not 1, must be null

13	<b>H1_OTHER</b>	number (1,0)	Required:false
Does the reason for your first hemoccult test include other reasons? (Ref. 2.1.2)			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

When HEMOCCULT equals 1, H1\_OTHER must not be null

When HEMOCCULT is not equal to 1, H1\_OTHER must be null

14	<b>H1_OTHER_TEXT</b>	string (40)	Required:false
What are the specific reasons for your first hemoccult test? (Ref. 2.1.2)			

Error Description	
When HEMOCCULT is equals 1 and H1_OTHER equals 1, H1_OTHER_TEXT must NOT be null	
When HEMOCCULT is not equal to 1, H1_OTHER_TEXT must be null	
When H1_OTHER is not equal to 1, H1_OTHER_TEXT must be null	

15	<b>HEMOCCULT_NO</b>	number (3,0)	Required:false
How many separate hemoccult tests have you had? (Ref. 2.1.3)			

Allowable Values	
<b>1 to 98 or 99,888</b>	Range
<b>99</b>	Unknown
<b>888</b>	Not Asked

Error Description	
When HEMOCCULT equals 1, HEMOCCULT_NO must not be null	
When HEMOCCULT is not equal to 1, HEMOCCULT_NO must be null	

16	<b>HEMOCCULT_LST_AGE</b>	number (3,0)	Required:false
At what age did you last have a hemoccult test? (Ref. 2.1.4)			

Allowable Values	
<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

Error Description	
When HEMOCCULT equals 1 and HEMOCCULT_NO is greater than 1 and HEMOCCULT_NO is not equal to 99 HEMOCCULT_LST_AGE must NOT be null	
When HEMOCCULT is not equal to 1, HEMOCCULT_LST_AGE must be null	
When HEMOCCULT_1ST_AGE is not null and HEMOCCULT_1ST_AGE is not 999, and HEMOCCULT_LST_AGE is not 999 and not null, HEMOCCULT_LST_AGE must be greater than or equal to HEMOCCULT_1ST_AGE	
When HEMOCCULT_LST_AGE is not 999 it must be less than or equal to AGE_EPI	

17	<b>SIGSCOPE</b>	number (1,0)	Required:true
Have you ever had a sigmoidoscopy? (Sigmoidoscopy involves looking inside the lower bowel and rectum with a lighted instrument. This examination is usually done in a doctor's office without anesthesia.) (Ref. 2.2)			

Allowable Values	
<b>1</b>	Yes

2	No
9	Unknown
8	Not Asked

18 **SIGSCOPE\_1ST\_AGE** number (3,0) Required: false

At what age did you first have a sigmoidoscopy? (Ref. 2.2.1)

Allowable Values	
1 to 120 or 999	Range
999	Unknown

**Error Description**

When SIGSCOPE is equal to 1, SIGSCOPE\_1ST\_AGE must NOT be null

When SIGSCOPE is not equal to 1, SIGSCOPE\_1ST\_AGE must be null

When SIGSCOPE\_1ST\_AGE is not equal to 999, SIGSCOPE\_1ST\_AGE must less than or equal to AGE\_EPI

19 **S1\_PROBLEM** number (1,0) Required: false

Did the reason for your first sigmoidoscopy include "investigating a new problem"? (Ref. 2.2.2.)

Allowable Values	
1	Yes
2	No
9	Unknown

**Error Description**

When SIGSCOPE is equal to 1, S1\_PROBLEM must NOT be null

When SIGSCOPE is not equal to 1, S1\_PROBLEM must be null

20 **S1\_FAMHX** number (1,0) Required: false

Did the reason for your first sigmoidoscopy include "family history of colorectal cancer"? (Ref. 2.2.2.)

Allowable Values	
1	Yes
2	No
9	Unknown

**Error Description**

When SIGSCOPE is equal to 1, S1\_FAMHX must NOT be null

When SIGSCOPE is not equal to 1, S1\_FAMHX must be null

21 **S1\_ROUTINE** number (1,0) Required: false

Did the reason for your first sigmoidoscopy include "routine/yearly exam or check-up"? (Ref. 2.2.2.)



Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

When SIGSCOPE is equal to 1, S1\_ROUTINE must NOT be null

When SIGSCOPE is not equal to 1, S1\_ROUTINE must be null

22	<b>S1_FU_PROB</b>	number (1,0)	Required:false
Did the reason for your first sigmoidoscopy include "follow-up of a previous problem"? (Ref. 2.2.2)			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

When SIGSCOPE is equal to 1, S1\_FU\_PROB must NOT be null

When SIGSCOPE is not equal to 1, S1\_FU\_PROB must be null

23	<b>S1_FU_FOBT</b>	number (1,0)	Required:false
Did the reason for your first sigmoidoscopy include "follow-up of a previous hemoccult or Fecal occult blood test (FOBT)"?			

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

**Error Description**

SIGSCOPE = 1, must not be null

SIGSCOPE is not 1, must be null

24	<b>S1_OTHER</b>	number (1,0)	Required:false
Did the reason for your first sigmoidoscopy include other reasons? (Ref. 2.2.2)			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

When SIGSCOPE is equal to 1, S1\_OTHER must NOT be null

When SIGSCOPE is not equal to 1, S1\_OTHER must be null

25 **S1\_OTH\_TEXT** string (40) Required: false

What are the specific reasons for your first sigmoidoscopy?

**Error Description**

When SIGSCOPE is equal to 1 AND S1\_OTHER equals 1, S1\_OTH\_TEXT must NOT be null

When SIGSCOPE is not equal to 1, S1\_OTH\_TEXT must be null

When S1\_OTHER is not equal to 1, S1\_OTH\_TEXT must be null

26 **SIGSCOPE\_NO** number (2,0) Required: false

How many separate sigmoidoscopies have you had? (Ref. 2.2.3)

Allowable Values

**1 to 98 or 99, 888** Range

**99** Unknown

**888** Not Asked

**Error Description**

When SIGSCOPE is equal to 1, SIGSCOPE\_NO must NOT be null

When SIGSCOPE is not equal to 1, SIGSCOPE\_NO must be null

27 **SIGSCOPE\_LST\_AGE** number (3,0) Required: false

How old were you when you had your last sigmoidoscopy? (Ref. 2.2.4)

Allowable Values

**1 to 120 or 999** Range

**999** Unknown

**Error Description**

When SIGSCOPE equals 1 and SIGSCOPE\_NO is greater than 1 and SIGSCOPE\_NO is not equal to 99 SIGSCOPE\_LST\_AGE must NOT be null

When SIGSCOPE is not equal to 1, SIGSCOPE\_LST\_AGE must be null

SIGSCOPE\_LST\_AGE must be greater than or equal to SIGSCOPE\_1ST\_AGE

When SIGSCOPE\_LST\_AGE is not 999 it must be less than or equal to AGE\_EPI

28 **COLSCOPE** number (1,0) Required: true

Have you ever had a colonoscopy? (A colonoscopy is an examination of the entire large bowel using a long flexible instrument. This examination is usually done under sedation). (Ref. 2.3)

Allowable Values

**1** Yes

**2** No

8	Not Asked
9	Unknown

29	<b>COLSCOPE_1ST_AGE</b>	number (3,0)	Required:false
How old were you when you had your first colonoscopy? (Ref. 2.3.1)			

Allowable Values	
1 to 120 or 999	Range
999	Unknown

<b>Error Description</b>
When COLSCOPE is equal to 1, COLSCOPE1ST_AGE must NOT be null
When COLSCOPE is not equal to 1, COLSCOPE_1ST_AGE must be null
When COLSCOPE_1ST_AGE is not equal to 999, COLSCOPE_1ST_AGE must less than or equal to AGE_EPI

30	<b>C1_PROBLEM</b>	number (1,0)	Required:false
Did the reasons for your first colonoscopy include "investigating a new problem"? (Ref. 2.3.2)			

Allowable Values	
1	Yes
2	No
9	Unknown

<b>Error Description</b>
When COLSCOPE is equal to 1, C1_PROBLEM must NOT be null
When COLSCOPE is not equal to 1, C1_PROBLEM must be null

31	<b>C1_FAMHX</b>	number (1,0)	Required:false
Did the reasons for your first colonoscopy include "a family history of colorectal cancer"? (Ref. 2.3.2)			

Allowable Values	
1	Yes
2	No
9	Unknown

<b>Error Description</b>
When COLSCOPE is equal to 1, C1_FAMHX must NOT be null
When COLSCOPE is not equal to 1, C1_FAMHX must be null

32	<b>C1_ROUTINE</b>	number (1,0)	Required:false
Did the reasons for your first colonoscopy include "routine/yearly exam or check-up"? (Ref. 2.3.2)			

Allowable Values	
------------------	--

- |   |         |
|---|---------|
| 1 | Yes     |
| 2 | No      |
| 9 | Unknown |

**Error Description**

When COLSCOPE is equal to 1, C1\_ROUTINE must NOT be null

When COLSCOPE is not equal to 1, C1\_ROUTINE must be null

33	<b>C1_FU_PROB</b>	number (1,0)	Required:false
Did the reasons for your first colonoscopy include "follow-up of a previous problem"? (Ref. 2.3.2)			

- Allowable Values
- |   |         |
|---|---------|
| 1 | Yes     |
| 2 | No      |
| 9 | Unknown |

**Error Description**

When COLSCOPE is equal to 1, C1\_FU\_PROB must NOT be null

When COLSCOPE is not equal to 1, C1\_FU\_PROB must be null

34	<b>C1_FU_FOBT</b>	number (1,0)	Required:false
Did the reason for your first colonoscopy include "follow-up of a previous hemoccult or Fecal occult blood test (FOBT)"?			

- Allowable Values
- |   |           |
|---|-----------|
| 1 | Yes       |
| 2 | No        |
| 8 | Not Asked |
| 9 | Unknown   |

**Error Description**

COLSCOPE = 1, must not be null

COLSCOPE is not 1, must be null

35	<b>C1_OTHER</b>	number (1,0)	Required:false
Did the reasons for your first colonoscopy include other reasons? (Ref. 2.3.2)			

- Allowable Values
- |   |         |
|---|---------|
| 1 | Yes     |
| 2 | No      |
| 9 | Unknown |

**Error Description**

When COLSCOPE is equal to 1, C1\_OTHER must NOT be null

When COLSCOPE is not equal to 1, C1\_OTHER must be null

36 **C1\_OTH\_TEXT** string (40) Required:false  
What are the specific reasons for your first colonoscopy? (Ref. 2.3.2)

**Error Description**

When COLSCOPE is equal to 1 AND C1\_OTHER equals 1, C1\_OTH\_TEXT must NOT be null

When COLSCOPE is not equal to 1, C1\_OTH\_TEXT must be null

When C1\_OTHER is not equal to 1, C1\_OTH\_TEXT must be null

37 **COLSCOPE\_NO** number (2,0) Required:false  
How many separate colonoscopies have you had? (Ref. 2.3.3)

Allowable Values

**1 to 98 or 99,888** Range

**99** Unknown

**888** Not Asked

**Error Description**

When COLSCOPE is equal to 1, COLSCOPE\_NO must NOT be null

When COLSCOPE is not equal to 1, COLSCOPE\_NO must be null

38 **COLSCOPE\_LST\_AGE** number (3,0) Required:false  
How old were you when you had your last colonoscopy? (Ref. 2.3.4)

Allowable Values

**1 to 120 or 999** Range

**999** Unknown

**Error Description**

When COLSCOPE equals 1 and COLSCOPE\_NO is greater than 1 and COLSCOPE\_NO is not equal to 99 COLSCOPE\_LST\_AGE must NOT be null

When COLSCOPE is not equal to 1, COLSCOPE\_LST\_AGE must be null

COLSCOPE\_LST\_AGE must be greater than or equal to COLSCOPE\_1ST\_AGE

When COLSCOPE\_LST\_AGE is not 999 it must be less than or equal to AGE\_EPI

39 **BARIUM** number (1,0) Required:true  
A barium enema (BE) is an x-ray examination of your colon. In this procedure a special solution, and generally air is pumped into the colon or bowel through the rectum, so these organs can be seen on the x-ray. Have you ever had a barium enema/x-ray test?

Allowable Values

**1** Yes

**2** No

- 8 Not Asked
- 9 Unknown

40	<b>B1_PROBLEM</b>	number (1,0)	Required: false
Did the reason for your first barium enema/x-ray test include "investigating a new problem"?			

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown
  - 8 Not Asked

**Error Description**

BARIUM = 1, must not be null

BARIUM is not 1, must be null

41	<b>B1_FAMHX</b>	number (1,0)	Required: false
Did the reason for your first barium enema/x-ray test include "family history of colorectal cancer"?			

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown
  - 8 Not Asked

**Error Description**

BARIUM = 1, must not be null

BARIUM is not 1, must be null

42	<b>B1_ROUTINE</b>	number (1,0)	Required: false
Did the reason for your first barium enema/x-ray test include "routine/yearly exam or check-up"?			

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown
  - 8 Not Asked

**Error Description**

BARIUM = 1, must not be null

BARIUM is not 1, must be null

43 **B1\_FU\_PROB** number (1,0) Required:false

Did the reason for your first barium enema/x-ray test include "follow-up of a previous problem"?

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**Error Description**

BARIUM = 1, must not be null

BARIUM is not 1, must be null

44 **B1\_FU\_FOBT** number (1,0) Required:false

Did the reason for your first barium enema/x-ray test include "follow-up of a previous hemoccult or Fecal occult blood test (FOBT)"?

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**Error Description**

BARIUM = 1, must not be null

BARIUM is not 1, must be null

45 **B1\_OTHER** number (1,0) Required:false

Did the reason for your first barium enema/x-ray test include other reasons?

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**Error Description**

BARIUM = 1, must not be null

BARIUM is not 1, must be null

46 **B1\_OTH\_TEXT** string (40) Required:false

What are the specific reasons for your first Barium enema/x-ray test?

Error Description
BARIUM = 1 or 8 and B1_OTHER = 1, must not be null
BARIUM is not 1, must be null
B1_OTHER is not 1, must be null

47	<b>BARIUM_NO</b>	number (2,0)	Required:false
How many separate barium enema/x-ray test have you had?			

Allowable Values	
<b>1 to 98 or 99 or 888</b>	Range
<b>99</b>	Unknown
<b>888</b>	Not Asked

Error Description
BARIUM = 1, must not be null
BARIUM is not 1, must be null

48	<b>BARIUM_1ST_AGE</b>	number (3,0)	Required:false
How old were you when you had your first barium enema/x-ray test?			

Allowable Values	
<b>1 to 120 or 999,888</b>	Range
<b>999</b>	Unknown
<b>888</b>	Not Asked

Error Description
BARIUM = 1, must not be null
BARIUM is not 1, must be null
When BARIUM_1ST_AGE is not equal to 999, BARIUM_1ST_AGE must less than or equal to AGE_EPI

49	<b>BARIUM_LST_AGE</b>	number (3,0)	Required:false
How old were you when you had your last barium enema/x-ray test?			

Allowable Values	
<b>1 to 120 or 999, 888</b>	Range
<b>999</b>	Unknown
<b>888</b>	Not Asked

Error Description
BARIUM = 1 and BARIUM_NO greater than 1 and BARIUM_NO is not 99, must not be null
BARIUM_NO = 1, must be null
When BARIUM_LST_AGE is not equal to 999, BARIUM_LST_AGE must less than or equal to AGE_EPI



must be greater than or equal to BARIUM\_1ST\_AGE

50	<b>VIRTUAL_COLSCOPE</b>	number (1,0)	Required:true
Have you ever had a CT colonograph or a virtual colonoscopy test?			

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

51	<b>VC1_PROBLEM</b>	number (1,0)	Required:false
Did the reason for your first virtual colonoscopy include "investigating a new problem"?			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**Error Description**

VIRTUAL\_COLSCOPE = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

52	<b>VC1_FAMHX</b>	number (1,0)	Required:false
Did the reason for your first virtual colonoscopy include "family history of colorectal cancer"?			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**Error Description**

VIRTUAL\_COLSCOPE = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

53	<b>VC1_ROUTINE</b>	number (1,0)	Required:false
Did the reason for your first virtual colonoscopy include "routine/yearly exam or check-up"?			

Allowable Values

- 1 Yes
- 2 No

9 Unknown

8 Not Asked

**Error Description**

VIRTUAL\_COLSCOPE = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

54 **VC1\_FU\_PROB**

number (1,0)

Required:false

Did the reason for your first virtual colonoscopy include "follow-up of a previous problem"?

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

**Error Description**

VIRTUAL\_COLSCOPE = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

55 **VC1\_FU\_FOBT**

number (1,0)

Required:false

Did the reason for your first virtual colonoscopy include "follow-up of a previous hemoccult or Fecal occult blood test (FOBT)"?

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

**Error Description**

VIRTUAL\_COLSCOPE = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

56 **VC1\_OTHER**

number (1,0)

Required:false

Did the reason for your first virtual colonoscopy include other reasons?

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

**Error Description**

VIRTUAL\_COLSCOPE = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

57 **VC1\_OTH\_TEXT** string (40) Required:false  
What are the specific reasons for your first virtual colonoscopy?

**Error Description**

VIRTUAL\_COLSCOPE = 1,8 and VC1\_OTHER = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

VC1\_OTHER is not 1, must be null

58 **VC\_NO** number (2,0) Required:false  
How many separate virtual colonoscopies have you had?

Allowable Values

**1 to 98 or 99 or 888** Range

**99** Unknown

**888** Not Asked

**Error Description**

VIRTUAL\_COLSCOPE = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

59 **VC\_1ST\_AGE** number (3,0) Required:false  
How old were you when you had your first virtual colonoscopy?

Allowable Values

**1 to 120 or 999,888** Range

**999** Unknown

**888** Not Asked

**Error Description**

VIRTUAL\_COLSCOPE = 1, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

When VC\_1ST\_AGE is not equal to 999, VC\_1ST\_AGE must less than or equal to AGE\_EPI

60 **VC\_LST\_AGE** number (3,0) Required:false  
How old were you when you had your last barium enema/x-ray test?

Allowable Values

**1 to 120 or 999, 888** Range

**999** Unknown

## Error Description

VIRTUAL\_COLSCOPE = 1 and VC\_NO greater than 1 and VC\_NO is not 99, must not be null

VIRTUAL\_COLSCOPE is not 1, must be null

VC\_NO = 1, must be null

When VC\_LST\_AGE is not equal to 999, VC\_LST\_AGE must less than or equal to AGE\_EPI

must be greater than or equal to VC\_1ST\_AGE

61 **POLYPS** number (1,0) Required: true  
Has a doctor ever told you that you had polyps in your large bowel or colon or rectum? (Ref. 2.4)

## Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

62 **POLYP\_1ST\_AGE** number (3,0) Required: false  
How old were you when your doctor first told you that you had polyps? (Ref. 2.4.1)

## Allowable Values

1 to 120 or 999 Range

999 Unknown

## Error Description

When POLYPS is equal to 1, POLYP\_1ST\_AGE must NOT be null

When POLYPS is not equal to 1, POLYP\_1ST\_AGE must be null

When POLYP\_1ST\_AGE is not equal to 999, POLYP\_1ST\_AGE must be less than or equal to AGE\_EPI

63 **POLYP\_TOLD** number (1,0) Required: false  
Have you been told that you had polyps more than once? (Ref. 2.4.2)

## Allowable Values

1 Yes

2 No

9 Unknown

## Error Description

When POLYPS is equal to 1, POLYP\_TOLD must NOT be null

When POLYPS is not equal to 1, POLYP\_TOLD must be null

64 POLYP\_LST\_AGE number (3,0) Required:false

How old were you when your doctor last told you that you had polyps? (Ref. 2.4.2.1)

Allowable Values

1 to 120 or 999

Range

999

Unknown

Error Description

When POLYPS equal to 1 and POLYP\_TOLD equals 1, POLYP\_LST\_AGE must NOT be null

When POLYPS is not equal to 1, POLYP\_LST\_AGE must be null

When POLYP\_TOLD is not equal to 1, POLYP\_LST\_AGE must be null

POLYP\_LST\_AGE must be greater than or equal to POLYP\_1ST\_AGE

When POLYP\_LST\_AGE is not equal to 999, POLYP\_LST\_AGE must be less than or equal to AGE\_EPI

65 POLYP\_BENIGN number (1,0) Required:false

Do you know if your Polyps were benign? (Ref. 2.4.3)

Allowable Values

1

Yes

2

No

9

Unknown

Error Description

When POLYPS is equal to 1, POLYP\_BENIGN must NOT be null

When POLYPS is not equal to 1, POLYP\_BENIGN must be null

66 POLYP\_ADEN number (1,0) Required:false

Do you know if your polyps were adenomatous (pre-cancerous)? (Ref. 2.4.3)

Allowable Values

1

Yes

2

No

9

Unknown

Error Description

When POLYPS is equal to 1, POLYP\_ADEN must NOT be null

When POLYPS is not equal to 1, POLYP\_ADEN must be null

67 POLYP\_OTH number (1,0) Required:false

Do you know if your polyps were something other than benign or adenomatous (pre-cancerous)? (Ref. 2.4.3)

Allowable Values

1

Yes

- 2 No
- 9 Unknown

**Error Description**

When POLYPS is equal to 1, POLYP\_OTH must NOT be null

When POLYPS is not equal to 1, POLYP\_OTH must be null

68	<b>POLYPS_OTH_TEXT</b>	string (40)	Required: false
Specify what your polyps were if it was not benign or adenomatous. (Ref. 2.4.3)			

**Error Description**

When POLYPS equal to 1 and POLYP\_OTH equals 1, POLYPS\_OTH\_TEXT must NOT be null

When POLYPS is not equal to 1, POLYPS\_OTH\_TEXT must be null

When POLYP\_OTH is not equal to 1, POLYPS\_OTH\_TEXT must be null

69	<b>POLYPECTOMY</b>	number (1,0)	Required: false
Did you have the polyps removed by a procedure called a polypectomy (this can be done during a sigmoidoscopy or a colonoscopy)? (Ref. 2.4.4)			

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown

**Error Description**

When POLYPS is equal to 1, POLYPECTOMY must NOT be null

When POLYPS is not equal to 1, POLYPECTOMY must be null

70	<b>PR_1ST_AGE</b>	number (3,0)	Required: false
How old were you when you first had the polyps removed? (Ref. 2.4.4.1)			

- Allowable Values
- 1 to 120 or 999 Range
  - 999 Unknown

**Error Description**

When POLYPS is equal to 1 and POLYPECTOMY equals 1, PR\_1ST\_AGE must NOT be null

When POLYPS is not equal to 1, PR\_1ST\_AGE must be null

When POLYPECTOMY is not equal to 1, PR\_1ST\_AGE must be null

If PR\_1ST\_AGE is not equal to 999, PR\_1ST\_AGE must be less than or equal to AGE\_EPI

71	<b>POLYP_REM</b>	number (1,0)	Required: false
Have you had polyps removed more than once? (Ref. 2.4.4.2)			

Allowable Values

1	Yes
2	No
9	Unknown

**Error Description**

When POLYPS is equal to 1 and POLYPECTOMY equals 1, POLYP\_REM must NOT be null

When POLYPS is not equal to 1, POLYP\_REM must be null

When POLYPECTOMY is not equal to 1, POLYP\_REM must be null

72

**PR\_LST\_AGE**

number (3,0)

Required:false

How old were you when you last had polyps removed? (Ref. 2.4.4.2.1)

Allowable Values

1 to 120 or 999	Range
999	Unknown

**Error Description**

When POLYPS is equal to 1 and POLYPECTOMY equals 1 and POLYP\_REM equals 1, PR\_LST\_AGE must NOT be null

When POLYPS is not equal to 1, PR\_LST\_AGE must be null

When POLYPECTOMY is not equal to 1, PR\_LST\_AGE must be null

When POLYP\_REM is not equal to 1, PR\_LST\_AGE must be null

PR\_LST\_AGE must be greater than or equal to PR\_1ST\_AGE

If PR\_LST\_AGE is not equal to 999 , it must be less than or equal to AGE\_EPI

73

**FAP**

number (1,0)

Required:true

Has a doctor ever told you that you had familial adenomatous polyposis (FAP)? (This is a condition, sometimes occurring in families, in which numerous polyps line the inside of the large bowel or colon.) (Ref. 2.5)

Allowable Values

1	Yes
2	No
9	Unknown
8	Not Asked

74

**FAP\_1ST\_AGE**

number (3,0)

Required:false

How old were you when your doctor first told you that you had FAP? (Ref. 2.5.1)

Allowable Values

1 to 120 or 999	Range
999	Unknown

**Error Description**

If FAP equals 1, then FAP\_1ST\_AGE must not be null

If FAP does not equal 1, then FAP\_1ST\_AGE must be null

If FAP\_1ST\_AGE does not equal 999, then FAP\_1ST\_AGE must be less than or equal to AGE\_EPI

**CROHNS**

number (1,0)

Required: true

75

Has a doctor ever told you that you had Cohn's disease? (This is where you have an inflammation that extends into the deeper layers of the intestinal wall. It may also affect other parts of the digestive tract, including the mouth, esophagus, stomach, and small intestine.) (Ref. 2.6)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**CROHNS\_1ST\_AGE**

number (3,0)

Required: false

76

How old were you when your doctor first told you that you had Cohn's disease? (Ref. 2.6.1)

Allowable Values

- 1 to 120 Range
- 999 Unknown

**Error Description**

must be 1-120 or 999

If CROHNS equals 1, then CROHNS\_1ST\_AGE must not be null

If CROHNS does not equal 1, then CROHNS\_1ST\_AGE must be null

If CROHNS\_1ST\_AGE does not equal 999, then CROHNS\_1ST\_AGE must be less than or equal to AGE\_EPI

**COLITIS**

number (1,0)

Required: true

77

Has a doctor ever told you that you had ulcerative colitis? (This is an inflammation and ulceration of the lining of the bowel (colon) and rectum. It is not a stomach ulcer.) (Ref. 2.7)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**COLITIS\_1ST\_AGE**

number (3,0)

Required: false

78

How old were you when your doctor first told you that you had ulcerative colitis? (Ref. 2.7.1)

Allowable Values

--	--



<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

Error Description
If COLITIS equals 1, then COLITIS_1ST_AGE must not be null
If COLITIS does not equal 1, then COLITIS_1ST_AGE must be null
If COLITIS_1ST_AGE does not equal 999, then COLITIS_1ST_AGE must be less than or equal to AGE_EPI

79	<b>IRR_BOWEL</b>	number (1,0)	Required: true
Has a doctor ever told you that you had irritable bowel syndrome? (This is a disorder of the bowels leading to cramping, gassiness, bloating, and alternating diarrhea and constipation.) (Ref. 2.8)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

80	<b>IRR_BOWEL_AGE</b>	number (3,0)	Required: false
How old were you when your doctor first told you that you had irritable bowel syndrome? (Ref. 2.8.1)			

Allowable Values	
<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

Error Description
If IRR_BOWEL equals 1, then IRR_BOWEL_AGE must not be null
If IRR_BOWEL does not equal 1, then IRR_BOWEL_AGE must be null
If IRR_BOWEL_AGE does not equal 999, then IRR_BOWEL_AGE must be less than or equal to AGE_EPI

81	<b>DIVERTIC</b>	number (1,0)	Required: true
Has a doctor ever told you that you had diverticular disease? (This may also be called diverticulosis or diverticulitis. It's a condition in which the bowel may become infected and can lead to pain and chronic problems with bowel habits.) (Ref. 2.9)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

82	<b>DIVERTIC_AGE</b>	number (3,0)	Required: false
How old were you when a doctor first told you that you had diverticular disease? (Ref. 2.9.1)			

Allowable Values	
<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

<b>Error Description</b>
If DIVERTIC equals 1, then DIVERTIC_AGE must not be null
If DIVERTIC does not equal 1, then DIVERTIC_AGE must be null
If DIVERTIC_AGE does not equal 999, then DIVERTIC_AGE must be less than or equal to AGE_EPI

83	<b>COLON_REM</b>	number (1,0)	Required: true
Have you ever had any of your large bowel or colon removed? (Ref. 2.10)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

84	<b>COL_REM_EXT</b>	number (1,0)	Required: false
Was your large bowel or colon completely removed or was only part of it removed? (Ref. 2.10.1)			

Allowable Values	
<b>1</b>	Completely Removed
<b>2</b>	Partially Removed
<b>9</b>	Unknown

<b>Error Description</b>
If COLON_REM equals 1, then COL_REM_EXT must NOT be null
If COLON_REM does not equal 1, then COL_REM_EXT must be null

85	<b>COL_REM_1ST_AGE</b>	number (3,0)	Required: false
How old were you when you first had any of your bowel or colon removed? (Ref. 2.10.2)			

Allowable Values	
<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

<b>Error Description</b>
If COLON_REM equals 1, then COL_REM_1ST_AGE must NOT be null
If COLON_REM does not equal 1, then COL_REM_1ST_AGE must be null
If COL_REM_1ST_AGE does not equal 999, then COL_REM_1ST_AGE must be less than or equal to AGE_EPI

86 COL\_SURG number (1,0) Required:false

Have you had more than one surgery to remove your bowel or colon?

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

Error Description

If COLON\_REM equals 1, then COL\_SURG must NOT be null

If COLON\_REM does not equal 1, then COL\_SURG must be null

87 COL\_REM\_LST\_AGE number (3,0) Required:false

How old were you when you last had the operation to remove all or part of your bowel or colon? (Ref. 2.10.3.1)

Allowable Values

- 1 to 120 Range
- 999 Unknown

Error Description

must be 1-120 or 999

If COLON\_REM equals 1 and COL\_SURG equals 1 then COL\_REM\_LST\_AGE must NOT be null

If COLON\_REM does not equal 1, then COL\_REM\_LST\_AGE must be null

If COL\_SURG does not equal 1, then COL\_REM\_LST\_AGE must be null

COL\_REM\_LST\_AGE must be greater than or equal to COL\_REM\_1ST\_AGE

If COL\_REM\_LST\_AGE does not equal 999, then COL\_REM\_LST\_AGE must be less than or equal to AGE\_EPI

88 GB\_SURG number (1,0) Required:true

Have you had your gallbladder removed? (Ref. 2.11)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

89 GB\_REM\_AGE number (3,0) Required:false

How old were you when you had your gallbladder removed? (Ref. 2.11.1)

Allowable Values

- 1 to 120 or 999 Range
- 999 Unknown

**Error Description**

If GB\_SURG equals 1, then GB\_REM\_AGE must NOT be null

If GB\_SURG does not equal 1, then GB\_REM\_AGE must be null

If GB\_REM\_AGE does not equal 999, then GB\_REM\_AGE must be less than or equal to AGE\_EPI

**DIABETES**

number (1,0)

Required:true

90

Has a doctor ever told you that you had diabetes, also known as diabetes mellitus? (Note: this does not include gestational diabetes/diabetes you had only during pregnancy) (Ref. 2.12)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

**DIAB\_AGE**

number (3,0)

Required:false

91

How old were you when your doctor first told you that you had diabetes. (Ref. 2.12.1)

Allowable Values

1 to 120 or 999 Range

999 Unknown

**Error Description**

If DIABETES equals 1, then DIAB\_AGE must NOT be null

If DIABETES does not equal 1, then DIAB\_AGE must be null

If DIAB\_AGE does not equal 999, then DIAB\_AGE must be less than or equal to AGE\_EPI

**DIAB\_MEDS**

number (1,0)

Required:false

92

Did you ever take medication to control your diabetes? (Ref. 2.12.2)

Allowable Values

1 Yes

2 No

9 Unknown

**Error Description**

If DIABETES equals 1, then DIAB\_MEDS must NOT be null

If DIABETES does not equal 1, then DIAB\_MEDS must be null

**DIAB\_MED\_TYP**

number (1,0)

Required:false

93

What type of medication did you use, pills or insulin injections? (Ref. 2.12.2.1) Note: Insulin pump (values 4-7) will be an option for all of the centers.

Allowable Values	
1	Pills
2	Insulin Injections
3	Both Pills and Insulin Injections
4	Insulin Pump
5	Both Pills and Insulin Pump
6	Both Insulin Injections + Insulin Pump
7	Both Pills, Insulin Injections, + Insulin Pump
9	Unknown

Error Description
If DIABETES equals 1, and DIAB_MEDS equals 1, then DIAB_MED_TYP must NOT be null
If DIABETES is not equal to 1, then DIAB_MED_TYP must be null
If DIAB_MEDS is not equal to 1, then DIAB_MED_TYP must be null

94	<b>D_INJ_FRQ</b>	number (3,0)	Required:false
How often did you take insulin injections (for diabetes)? (Ref. 2.12.2.1)			

Allowable Values	
1 to 900 or 999	Range
999	Unknown

Error Description
If DIABETES equals 1, and DIAB_MEDS equals 1 and DIAB_MED_TYP equals 2,3,6,7, then D_INJ_FRQ must NOT be null
If DIABETES is not equal to 1, then D_INJ_FRQ must be null
If DIAB_MEDS is not equal to 1, then D_INJ_FRQ must be null
If DIAB_MED_TYP is not equal to 2,3,6,7 then D_INJ_FRQ must be null

95	<b>D_INJ_INT</b>	number (1,0)	Required:false
Interval for frequency of injections taken for diabetes. (Ref. 2.12.2.1)			

Allowable Values	
1	Per Day
2	Per Week
3	Per Month
4	Per Year
9	Unknown

Error Description
If DIABETES equals 1, and DIAB_MEDS equals 1 and DIAB_MED_TYP equals 2,3,6,7, then D_INJ_INT must NOT be null
If DIABETES is not equal to 1, then D_INJ_INT must be null

If DIAB\_MEDS is not equal to 1, then D\_INJ\_INT must be null

If DIAB\_MED\_TYP is not equal to 2,3,6,7 then D\_INJ\_INT must be null

If D\_INJ\_FRQ is not equal to 999 then D\_INJ\_INT must not equal 9

If DIAB\_MED\_TYP is equal to 999 then D\_INJ\_INT must equal 9

**D\_PILLS\_FRQ**

number (3,0)

Required:false

96

How often did you take pills (for diabetes)? (Ref. 2.12.2.1)

Allowable Values

**1 to 900 or 999**

Range

**999**

Unknown

**Error Description**

If DIABETES equals 1, and DIAB\_MEDS equals 1 and DIAB\_MED\_TYP equals 1,3,5,7, then D\_PILLS\_FRQ must NOT be null

If DIABETES is not equal to 1, then D\_PILLS\_FRQ must be null

If DIAB\_MEDS is not equal to 1, then D\_PILLS\_FRQ must be null

If DIAB\_MED\_TYP is not equal to 1,3,5,7 then D\_PILLS\_FRQ must be null

**D\_PILLS\_INT**

number (1,0)

Required:false

97

Interval for frequency of pills taken for diabetes. (Ref. 2.12.2.1)

Allowable Values

**1** Per Day

**2** Per Week

**3** Per Month

**4** Per Year

**9** Unknown

**Error Description**

If DIABETES equals 1, and DIAB\_MEDS equals 1 and DIAB\_MED\_TYP equals 1,3,5,7, then D\_PILLS\_INT must NOT be null

If DIABETES is not equal to 1, then D\_PILLS\_INT must be null

If DIAB\_MEDS is not equal to 1, then D\_PILLS\_INT must be null

If DIAB\_MED\_TYP is not equal to 1,3,5,7 then D\_PILLS\_INT must be null

If D\_PILLS\_FREQ is not equal to 999, then D\_PILLS\_INT must not equal 9

If D\_PILLS\_FREQ is equal to 999, then D\_PILLS\_INT must equal 9

**D\_PUMP\_FRQ**

number (3,0)

Required:false

98

How often did you use medical pump (for diabetes)? (Ref. 2.12.2.1). Note: This option will be open to all centers.

Allowable Values

**1 to 900 or 999**

Range

**999**

Unknown

**Error Description**

If DIABETES equals 1, and DIAB\_MEDS equals 1 and DIAB\_MED\_TYP equals 4,5,6,7, then D\_PUMP\_FRQ must NOT be null

If DIABETES is not equal to 1, then D\_PUMP\_FRQ must be null

If DIAB\_MEDS is not equal to 1, then D\_PUMP\_FRQ must be null

If DIAB\_MED\_TYP is not equal to 4,5,6,7 then D\_PUMP\_FRQ must be null

99 **D\_PUMP\_INT** number (1,0) Required:false

Interval for frequency of insulin pump used for diabetes. (Ref. 2.12.2.1). Note: This option will be open to all centers.

Allowable Values

- 1** Per Day
- 2** Per Week
- 3** Per Month
- 4** Per Year
- 9** Unknown

**Error Description**

If DIABETES equals 1, and DIAB\_MEDS equals 1 and DIAB\_MED\_TYP equals 4,5,6,7, then D\_PUMP\_INT must NOT be null

If DIABETES is not equal to 1, then D\_PUMP\_INT must be null

If DIAB\_MEDS is not equal to 1, then D\_PUMP\_INT must be null

If DIAB\_MED\_TYP is not equal to 4,5,6,7 then D\_PUMP\_INT must be null

If D\_PUMP\_FREQ is not equal to 999, then D\_PUMP\_INT must not equal 9

If D\_PUMP\_FREQ is equal to 999, then D\_PUMP\_INT must equal 9

100 **D\_INJ\_CONT** number (1,0) Required:false

Were you still taking insulin injections for diabetes about two years ago? (Ref. 2.12.2.1)

Allowable Values

- 1** Yes
- 2** No
- 9** Unknown

**Error Description**

If DIABETES equals 1, and DIAB\_MEDS equals 1 and DIAB\_MED\_TYP equals 2,3,6,7, then D\_INJ\_CONT must NOT be null

If DIABETES is not equal to 1, then D\_INJ\_CONT must be null

If DIAB\_MEDS is not equal to 1, then D\_INJ\_CONT must be null

If DIAB\_MED\_TYP is not equal to 2,3,6,7 then D\_INJ\_CONT must be null

101 **D\_PILLS\_CONT** number (1,0) Required:false

Were you still taking pills for diabetes about two years ago? (Ref. 2.12.2.1)

Allowable Values

1	Yes
2	No
9	Unknown

**Error Description**

If DIABETES equals 1, and DIAB\_MEDS equals 1 and DIAB\_MED\_TYP equals 1,3,5,7, then D\_PILLS\_CONT must NOT be null

If DIABETES is not equal to 1, then D\_PILLS\_CONT must be null

If DIAB\_MEDS is not equal to 1, then D\_PILLS\_CONT must be null

If DIAB\_MED\_TYP is not equal to 1,3,5,7 then D\_PILLS\_CONT must be null

102 **D\_PUMP\_CONT** number (1,0) Required:false  
 Were you still using insulin pump for diabetes about two years ago? (Ref. 2.12.2.1). Note: this option will be open to all centers.

Allowable Values

1	Yes
2	No
9	Unknown

**Error Description**

If DIABETES equals 1, and DIAB\_MEDS equals 1 and DIAB\_MED\_TYP equals 4,5,6,7, then D\_PUMP\_CONT must NOT be null

If DIABETES is not equal to 1, then D\_PUMP\_CONT must be null

If DIAB\_MEDS is not equal to 1, then D\_PUMP\_CONT must be null

If DIAB\_MED\_TYP is not equal to 4,5,6,7 then D\_PUMP\_CONT must be null

103 **D\_PILLS\_LEN** number (3,0) Required:false  
 How long in total have you taken pills for diabetes? (Ref. 2.12.2.1)

Allowable Values

1 to 900 or 999	Range
999	Unknown

**Error Description**

If DIABETES equals 1, and DIAB\_MEDS equals 1 and DIAB\_MED\_TYP equals 1,3,5,7, then D\_PILLS\_LEN must NOT be null

If DIABETES is not equal to 1, then D\_PILLS\_LEN must be null

If DIAB\_MEDS is not equal to 1, then D\_PILLS\_LEN must be null

If DIAB\_MED\_TYP is not equal to 1,3,5,7 then D\_PILLS\_LEN must be null

104 **D\_PILLS\_TIME** number (1,0) Required:false  
 Interval for total time that diabetes pills were taken.(Ref. 2.12.2.1)

Allowable Values

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1	Number of Months
2	Number of Years
9	Unknown

Error Description
If DIABETES equals 1, and DIAB_MEDS equals 1 and DIAB_MED_TYP equals 1,3,5,7, then D_PILLS_TIME must NOT be null
If DIABETES is not equal to 1, then D_PILLS_TIME must be null
If DIAB_MEDS is not equal to 1, then D_PILLS_TIME must be null
If DIAB_MED_TYP is not equal to 1,3,5,7 then D_PILLS_TIME must be null
If D_PILLS_LEN is not equal to 999 then D_PILLS_TIME must not equal 9
If D_PILLS_LEN is equal to 999 then D_PILLS_TIME must equal 9

105	<b>D_INJ_LEN</b>	number (3,0)	Required:false
How long in total have you taken insulin injections for diabetes? (Ref. 2.12.2.1)			

Allowable Values	
1 to 900 or 999	Range
999	Unknown

Error Description
If DIABETES equals 1, and DIAB_MEDS equals 1 and DIAB_MED_TYP equals 2,3,6,7, then D_INJ_LEN must NOT be null
If DIABETES is not equal to 1, then D_INJ_LEN must be null
If DIAB_MEDS is not equal to 1, then D_INJ_LEN must be null
If DIAB_MED_TYP is not equal to 2,3,6,7 then D_INJ_LEN must be null

106	<b>D_INJ_TIME</b>	number (1,0)	Required:false
Interval for total time diabetes insulin injections was taken. (Ref. 2.12.2.1)			

Allowable Values	
1	Number of Months
2	Number of Years
9	Unknown

Error Description
If DIABETES equals 1, and DIAB_MEDS equals 1 and DIAB_MED_TYP equals 2,3,6,7, then D_INJ_TIME must NOT be null
If DIABETES is not equal to 1, then D_INJ_TIME must be null
If DIAB_MEDS is not equal to 1, then D_INJ_TIME must be null
If DIAB_MED_TYP is not equal to 2,3,6,7 then D_INJ_TIME must be null
If D_INJ_LEN is not equal to 999 then D_INJ_TIME must not equal 9
If D_INJ_LEN is equal to 999 then D_INJ_TIME must equal 9

	<b>D_PUMP_LEN</b>	number (3,0)	Required:false
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107

How long in total have you used insulin pump for diabetes? (Ref. 2.12.2.1). Note: This option will be open for all centers.

Allowable Values	
<b>1 to 900 or 999</b>	Range
<b>999</b>	Unknown

Error Description	
If DIABETES equals 1, and DIAB_MEDS equals 1 and DIAB_MED_TYP equals 4,5,6,7, then D_PUMP_LEN must NOT be null	
If DIABETES is not equal to 1, then D_PUMP_LEN must be null	
If DIAB_MEDS is not equal to 1, then D_PUMP_LEN must be null	
If DIAB_MED_TYP is not equal to 4,5,6,7 then D_PUMP_LEN must be null	

108

**D\_PUMP\_TIME**

number (1,0)

Required: false

Interval for total time diabetes insulin pump was taken. (Ref. 2.12.2.1). Note: This option will be open to all centers.

Allowable Values	
<b>1</b>	Number of Months
<b>2</b>	Number of Years
<b>9</b>	Unknown

Error Description	
If DIABETES equals 1, and DIAB_MEDS equals 1 and DIAB_MED_TYP equals 4,5,6,7, then D_PUMP_TIME must NOT be null	
If DIABETES is not equal to 1, then D_PUMP_TIME must be null	
If DIAB_MEDS is not equal to 1, then D_PUMP_TIME must be null	
If DIAB_MED_TYP is not equal to 4,5,6,7 then D_PUMP_TIME must be null	
If D_PUMP_LEN is not equal to 999, then D_PUMP_TIME must not equal 9	
If D_PUMP_LEN is equal to 999, then D_PUMP_TIME must equal 9	

109

**H\_CHOLES**

number (1,0)

Required: true

Has a doctor ever told you that you had high cholesterol? (Ref. 2.13)

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

110

**H\_CHOLES\_AGE**

number (3,0)

Required: false

How old were you when a doctor first told you that you had high cholesterol? (Ref. 2.13.1)

Allowable Values	
<b>1 to 120 or 999</b>	Range

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

<b>Error Description</b>
If H_CHOLES is equal to 1 then H_CHOLES_AGE must not be null
If H_CHOLES is not equal to 1 then H_CHOLES_AGE must be null
If H_CHOLES_AGE is not equal to 999, then H_CHOLES_AGE must be less than or equal to AGE_EPI

111	<b>CHOLES_MED</b>	number (1,0)	Required:false
Did you ever take medication to control your high cholesterol? (Ref. 2.13.2)			

Allowable Values
------------------

1	Yes
2	No
9	Unknown

<b>Error Description</b>
If H_CHOLES is equal to 1 then CHOLES_MED must not be null
If H_CHOLES is not equal to 1 then CHOLES_MED must be null

112	<b>HC_MED_FRQ</b>	number (3,0)	Required:false
When you were taking medication for your high cholesterol, how often did you take it? (Ref. 2.13.2)			

Allowable Values	
1 to 900 or 999	Range
999	Unknown

<b>Error Description</b>
If H_CHOLES is equal to 1 and CHOLES_MED equals 1 , then HC_MED_FRQ must not be null
If H_CHOLES is not equal to 1 then HC_MED_FRQ must be null

113	<b>HC_MED_INT</b>	number (1,0)	Required:false
Interval in which medication for high cholesterol was taken. (Ref. 2.13.2)			

Allowable Values	
1	Per Day
2	Per Week
3	Per Month
4	Per Year
9	Unknown

<b>Error Description</b>
If H_CHOLES is equal to 1 and CHOLES_MED equals 1 , then HC_MED_INT must not be null

If H\_CHOLES is not equal to 1 then HC\_MED\_INT must be null

If HC\_MED\_FRQ is not equal to 999 then HC\_MED\_INT must NOT equal 9

If HC\_MED\_FRQ is equal to 999 then HC\_MED\_INT must equal 9

114	<b>HC_MED_CONT</b>	number (1,0)	Required: false
About two years ago were you still taking this medication for high cholesterol? (Ref. 2.13.2)			

Allowable Values

- 1** Yes
- 2** No
- 9** Unknown

**Error Description**

If H\_CHOLES is equal to 1 and CHOLES\_MED equals 1 , then HC\_MED\_CONT must not be null

If H\_CHOLES is not equal to 1 then HC\_MED\_INT must be null

115	<b>HC_MED_LEN</b>	number (3,0)	Required: false
How long in total have you taken this medication for high cholesterol? (Ref. 2.13.2)			

Allowable Values

- 1 to 900 or 999** Range
- 999** Unknown

**Error Description**

If H\_CHOLES is equal to 1 and CHOLES\_MED equals 1 , then HC\_MED\_LEN must not be null

If H\_CHOLES is not equal to 1 then HC\_MED\_LEN must be null

If HC\_MED\_LEN is not null and not equal to 999 AND HC\_MED\_TIME is not null and not equal to 9, then HC\_MED\_LEN must be less than or equal to AGE\_EPI multiplied by 12

116	<b>HC_MED_TIME</b>	number (1,0)	Required: false
Interval for total time medication for high cholesterol was taken. (Ref. 2.13.2)			

Allowable Values

- 1** Number of Months
- 2** Number of Years
- 9** Unknown

**Error Description**

If H\_CHOLES is not equal to 1 then HC\_MED\_TIME must be null

If HC\_MED\_LEN is not equal to 999 then HC\_MED\_TIME must be not equal 9

If HC\_MED\_LEN equals 999 then HC\_MED\_TIME must equal 9

117	<b>TRIGLYCERIDE</b>	number (1,0)	Required: true
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Has a doctor ever told you that you have high levels of triglycerides in your blood (these are other types of fats)? (Ref. 2.14)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

118

**TRIGLY\_AGE**

number (3,0)

Required: false

How old were you when a doctor first told you that you had high triglycerides. (Ref. 2.14.1)

Allowable Values

1 to 120 or 999 Range

999 Unknown

**Error Description**

If TRIGLYCERIDE equals 1 then TRIGLY\_AGE must not be null

If TRIGLYCERIDE does not equal 1 then TRIGLY\_AGE must be null

If TRIGLYCERIDE equals 1 and TRIGLY\_AGE is not equal to 999, then TRIGLY\_AGE must be less than or equal to AGE\_EPI

119

**TRIGLY\_MED**

number (1,0)

Required: false

Did you ever take medication to control high triglycerides? (Ref. 2.14.2)

Allowable Values

1 Yes

2 No

9 Unknown

**Error Description**

If TRIGLYCERIDE equals 1 then TRIGLY\_MED must not be null

If TRIGLYCERIDE does not equal 1 then TRIGLY\_MED must be null

120

**TRIGLY\_MED\_FRQ**

number (3,0)

Required: false

When you were taking medication for your high triglycerides, how often did you take it? (Ref. 2.14.2)

Allowable Values

1 to 900 or 999 Range

999 Unknown

**Error Description**

If TRIGLYCERIDE equals 1 and TRIGLY\_MED equals 1, then TRIGLY\_MED\_FRQ must NOT be null

If TRIGLYCERIDE does not equal 1, then TRIGLY\_MED\_FRQ must be null

If TRIGLY\_MED does not equal 1, then TRIGLY\_MED\_FRQ must be null

If TRIGLY\_MED\_INT equals 1, then TRIGLY\_MED\_FRQ must be less than 10

121

**TRIGLY\_MED\_INT**

number (1,0)

Required: false

Interval for frequency of medication taken for high triglycerides. (Ref. 2.14.2)

Allowable Values

1 Per Day

2 Per Week

3 Per Month

4 Per Year

9 Unknown

**Error Description**

If TRIGLYCERIDE equals 1 and TRIGLY\_MED equals 1, then TRIGLY\_MED\_INT must NOT be null

If TRIGLYCERIDE does not equal 1, then TRIGLY\_MED\_INT must be null

If TRIGLY\_MED does not equal 1, then TRIGLY\_MED\_INT must be null

If TRIGLY\_MED\_FRQ does not equal 999, then TRIGLY\_MED\_INT must not equal 9

If TRIGLY\_MED\_FRQ equals 999, then TRIGLY\_MED\_INT must equal 9

122

**TRIGLY\_MED\_CONT**

number (1,0)

Required: false

About two years ago were you still taking medication for high triglycerides? (Ref. 2.14.2)

Allowable Values

1 Yes

2 No

9 Unknown

**Error Description**

If TRIGLYCERIDE equals 1 and TRIGLY\_MED equals 1, then TRIGLY\_MED\_CONT must NOT be null

If TRIGLYCERIDE does not equal 1, then TRIGLY\_MED\_CONT must be null

If TRIGLY\_MED does not equal 1, then TRIGLY\_MED\_CONT must be null

123

**TRIGLY\_MED\_LEN**

number (3,0)

Required: false

How long, in total, have you taken medication for high triglycerides? (Ref. 2.14.2)

Allowable Values

1 to 900 or 999 Range

999 Unknown

**Error Description**

If TRIGLYCERIDE equals 1 and TRIGLY\_MED equals 1, then TRIGLY\_MED\_LEN must NOT be null

If TRIGLYCERIDE does not equal 1, then TRIGLY\_MED\_LEN must be null

If TRIGLY\_MED does not equal 1, then TRIGLY\_MED\_LEN must be null

If TRIGLY\_MED\_LEN is not null or not equal to 999 AND TRIGLY\_MED\_TIME is not null or not equal to 9, then TRIGLY\_MED\_LEN must be less than or equal to AGE\_EPI multiplied by 12

124	<b>TRIGLY_MED_TIME</b>	number (1,0)	Required: false
Interval for total length of time medication was taken for high triglycerides? (Ref. 2.14.2)			

Allowable Values

- 1 Number of Months
- 2 Number of Years
- 9 Unknown

**Error Description**

- If TRIGLYCERIDE equals 1 and TRIGLY\_MED equals 1, then TRIGLY\_MED\_TIME must NOT be null
- If TRIGLYCERIDE does not equal 1, then TRIGLY\_MED\_TIME must be null
- If TRIGLY\_MED does not equal 1, then TRIGLY\_MED\_TIME must be null
- If TRIGLY\_MED\_LEN does not equal 999, then TRIGLY\_MED\_TIME must not equal 9
- If TRIGLY\_MED\_LEN equals 999, then TRIGLY\_MED\_TIME must equal 9

125	<b>CANCER_TOLD</b>	number (1,0)	Required: true
Has a doctor ever told you that you had any type of cancer? (This may seem obvious, but for scientific reasons I need to ask this question of everyone). (Ref. 2.15)			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

126	<b>SITE1</b>	string (4)	Required: false
What type of cancer was it? (Ref. 2.15.1). Enter location where this tumor originated in as much detail as is known and for which a code is provided in ICD-O-2.			

**Error Description**

- If CANCER\_TOLD equals 1 then SITE1 must not be null
- If CANCER\_TOLD does not equal 1 then SITE1 must be null

127	<b>SITE2</b>	string (4)	Required: false
What type of cancer was it? (Ref. 2.15.1). Enter location where this tumor originated in as much detail as is known and for which a code is provided in ICD-O-2.			

**Error Description**

- If CANCER\_TOLD does not equal 1 or SITE1 is null, then SITE2 must be null

	<b>SITE3</b>	string (4)	Required: false
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128 What type of cancer was it? (Ref. 2.15.1). Enter location where this tumor originated in as much detail as is known and for which a code is provided in ICD-O-2.

**Error Description**

If CANCER\_TOLD does not equal 1 or SITE2 is null, then SITE3 must be null

**SITE4**

string (4)

Required:false

129 What type of cancer was it? (Ref. 2.15.1). Enter location where this tumor originated in as much detail as is known and for which a code is provided in ICD-O-2.

**Error Description**

If CANCER\_TOLD does not equal 1 or SITE3 is null, then SITE4 must be null

**AGEDX1**

number (3,0)

Required:false

130 How old were you when a doctor first told you that you had cancer. (Ref. 2.15.1.1)

Allowable Values

**1 to 120 or 999** Range

**999** Unknown

**Error Description**

If CANCER\_TOLD equals 1, then AGEDX1 must NOT be null

If CANCER\_TOLD does not equal 1, then AGEDX1 must be null

If AGEDX1 does not equal 999, then AGEDX1 must be less than or equal to AGE\_EPI

If SITE1 equals 'CRC' and HEMOCCULT equals 1, then AGEDX1 must be greater than HEMOCCULT\_1ST\_AGE

If SITE1 equals 'CRC' and SIGSCOPE equals 1, then AGEDX1 must be greater than SIGSCOPE\_1ST\_AGE

If SITE1 equals 'CRC' and COLSCOPE equals 1, then AGEDX1 must be greater than COLSCOPE\_1ST\_AGE

**AGEDX2**

number (3,0)

Required:false

131 How old were you when a doctor first told you that you had cancer. (Ref. 2.15.1.1)

Allowable Values

**1 to 120 or 999** Range

**999** Unknown

**Error Description**

If CANCER\_TOLD equals 1 and SITE2 is not null, then AGEDX2 must NOT be null

If CANCER\_TOLD does not equal 1, then AGEDX2 must be null

If AGEDX2 does not equal 999, then AGEDX2 must be less than or equal to AGE\_EPI

If SITE2 equals 'CRC' and HEMOCCULT equals 1, then AGEDX2 must be greater than HEMOCCULT\_1ST\_AGE

If SITE2 equals 'CRC' and SIGSCOPE equals 1, then AGEDX2 must be greater than SIGSCOPE\_1ST\_AGE

If SITE2 equals 'CRC' and COLSCOPE equals 1, then AGEDX2 must be greater than COLSCOPE\_1ST\_AGE



132 **AGEDX3** number (3,0) Required:false

How old were you when a doctor first told you that you had cancer. (Ref. 2.15.1.1)

Allowable Values	
<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

Error Description
If CANCER_TOLD equals 1 and SITE3 is not null, then AGEDX3 must NOT be null
If CANCER_TOLD does not equal 1, then AGEDX3 must be null
If AGEDX3 does not equal 999, then AGEDX3 must be less than or equal to AGE_EPI
If SITE3 equals 'CRC' and HEMOCCULT equals 1, then AGEDX3 must be greater than HEMOCCULT_1ST_AGE
If SITE3 equals 'CRC' and SIGSCOPE equals 1, then AGEDX3 must be greater than SIGSCOPE_1ST_AGE
If SITE3 equals 'CRC' and COLSCOPE equals 1, then AGEDX3 must be greater than COLSCOPE_1ST_AGE

133 **AGEDX4** number (3,0) Required:false

How old were you when a doctor first told you that you had cancer. (Ref. 2.15.1.1)

Allowable Values	
<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

Error Description
If CANCER_TOLD equals 1 and SITE4 is not null, then AGEDX4 must NOT be null
If CANCER_TOLD does not equal 1, then AGEDX4 must be null
If AGEDX4 does not equal 999, then AGEDX4 must be less than or equal to AGE_EPI
If SITE4 equals 'CRC' and HEMOCCULT equals 1, then AGEDX4 must be greater than HEMOCCULT_1ST_AGE
If SITE4 equals 'CRC' and SIGSCOPE equals 1, then AGEDX4 must be greater than SIGSCOPE_1ST_AGE
If SITE4 equals 'CRC' and COLSCOPE equals 1, then AGEDX4 must be greater than COLSCOPE_1ST_AGE

134 **RAD1** number (1,0) Required:false

Were you treated with radiation therapy for your cancer? (Ref. 2.15.1.2)

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

Error Description
If CANCER_TOLD equals 1 and SITE1 is not null, then RAD1 must not be null
If CANCER_TOLD does not equal 1, then RAD1 must be null

135 **RAD2** number (1,0) Required: false

Were you treated with radiation therapy for your cancer? (Ref. 2.15.1.2)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

If CANCER\_TOLD equals 1 and SITE2 is not null, then RAD2 must not be null

If CANCER\_TOLD does not equal 1, then RAD2 must be null

136 **RAD3** number (1,0) Required: false

Were you treated with radiation therapy for your cancer? (Ref. 2.15.1.2)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

If CANCER\_TOLD equals 1 and SITE3 is not null, then RAD3 must not be null

If CANCER\_TOLD does not equal 1, then RAD3 must be null

137 **RAD4** number (1,0) Required: false

Were you treated with radiation therapy for your cancer? (Ref. 2.15.1.2)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

If CANCER\_TOLD equals 1 and SITE4 is not null, then RAD4 must not be null

If CANCER\_TOLD does not equal 1, then RAD4 must be null

138 **ASPIRIN** number (1,0) Required: true

Have you ever taken aspirin (such as Anacin, Bufferin, Bayer, Excedrin, and Ecotrin) at least twice a week for more than a month? (Ref. 2.16)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

8 Not Asked

139 **ASPIRIN\_FRQ** number (3,0) Required:false  
When you were taking aspirin regularly, how often did you take it? (Ref. 2.16)

Allowable Values	
1 to 120 or 999	Range
999	Unknown

Error Description
if ASPIRIN is not 1 then ASPIRIN_FRQ must be NULL
if ASPIRIN is 1 then ASPIRIN_FRQ must not be NULL
if ASPIRIN_FRQ not equals NULL and ASPIRIN_INT=1 then ASPIRIN_FRQ must be 1-40.
if ASPIRIN_FRQ not equals NULL and ASPIRIN_INT=1 then ASPIRIN_FRQ must be 1-40

140 **ASPIRIN\_INT** number (1,0) Required:false  
Interval in which aspirin was taken. (Ref. 2.16)

Allowable Values	
1	Per Day
2	Per Week
9	Unknown

Error Description
if ASPIRIN not equals 1, then ASPIRIN_INT must be null
if ASPIRIN equals 1, then ASPIRIN_INT must NOT be null
if ASPIRIN_INT not equals NULL and ASPIRIN_FRQ not equals NULL and ASPIRIN_FRQ not equals 999, then ASPIRIN_INT must be in (1,2)
if ASPIRIN_INT not equals NULL and ASPIRIN_FRQ not equals NULL and ASPIRIN_FRQ equals 999, then ASPIRIN_INT must be 9

141 **ASPIRIN\_REG** number (1,0) Required:false  
About two years ago were you taking aspirin regularly? (Ref. 2.16)

Allowable Values	
1	Yes
2	No
9	Unknown

Error Description
if ASPIRIN is not 1 then ASPIRIN_REG must be NULL
if ASPIRIN is 1 then ASPIRIN_REG must not be NULL

**ASPIRIN\_LEN** number (3,0) Required:false

142

How long, in total, have you taken aspirin? (Ref. 2.16)

Allowable Values

1 to 120 or 999

Range

999

Unknown

**Error Description**

if ASPIRIN is not 1 then ASPIRIN\_LEN must be NULL

if ASPIRIN is 1 then ASPIRIN\_LEN must not be NULL

if ASPIRIN\_LEN not equals NULL and ASPIRIN\_TIME equals 1 then ASPIRIN\_LEN must be 1-75

if ASPIRIN\_LEN not equals NULL and ASPIRIN\_TIME=2, then ASPIRIN\_LEN must be 1-120

if ASPIRIN\_LEN not equals NULL and ASPIRIN\_TIME=9, then ASPIRIN\_LEN must be 999

if ASPIRIN\_REG=1 and ASPIRIN\_TIME=1, then ASPIRIN\_LEN must be less than AGE\_EPI\*12

if ASPIRIN\_REG=1 and ASPIRIN\_TIME=2, then ASPIRIN\_LEN must be less than AGE\_EPI

if ASPIRIN\_REG=2 and ASPIRIN\_TIME=1, then ASPIRIN\_LEN must be less than AGE\_EPI\*12 - 24

if ASPIRIN\_REG=2 and ASPIRIN\_TIME=2, then ASPIRIN\_LEN must be less or equal than AGE\_EPI - 2

143

**ASPIRIN\_TIME**

number (1,0)

Required: false

Interval for total time aspirin was taken. (Ref. 2.16)

Allowable Values

1 Number of Months

2 Number of Years

9 Unknown

**Error Description**

if ASPIRIN is not 1 then ASPIRIN\_TIME must be NULL

if ASPIRIN is 1 then must not be NULL

if ASPIRIN\_TIME not equals NULL and ASPIRIN\_LEN not in (NULL,999), then ASPIRIN\_TIME must be in (1,2)

if ASPIRIN\_TIME not equals NULL and ASPIRIN\_LEN not equals NULL and ASPIRIN\_LEN =999, then ASPIRIN\_TIME must be 9

144

**ACETAMIN**

number (1,0)

Required: true

Have you ever taken acetaminophen (such as Tylenol, Anacin-3, and Panadol) at least twice a week for more than a month? (Ref. 2.16)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

**Error Description**

if ACETAMIN is not 1 then ACET\_FRQ must be NULL

if ACETAMIN is 1 then ACET\_FRQ must not be NULL

if ACET\_FRQ not equals NULL and ACET\_INT=1 then ACET\_FRQ must be 1-129

if ACET\_FRQ not equals NULL and ACET\_INT=1 then ACET\_FRQ must be 1-40

145	<b>ACET_FRQ</b>	number (3,0)	Required:false
When you were taking acetaminophen regularly, how often did you take it? (Ref. 2.16)			

Allowable Values	
<b>1 to 220 or 999</b>	Range
<b>999</b>	Unknown

Error Description	
if ACETAMIN not equals 1, then ACET_INT must be null	
if ACETAMIN equals 1, then ACET_INT must NOT be null	
if ACET_INT not equals NULL and ACET_FRQ not equals NULL and ACET_FRQ not equals 999, then ACET_INT must be in(1,2)	
if ACET_INT not equals NULL and ACET_FRQ not equals NULL and ACET_FRQ equals 999, then ACET_INT must be 9	

146	<b>ACET_INT</b>	number (1,0)	Required:false
Interval in which acetaminophen was taken. (Ref. 2.16)			

Allowable Values	
<b>1</b>	Per Day
<b>2</b>	Per Week
<b>9</b>	Unknown

Error Description	
if ACETAMIN is not 1 then ACET_REG must be NULL	
if ACETAMIN is 1 then ACET_REG must not be NULL	

147	<b>ACET_REG</b>	number (1,0)	Required:false
About two years ago were you taking acetaminophen regularly? (Ref. 2.16)			

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

148	<b>ACET_LEN</b>	number (3,0)	Required:false
How long, in total, have you taken acetaminophen? (Ref. 2.16)			

Allowable Values	
<b>1 to 120 or 999</b>	Range

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

Error Description
if ACETAMIN is not 1 then ACET_LEN must be NULL
if ACETAMIN is 1 then ACET_LEN must not be NULL
if ACET_LEN not equals NULL and ACET_TIME equals 1 then ACET_LEN must be 1-75
if ACET_LEN not equals NULL and ACET_TIME=2, then ACET_LEN must be 1-120
if ACET_LEN not equals NULL and ACET_TIME=9, then ACET_LEN must be 999
if ACET_REG=1 and ACET_TIME=1, then ACET_LEN must be less than AGE_EPI*12
if ACET_REG=1 and ACET_TIME=2, then ACET_LEN must be less than AGE_EPI
if ACET_REG=2 and ACET_TIME=1, then ACET_LEN must be less than AGE_EPI*12 - 24
if ACET_REG=2 and ACET_TIME=2, then ACET_LEN must be less or equal than AGE_EPI - 2

149	<b>ACET_TIME</b>	number (1,0)	Required:false
Interval for total time acetaminophen was taken. (Ref. 2.16)			

Allowable Values	
1	Number of Months
2	Number of Years
9	Unknown

Error Description
if ACETAMIN is not 1 then ACET_TIME must be NULL
if ACETAMIN is 1 then must not be NULL
if ACET_TIME not equals NULL and ACET_LEN not in (NULL,999), then ACET_TIME must be in (1,2)
if ACET_TIME not equals NULL and ACET_LEN not equals NULL and ACET_LEN =999, then ACET_TIME must be 9

150	<b>IBUPROFEN</b>	number (1,0)	Required:true
Have you ever taken ibuprofen-based medications (such as Advil, Motrin, Nuprin, NSAIDS, and Medipren) at least twice a week for more than a month? (NSAIDS are non-steroidal anti-inflammatory drugs) (Ref. 2.16)			

Allowable Values	
1	Yes
2	No
9	Unknown
8	Not Asked

151	<b>IB_FRQ</b>	number (3,0)	Required:false
When you were taking ibuprofen-based medications regularly, how often did you take it? (Whenever needed: regularly=2x a week). (Ref. 2.16)			

Allowable Values	

1 to 160 or 999	Range
999	Unknown

Error Description
if IBUPROFEN is not 1 then IB_FRQ must be NULL
if IBUPROFEN is 1 then IB_FRQ must not be NULL
if IB_FRQ not equals NULL and IB_INT=1 then IB_FRQ must be 1-129
if IB_FRQ not equals NULL and IB_INT=2 then IB_FRQ must be 1-40

152	<b>IB_INT</b>	number (1,0)	Required:false
Interval for frequency in which ibuprofen-based medications were taken. (Ref. 2.16)			

Allowable Values

1	Per Day
2	Per Week
9	Unknown

Error Description
if IBUPROFEN not equals 1, then IB_INT must be null
if IBUPROFEN equals 1, then IB_INT must NOT be null
if IB_INT not equals NULL and IB_FRQ not equals NULL and IB_FRQ not equals 999, then IB_INT must be in(1,2)
if IB_INT not equals NULL and IB_FRQ not equals NULL and IB_FRQ equals 999, then IB_INT must be 9

153	<b>IB_REG</b>	number (1,0)	Required:false
About two years ago were you taking ibuprofen-based medications regularly? (Ref. 2.16)			

Allowable Values

1	Yes
2	No
9	Unknown

Error Description
if IBUPROFEN is not 1 then IB_REG must be NULL
if IBUPROFEN is 1 then IB_REG must not be NULL

154	<b>IB_LEN</b>	number (3,0)	Required:false
How long, in total, have you taken ibuprofen-based medications? (Ref. 2.16)			

Allowable Values

1 to 120 or 999	Range
999	Unknown

Error Description
-------------------

if IBUPROFEN is not 1 then IB\_LEN must be NULL

if IBUPROFEN is 1 then IB\_LEN must not be NULL

if IB\_LEN not equals NULL and IB\_TIME equals 1 then IB\_LEN must be 1-75

if IB\_LEN not equals NULL and IB\_TIME=2, then IB\_LEN must be 1-120

if IB\_LEN not equals NULL and IB\_TIME=9, then IB\_LEN must be 999

if IB\_REG=1 and IB\_TIME=1, then IB\_LEN must be less than AGE\_EPI\*12

if IB\_REG=1 and IB\_TIME=2, then IB\_LEN must be less than AGE\_EPI

if IB\_REG=2 and IB\_TIME=1, then IB\_LEN must be less than AGE\_EPI\*12 - 24

if IB\_REG=2 and IB\_TIME=2, then IB\_LEN must be less or equal than AGE\_EPI - 2

155 **IB\_TIME** number (1,0) Required:false  
Interval for total time ibuprofen-based medication was taken.

- Allowable Values
- 1** Number of Months
  - 2** Number of Years
  - 9** Unknown

**Error Description**

if IBUPROFEN is not 1 then IB\_TIME must be NULL

if IBUPROFEN is 1 then must not be NULL

if IB\_TIME not equals NULL and IB\_LEN not in (NULL,999), then IB\_TIME must be in (1,2)

if IB\_TIME not equals NULL and IB\_LEN not equals NULL and IB\_LEN =999, then IB\_TIME must be 9

156 **BULK\_LAX** number (1,0) Required:true  
Have you ever taken bulk-forming laxatives (such as Metamucil, Citrucel, Fibercon, Serutan, and psyllium) at least twice a week for more than a month? (Ref. 2.16)

- Allowable Values
- 1** Yes
  - 2** No
  - 9** Unknown
  - 8** Not Asked

157 **BL\_FRO** number (3,0) Required:false  
When you were taking bulk-forming laxatives regularly, how often did you take it? (Ref. 2.16)

- Allowable Values
- 1 to 70 or 999** Range
  - 999** Unknown

**Error Description**



if BULK\_LAX is not 1 then BL\_FRQ must be NULL

if BULK\_LAX is 1 then BL\_FRQ must not be NULL

if BL\_FRQ not equals NULL and BL\_INT=1 then BL\_FRQ must be 1-70

if BL\_FRQ not equals NULL and BL\_INT=1 then BL\_FRQ must be 1-40

158 **BL\_INT** number (1,0) Required:false  
 Interval for frequency in which bulk-forming laxatives were taken. (Ref. 2.16)

- Allowable Values
- 1 Per Day
  - 2 Per Week
  - 9 Unknown

**Error Description**

if BULK\_LAX not equals 1, then BL\_INT must be null

if BULK\_LAX equals 1, then BL\_INT must NOT be null

if BL\_INT not equals NULL and BL\_FRQ not equals NULL and BL\_FRQ not equals 999, then BL\_INT must be in(1,2)

if BL\_INT not equals NULL and BL\_FRQ not equals NULL and BL\_FRQ equals 999, then BL\_INT must be 9

159 **BL\_REG** number (1,0) Required:false  
 About two years ago were you taking bulk-forming laxatives regularly? (Ref. 2.16)

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown

**Error Description**

if BULK\_LAX is not 1 then BL\_REG must be NULL

if BULK\_LAX is 1 then BL\_REG must not be NULL

160 **BL\_LEN** number (3,0) Required:false  
 How long, in total, have you taken bulk-forming laxatives? (Ref. 2.16)

- Allowable Values
- 1 to 90 or 999 Range
  - 999 Unknown

**Error Description**

if BULK\_LAX is not 1 then BL\_LEN must be NULL

if BULK\_LAX is 1 then BL\_LEN must not be NULL

if BL\_LEN not equals NULL and BL\_TIME equals 1 then BL\_LEN must be 1-75

- if BL\_LEN not equals NULL and BL\_TIME=2, then BL\_LEN must be 1-90
- if BL\_LEN not equals NULL and BL\_TIME=9, then BL\_LEN must be 999
- if BL\_REG=1 and BL\_TIME=1, then BL\_LEN must be less than AGE\_EPI\*12
- if BL\_REG=1 and BL\_TIME=2, then BL\_LEN must be less than AGE\_EPI
- if BL\_REG=2 and BL\_TIME=1, then BL\_LEN must be less than AGE\_EPI\*12 - 24
- if BL\_REG=2 and BL\_TIME=2, then BL\_LEN must be less or equal than AGE\_EPI - 2

161 **BL\_TIME** number (1,0) Required: false  
 Interval for total time bulk-forming laxatives were taken. (Ref. 2.16)

Allowable Values	
1	Number of Months
2	Number of Years
9	Unknown
if colon-epi.BULK_LAX does not equal "1" then colon-epi.BL_TIME	
	"null"
if colon-epi.BULK_LAX	
	"1" then colon-epi.BL_TIME does not equal "null"
if colon-epi.BL_TIME does not equal "null" and colon-epi.BL_LEN does not equal "null" and colon-epi.BL_LEN does not equal "999" then colon-epi.BL_TIME in {1,2}	
if colon-epi.BL_TIME does not equal "null" and colon-epi.BL_LEN does not equal "null" and colon-epi.BL_LEN	
	"999" then colon-epi.BL_TIME

Error Description
if BULK_LAX is not 1 then BL_TIME must be NULL
if BULK_LAX is 1 then must not be NULL
if BL_TIME not equals NULL and BL_LEN not in (NULL,999), then BL_TIME must be in (1,2)
if BL_TIME not equals NULL and BL_LEN not equals NULL and BL_LEN =999, then BL_TIME must be 9

162 **OTH\_LAX** number (1,0) Required: true  
 Have you ever taken other laxatives (such as Ex-Lax, Correctol, Dulcolax, Senokot, Colace, castor oil, cod liver oil, mineral oil, milk of magnesia, lactulose, Epsom salts) at least twice a week for more than a month? (Ref. 2.16)

Allowable Values	
1	Yes
2	No
9	Unknown
8	Not Asked

163 **OL\_FRQ** number (3,0) Required: false  
 When you were taking these other laxatives regularly, how often did you take it? (Ref. 2.16)

Allowable Values	
1 to 20 or 999	Range

999 Unknown

**Error Description**

if OTH\_LAX is not 1 then OL\_FRQ must be NULL

if OTH\_LAX is 1 then OL\_FRQ must not be NULL

if OL\_FRQ not equals NULL and OL\_INT=1 then OL\_FRQ must be 1-20

if OL\_FRQ not equals NULL and OL\_INT=1 then OL\_FRQ must be 1-40

**OL\_INT**

number (1,0)

Required: false

164

Interval for frequency other laxatives were taken. (Ref. 2.16)

Allowable Values

1 Per Day

2 Per Week

9 Unknown

**Error Description**

if OTH\_LAX not equals 1, then OL\_INT must be null

if OTH\_LAX equals 1, then OL\_INT must NOT be null

if OL\_INT not equals NULL and OL\_FRQ not equals NULL and OL\_FRQ not equals 999, then OL\_INT must be in(1,2)

if OL\_INT not equals NULL and OL\_FRQ not equals NULL and OL\_FRQ equals 999, then OL\_INT must be 9

**OL\_REG**

number (1,0)

Required: false

165

About two years ago were you taking other laxatives regularly? (Ref. 2.16)

Allowable Values

1 Yes

2 No

9 Unknown

**Error Description**

if OTH\_LAX is not 1 then OL\_REG must be NULL

if OTH\_LAX is 1 then OL\_REG must not be NULL

**OL\_LEN**

number (3,0)

Required: false

166

How long, in total, have you taken other laxatives? (Ref. 2.16)

Allowable Values

1 to 80 or 999 Range

999 Unknown

**Error Description**

if OTH\_LAX is not 1 then OL\_LEN must be NULL

if OTH\_LAX is 1 then OL\_LEN must not be NULL

if OL\_LEN not equals NULL and OL\_TIME equals 1 then OL\_LEN must be 1-80

if OL\_LEN not equals NULL and OL\_TIME=2, then OL\_LEN must be 1-120

if OL\_LEN not equals NULL and OL\_TIME=9, then OL\_LEN must be 999

if OL\_REG=1 and OL\_TIME=1, then OL\_LEN must be less than AGE\_EPI\*12

if OL\_REG=1 and OL\_TIME=2, then OL\_LEN must be less than AGE\_EPI

if OL\_REG=2 and OL\_TIME=1, then OL\_LEN must be less than AGE\_EPI\*12 - 24

if OL\_REG=2 and OL\_TIME=2, then OL\_LEN must be less or equal than AGE\_EPI - 2

167 **OL\_TIME** number (1,0) Required: false  
 Interval for total time other laxatives were taken. (Ref. 2.16)

- Allowable Values
- 1 Number of Months
  - 2 Number of Years
  - 9 Unknown

**Error Description**

if OTH\_LAX is not 1 then OL\_TIME must be NULL

if OTH\_LAX is 1 then must not be NULL

if OL\_TIME not equals NULL and OL\_LEN not in (NULL,999), then OL\_TIME must be in (1,2)

if OL\_TIME not equals NULL and OL\_LEN not equals NULL and OL\_LEN =999, then OL\_TIME must be 9

168 **MULTIVITAMIN** number (1,0) Required: true  
 Have you ever taken multivitamin pills or tablets (not individual vitamins) at least twice a week for more than a month? (Ref. 2.16)

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown
  - 8 Not Asked

169 **MV\_FRQ** number (3,0) Required: false  
 When you were taking multivitamin pills or tablets regularly, how often did you take them? (Ref. 2.16)

- Allowable Values
- 1 to 40 or 999 Range
  - 999 Unknown

**Error Description**

if MULTIVITAMIN is not 1 then MV\_FRQ must be NULL

if MULTIVITAMIN is 1 then MV\_FRQ must not be NULL

if MV\_FRQ not equals NULL and MV\_INT=1 then MV\_FRQ must be 1-40

if MV\_FRQ not equals NULL and MV\_INT=1 then MV\_FRQ must be 1-40

170	<b>MV_INT</b>	number (1,0)	Required:false
Interval for frequency in which multivitamin pills or tablets were taken. (Ref. 2.16)			

- Allowable Values
- 1** Per Day
  - 2** Per Week
  - 9** Unknown

**Error Description**

if MULTIVITAMIN not equals 1, then MV\_INT must be null

if MULTIVITAMIN equals 1, then MV\_INT must NOT be null

if MV\_INT not equals NULL and MV\_FRQ not equals NULL and MV\_FRQ not equals 999, then MV\_INT must be in(1,2)

if MV\_INT not equals NULL and MV\_FRQ not equals NULL and MV\_FRQ equals 999, then MV\_INT must be 9

171	<b>MV_REG</b>	number (1,0)	Required:false
About two years ago were you taking multivitamin pills or tablets regularly? (Ref. 2.16)			

- Allowable Values
- 1** Yes
  - 2** No
  - 9** Unknown

**Error Description**

if MULTIVITAMIN is not 1 then MV\_REG must be NULL

if MULTIVITAMIN is 1 then MV\_REG must not be NULL

172	<b>MV_LEN</b>	number (3,0)	Required:false
How long, in total, have you taken multivitamin pills or tablets? (Ref. 2.16)			

- Allowable Values
- 1 to 130 or 999** Range
  - 999** Unknown

**Error Description**

if MULTIVITAMIN is not 1 then MV\_LEN must be NULL

if MULTIVITAMIN is 1 then MV\_LEN must not be NULL

if MV\_LEN not equals NULL and MV\_TIME equals 1 then MV\_LEN must be 1-75

if MV\_LEN not equals NULL and MV\_TIME=2, then MV\_LEN must be 1-130

if MV\_LEN not equals NULL and MV\_TIME=9, then MV\_LEN must be 999

if MV\_REG=1 and MV\_TIME=1, then MV\_LEN must be less than AGE\_EPI\*12

if MV\_REG=1 and MV\_TIME=2, then MV\_LEN must be less or equal than AGE\_EPI

if MV\_REG=2 and MV\_TIME=1, then MV\_LEN must be less than AGE\_EPI\*12 - 24

if MV\_REG=2 and MV\_TIME=2, then MV\_LEN must be less than or equal AGE\_EPI - 2

173

**MV\_TIME**

number (1,0)

Required: false

Interval for total time multivitamin pills or tablets were taken. (Ref. 2.16)

Allowable Values

**1** Number of Months

**2** Number of Years

**9** Unknown

**Error Description**

if MULTIVITAMIN is not 1 then MV\_TIME must be NULL

if MULTIVITAMIN is 1 then must not be NULL

if MV\_TIME not equals NULL and MV\_LEN not in (NULL,999), then MV\_TIME must be in (1,2)

if MV\_TIME not equals NULL and MV\_LEN not equals NULL and MV\_LEN =999, then MV\_TIME must be 9

174

**FOLATE**

number (1,0)

Required: true

Have you ever taken folic acid or folate pills or tablets at least twice a week for more than a month? (Ref. 2.16)

Allowable Values

**1** Yes

**2** No

**9** Unknown

**8** Not Asked

175

**FA\_FRQ**

number (3,0)

Required: false

When you were taking folic acid or folate pills or tablets regularly, how often did you take them? (Ref. 2.16)

Allowable Values

**1 to 30 or 999** Range

**999** Unknown

**Error Description**

if FOLATE is not 1 then FA\_FRQ must be NULL

if FOLATE is 1 then FA\_FRQ must not be NULL

if FA\_FRQ not equals NULL and FA\_INT=1 then FA\_FRQ must be 1-30

if FA\_FRQ not equals NULL and FA\_INT=1 then FA\_FRQ must be 1-40

176	<b>FA_INT</b>	number (1,0)	Required: false
Interval for frequency folic acid or folate pills were taken. (Ref. 2.16)			

- | Allowable Values |          |
|------------------|----------|
| <b>1</b>         | Per Day  |
| <b>2</b>         | Per Week |
| <b>9</b>         | Unknown  |

Error Description
if FOLATE not equals 1, then FA_INT must be null
if FOLATE equals 1, then FA_INT must NOT be null
if FA_INT not equals NULL and FA_FRQ not equals NULL and FA_FRQ not equals 999, then FA_INT must be in(1,2)
if FA_INT not equals NULL and FA_FRQ not equals NULL and FA_FRQ equals 999, then FA_INT must be 9

177	<b>FA_REG</b>	number (1,0)	Required: false
About two years ago were you taking folic acid or folate pills or tablets regularly? (Ref. 2.16)			

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

Error Description
if FOLATE is not 1 then FA_REG must be NULL
if FOLATE is 1 then FA_REG must not be NULL

178	<b>FA_LEN</b>	number (3,0)	Required: false
How long, in total, have you taken folic acid or folate pills or tablets? (Ref. 2.16)			

- | Allowable Values      |         |
|-----------------------|---------|
| <b>1 to 90 or 999</b> | Range   |
| <b>999</b>            | Unknown |

Error Description
if FOLATE is not 1 then FA_LEN must be NULL
if FOLATE is 1 then FA_LEN must not be NULL
if FA_LEN not equals NULL and FA_TIME equals 1 then FA_LEN must be 1-75
if FA_LEN not equals NULL and FA_TIME=2, then FA_LEN must be 1-90
if FA_LEN not equals NULL and FA_TIME=9, then FA_LEN must be 999
if FA_REG=1 and FA_TIME=1, then FA_LEN must be less than AGE_EPI*12
if FA_REG=1 and FA_TIME=2, then FA_LEN must be less than AGE_EPI

if FA\_REG=2 and FA\_TIME=1 , then FA\_LEN must be less than AGE\_EPI\*12 - 24

if FA\_REG=2 and FA\_TIME=2 , then FA\_LEN must be less or equal than AGE\_EPI - 2

179 **FA\_TIME** number (1,0) Required: false

Interval for total amount of time folic acid or folate pills or tablets were taken. (Ref. 2.16)

Allowable Values

1 Number in Months

2 Number in Years

9 Unknown

**Error Description**

if FOLATE is not 1 then FA\_TIME must be NULL

if FOLATE is 1 then must not be NULL

if FA\_TIME not equals NULL and FA\_LEN not in (NULL,999), then FA\_TIME must be in (1,2)

if FA\_TIME not equals NULL and FA\_LEN not equals NULL and FA\_LEN =999, then FA\_TIME must be 9

180 **CALCIUM** number (1,0) Required: true

Have you ever taken calcium pills or tablets (not including antacids) at least twice a week for more than a month? (Ref. 2.16)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

181 **CALCIUM\_FRQ** number (3,0) Required: false

When you were taking calcium pills or tablets regularly, how often did you take them? (Ref. 2.16)

Allowable Values

1 to 50 or 999 Range

999 Unknown

**Error Description**

if CALCIUM is not 1 then CALCIUM\_FRQ must be NULL

if CALCIUM is 1 then CALCIUM\_FRQ must not be NULL

if CALCIUM\_FRQ not equals NULL and CALCIUM\_INT=1 then CALCIUM\_FRQ must be 1-50

if CALCIUM\_FRQ not equals NULL and CALCIUM\_INT=1 then CALCIUM\_FRQ must be 1-40

182 **CALCIUM\_INT** number (1,0) Required: false

Interval for frequency calcium pills or tablets taken. (Ref. 2.16)

Allowable Values



1	Per Day
2	Per Week
9	Unknown

Error Description	
if CALCIUM not equals 1, then CALCIUM_INT must be null	
if CALCIUM_INT not equals NULL and CALCIUM_FRQ not equals NULL and CALCIUM_FRQ not equals 999, then CALCIUM_INT must be in(1,2)	
if CALCIUM_INT not equals NULL and CALCIUM_FRQ not equals NULL and CALCIUM_FRQ equals 999, then CALCIUM_INT must be 9	

183	<b>CALCIUM_REG</b>	number (1,0)	Required: false
About two years ago were you taking calcium pills or tablets regularly? (Ref. 2.16)			

Allowable Values	
1	Yes
2	No
9	Unknown

Error Description	
if CALCIUM is not 1 then CALCIUM_REG must be NULL	
if CALCIUM is 1 then CALCIUM_REG must not be NULL	

184	<b>CALCIUM_LEN</b>	number (3,0)	Required: false
How long, in total, have you taken calcium pills or tablets? (Ref. 2.16)			

Allowable Values	
1 to 210 or 999	Range
999	Unknown

Error Description	
if CALCIUM is not 1 then CALCIUM_LEN must be NULL	
if CALCIUM is 1 then CALCIUM_LEN must not be NULL	
if CALCIUM_LEN not equals NULL and CALCIUM_TIME equals 1 then CALCIUM_LEN must be 1-75	
if CALCIUM_LEN not equals NULL and CALCIUM_TIME=2, then CALCIUM_LEN must be 1-210	
if CALCIUM_LEN not equals NULL and CALCIUM_TIME=9, then CALCIUM_LEN must be 999	
if CALCIUM_REG=1 and CALCIUM_TIME=1, then CALCIUM_LEN must be less than AGE_EPI*12	
if CALCIUM_REG=1 and CALCIUM_TIME=2, then CALCIUM_LEN must be less than AGE_EPI	
if CALCIUM_REG=2 and CALCIUM_TIME=1, then CALCIUM_LEN must be less than AGE_EPI*12 - 24	
if CALCIUM_REG=2 and CALCIUM_TIME=2, then CALCIUM_LEN must be less or equal than AGE_EPI - 2	

185	<b>CALCIUM_TIME</b>	number (1,0)	Required: false
Interval for total time calcium pills or tablets were taken. (Ref. 2.16)			

Allowable Values

1 Number of Months

2 Number of Years

9 Unknown

**Error Description**

if CALCIUM is not 1 then CALCIUM\_TIME must be NULL

if CALCIUM is 1 then must not be NULL

if CALCIUM\_TIME not equals NULL and CALCIUM\_LEN not in (NULL,999), then CALCIUM\_TIME must be in (1,2)

if CALCIUM\_TIME not equals NULL and CALCIUM\_LEN not equals NULL and CALCIUM\_LEN =999, then CALCIUM\_TIME must be 9

**ANTACIDS**

number (1,0)

Required:true

186

Have you ever taken calcium-based antacids (such as Tums, Rolaids, Extra-Strength Rolaids, Alka-Mints, and Chooz Antacid gum) at least twice a week for more than a month? (Ref. 2.16)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

**ANTACID\_FRQ**

number (3,0)

Required:false

187

When you were taking calcium-based antacids regularly, how often did you take them? (Ref. 2.16)

Allowable Values

1 to 700 or 999 Range

999 Unknown

**Error Description**

if ANTACID is not 1 then ANTACID\_FRQ must be NULL

if ANTACID is 1 then ANTACID\_FRQ must not be NULL

if ANTACID\_FRQ not equals NULL and ANTACID\_INT=1 then ANTACID\_FRQ must be 1-129

if ANTACID\_FRQ not equals NULL and ANTACID\_INT=1 then ANTACID\_FRQ must be 1-40

**ANTACID\_INT**

number (1,0)

Required:false

188

Interval for frequency calcium-based were taken. (Ref. 2.16)

Allowable Values

1 Per Day

2 Per Week

9 Unknown

**Error Description**

if ANTACID not equals 1, then ANTACID\_INT must be null

if ANTACID equals 1, then ANTACID\_INT must NOT be null

if ANTACID\_INT not equals NULL and ANTACID\_FRQ not equals NULL and ANTACID\_FRQ not equals 999, then ANTACID\_INT must be in(1,2)

if ANTACID\_INT not equals NULL and ANTACID\_FRQ not equals NULL and ANTACID\_FRQ equals 999, then ANTACID\_INT must be 9

189

**ANTACID\_REG**

number (1,0)

Required:false

About two years ago were you taking calcium-based antacids regularly? (Ref. 2.16)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

if ANTACID is not 1 then ANTACID\_REG must be NULL

if ANTACID is 1 then ANTACID\_REG must not be NULL

190

**ANTACID\_LEN**

number (3,0)

Required:false

How long, in total, have you taken calcium-based antacids? (Ref. 2.16)

Allowable Values

- 1 to 900 or 999 Range
- 999 Unknown

**Error Description**

if ANTACID is not 1 then ANTACID\_LEN must be NULL

if ANTACID is 1 then ANTACID\_LEN must not be NULL

if ANTACID\_LEN not equals NULL and ANTACID\_TIME equals 1 then ANTACID\_LEN must be 1-75

if ANTACID\_LEN not equals NULL and ANTACID\_TIME=2, then ANTACID\_LEN must be 1-130

if ANTACID\_LEN not equals NULL and ANTACID\_TIME=9, then ANTACID\_LEN must be 999

if ANTACID\_REG equals 1 and ANTACID\_TIME equals 1, then ANTACID\_LEN must be less than AGE\_EPI\*12

if ANTACID\_REG=1 and ANTACID\_TIME=2, then ANTACID\_LEN must be less than AGE\_EPI

if ANTACID\_REG=2 and ANTACID\_TIME=1, then ANTACID\_LEN must be less than AGE\_EPI\*12 - 24

if ANTACID\_REG=2 and ANTACID\_TIME=2, then ANTACID\_LEN must be less than AGE\_EPI - 2

191

**ANTACID\_TIME**

number (1,0)

Required:false

Interval for total time calcium-based antacids were taken. (Ref. 2.16)

Allowable Values

- 1 Number of Months
-

- 2 Number of Years
- 9 Unknown

**Error Description**

if ANTACID is not 1 then ANTACID\_TIME must be NULL

if ANTACID is 1 then must not be NULL

if ANTACID\_TIME not equals NULL and ANTACID\_LEN not in (NULL,999), then ANTACID\_TIME must be in (1,2)

if ANTACID\_TIME not equals NULL and ANTACID\_LEN not equals NULL and ANTACID\_LEN =999, then ANTACID\_TIME must be 9

192	<b>COX2</b>	number (1,0)	Required: true
Have you ever taken a Cox-II inhibitor (such as Celebrex, Celecoxib, Vioxx, Rofecoxib, Bextra, or Valdecoxib) at least twice a week for more than a month?			

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

193	<b>COX2_FRQ</b>	number (1,0)	Required: false
When you were taking a Cox-II inhibitor regularly, how often did you take it?			

Allowable Values

- 1 to 900 or 999 Range
- 999 Unknown

**Error Description**

COX2 = 1, COX2\_FRQ must not be null

COX2 does not equal 1, COX2\_FRQ must be null

COX2\_INT = 9, must be 999

194	<b>COX2_INT</b>	number (1,0)	Required: false
Interval in which the Cox-II inhibitor was taken.			

Allowable Values

- 1 Per Day
- 2 Per Week
- 9 Unknown

**Error Description**

COX2 = 1, must not be null

COX2 does not equal 1, must be null

COX2\_FRQ is 999, must be 9

195	<b>COX2_REG</b>	number (1,0)	Required:false
About two years ago were you taking a Cox-II inhibitor regularly?			

Allowable Values

- |   |         |
|---|---------|
| 1 | Yes     |
| 2 | No      |
| 9 | Unknown |

**Error Description**

COX2 = 1, must not be null

COX2 is not 1, must be null

196	<b>COX2_LEN</b>	number (1,0)	Required:false
How long, in total, have you taken a Cox-II inhibitor?			

Allowable Values

- |                 |         |
|-----------------|---------|
| 1 to 900 or 999 | Range   |
| 999             | Unknown |

**Error Description**

COX2 = 1, must not be null

COX2 is not 1, must be null

COX2\_TIME is 9, must be 999

197	<b>COX2_TIME</b>	number (1,0)	Required:false
Interval for total time a Cox-II inhibitor was taken.			

Allowable Values

- |   |                  |
|---|------------------|
| 1 | Number of Months |
| 2 | Number of Years  |
| 9 | Unknown          |

**Error Description**

COX2 = 1, must not be null

COX2 is not 1, must be null

COX2\_LEN is 999, must be 9

# Module: colon-epi-part2

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198	<b>MP_1ST_AGE</b>	number (3,0)	Required: false
(for females only) How old were you when you had your first menstrual period? (Ref. 3.1)			

Allowable Values	
<b>7 to 80 or 999, 888</b>	Range
<b>0</b>	Never Had Menstrual Period
<b>999</b>	Unknown
<b>888</b>	Not Asked

Error Description
if SEX not equal 2 then MP_1ST_AGE must be null
if SEX=2 then MP_1ST_AGE must be not null
If MP_1ST_AGE not in(null, 888, 999) then MP_1ST_AGE must be less than or equal AGE_EPI

199	<b>PREGNANT</b>	number (1,0)	Required: false
(for females only) Have you ever been pregnant? (Ref. 3.2)			

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

Error Description
if SEX not equal 2 then PREGNANT must be null
if SEX equals 2 then PREGNANT must not be null
if SEX=2 and MP_1ST_AGE=0 then PREGNANT must be equals 2

200	<b>PREG_NO</b>	number (2,0)	Required: false
(for females only) How many times have you been pregnant? Please include miscarriages, stillbirths, tubal pregnancies, and abortions. If currently pregnant, exclude your current pregnancy. (Ref. 3.2.1)			

Allowable Values
------------------

<b>1 to 50 or 97, 99</b>	Range
<b>97</b>	Currently Pregnant for the First Time
<b>99</b>	Unknown

Error Description
if SEX not equal 2 then must be null
if SEX=2 and MP_1ST_AGE=0 then PREG_NO must be null
if SEX=2 and MP_1ST_AGE not equal 0 and PREGNANT not equal 1 then PREG_NO must be null
if SEX=2 and MP_1ST_AGE not equal 0 and PREGNANT=1 then PREG_NO must be not null

201	<b>PREG_MULT_NO</b>	number (2,0)	Required: false
(for females only) How many times were you pregnant with more than one baby? (Ref. 3.2.2)			

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

Error Description
if SEX not equal 2 then must be null
if SEX=2 AND MP_1ST_AGE in (0,888) then PREG_MULT_NO must be null
if SEX=2 and PREGNANT not equal 1 then PREG_MULT_NO must be null
if SEX=2 AND MP_1ST_AGE not equal 0 and PREGNANT=1 and PREG_NO=97 then PREG_MULT_NO must be null
if SEX=2 AND MP_1ST_AGE not equal 0 and PREGNANT=1 and PREG_NO not equal 97 then PREG_MULT_NO must be not null
if PREG_MULT_NO not in(null,99) and PREG_NO not in(null,99) then PREG_MULT_NO must be less than or equal PREG_NO

202	<b>PREG_6MO_NO</b>	number (2,0)	Required: false
(for females only) How many of your pregnancies lasted 6 months or longer? (Ref. 3.2.3)			

Allowable Values	
<b>0 to 20 or 99</b>	Range
<b>99</b>	Unknown

Error Description
if SEX not equal 2 then PREG_6MO_NO must be null
if SEX=2 AND MP_1ST_AGE=0 then PREG_6MO_NO must be null
if SEX=2 AND MP_1ST_AGE not equal 0 and PREGNANT not equal 1 then PREG_6MO_NO must be null
if SEX=2 AND MP_1ST_AGE not equal 0 and PREGNANT=1 and PREG_NO=97 then PREG_6MO_NO must be null
if SEX=2 AND MP_1ST_AGE not equal 0 and PREGNANT=1 and PREG_NO not equal 97 then PREG_6MO_NO must be not null
IF PREG_6MO_NO not in (null,99) and PREG_NO not in(null,99) then PREG_6MO_NO must be less than or equal PREG_NO

203	<b>LIVE_BIR_NO</b>	number (2,0)	Required:false
(for females only) How many of your pregnancies resulted in live births? (Ref. 3.2.4)			

Allowable Values

<b>0 to 20 or 99</b>	Range
----------------------	-------

<b>99</b>	Unknown
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**Error Description**

- if SEX not equal 2 then LIVE\_BIR\_NO must be null
- if SEX=2 AND MP\_1ST\_AGE=0 then LIVE\_BIR\_NO must be null
- if SEX=2 AND PREG\_6MO\_NO=0 then must be null or 0
- if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT not equal 1 then LIVE\_BIR\_NO must be null
- if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO=97 then LIVE\_BIR\_NO must be null
- if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO not equal 97 and PREG\_6MO\_NO not equal 0 then LIVE\_BIR\_NO must be not null
- IF LIVE\_BIR\_NO not in (null,99) and PREG\_NO not equal 99 then LIVE\_BIR\_NO must be less than or equal PREG\_NO

204	<b>LB_1ST_AGE</b>	number (3,0)	Required:false
(for females only) How old were you at the first live birth? (Ref. 3.2.4.1)			

Allowable Values

<b>12 to 60 or 999</b>	Range
------------------------	-------

<b>999</b>	Unknown
------------	---------

**Error Description**

- if SEX not equal 2 then LB\_1ST\_AGE must be null
- if SEX=2 AND MP\_1ST\_AGE=0 then LB\_1ST\_AGE must be null
- if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT not equal 1 then LB\_1ST\_AGE must be null
- if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO=97 then LB\_1ST\_AGE must be null
- if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO not equal 97 and LIVE\_BIR\_NO=0 then LB\_1ST\_AGE must be null
- if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO not equal 97 and LIVE\_BIR\_NO not equal 0 then LB\_1ST\_AGE must not be null
- IF LB\_1ST\_AGE not in(null, 999) then LB\_1ST\_AGE must be less than or equal AGE\_EPI
- if LB\_1ST\_AGE not in(null,999) and MP\_1ST\_AGE not in(null,888,999) then LB\_1ST\_AGE must be greater than or equal MP\_1ST\_AGE

205	<b>LB_LST_AGE</b>	number (3,0)	Required:false
(for females only) How old were you at the last live birth? (Ref. 3.2.4.2)			

Allowable Values

<b>12 to 60 or 999</b>	Range
------------------------	-------

<b>999</b>	Unknown
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**Error Description**

if SEX not equal 2 then LB\_LST\_AGE must be null

if SEX=2 AND MP\_1ST\_AGE=0 then LB\_LST\_AGE must be null

if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT not equal 1 then LB\_LST\_AGE must be null

if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO=97 then LB\_LST\_AGE must be null

if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO not equal 97 and LIVE\_BIR\_NO=0 then LB\_LST\_AGE must be null

if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO not equal 97 and LIVE\_BIR\_NO less than 2 then=LB\_LST\_AGE must be null

if SEX=2 AND MP\_1ST\_AGE not equal 0 and PREGNANT=1 and PREG\_NO not equal 97 and LIVE\_BIR\_NO greater than or equal 2 then LB\_LST\_AGE must be not null

IF LB\_LST\_AGE not in(null, 999) then LB\_LST\_AGE must be less than or equal AGE\_EPI

if LB\_LST\_AGE not in(null,999) and MP\_1ST\_AGE not in(null,999) then LB\_LST\_AGE must be greater than or equal MP\_1ST\_AGE

if LB\_LST\_AGE not in(null,999) and LB\_1ST\_AGE not in(null,999) then LB\_LST\_AGE must be greater than or equal LB\_1ST\_AGE

**HORM\_CONTRACEP**

number (1,0)

Required:false

206

(for females only) Have you ever used birth control pills or other hormonal contraceptives (implants or injections) for at least one year? (Ref. 3.3)

Allowable Values

1 Yes

2 No

9 Unknown

**Error Description**

if SEX not equal 2 then HORM\_CONTRACEP must be null

if SEX=2 and MP\_1ST\_AGE=0 then HORM\_CONTRACEP must be 2

if SEX=2 then HORM\_CONTRACEP must be not null

**HC\_1ST\_AGE**

number (3,0)

Required:false

207

(for females only) How old were you when you first used any of these hormonal contraceptives? (Ref. 3.3.1)

Allowable Values

10 to 60 or 999 Range

999 Unknown

**Error Description**

if SEX not equal 2 then HC\_1ST\_AGE must be null

if SEX=2 and MP\_1ST\_AGE=0 then HC\_1ST\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0 and HORM\_CONTRACEP not equal 1 then HC\_1ST\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0 and HORM\_CONTRACEP=1 then HC\_1ST\_AGE must be not null

if HC\_1ST\_AGE not in(null, 999) then HC\_1ST\_AGE must be less than AGE\_EPI

if HC\_1ST\_AGE not in(null, 999) and MP\_1ST\_AGE not in (888,999) then HC\_1ST\_AGE must be greater than or equal MP\_1ST\_AGE

208	<b>HC_CONT</b>	number (1,0)	Required:false
(for females only) Were you still using hormonal contraceptives about two years ago? (Ref. 3.3.2)			

Allowable Values	
1	Yes
2	No
9	Unknown

Error Description	
if SEX not equal 2 then HC_CONT must be null	
if SEX=2 and MP_1ST_AGE in (0,888) then HC_CONT must be null	
if SEX=2 and MP_1ST_AGE not equal 0 and HORM_CONTRACEP not equal 1 then HC_CONT must be null	

209	<b>HC_YRS</b>	number (3,0)	Required:false
(for females only) In total, how long did you take these hormonal contraceptives (number of years)? (Ref. 3.3.3)			

Allowable Values	
0 to 100 or 999	Range
999	Unknown

Error Description	
if SEX not equal 2 then HC_YRS must be null	
if SEX=2 and MP_1ST_AGE=0,888 then HC_YRS must be null	
if SEX=2 and MP_1ST_AGE not equal 0,888 and HORM_CONTRACEP not equal 1 then HC_YRS must be null	
if SEX=2 and MP_1ST_AGE not equal 0,888 and HORM_CONTRACEP=1 then HC_YRS must be not null	
if HC_YRS not in(null,999) and HC_1ST_AGE not in(null,999) then HC_YRS must be less than or equal (AGE_EPI - HC_1ST_AGE)	

210	<b>MP_LST_YR</b>	number (1,0)	Required:false
(for females only) Have you had a menstrual period in the last 12 months? (Only menstrual bleeding is of interest. Do not include bleeding that results from hormone replacement therapy (HRT) or progesterone, progestin, or withdrawal bleeding.) (Ref. 3.4)			

Allowable Values	
1	Yes
2	No
9	Unknown

Error Description	
if SEX not equal 2 then MP_LST_YR must be null	
if SEX=2 and MP_1ST_AGE=0,888 then MP_LST_YR must be null	
if SEX=2 and MP_1ST_AGE not equal 0,888 then MP_LST_YR must be not be null	

	<b>MP_STOP</b>	number (1,0)	Required:false
--	----------------	--------------	----------------

211 (for females only) Have your menstrual periods stopped permanently or only temporarily due to pregnancy, breast-feeding, or other conditions? (Ref. 3.4.1)

Allowable Values

1 Permanently

2 Temporarily

9 Unknown

**Error Description**

if SEX not equal 2 then MP\_STOP must be null

if SEX=2 and MP\_1ST\_AGE=0,888 then MP\_STOP must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR not equal 2 then MP\_STOP must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 then MP\_STOP must be not null

212 **MP\_STOP\_AGE** number (3,0) Required:false

(for females only) How old were you when your periods stopped permanently? (Ref. 3.4.2)

Allowable Values

12 to 80 or 999 Range

999 Unknown

**Error Description**

if SEX not equal 2 then MP\_STOP\_AGE must be null

if SEX=2 and MP\_1ST\_AGE=0,888 then MP\_STOP\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR not equal 2 then MP\_STOP\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0 and MP\_LST\_YR=2 and MP\_STOP not equal 1 then MP\_STOP\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0 and MP\_LST\_YR=2 and MP\_STOP=1 then MP\_STOP\_AGE must be not null

if MP\_STOP\_AGE not in(null,999) then MP\_STOP\_AGE must be less than or equal AGE\_EPI

if MP\_STOP\_AGE not in(null,999) and MP\_1ST\_AGE not in(null,999) then MP\_STOP\_AGE must be greater than or equal MP\_1ST\_AGE

if MP\_STOP\_AGE not in(null,999) and LB\_1ST\_AGE not in(null,999) then MP\_STOP\_AGE must be greater than or equal LB\_1ST\_AGE

if MP\_STOP\_AGE not in(null,999) and LB\_LST\_AGE not in(null,999) then MP\_STOP\_AGE must be greater than or equal LB\_LST\_AGE

213 **MPS\_NM** number (1,0) Required:false

(for females only) Did your menstrual periods stop permanently because of natural menopause? (Ref. 3.4.3)

Allowable Values

1 Yes

2 No

9 Unknown

**Error Description**

if SEX not equal 2 then MPS\_NM must be null

if SEX=2 and MP\_1ST\_AGE=0,888 then MPS\_NM must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR not equal 2 then MPS\_NM must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP not equal 1 then MPS\_NM must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 then MPS\_NM must be not null

214

**MPS\_GS**

number (1,0)

Required:false

(for females only) Did your menstrual period stop permanently because of gynecologic surgery? (Ref. 3.4.3)

Allowable Values

1 Yes

2 No

9 Unknown

**Error Description**

if SEX not equal 2 then MPS\_GS must be null

if SEX=2 and MP\_1ST\_AGE=0,888 then MPS\_GS must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR not equal 2 then MPS\_GS must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP not equal 1 then MPS\_GS must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 then MPS\_GS must be not null

215

**MPS\_RC**

number (1,0)

Required:false

(for females only) Did your menstrual periods stop permanently because of radiation or chemotherapy? (Ref. 3.4.3)

Allowable Values

1 Yes

2 No

9 Unknown

**Error Description**

if SEX not equal 2 then MPS\_RC must be null

if SEX=2 and MP\_1ST\_AGE=0,888 then MPS\_RC must be null

if SEX=2 and MP\_1ST\_AGE not equal 0 and MP\_LST\_YR not equal 2 then MPS\_RC must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP not equal 1 then MPS\_RC must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 then MPS\_RC must be not null

216

**MPS\_RC\_AGE**

number (3,0)

Required:false

(for females only) How old were you when you first had radiation or chemotherapy? (Ref. 3.4.3.3)

Allowable Values

1 to 100 or 999 Range

999 Unknown

**Error Description**

if SEX not equal 2 then MPS\_RC\_AGE must be null

if SEX=2 and MP\_1ST\_AGE=0,888 then MPS\_RC\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR not equal 2 then MPS\_RC\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP not equal 1 then MPS\_RC\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 and MPS\_RC not equal 1 then MPS\_RC\_AGE must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 and MPS\_RC=1 then MPS\_RC\_AGE must be not null

if MPS\_RC\_AGE not in(null, 999) then MPS\_RC\_AGE must be less than or equal AGE\_EPI

if MPS\_RC\_AGE not in(null, 999) and MP\_1ST\_AGE not in(null, 999) then MPS\_RC\_AGE must be greater than or equal MP\_1ST\_AGE

217	<b>MPS_OTH</b>	number (1,0)	Required:false
(for females only) Did your menstrual periods stop permanently for other reasons? (Ref. 3.4.3)			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown

**Error Description**

if SEX=2 and MP\_1ST\_AGE=0,888 then MPS\_OTH must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR not equal 2 then MPS\_OTH must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP not equal 1 then MPS\_OTH must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 then MPS\_OTH must be not null

218	<b>MPS_OTH_TXT</b>	string (40)	Required:false
(for females only) Please specify the other reasons why your menstrual periods stopped permanently. (Ref. 3.4.3)			

**Error Description**

if SEX not equal 2 then MPS\_OTH\_TXT must be null

if SEX=2 and MP\_1ST\_AGE=0,888 then MPS\_OTH\_TXT must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR not equal 2 then MPS\_OTH\_TXT must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP not equal 1 then MPS\_OTH\_TXT must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 and MPS\_OTH not equal 1 then MPS\_OTH\_TXT must be null

if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 and MPS\_OTH=1 then MPS\_OTH\_TXT must be not null

219	<b>MPS_OTH_AGE</b>	number (3,0)	Required:false
(for females only) How old were you when you first had an "other" specified condition or treatments that made menstrual periods stop permanently? (Ref. 3.4.3.4)			

Allowable Values



1 to 60 or 999	Range
999	Unknown

**Error Description**

- if SEX not equal 2 then MPS\_OTH\_AGE must be null
- if SEX=2 and MP\_1ST\_AGE=0,888 then MPS\_OTH\_AGE must be null
- if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR not equal 2 then MPS\_OTH\_AGE must be null
- if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP not equal 1 then MPS\_OTH\_AGE must be null
- if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 and MPS\_OTH not equal 1 then MPS\_OTH\_AGE must be null
- if SEX=2 and MP\_1ST\_AGE not equal 0,888 and MP\_LST\_YR=2 and MP\_STOP=1 and MPS\_OTH=1 then MPS\_OTH\_AGE must be not null
- if MPS\_OTH\_AGE not in(null, 999) then MPS\_OTH\_AGE must be less than or equal AGE\_EPI
- if MPS\_OTH\_AGE not in(null, 999) and MP\_1ST\_AGE not in(null, 999) then MPS\_OTH\_AGE must be greater than or equal MP\_1ST\_AGE

220 **HYST\_ONLY** number (1,0) Required:false  
 (for females only) Have you had a hysterectomy (where only the uterus or womb was removed)? (Ref. 3.4.3.2)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**Error Description**

- if SEX not equal 2 then HYST\_ONLY must be null
- if SEX=2 then HYST\_ONLY must not be null
- if HYST\_ONLY not equal null and (HYST\_P\_OV=1 or HYST\_B\_OV=1) then HYST\_ONLY must be 2

221 **HYST\_ONLY\_AGE** number (3,0) Required:false  
 (for females only) How old were you when you first had a hysterectomy only? (Ref. 3.4.3.2)

Allowable Values

- 1 to 100 or 999 Range
- 999 Unknown

**Error Description**

- if SEX not equal 2 then HYST\_ONLY\_AGE must be null
- if SEX=2 and HYST\_ONLY not equal 1 then HYST\_ONLY\_AGE must be null
- if SEX=2 and HYST\_ONLY=1 then HYST\_ONLY\_AGE must be not null
- if HYST\_ONLY\_AGE not in(null,999) then HYST\_ONLY\_AGE must be less than or equal AGE EPI
- if HYST\_ONLY\_AGE not in(null,999) and LB\_1ST\_AGE not in(null,999) then HYST\_ONLY\_AGE must be greater than or equal LB\_1ST\_AGE

AGE

if HYST\_ONLY\_AGE not in(null,999) and LB\_LST\_AGE not in(null,999) then HYST\_ONLY\_AGE must be greater than or equal LB\_LST\_AGE

if HYST\_ONLY\_AGE not in(null,999) and MP\_STOP\_AGE not in(null, 999) then HYST\_ONLY\_AGE must be greater than or equal MP\_S TOP\_AGE

222

**HYST\_P\_OV**

number (1,0)

Required:false

(for females only) Did you have a hysterectomy along with one ovary or partial ovary? (Ref. 3.4.3.2)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

**Error Description**

if SEX not equal 2 then HYST\_P\_OV must be null

if SEX=2 then HYST\_P\_OV must be not null

if HYST\_P\_OV not equal null and (HYST\_ONLY=1 or HYST\_B\_OV=1 or OV\_B\_REM=1) then HYST\_P\_OV must be 2

223

**HYST\_P\_OV\_AGE**

number (3,0)

Required:false

(for females only) How old were you when you first had a hysterectomy along with one ovary or partial ovary? (Ref. 3.4.3.2)

Allowable Values

- 1 to 100 or 999 Range
- 999 Unknown

**Error Description**

if SEX not equal 2 then HYST\_P\_OV\_AGE must be null

if SEX=2 and HYST\_P\_OV not equal 1 then HYST\_P\_OV\_AGE must be null

if SEX=2 and HYST\_P\_OV=1 then HYST\_P\_OV\_AGE must be not null

if HYST\_P\_OV\_AGE not in(null,999) then HYST\_P\_OV\_AGE must be less than or equal AGE EPI

if HYST\_P\_OV\_AGE not in(null,999) and LB\_1ST\_AGE not in(null,999) then HYST\_P\_OV\_AGE must be greater than or equal LB\_1ST\_AGE

if HYST\_P\_OV\_AGE not in(null,999) and LB\_LST\_AGE not in(null,999) then HYST\_P\_OV\_AGE must be greater than or equal LB\_LST\_AGE

if HYST\_P\_OV\_AGE not in(null,999) and MP\_STOP\_AGE not in(null, 999) then HYST\_P\_OV\_AGE must be greater than or equal MP\_S TOP\_AGE

224

**HYST\_B\_OV**

number (1,0)

Required:false

(for females only) Did you have a hysterectomy along with both ovaries? (Ref. 3.4.3.2)

Allowable Values

- 1 Yes
- 2 No

9	Unknown
8	Not Asked

Error Description
if SEX not equal 2 then HYST_B_OV must be null
if SEX=2 then HYST_B_OV must be not null
if HYST_B_OV not equal null and (HYST_ONLY=1 or HYST_P_OV=1 or OV_B_REM=1) then HYST_B_OV must be 2

225	<b>HYST_B_OV_AGE</b>	number (3,0)	Required:false
(for females only) How old were you when you first had a hysterectomy along with both ovaries? (Ref. 3.4.3.2)			

Allowable Values	
1 to 100 or 999	Range
999	Unknown

Error Description
if SEX not equal 2 then HYST_B_OV_AGE must be null
if SEX=2 and HYST_B_OV not equal 1 then HYST_B_OV_AGE must be null
if SEX=2 and HYST_B_OV=1 then HYST_B_OV_AGE must be not null
if HYST_B_OV_AGE not in(null,999) then HYST_B_OV_AGE must be less than or equal AGE EPI
if HYST_B_OV_AGE not in(null,999) and LB_1ST_AGE not in(null,999) then HYST_B_OV_AGE must be greater than or equal LB_1ST_AGE
if HYST_B_OV_AGE not in(null,999) and LB_LST_AGE not in(null,999) then HYST_B_OV_AGE must be greater than or equal LB_LST_AGE
if HYST_B_OV_AGE not in(null,999) and MP_STOP_AGE not in(null, 999) then HYST_B_OV_AGE must be greater than or equal MP_S TOP_AGE

226	<b>OV_REM</b>	number (1,0)	Required:false
(for females only) Did you have one ovary removed in whole or part without hysterectomy? (Ref. 3.4.3.2)			

Allowable Values	
1	Yes
2	No
9	Unknown
8	Not Asked

Error Description
if SEX not equal 2 then OV_REM must be null
if SEX=2 then OV_REM must be not null
if OV_REM not equal null and (HYST_B_OV=1 or OV_B_REM=1) then OV_REM must be 2

227	<b>OV_REM_AGE</b>	number (3,0)	Required:false
(for females only) How old were you when you first had one ovary removed, in whole or part, without hysterectomy? (Ref.			

3.4.3.2)

Allowable Values

1 to 100 or 999 Range

999 Unknown

**Error Description**

if SEX not equal 2 then OV\_REM\_AGE must be null

if SEX=2 and OV\_REM not equal 1 then OV\_REM\_AGE must be null

if SEX=2 and OV\_REM=1 then OV\_REM\_AGE must be not null

if OV\_REM\_AGE not in(null,999) then OV\_REM\_AGE must be less than or equal AGE EPI

**OV\_B\_REM**

number (1,0)

Required:false

228

(for females only) Did you have both ovaries removed without hysterectomy? (Ref. 3.4.3.2)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

**Error Description**

if SEX not equal 2 then OV\_B\_REM must be null

if SEX equal 2 then OV\_B\_REM must not be null

if OV\_B\_REM not equal null and (HYST\_P\_OV=1 or HYST\_B\_OV=1 or OV\_REM=1) then OV\_B\_REM must be 2

**OV\_B\_REM\_AGE**

number (3,0)

Required:false

229

(for females only) How old were you when you first had both ovaries removed without hysterectomy? (Ref. 3.4.3.2)

Allowable Values

1 to 100 or 999 Range

999 Unknown

**Error Description**

if SEX not equal 2 then OV\_B\_REM\_AGE must be null

if SEX=2 and OV\_B\_REM not equal 1 then OV\_B\_REM\_AGE must be null

if SEX=2 and OV\_B\_REM=1 then OV\_B\_REM\_AGE must be not null

if OV\_B\_REM\_AGE not in(null,999) then OV\_B\_REM\_AGE must be less than or equal AGE EPI

if OV\_B\_REM\_AGE not in(null,999) and LB\_1ST\_AGE not in(null,999) then OV\_B\_REM\_AGE must be greater than or equal LB\_1ST\_AGE

if OV\_B\_REM\_AGE not in(null,999) and LB\_LST\_AGE not in(null,999) then OV\_B\_REM\_AGE must be greater than or equal LB\_LST\_AGE

230 **FEM\_SURG\_OTH** number (1,0) Required:false

(for females only) Did you have another type of gynecological surgery? (Ref. 3.4.3.2)

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown
- 8 Not Asked

Error Description

if SEX not equal 2 then FEM\_SURG\_OTH must be null

if SEX=2 then FEM\_SURG\_OTH must be not null

231 **FEM\_SURG\_TXT** string (40) Required:false

(for females only) Please specify the type of other gynecological surgery. (Ref. 3.4.3.2)

Error Description

- if SEX not equal 2 then FEM\_SURG\_TXT must be null
- if SEX=2 and FEM\_SURG\_OTH not equal 1 then FEM\_SURG\_TXT must be null
- if SEX=2 and FEM\_SURG\_OTH not equal 1 then FEM\_SURG\_TXT must be null

232 **FEM\_SURG\_OTH\_AGE** number (3,0) Required:false

(for females only) How old were you when you first had this other type of gynecological surgery? (Ref. 3.4.3.2)

Allowable Values

- 1 to 100 or 999 Range
- 999 Unknown

Error Description

- if SEX not equal 2 then FEM\_SURG\_OTH\_AGE must be null
- if SEX=2 and FEM\_SURG\_OTH not equal 1 then FEM\_SURG\_OTH\_AGE must be null
- if SEX=2 and FEM\_SURG\_OTH=1 then FEM\_SURG\_OTH\_AGE must be not null
- if FEM\_SURG\_OTH\_AGE not in(null,999) then FEM\_SURG\_OTH\_AGE must be less than or equal AGE\_EPI

233 **HRT** number (1,0) Required:false

Doctors prescribe hormone replacement treatment for many reasons including menopausal symptoms, surgical removal of the ovaries, osteoporosis, and heart disease prevention. Have you ever used a pill or patch form of hormone replacement therapy? (Menopausal symptoms include hot flashes, sweating, and depression. Please do not include hormone therapy that was prescribed for birth control; hormone therapy delivered by injections, vaginal creams, or vaginal suppositories).(for females only) (Ref. 3.5)

Allowable Values

- 1 Yes
- 2 No

9 Unknown

234 **MP\_HRT** number (1,0) Required: false  
(for females only) Were you still having menstrual periods when you first took these hormones? (Ref. 3.5.1)

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown
  - 8 Not Asked

235 **ESTROGEN\_ONLY** number (1,0) Required: false  
(for females only) Were you prescribed an estrogen-only pill or patch (such as Premarin)? (Ref. 3.5.2)

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown
  - 8 Not Asked

236 **EO\_AGE** number (3,0) Required: false  
(for females only) How old were you when you first took estrogen only medication? (Ref. 3.5.2.1)

- Allowable Values
- 20 to 100 or 999 Range
  - 999 Unknown

237 **EO\_CONT** number (1,0) Required: false  
(for females only) Were you still taking estrogen-only medication about 2 years ago? (Ref. 3.5.2.2)

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown

238 **EO\_LEN** number (3,0) Required: false  
(for females only) In total, how long did you take estrogen-only medication? (Ref. 3.5.2.3)

- Allowable Values
- 1 to 27000 Range

239 **EO\_TIME** number (1,0) Required:false

(for females only) Interval for frequency of estrogen-only medication taken. (Ref. 3.5.2.3)

Allowable Values

1 Number of Days

2 Number of Months

3 Number of Years

9 Unknown

240 **PROGEST** number (1,0) Required:false

(for females only) Progesterone or Progestin is frequently prescribed by doctors along with estrogen. Some common brands are Provera and Prem-Pro. Have you ever taken progesterone or progestin along with estrogens for menopause or other reasons? (Ref. 3.5.3)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

241 **PROGEST\_AGE** number (3,0) Required:false

(for females only) How old were you when you first took progesterone or progestin along with estrogens? (Ref. 3.5.3.1)

Allowable Values

20 to 100 or 999 Range

999 Unknown

242 **PROGEST\_CONT** number (1,0) Required:false

(for females only) Were you still using progesterone or progestin along with estrogens about 2 years ago? (Ref. 3.5.3.2)

Allowable Values

1 Yes

2 No

9 Unknown

243 **PROGEST\_LEN** number (3,0) Required:false

(for females only) In total, how long did you take progesterone or progestin in combination with estrogens? (Ref. 3.5.3.3)

Allowable Values

1 to 27000 Range

244 **PROGEST\_TIME** number (1,0) Required:false

(for females only) Interval of frequency progesterone or progestin in combination with estrogens taken. (Ref. 3.5.3.3)

Allowable Values

1 Number of Days

2 Number of Months

3 Number of Years

9 Unknown

**ANTI\_ESTROGEN**

number (1,0)

Required: false

245

(for females only) Have you ever taken tamoxifen, raloxifene, or other anti-estrogen medication (such as Lupron or Depo-Provera)? (Ref. 3.6)

Allowable Values

1 Yes

2 No

3 Possibly (I have participated in a clinical trial for tamoxifen, raloxifene, or other anti

9 Unknown

8 Not Asked

**AE\_TAMOXIFEN**

number (1,0)

Required: false

246

(for females only) Did you take tamoxifen? (Ref. 3.6.1)

Allowable Values

1 Yes

2 No

9 Unknown

**AE\_RALOXIFENE**

number (1,0)

Required: false

247

(for females only) Did you take raloxifene? (Ref. 3.6.1)

Allowable Values

1 Yes

2 No

9 Unknown

**AE\_OTHER**

number (1,0)

Required: false

248

(for females only) Did you take other anti-estrogen medication? (Ref. 3.6.1)

Allowable Values

1 Yes

2 No

9 Unknown



249	<b>AE_OTH_TEXT</b>	string (40)	Required:false
(for females only) Specify other anti-estrogen medication taken. (Ref. 3.6.1)			

250	<b>AE_AGE</b>	number (3,0)	Required:false
(for females only) How old were you when you first took tamoxifen, raloxifene or other anti-estrogen medication? (Ref. 3.6.2)			

Allowable Values	
<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

251	<b>AE_CONT</b>	number (1,0)	Required:false
(for females only) Were you taking tamoxifen, raloxifene, or other anti-estrogen medications about 2 years ago? (Ref. 3.6.3)			

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

252	<b>AE_LEN</b>	number (3,0)	Required:false
(for females only) In total, how long did you take tamoxifen, raloxifene, or other anti-estrogen medications? (Ref. 3.6.4)			

Allowable Values	
<b>1 to 27000</b>	Range

253	<b>AE_TIME</b>	number (1,0)	Required:false
(for females only) Interval of frequency tamoxifen, raloxifene, or other anti-estrogen medications taken. (Ref. 3.6.4)			

Allowable Values	
<b>1</b>	Number of Days
<b>2</b>	Number of Months
<b>3</b>	Number of Years
<b>9</b>	Unknown

254	<b>TESTOST</b>	number (1,0)	Required:false
(for females only) Have you ever taken testosterone for menopause or other reasons? (Ref. 3.5.4)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>8</b>	Not Asked
<b>9</b>	Unknown

255	<b>TESTOST_AGE</b>	number (3,0)	Required: false
(for females only) How old were you when you first took testosterone? (Ref. 3.5.4.1)			

Allowable Values	
<b>20 to 100 or 999, 888</b>	Range
<b>999</b>	Unknown
<b>888</b>	Not Asked

256	<b>TESTOST_CONT</b>	number (1,0)	Required: false
(for females only) Were you still using testosterone about 2 years ago? (Ref. 3.5.4.2)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

257	<b>TESTOST_LEN</b>	number (5,0)	Required: false
(for females only) In total, how long did you take testosterone (Ref. 3.5.4.3)			

Allowable Values	
<b>1 to 27000</b>	Range

258	<b>TESTOST_TIME</b>	number (1,0)	Required: false
(for females only) Interval of frequency testosterone taken. (Ref. 3.5.4.3)			

Allowable Values	
<b>1</b>	Number of Days
<b>2</b>	Number of Months
<b>3</b>	Number of Years
<b>9</b>	Unknown
<b>8</b>	Not Asked

259	<b>WALK20</b>	number (1,0)	Required: false
When you were in your 20s, did you walk for at least 30 minutes a week? (Ref. 6.1)			

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

8 Not Asked

260 **WALK20\_YRS** number (2,0) Required:false  
When you were in your 20s how many years did you walk for at least 30 minutes a week? (Ref. 6.1)

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

261 **WALK20\_MPY** number (2,0) Required:false  
When you were in your 20s, how many months per year did you walk for at least 30 minutes a week? (Ref. 6.1)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

262 **WALK20\_HPW** number (2,0) Required:false  
When you were in your 20s, how many hours per week did you walk for at least 30 minutes a week? (Ref. 6.1)

Allowable Values	
<b>1 to 70 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

263 **JOG20** number (1,0) Required:false  
When you were in your 20s, did you ever jog (running slower than a mile in 10 minutes) for at least 30 minutes a week? (Ref. 6.2)

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

264 **JOG20\_YRS** number (2,0) Required:false  
When you were in your 20s, for how many years did you jog for at least 30 minutes a week? (Ref. 6.2)

Allowable Values	
------------------	--

<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

265	<b>JOG20_MPY</b>	number (2,0)	Required:false
When you were in your 20s, for how many months of the year did you jog for at least 30 minutes a week? (Ref. 6.2)			

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

266	<b>JOG20_HPW</b>	number (2,0)	Required:false
When you were in your 20s, for how many hours per week did you jog for at least 30 minutes a week? (Ref. 6.2)			

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

267	<b>RUN20</b>	number (1,0)	Required:false
When you were in your 20s, did you ever run (running faster than a mile in 10 minutes) for at least 30 minutes a week? (Ref. 6.3)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

268	<b>RUN20_YRS</b>	number (2,0)	Required:false
When you were in your 20s, for how many years did you run for at least 30 minutes a week? (Ref. 6.3)			

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

269	<b>RUN20_MPY</b>	number (2,0)	Required:false								
When you were in your 20s, for how many months of the year did you run for at least 30 minutes a week? (Ref. 6.3)											
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1 to 12 or 99, 88</b></td><td>Range</td></tr> <tr><td><b>99</b></td><td>Unknown</td></tr> <tr><td><b>88</b></td><td>Not Asked</td></tr> </table>				Allowable Values		<b>1 to 12 or 99, 88</b>	Range	<b>99</b>	Unknown	<b>88</b>	Not Asked
Allowable Values											
<b>1 to 12 or 99, 88</b>	Range										
<b>99</b>	Unknown										
<b>88</b>	Not Asked										

270	<b>RUN20_HPW</b>	number (2,0)	Required:false										
When you were in your 20s, for how many hours per week did you run at least 30 minutes per week? (Ref. 6.3)													
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1 to 30 or 98, 99, 88</b></td><td>Range</td></tr> <tr><td><b>98</b></td><td>less than 1hr (30 to 59 minutes)</td></tr> <tr><td><b>99</b></td><td>Unknown</td></tr> <tr><td><b>88</b></td><td>Not Asked</td></tr> </table>				Allowable Values		<b>1 to 30 or 98, 99, 88</b>	Range	<b>98</b>	less than 1hr (30 to 59 minutes)	<b>99</b>	Unknown	<b>88</b>	Not Asked
Allowable Values													
<b>1 to 30 or 98, 99, 88</b>	Range												
<b>98</b>	less than 1hr (30 to 59 minutes)												
<b>99</b>	Unknown												
<b>88</b>	Not Asked												

271	<b>BIKE20</b>	number (1,0)	Required:false										
When you were in your 20s, did you ever bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.4)													
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1</b></td><td>Yes</td></tr> <tr><td><b>2</b></td><td>No</td></tr> <tr><td><b>9</b></td><td>Unknown</td></tr> <tr><td><b>8</b></td><td>Not Asked</td></tr> </table>				Allowable Values		<b>1</b>	Yes	<b>2</b>	No	<b>9</b>	Unknown	<b>8</b>	Not Asked
Allowable Values													
<b>1</b>	Yes												
<b>2</b>	No												
<b>9</b>	Unknown												
<b>8</b>	Not Asked												

272	<b>BIKE20_YRS</b>	number (2,0)	Required:false										
When you were in your 20s, for how many years did you bicycle for at least 30 minutes a week? (Ref. 6.4)													
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>0 to 10 or 99, 88</b></td><td>Range</td></tr> <tr><td><b>0</b></td><td>Less than 1 year</td></tr> <tr><td><b>99</b></td><td>Unknown</td></tr> <tr><td><b>88</b></td><td>Not Asked</td></tr> </table>				Allowable Values		<b>0 to 10 or 99, 88</b>	Range	<b>0</b>	Less than 1 year	<b>99</b>	Unknown	<b>88</b>	Not Asked
Allowable Values													
<b>0 to 10 or 99, 88</b>	Range												
<b>0</b>	Less than 1 year												
<b>99</b>	Unknown												
<b>88</b>	Not Asked												

273	<b>BIKE20_MPY</b>	number (2,0)	Required:false						
When you were in your 20s, for how many months of the year did you bicycle for at least 30 minutes a week? (Ref. 6.4)									
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1 to 12 or 99, 88</b></td><td>Range</td></tr> <tr><td><b>99</b></td><td>Unknown</td></tr> </table>				Allowable Values		<b>1 to 12 or 99, 88</b>	Range	<b>99</b>	Unknown
Allowable Values									
<b>1 to 12 or 99, 88</b>	Range								
<b>99</b>	Unknown								

88 Not Asked

274 **BIKE20\_HPWW** number (2,0) Required: false  
When you were in your 20s, how many hours per week did you bicycle for at least 30 minutes a week? (Ref. 6.4)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

275 **SWIM20** number (1,0) Required: false  
When you were in your 20s, did you swim laps for at least 30 minutes a week? (Ref. 6.5)

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

276 **SWIM20\_YRS** number (2,0) Required: false  
When you were in your 20s, how many years did you swim laps for at least 30 minutes a week? (Ref. 6.5)

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

277 **SWIM20\_MPY** number (2,0) Required: false  
When you were in your 20s, for how many months per year did you swim laps for at least 30 minutes a week? (Ref. 6.5)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

278 **SWIM20\_HPWW** number (2,0) Required: false  
When you were in your 20s, for how many hours per week did you swim laps for at least 30 minutes a week?(Ref. 6.5)

Allowable Values	
------------------	--

<b>1 to 20 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

279 **RACQUET20** number (1,0) Required: false  
 When you were in your 20s, did you play tennis, racquetball or squash, for at least 30 minutes a week? (Ref. 6.6)

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

280 **RACQUET20\_YRS** number (2,0) Required: false  
 When you were in your 20s, for how many years did you play tennis, racquetball or squash for at least 30 minutes per week? (Ref. 6.6)

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

281 **RACQUET20\_MPY** number (2,0) Required: false  
 When you were in your 20s, for how many months per year did you play tennis, racquetball or squash for at least 30 minutes per week? (Ref. 6.6)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

282 **RACQUET20\_HPW** number (2,0) Required: false  
 When you were in your 20s, for how many hours per week did you play tennis, racquetball or squash for at least 30 minutes per week? (Ref. 6.6)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

283	<b>VIG_EX20</b>	number (1,0)	Required: false
When you were in your 20s, did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.7)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

284	<b>VIG_EX20_YRS</b>	number (2,0)	Required: false
When you were in your 20s, for how many years did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.7)			

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

285	<b>VIG_EX20_MPY</b>	number (2,0)	Required: false
When you were in your 20s, for how many months per year did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.7)			

Allowable Values	
<b>1 to 12</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

**Error Description**  
must be 1-12 or 99 or 88

286	<b>VIG_EX20_HPW</b>	number (2,0)	Required: false
When you were in your 20s, for how many hours per week did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.7)			

Allowable Values	
<b>1 to 20 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked



287 **BALL20** number (1,0) Required:false

When you were in your 20s, did you play football, soccer, rugby or basketball for at least 30 minutes per week? (Ref. 6.8)

Allowable Values

<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

288 **BALL20\_YRS** number (2,0) Required:false

When you were in your 20s, for how many years did you play football, soccer, rugby or basketball for at least 30 minutes per week? (Ref. 6.8)

Allowable Values

<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

289 **BALL20\_MPY** number (2,0) Required:false

When you were in your 20s, for how many months per year did you play football, soccer, rugby or basketball for at least 30 minutes per week? (Ref. 6.8)

Allowable Values

<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

290 **BALL20\_HPW** number (2,0) Required:false

When you were in your 20s, for how many hours per week did you play football, soccer, rugby or basketball for at least 30 minutes per week? (Ref. 6.8)

Allowable Values

<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

291 **STREN20** number (1,0) Required:false

When you were in your 20s, did you do any strenuous tasks in or around the house for at least 30 minutes per week? This would include activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously. (Ref. 6.9)

Allowable Values

--	--

1	Yes
2	No
9	Unknown
8	Not Asked

<b>STREN20_YRS</b>		number (2,0)	Required:false
292	When you were in your 20s, how many years did you do any strenuous tasks in or around the house for at least 30 minutes per week? This would include activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously. (Ref. 6.9)		

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

<b>STREN20_MPY</b>		number (2,0)	Required:false
293	When you were in your 20s, for how many months per year did you do any strenuous tasks in or around the house for at least 30 minutes per week? This would include activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously. (Ref. 6.9)		

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

<b>STREN20_HPW</b>		number (2,0)	Required:false
294	When you were in your 20s, for how many hours per week did you do any strenuous tasks in or around the house for at least 30 minutes per week? This would include activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously. (Ref. 6.9)		

Allowable Values	
<b>1 to 40 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

<b>OTH_STREN20</b>		number (1,0)	Required:false
295	When you were in your 20s, did you participate in any other strenuous physical activities for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)		

Allowable Values	
1	Yes
2	No

9	Unknown
8	Not Asked

296	<b>OTH_STREN20_1</b>	string (20)	Required: false
	Specify the other strenuous physical activity you participated in for at least 30 minutes a week when you were in your 20s. (Ref. 6.10)		

297	<b>OTH_STREN20_YRS_1</b>	number (2,0)	Required: false
	When you were in your 20s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)		

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

298	<b>OTH_STREN20_MPY_1</b>	number (2,0)	Required: false
	When you were in your 20s, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)		

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

299	<b>OTH_STREN20_HPW_1</b>	number (2,0)	Required: false
	When you were in your 20s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)		

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

300	<b>OTH_STREN20_2</b>	string (20)	Required: false
	Specify the other strenuous physical activity you participated in for at least 30 minutes a week when you were in your 20s. (Ref. 6.10)		

301	<b>OTH_STREN20_YRS_2</b>	number (2,0)	Required: false
	When you were in your 20s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to		

sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

**OTH\_STREN20\_MPY\_2**

number (2,0)

Required: false

302

When you were in your 20s, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

**OTH\_STREN20\_HPW\_2**

number (2,0)

Required: false

303

When you were in your 20s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

**OTH\_STREN20\_3**

string (20)

Required: false

304

Specify the other strenuous physical activity you participated in for at least 30 minutes a week when you were in your 20s. (Ref. 6.10)

**OTH\_STREN20\_YRS\_3**

number (2,0)

Required: false

305

When you were in your 20s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

**OTH\_STREN20\_MPY\_3**

number (2,0)

Required: false

306 When you were in your 20s, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

**OTH\_STREN20\_HPW\_3**

number (2,0)

Required: false

307 When you were in your 20s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

**OTH\_STREN20\_4**

string (20)

Required: false

308 Specify the other strenuous physical activity you participated in for at least 30 minutes a week when you were in your 20s. (Ref. 6.10)

**OTH\_STREN20\_YRS\_4**

number (2,0)

Required: false

309 When you were in your 20s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

**OTH\_STREN20\_MPY\_4**

number (2,0)

Required: false

310 When you were in your 20s, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

**OTH\_STREN20\_HPW\_4**

number (2,0)

Required: false

311 When you were in your 20s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

312 **OTH\_STREN20\_5** string (20) Required: false  
 Specify the other strenuous physical activity you participated in for at least 30 minutes a week when you were in your 20s. (Ref. 6.10)

313 **OTH\_STREN20\_YRS\_5** number (2,0) Required: false  
 When you were in your 20s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>0 to 10 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

314 **OTH\_STREN20\_MPY\_5** number (2,0) Required: false  
 When you were in your 20s, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

315 **OTH\_STREN20\_HPW\_5** number (2,0) Required: false  
 When you were in your 20s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.10)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

316	<b>OCCUP20</b>	string (40)	Required:false
	In your 20s, what was your usual occupation ("usual" is the longest-held activity, including any paid or unpaid employment, such as being a student, housewife, or unemployed)? (Ref. 6.11)		

317	<b>WALK30</b>	number (1,0)	Required:false
	When you were in your 30s and 40s, did you walk for at least 30 minutes a week? (Ref. 6.12)		

Allowable Values
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<b>1</b>	Yes
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<b>2</b>	No
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<b>9</b>	Unknown
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<b>8</b>	Not Asked
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318	<b>WALK30_YRS</b>	number (2,0)	Required:false
	When you were in your 30s and 40s, for how many years did you walk for at least 30 minutes a week? (Ref. 6.12)		

Allowable Values
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<b>0 to 20 or 99, 88</b>	Range
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<b>0</b>	Less than 1 year
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<b>99</b>	Unknown
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<b>88</b>	Not Asked
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319	<b>WALK30_MPY</b>	number (2,0)	Required:false
	When you were in your 30s and 40s, for how many months per year did you walk for at least 30 minutes a week? (Ref. 6.12)		

Allowable Values
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<b>1 to 12 or 99, 88</b>	Range
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<b>99</b>	Unknown
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<b>88</b>	Not Asked
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320	<b>WALK30_HPW</b>	number (2,0)	Required:false
	When you were in your 30s and 40s, for how many hours per week did you walk for at least 30 minutes a week? (Ref. 6.12)		

Allowable Values
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<b>1 to 70 or 98, 99, 88</b>	Range
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<b>98</b>	less than 1 hr (30 to 59 Minutes)
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<b>99</b>	Unknown
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<b>88</b>	Not Asked
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321	<b>JOG30</b>	number (1,0)	Required:false
	When you were in your 30s and 40s, did you jog for at least 30 minutes a week? (Ref. 6.13)		

Allowable Values	
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1	Yes
2	No
9	Unknown
8	Not Asked

322	<b>JOG30_YRS</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many years did you jog for at least 30 minutes a week? (Ref. 6.13)			

Allowable Values	
<b>0 to 20 or 99, 88</b>	Range
0	Less than 1 year
99	Unknown
88	Not Asked

323	<b>JOG30_MPY</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many months per year did you jog for at least 30 minutes a week? (Ref. 6.13)			

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
99	Unknown
88	Not Asked

324	<b>JOG30_HPW</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many hours per week did you jog for at least 30 minutes a week? (Ref. 6.13)			

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
98	less than 1hr (30 to 59 Minutes)
99	Unknown
88	Not Asked

325	<b>RUN30</b>	number (1,0)	Required:false
When you were in your 30s and 40s, did you run for at least 30 minutes a week? (Ref. 6.14)			

Allowable Values	
1	Yes
2	No
9	Unknown
8	Not Asked



326	<b>RUN30_YRS</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many years did you run for at least 30 minutes a week? (Ref. 6.14)			

Allowable Values	
<b>0 to 20 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

327	<b>RUN30_MPY</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many months per year did you run for at least 30 minutes a week? (Ref. 6.14)			

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

328	<b>RUN30_HPW</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many hours per week did you run for at least 30 minutes a week? (Ref. 6.14)			

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

329	<b>BIKE30</b>	number (1,0)	Required:false
When you were in your 30s and 40s, did you bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.15)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

330	<b>BIKE30_YRS</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many years did you bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.15)			

Allowable Values	
<b>0 to 20 or 99, 88</b>	Range

<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

331	<b>BIKE30_MPY</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many months of the year did you bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.15)			

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

332	<b>BIKE30_HPW</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many hours per week did you bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.15)			

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

333	<b>SWIM30</b>	number (1,0)	Required:false
When you were in your 30s and 40s, did you swim laps for at least 30 minutes a week? (Ref. 6.16)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

334	<b>SWIM30_YRS</b>	number (2,0)	Required:false
When you were in your 30s and 40s, did you swim laps for at least 30 minutes a week? (Ref. 6.16)			

Allowable Values	
<b>0 to 20 or 99, 88</b>	Range
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

	<b>SWIM30_MPY</b>	number (2,0)	Required:false
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335 When you were in your 30s and 40s, for how many months of the year did you swim laps for at least 30 minutes a week? (Ref. 6.16)

Allowable Values

**1 to 12 or 99, 88** Range

**99** Unknown

**88** Not Asked

336 **SWIM30\_HPW** number (2,0) Required: false

When you were in your 30s and 40s, for how many hours per week did you swim laps for at least 30 minutes a week? (Ref. 6.16)

Allowable Values

**1 to 20 or 98, 99, 88** Range

**98** less than 1 hr (30 to 59 Minutes)

**99** Unknown

**88** Not Asked

337 **RACQUET30** number (1,0) Required: false

When you were in your 30s and 40s, did you play tennis, racquetball, or squash for at least 30 minutes a week? (Ref. 6.17)

Allowable Values

**1** Yes

**2** No

**9** Unknown

**8** Not Asked

338 **RACQUET30\_YRS** number (2,0) Required: false

When you were in your 30s and 40s, for how many years did you play tennis, racquetball, or squash for at least 30 minutes a week? (Ref. 6.17)

Allowable Values

**0** Less than 1 year

**99** Unknown

**88** Not Asked

339 **RACQUET30\_MPY** number (2,0) Required: false

When you were in your 30s and 40s, for how many months per year did you play tennis, racquetball, or squash for at least 30 minutes a week? (Ref. 6.17)

Allowable Values

**1 to 12 or 99, 88** Range

**99** Unknown

88 Not Asked

RACQUET30\_HPW

number (2,0)

Required: false

340

When you were in your 30s and 40s, for how many hours per week did you play tennis, racquetball, or squash for at least 30 minutes a week? (Ref. 6.17)

Allowable Values

1 to 30 or 98, 99, 88

Range

98

less than 1 hr (30 to 59 Minutes)

99

Unknown

88

Not Asked

VIG\_EX30

number (1,0)

Required: false

341

When you were in your 30s and 40s, did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.18)

Allowable Values

1

Yes

2

No

9

Unknown

8

Not Asked

VIG\_EX30\_YRS

number (2,0)

Required: false

342

When you were in your 30s and 40s, for how many years did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.18)

Allowable Values

0

Less than 1 year

99

Unknown

88

Not Asked

VIG\_EX30\_MPY

number (2,0)

Required: false

343

When you were in your 30s and 40s, for how many months per year did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.18)

Allowable Values

1 to 12 or 99, 88

Range

99

Unknown

88

Not Asked

VIG\_EX30\_HPW

number (2,0)

Required: false

344

When you were in your 30s and 40s, for how many hours per week did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.18)

Allowable Values	
<b>1 to 20 or 98, 99, 88</b>	Range
<b>98</b>	less than (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

345	<b>BALL30</b>	number (1,0)	Required: false
When you were in your 30s and 40s, did you play football, soccer, rugby, or basketball for at least 30 minutes a week? (Ref. 6.19)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

346	<b>BALL30_YRS</b>	number (2,0)	Required: false
When you were in your 30s and 40s, for how many years did you play football, soccer, rugby, or basketball for at least 30 minutes a week? (Ref. 6.19)			

Allowable Values	
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

347	<b>BALL30_MPY</b>	number (2,0)	Required: false
When you were in your 30s and 40s, for how many months per year did you play football, soccer, rugby, or basketball for at least 30 minutes a week? (Ref. 6.19)			

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

348	<b>BALL30_HPW</b>	number (2,0)	Required: false
When you were in your 30s and 40s, for how many hours per week did you play football, soccer, rugby, or basketball for at least 30 minutes a week? (Ref. 6.19)			

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)
<b>99</b>	Unknown

88 Not Asked

STREN30

number (1,0)

Required:false

349

When you were in your 30s and 40s, did do any strenuous tasks in or around the house (including activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously) for at least 30 minutes a week? (Ref. 6.20)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

STREN30\_YRS

number (2,0)

Required:false

350

When you were in your 30s and 40s, for how many years did you do any strenuous tasks in or around the house (including activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously) for at least 30 minutes a week? (Ref. 6.20)

Allowable Values

0 Less than 1 year

99 Unknown

88 Not Asked

STREN30\_MPY

number (2,0)

Required:false

351

When you were in your 30s and 40s, for how many months of the year did you do any strenuous tasks in or around the house (including activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously) for at least 30 minutes a week? (Ref. 6.20)

Allowable Values

1 to 12 or 99, 88 Range

99 Unknown

88 Not Asked

STREN30\_HPW

number (2,0)

Required:false

352

When you were in your 30s and 40s, for how many hours per week did you do any strenuous tasks in or around the house (including activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously) for at least 30 minutes a week? (Ref. 6.20)

Allowable Values

1 to 40 or 98, 99, 88 Range

98 less than 1 hr (30 to 59 Minutes)

99 Unknown

88 Not Asked

OTH\_STREN30

number (1,0)

Required:false

353 When you were in your 30s and 40s, did you participate in any other strenuous physical activities for at least 30 minutes a week? Strenuous activity means something that really increased your heart rate, made you hot, and caused you to sweat, such as skiing, skating, hockey, scuba diving, surfing and other activities. (Ref. 6.21)

Allowable Values

1	Yes
2	No
9	Unknown
8	Not Asked

**OTH\_STREN30\_1**

string (20)

Required: false

354 When you were in your 30s and 40s, specify the other strenuous physical activity you participated in for at least 30 minutes a week? (Ref. 6.21)

**OTH\_STREN30\_YRS\_1**

number (2,0)

Required: false

355 When you were in your 30 and 40s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)

Allowable Values

0	Less than 1 year
99	Unknown
88	Not Asked

**OTH\_STREN30\_MPY\_1**

number (2,0)

Required: false

356 When you were in your 30s and 40s, for how months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)

Allowable Values

1 to 12 or 99, 88	Range
99	Unknown
88	Not Asked

**OTH\_STREN30\_HPW\_1**

number (2,0)

Required: false

357 When you were in your 30s and 40s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)

Allowable Values

1 to 30 or 98, 99, 88	Range
98	less than 1 hr (30 to 59 Minutes)
99	Unknown
88	Not Asked

**OTH\_STREN30\_2**

string (20)

Required: false

358 When you were in your 30s and 40s, specify the other strenuous physical activity you participated in for at least 30 minutes a week? (Ref. 6.21)

359	<b>OTH_STREN30_YRS_2</b>	number (2,0)	Required: false
When you were in your 30s and 40s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

360	<b>OTH_STREN30_MPY_2</b>	number (2,0)	Required: false
When you were in your 30s and 40s, for how months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

361	<b>OTH_STREN30_HPW_2</b>	number (2,0)	Required: false
When you were in your 30s and 40s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

362	<b>OTH_STREN30_3</b>	string (20)	Required: false
When you were in your 30s and 40s, specify the other strenuous physical activity you participated in for at least 30 minutes a week? (Ref. 6.21)			

363	<b>OTH_STREN30_YRS_3</b>	number (2,0)	Required: false
When you were in your 30s and 40s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

364	<b>OTH_STREN30_MPY_3</b>	number (2,0)	Required: false
When you were in your 30s and 40s, for how months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			



Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

365	<b>OTH_STREN30_HPW_3</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

366	<b>OTH_STREN30_4</b>	string (20)	Required:false
When you were in your 30s and 40s, specify the other strenuous physical activity you participated in for at least 30 minutes a week? (Ref. 6.21)			

367	<b>OTH_STREN30_YRS_4</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

368	<b>OTH_STREN30_MPY_4</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

369	<b>OTH_STREN30_HPW_4</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)

99	Unknown
88	Not Asked

370	<b>OTH_STREN30_5</b>	string (20)	Required:false
When you were in your 30s and 40s, specify the other strenuous physical activity you participated in for at least 30 minutes a week? (Ref. 6.21)			

371	<b>OTH_STREN30_YRS_5</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
0	Less than 1 year
99	Unknown
88	Not Asked

372	<b>OTH_STREN30_MPY_5</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
1 to 12 or 99, 88	Range
99	Unknown
88	Not Asked

373	<b>OTH_STREN30_HPW_5</b>	number (2,0)	Required:false
When you were in your 30s and 40s, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.21)			

Allowable Values	
1 to 30 or 98, 99, 88	Range
98	less than 1 hr (30 to 59 Minutes)
99	Unknown
88	Not Asked

374	<b>OCCUP30</b>	string (40)	Required:false
During your 30s and 40s, what was your usual occupation? ("Usual" being the longest-held, including being a student, housewife, or unemployed.) (Ref. 6.22)			

375	<b>WALK50</b>	number (1,0)	Required:false
Since you have turned 50, did you walk for at least 30 minutes a week? (Ref. 6.23)			

Allowable Values	
1	Yes
2	No

9	Unknown
8	Not Asked

376	<b>WALK50_YRS</b>	number (2,0)	Required: false
Since you have turned 50, for how many years did you walk for at least 30 minutes a week? (Ref. 6.23)			

Allowable Values	
0	Less than 1 year
99	Unknown
88	Not Asked

377	<b>WALK50_MPY</b>	number (2,0)	Required: false
Since you have turned 50, for how many months per year did you walk for at least 30 minutes a week? (Ref. 6.23)			

Allowable Values	
1 to 12 or 99, 88	Range
99	Unknown
88	Not Asked

378	<b>WALK50_HPW</b>	number (2,0)	Required: false
Since you have turned 50, for how many hours per week did you walk for at least 30 minutes a week? (Ref. 6.23)			

Allowable Values	
1 to 70 or 98, 99, 88	Range
98	less than 1 hr (30 to 59 Minutes)
99	Unknown
88	Not Asked

379	<b>JOG50</b>	number (1,0)	Required: false
Since you have turned 50, did you jog for at least 30 minutes a week? (Ref. 6.24)			

Allowable Values	
1	Yes
2	No
9	Unknown
8	Not Asked

380	<b>JOG50_YRS</b>	number (2,0)	Required: false
Since you have turned 50, for how many years did you jog for at least 30 minutes a week? (Ref. 6.24)			

Allowable Values	
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0	Less than 1 year
99	Unknown
88	Not Asked

381	<b>JOG50_MPY</b>	number (2,0)	Required:false
Since you have turned 50, for how many months per year did you jog for at least 30 minutes a week? (Ref. 6.24)			

Allowable Values	
1 to 12 or 99, 88	Range
99	Unknown
88	Not Asked

382	<b>JOG50_HPW</b>	number (2,0)	Required:false
Since you have turned 50, for how many hours per week did you jog for at least 30 minutes a week? (Ref. 6.24)			

Allowable Values	
1 to 30 or 98, 99, 88	Range
98	less than 1 hr (30 to 59 Minutes)
99	Unknown
88	Not Asked

383	<b>RUN50</b>	number (1,0)	Required:false
Since you have turned 50, did you run for at least 30 minutes a week? (Running is running faster than a mile in 10 minutes.) (Ref. 6.25)			

Allowable Values	
1	Yes
2	No
9	Unknown
8	Not Asked

384	<b>RUN50_YRS</b>	number (2,0)	Required:false
Since you have turned 50, for how many years did you run for at least 30 minutes a week? (Running is running faster than a mile in 10 minutes.) (Ref. 6.25)			

Allowable Values	
0	Less than 1 year
99	Unknown
88	Not Asked

385	<b>RUN50_MPY</b>	number (2,0)	Required:false
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Since you have turned 50, for how many months per year did you run for at least 30 minutes a week? (Running is running faster than a mile in 10 minutes.) (Ref. 6.25)

Allowable Values

<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

**RUN50\_HPW**

number (2,0)

Required:false

386

Since you have turned 50, for how many hours per week did you run for at least 30 minutes a week? (Running is running faster than a mile in 10 minutes.) (Ref. 6.25)

Allowable Values

<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

**BIKE50**

number (1,0)

Required:false

387

Since you have turned 50, did you bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.26)

Allowable Values

<b>1</b>	Yes
<b>2</b>	No
<b>9</b>	Unknown
<b>8</b>	Not Asked

**BIKE50\_YRS**

number (2,0)

Required:false

388

Since you have turned 50, for how many years did you bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.26)

Allowable Values

<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

**BIKE50\_MPY**

number (2,0)

Required:false

389

Since you have turned 50, for how many months per year did you bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.26)

Allowable Values

<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown

88 Not Asked

**BIKE50\_HPW**

number (2,0)

Required:false

390

Since you have turned 50, for how many hours per week did you bicycle (including stationary bicycling) for at least 30 minutes a week? (Ref. 6.26)

Allowable Values

**1 to 30 or 98, 99, 88**

Range

**98**

less than 1 hr (30 to 59 Minutes)

**99**

Unknown

**88**

Not Asked

**SWIM50**

number (1,0)

Required:false

391

Since you have turned 50, did you swim laps for at least 30 minutes a week? (Ref. 6.27)

Allowable Values

**1**

Yes

**2**

No

**9**

Unknown

**8**

Not Asked

**SWIM50\_YRS**

number (2,0)

Required:false

392

Since you have turned 50, for how many years did you swim laps for at least 30 minutes a week? (Ref. 6.27)

Allowable Values

**0**

Less than 1 year

**99**

Unknown

**88**

Not Asked

**SWIM50\_MPY**

number (2,0)

Required:false

393

Since you have turned 50, for how many months per year did you swim laps for at least 30 minutes a week? (Ref. 6.27)

Allowable Values

**1 to 12 or 99, 88**

Range

**99**

Unknown

**88**

Not Asked

**SWIM50\_HPW**

number (2,0)

Required:false

394

Since you have turned 50, for how many hours per week did you swim laps for at least 30 minutes a week? (Ref. 6.27)

Allowable Values

**1 to 20 or 98, 99, 88**

Range

98	less than 1 hr (30 to 59 Minutes)
99	Unknown
88	Not Asked

395	<b>RACQUET50</b>	number (1,0)	Required:false
Since you have turned 50, did you play tennis, racquetball, or squash for at least 30 minutes a week? (Ref. 6.28)			

Allowable Values

1	Yes
2	No
9	Unknown
8	Not Asked

396	<b>RACQUET50_YRS</b>	number (2,0)	Required:false
Since you have turned 50, for how many years did you play tennis, racquetball, or squash for at least 30 minutes a week? (Ref. 6.28)			

Allowable Values

0	Less than 1 year
99	Unknown
88	Not Asked

397	<b>RACQUET50_MPY</b>	number (2,0)	Required:false
Since you have turned 50, for how many months per year did you play tennis, racquetball, or squash for at least 30 minutes a week? (Ref. 6.28)			

Allowable Values

1 to 12 or 99, 88	Range
99	Unknown
88	Not Asked

398	<b>RACQUET50_HPW</b>	number (2,0)	Required:false
Since you have turned 50, for how many hours per week did you play tennis, racquetball, or squash for at least 30 minutes a week? (Ref. 6.28)			

Allowable Values

1 to 30 or 98, 99, 88	Range
98	less than 1 hr (30 to 59 Minutes)
99	Unknown
88	Not Asked

	<b>VIG_EX50</b>	number (1,0)	Required:false
--	-----------------	--------------	----------------

399 Since you have turned 50, did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.29)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

**VIG\_EX50\_YRS** number (2,0) Required: false

400 Since you have turned 50, for how many years did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.29)

Allowable Values

0 Less than 1 year

99 Unknown

88 Not Asked

**VIG\_EX50\_MPY** number (2,0) Required: false

401 Since you have turned 50, for how many months per year did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.29)

Allowable Values

1 to 12 or 99, 88 Range

99 Unknown

88 Not Asked

**VIG\_EX50\_HPW** number (2,0) Required: false

402 Since you have turned 50, for how many hours per week did you participate in calisthenics, aerobics, vigorous dance, use a rowing machine, or lift weights for at least 30 minutes a week? (Ref. 6.29)

Allowable Values

1 to 20 or 98, 99, 88 Range

98 less than 1 hr (30 to 59 Minutes)

99 Unknown

88 Not Asked

**BALL50** number (1,0) Required: false

403 Since you have turned 50, did you play football, soccer, rugby, or basketball for at least 30 minutes a week? (Ref. 6.30)

Allowable Values

1 Yes

2 No



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

8	Not Asked or 9, 8
---	-------------------

**BALL50\_YRS**

number (2,0)

Required:false

404

Since you have turned 50, for how many years did you play football, soccer, rugby, or basketball for at least 30 minutes a week? (Ref. 6.30)

Allowable Values

0	Less than 1 year
---	------------------

99	Unknown
----	---------

88	Not Asked
----	-----------

**BALL50\_MPY**

number (2,0)

Required:false

405

Since you have turned 50, for how many months per year did you play football, soccer, rugby, or basketball for at least 30 minutes a week? (Ref. 6.30)

Allowable Values

1 to 12 or 99, 88	Range
-------------------	-------

99	Unknown
----	---------

88	Not Asked
----	-----------

**BALL50\_HPW**

number (2,0)

Required:false

406

Since you have turned 50, for how many hours per week did you play football, soccer, rugby, or basketball for at least 30 minutes a week? (Ref. 6.30)

Allowable Values

1 to 30 or 98, 99, 88	Range
-----------------------	-------

98	less than 1 hr (30 to 59 Minutes)
----	-----------------------------------

99	Unknown
----	---------

88	Not Asked
----	-----------

**STREN50**

number (1,0)

Required:false

407

Since you have turned 50, did you do any strenuous tasks in or around the house for at least 30 minutes a week? This would include activities such as mowing a lawn with a non-power mower, shoveling, or scrubbing floors vigorously. (Ref. 6.31)

Allowable Values

1	Yes
---	-----

2	No
---	----

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

8	Not Asked
---	-----------

**STREN50\_YRS**

number (2,0)

Required:false

408

Since you have turned 50, for how many years did you do any strenuous tasks in or around the house for at least 30 minutes a

week? (Ref. 6.31)

Allowable Values

**0** Less than 1 year

**99** Unknown

**88** Not Asked

**STREN50\_MPY**

number (2,0)

Required: false

409

Since you have turned 50, for how many months per year did you do any strenuous tasks in or around the house for at least 30 minutes a week? (Ref. 6.31)

Allowable Values

**1 to 12 or 99, 88** Range

**99** Unknown

**88** Not Asked

**STREN50\_HPW**

number (2,0)

Required: false

410

Since you have turned 50, for how many hours per week did you do any strenuous tasks in or around the house for at least 30 minutes a week? (Ref. 6.31)

Allowable Values

**1 to 40 or 98, 99, 88** Range

**98** less than 1 hr (30 to 59 Minutes)

**99** Unknown

**88** Not Asked

**OTH\_STREN50**

number (1,0)

Required: false

411

Since you have turned 50, did you participate in any other strenuous physical activity for at least 30 minutes a week? Strenuous activity means something really increased your heart rate, made you hot, and caused you to sweat, such as skiing, skating, hockey, scuba diving, surfing, and other activities. (Ref. 6.32)

Allowable Values

**1** Yes

**2** No

**9** Unknown

**8** Not Asked

**OTH\_STREN50\_1**

string (20)

Required: false

412

Since you have turned 50, specify the other strenuous physical activity you participated in for at least 30 minutes a week. (Ref. 6.32)

**OTH\_STREN50\_YRS\_1**

number (2,0)

Required: false

413

Since you have turned 50, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
0	Less than 1 year
99	Unknown
88	Not Asked

414	<b>OTH_STREN50_MPY_1</b>	number (2,0)	Required: false
Since you have turned 50, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)			

Allowable Values	
1 to 12 or 99, 88	Range
99	Unknown
88	Not Asked

415	<b>OTH_STREN50_HPW_1</b>	number (2,0)	Required: false
Since you have turned 50, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)			

Allowable Values	
1 to 30 or 98, 99, 88	Range
98	less than 1 hr (30 to 59 Minutes)
99	Unknown
88	Not Asked

416	<b>OTH_STREN50_2</b>	string (20)	Required: false
Since you have turned 50, specify the other strenuous physical activity you participated in for at least 30 minutes a week. (Ref. 6.32)			

417	<b>OTH_STREN50_YRS_2</b>	number (2,0)	Required: false
Since you have turned 50, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)			

Allowable Values	
0	Less than 1 year
99	Unknown
88	Not Asked

418	<b>OTH_STREN50_MPY_2</b>	number (2,0)	Required: false
Since you have turned 50, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)			

Allowable Values	
1 to 12 or 99, 88	Range
99	Unknown

88 Not Asked

419 **OTH\_STREN50\_HPW\_2** number (2,0) Required: false  
Since you have turned 50, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

420 **OTH\_STREN50\_3** string (20) Required: false  
Since you have turned 50, specify the other strenuous physical activity you participated in for at least 30 minutes a week. (Ref. 6.32)

421 **OTH\_STREN50\_YRS\_3** number (2,0) Required: false  
Since you have turned 50, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

422 **OTH\_STREN50\_MPY\_3** number (2,0) Required: false  
Since you have turned 50, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

423 **OTH\_STREN50\_HPW\_3** number (2,0) Required: false  
Since you have turned 50, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

424	<b>OTH_STREN50_4</b>	string (20)	Required:false
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Since you have turned 50, specify the other strenuous physical activity you participated in for at least 30 minutes a week. (Ref. 6.32)

425	<b>OTH_STREN50_YRS_4</b>	number (2,0)	Required:false
-----	--------------------------	--------------	----------------

Since you have turned 50, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

426	<b>OTH_STREN50_MPY_4</b>	number (2,0)	Required:false
-----	--------------------------	--------------	----------------

Since you have turned 50, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

427	<b>OTH_STREN50_HPW_4</b>	number (2,0)	Required:false
-----	--------------------------	--------------	----------------

Since you have turned 50, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

428	<b>OTH_STREN50_5</b>	string (20)	Required:false
-----	----------------------	-------------	----------------

Since you have turned 50, specify the other strenuous physical activity you participated in for at least 30 minutes a week. (Ref. 6.32)

429	<b>OTH_STREN50_YRS_5</b>	number (2,0)	Required:false
-----	--------------------------	--------------	----------------

Since you have turned 50, for how many years did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>0</b>	Less than 1 year
<b>99</b>	Unknown
<b>88</b>	Not Asked

430 **OTH\_STREN50\_MPY\_5** number (2,0) Required: false

Since you have turned 50, for how many months per year did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>1 to 12 or 99, 88</b>	Range
<b>99</b>	Unknown
<b>88</b>	Not Asked

431 **OTH\_STREN50\_HPW\_5** number (2,0) Required: false

Since you have turned 50, for how many hours per week did you participate in this other strenuous physical activity for at least 30 minutes a week? (Ref. 6.32)

Allowable Values	
<b>1 to 30 or 98, 99, 88</b>	Range
<b>98</b>	less than 1 hr (30 to 59 Minutes)
<b>99</b>	Unknown
<b>88</b>	Not Asked

432 **OCCUP50** string (40) Required: false

Since you turned 50, what was your usual occupation? ("Usual" being longest-held, including being a student, housewife, or unemployed.) (Ref. 6.33)

# Module: colon-epi-part3

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433	<b>FRUIT</b>	number (3,0)	Required: true								
About two years ago, on average how often did you eat a piece or serving of fruit? (Ref. 5.1) A serving of fruit is: 1 medium fresh fruit; ½ cup of chopped, cooked or canned fruit; ¼ cup of dried fruit; 6 ounces of fruit juice											
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 5px;">Allowable Values</td> </tr> <tr> <td style="padding: 5px;"><b>0 to 200 or 999, 888</b></td> <td style="padding: 5px;">Range</td> </tr> <tr> <td style="padding: 5px;"><b>999</b></td> <td style="padding: 5px;">Unknown</td> </tr> <tr> <td style="padding: 5px;"><b>888</b></td> <td style="padding: 5px;">Not Asked</td> </tr> </table>				Allowable Values		<b>0 to 200 or 999, 888</b>	Range	<b>999</b>	Unknown	<b>888</b>	Not Asked
Allowable Values											
<b>0 to 200 or 999, 888</b>	Range										
<b>999</b>	Unknown										
<b>888</b>	Not Asked										
434	<b>FRUIT_INT</b>	number (1,0)	Required: false								

Interval of frequency fruit. (Ref. 5.1)

Allowable Values

- 1 Per Day
- 2 Per Week
- 3 Per Month
- 9 Unknown
- 8 Not Asked

**VEG**

number (3,0)

Required: true

435

About two years ago, on average, how often did you eat a serving of vegetables? (Ref. 5.2) A serving of vegetables is: 1 cup raw leafy vegetables; ½ cup of other vegetables, cooked or chopped raw; 6 ounces of vegetable juice

Allowable Values

- 0 to 998, or 999 or 888 Range
- 999 Unknown
- 888 Not Asked

**VEG\_INT**

number (1,0)

Required: false

436

Interval of frequency of vegetables. (Ref. 5.2)

Allowable Values

- 1 Per Day
- 2 Per Week
- 3 Per Month
- 9 Unknown
- 8 Not Asked

**RED\_MEAT**

number (3,0)

Required: true

437

About two years ago, on average how often did you eat a serving of red meat (not chicken or fish)? (Ref. 5.3) A serving of red meat is: 2-3 ounces of red meat; A piece of meat about the size of a deck of cards Red meats include beef, steak, hamburger, prime rib, veal, lamb, pork, bacon, and pork sausages.

Allowable Values

- 0 to 180 or 999, 888 Range
- 0 don't eat red meat
- 999 Unknown
- 888 Not Asked

**RED\_MEAT\_INT**

number (1,0)

Required: false

438

Interval of frequency of red meat. (Ref. 5.3)

Allowable Values

- 1 Per Day
- 2 Per Week
- 3 Per Month
- 9 Unknown
- 8 Not Asked

439	<b>RM_COOKED_FRQ</b>	number (3,0)	Required: false
About two years ago, on average how many servings of cooked red meat did you eat that were cooked by pan-frying, broiling, grilling, or barbecuing? (Ref. 5.3.1)			

Allowable Values	
<b>0 to 180</b>	Range
<b>0</b>	did not eat red meat that was cooked by methods described above
<b>999</b>	Unknown
<b>888</b>	Not Asked

440	<b>RM_COOKED_INT</b>	number (1,0)	Required: false
Intervals of frequency of red meat ate that was cooked by pan-frying, broiling, grilling, or barbecuing. (Ref. 5.3.1)			

- |                  |           |
|------------------|-----------|
| Allowable Values |           |
| <b>1</b>         | Per Day   |
| <b>2</b>         | Per Week  |
| <b>3</b>         | Per Month |
| <b>9</b>         | Unknown   |
| <b>8</b>         | Not Asked |

441	<b>RM_OUT</b>	number (1,0)	Required: false
On average, when you ate red meat cooked by pan-frying, broiling, grilling, or barbecuing which of the following best describes its outside appearance? (Ref. 5.3.2)			

Allowable Values	
<b>1</b>	Lightly browned
<b>2</b>	Medium browned
<b>3</b>	Heavily browned/blackened
<b>9</b>	Unknown
<b>8</b>	Not Asked

442	<b>RM_IN</b>	number (1,0)	Required: false
On average, when you ate red meat cooked by pan-frying, broiling, grilling, or barbecuing which of the following best describes its inside appearance? (Ref. 5.3.3)			

Allowable Values
------------------

1	Red (rare)
2	Pink (medium)
3	Brown (well)
9	Unknown
8	Not Asked

443	<b>CHICKEN_FRQ</b>	number (3,0)	Required: true
About two years ago, on average, how often did you eat a serving of chicken? (A serving of chicken is 2-3 oz. chicken meat; 1 drumstick; 1 thigh; half a breast; 2 wings; 3 nuggets) (Ref. 5.4)			

Allowable Values	
<b>0 to 180 or 999, 888</b>	Range
<b>0</b>	Did not eat chicken
<b>999</b>	Unknown
<b>888</b>	Not Asked

444	<b>CHICKEN_INT</b>	number (1,0)	Required: false
Interval of frequency of a serving of chicken. (Ref. 5.4)			

Allowable Values	
1	Per Day
2	Per Week
3	Per Month
9	Unknown
8	Not Asked

445	<b>CHICKEN_COOKED_FRQ</b>	number (3,0)	Required: false
About two years ago, on average, how many servings of chicken did you eat that were cooked by pan-frying, broiling, grilling, or barbecuing? (Ref. 5.4.1)			

Allowable Values	
<b>0 to 180 or 999, 888</b>	Range
<b>0</b>	Did not eat chicken that was cooked by methods in description
<b>999</b>	Unknown
<b>888</b>	Not Asked

446	<b>CHICKEN_COOKED_INT</b>	number (1,0)	Required: false
Interval of frequency of servings of chicken cooked by pan-frying, broiling, grilling, or barbecuing. (Ref. 5.4.1)			

Allowable Values	
1	Per Day

- 2 Per Week
- 3 Per Month
- 9 Unknown
- 8 Not Asked

447 **CHICKEN\_OUT** number (1,0) Required: false  
 On average, when you ate chicken cooked by pan-frying, broiling, grilling, or barbecuing, which of the following best describes its outside appearance? (Ref. 5.4.2)

- Allowable Values
- 1 Lightly browned
  - 2 Medium browned
  - 3 Heavily browned/blackened
  - 9 Unknown
  - 8 Not Asked

448 **ALCOH20** number (1,0) Required: false  
 When you were in your 20s, did you typically consume any alcoholic beverages at least once a week for 6 months or longer? (Alcoholic beverages include beer, hard cider, wine, sake, liquor, spirits, mixed drinks, or cocktails.) (Ref. 7.1)

- Allowable Values
- 1 Yes
  - 2 No
  - 9 Unknown
  - 8 Not Asked

449 **BEER\_CIDER20** number (1,0) Required: false  
 In your 20s, did you typically consume beer or hard cider at least once a week for 6 months or longer? (Ref. 7.1.1)

- Allowable Values
- 1 Yes
  - 2 No
  - 8 Not Asked
  - 9 Unknown

450 **BEER20\_YRS** number (2,0) Required: false  
 For how many years did you consume beer in your 20s? (Ref. 7.1.1)

- Allowable Values
- 1 to 10 or 99 Range
  - 99 Unknown

451	<b>BEER20_AMT</b>	number (3,0)	Required: false										
<p>In your 20s, how many 12-oz. cans/bottles of beer did you typically consume? (Ref. 7.1.1)</p> <table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td><b>1 to 120 or 999</b></td> <td>Range</td> </tr> <tr> <td><b>999</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1 to 120 or 999</b>	Range	<b>999</b>	Unknown				
Allowable Values													
<b>1 to 120 or 999</b>	Range												
<b>999</b>	Unknown												
452	<b>BEER20_INT</b>	number (1,0)	Required: false										
<p>Interval of frequency of beer consumed in 20s. (Ref. 7.1.1)</p> <table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td><b>1</b></td> <td>Per Day</td> </tr> <tr> <td><b>2</b></td> <td>Per Week</td> </tr> <tr> <td><b>9</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1</b>	Per Day	<b>2</b>	Per Week	<b>9</b>	Unknown		
Allowable Values													
<b>1</b>	Per Day												
<b>2</b>	Per Week												
<b>9</b>	Unknown												
453	<b>CIDER20_YRS</b>	number (2,0)	Required: false										
<p>How many years did you consume hard cider at least once a week for 6 months or longer in your 20s? (Ref. 7.1.1)</p> <table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td><b>88</b></td> <td>Not Asked</td> </tr> <tr> <td><b>99</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>88</b>	Not Asked	<b>99</b>	Unknown				
Allowable Values													
<b>88</b>	Not Asked												
<b>99</b>	Unknown												
454	<b>CIDER20_AMT</b>	number (3,0)	Required: false										
<p>How many 12-oz cans/bottles of hard cider did you consume at least once a week for 6 months or longer in your 20s? (Ref. 7.1.1)</p> <table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td><b>1 to 120 or 888, 999</b></td> <td>Range</td> </tr> <tr> <td><b>888</b></td> <td>Not Asked</td> </tr> <tr> <td><b>999</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1 to 120 or 888, 999</b>	Range	<b>888</b>	Not Asked	<b>999</b>	Unknown		
Allowable Values													
<b>1 to 120 or 888, 999</b>	Range												
<b>888</b>	Not Asked												
<b>999</b>	Unknown												
455	<b>CIDER20_INT</b>	number (2,0)	Required: false										
<p>Interval of frequency of hard cider consumed in 20s. (Ref. 7.1.1)</p> <table border="1"> <tr> <td colspan="2">Allowable Values</td> </tr> <tr> <td><b>1</b></td> <td>Per day</td> </tr> <tr> <td><b>2</b></td> <td>Per week</td> </tr> <tr> <td><b>8</b></td> <td>Not Asked</td> </tr> <tr> <td><b>9</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1</b>	Per day	<b>2</b>	Per week	<b>8</b>	Not Asked	<b>9</b>	Unknown
Allowable Values													
<b>1</b>	Per day												
<b>2</b>	Per week												
<b>8</b>	Not Asked												
<b>9</b>	Unknown												
456	<b>WINE_SAKE20</b>	number (1,0)	Required: false										

Did you typically consume wine or sake at least once a week for 6 months or longer in your 20s? (Ref. 7.1.2)

Allowable Values

1 Yes

2 No

8 Not Asked

9 Unknown

WINE20\_YRS

number (2,0)

Required:false

457

How many years did you consume wine at least once a week for 6 months or longer in your 20s? (Ref. 7.1.2)

Allowable Values

1 to 10 or 99 Range

99 Unknown

WINE20\_AMT

number (3,0)

Required:false

458

How many 4-oz. glasses of wine did you consume at least once a week for 6 months or longer in your 20s? (Ref. 7.1.2)

Allowable Values

1 to 120 or 999 Range

999 Unknown

WINE20\_INT

number (2,0)

Required:false

459

Interval of frequency of wine consumed for at least once a week for 6 months or longer in your 20s. (Ref. 7.1.2)

Allowable Values

1 Per day

2 Per week

9 Unknown

SAKE20\_YRS

number (2,0)

Required:false

460

How many years did you consume sake at least once a week for 6 months or longer in your 20s? (Ref. 7.1.2)

Allowable Values

1 to 10 or 88,99 Range

88 Not Asked

99 Unknown

SAKE20\_AMT

number (3,0)

Required:false

461

How many 1-oz. glasses of sake did you consume at least once a week in 6 months or longer in your 20s? (Ref. 7.1.2)

Allowable Values

<b>1 to 120 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

462	<b>SAKE20_INT</b>	number (2,0)	Required:false
Interval of frequency of sake consumed at least once a week for 6 months or longer in your 20s. (Ref. 7.1.2)			

Allowable Values

<b>1</b>	Per day
<b>2</b>	Per week
<b>8</b>	Not Asked
<b>9</b>	Unknown

463	<b>LIQ20</b>	number (1,0)	Required:false
Did you typically consume liquor (spirits), mixed drink, or cocktails at least once a week for 6 months or longer in your 20s? (Ref. 7.1.3)			

Allowable Values

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

464	<b>LIQ20_YRS</b>	number (2,0)	Required:false
How many years did you consume liquor (spirits), mixed drink, or cocktails at least once a week for 6 months or longer in your 20s? (Ref. 7.1.3)			

Allowable Values

<b>1 to 10 or 99</b>	Range
<b>99</b>	Unknown

465	<b>LIQ20_AMT</b>	number (3,0)	Required:false
How many 1 oz. shots of liquor (spirits), mixed drinks, or cocktails did you consume at least once a week for 6 months or longer in your 20s? (Ref. 7.1.3)			

Allowable Values

<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

466	<b>LIQ20_INT</b>	number (2,0)	Required:false
Interval of frequency of liquors (spirits), mixed drinks, or cocktails consumed at least once a week for 6 months or longer in your 20s? (Ref. 7.1.2)			

Allowable Values

--	--



1	Per day
2	Per week
9	Unknown

467	<b>ALCOH20_YRS</b>	number (2,0)	Required:false
How many years in total did you consume at least one alcoholic beverage a week in your 20s? (Ref. 7.1.4)			

Allowable Values	
1 to 10 or 88, 99	Range
88	Not Asked
99	Unknown

468	<b>ALCOH20_PW</b>	number (3,0)	Required:false
How many alcoholic beverages a week did you typically consume during your 20s? (Probe: How many 4-oz. glasses of wine, or 12-oz. cans or bottles of beer or hard cider, or 1-oz. servings of sake or liquor {spirits} did you consume?) (Ref. 7.1.4)			

Allowable Values	
1 to 120 or 888, 999	Range
888	Not Asked
999	Unknown

469	<b>ALCOH30</b>	number (1,0)	Required:false
Did you typically consume any alcoholic beverages at least once a week for 6 months or longer in your 30s and 40s? (Alcoholic beverages include beer, hard cider, wine, sake, liquor, spirits, mixed drinks, or cocktails.) (Ref. 7.2)			

Allowable Values	
1	Yes
2	No
9	Unknown
8	Not Asked

470	<b>BEER_CIDER30</b>	number (1,0)	Required:false
Did you typically consume beer or hard cider at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)			

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

471	<b>BEER30_YRS</b>	number (2,0)	Required:false
How many years did you consume beer at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)			

Allowable Values

**1 to 20 or 99** Range

**99** Unknown

**BEER30\_AMT**

number (3,0)

Required: false

472

How many 12-oz can/bottle of beer did you consume at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)

Allowable Values

**1 to 120 or 999** Range

**999** Unknown

**BEER30\_INT**

number (2,0)

Required: false

473

Interval of frequency of beer consumed at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)

Allowable Values

**1** Per day

**2** Per week

**9** Unknown

**CIDER30\_YRS**

number (2,0)

Required: false

474

How many years did you consume hard cider at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)

Allowable Values

**1 to 20 or 88, 99** Range

**88** Not Asked

**99** Unknown

**CIDER30\_AMT**

number (3,0)

Required: false

475

How many 12-oz cans/bottles of hard cider did you consume at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)

Allowable Values

**1 to 120 or 888, 999** Range

**888** Not Asked

**999** Unknown

**CIDER30\_INT**

number (2,0)

Required: false

476

Interval of frequency of hard cider consumed at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)

Allowable Values

**1** Per day

2	Per week
8	Not Asked
9	Unknown

477	<b>WINE_SAKE30</b>	number (1,0)	Required: false
Did you typically consume wine or sake at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.2)			

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

478	<b>WINE30_YRS</b>	number (2,0)	Required: false
How many years did you consume wine at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.2)			

Allowable Values	
1 to 20 or 99	Range
99	Unknown

479	<b>WINE30_AMT</b>	number (3,0)	Required: false
How many 4-oz. glasses of wine did you consume at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.2)			

Allowable Values	
1 to 120 or 999	Range
999	Unknown

480	<b>WINE30_INT</b>	number (2,0)	Required: false
Interval of frequency of wine consumed at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)			

Allowable Values	
1	Per day
2	Per week
9	Unknown

481	<b>SAKE30_YRS</b>	number (2,0)	Required: false
How many years did you consume sake at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.2)			

Allowable Values	
1 to 20 or 88, 99	Range
88	Not Asked

99 Unknown

482 **SAKE30\_AMT** number (3,0) Required:false  
How many 1-oz. Glass of sake that subject consumed at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.2)

Allowable Values	
1 to 120 or 888, 999	Range
888	Not Asked
999	Unknown

483 **SAKE30\_INT** number (2,0) Required:false  
Interval of frequency that sake was consumed for at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)

Allowable Values	
1	Per day
2	Per week
8	Not Asked
9	Unknown

484 **LIQ30** number (1,0) Required:false  
Did you typically consume liquor (spirits), mixed drinks, or cocktails at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.3)

Allowable Values	
1	Yes
2	No
9	Unknown

485 **LIQ30\_YRS** number (2,0) Required:false  
How many years did you consume liquor (spirits), mixed drinks, or cocktails at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.3)

Allowable Values	
1 to 20 or 99	Range
99	Unknown

486 **LIQ30\_AMT** number (3,0) Required:false  
How many 1-oz. shots of liquor (spirits), mixed drinks, or cocktails did you consume at least once a week for 6 month or longer in your 30s and 40s? (Ref. 7.2.3)

Allowable Values	
1 to 120 or 999	Range

999 Unknown

LIQ30\_INT

number (2,0)

Required:false

487

Interval of frequency of liquor (spirits), mixed drinks, or cocktails consumed at least once a week for 6 months or longer in your 30s and 40s? (Ref. 7.2.1)

Allowable Values

1 Per day

2 Per week

9 Unknown

ALCOH30\_YRS

number (2,0)

Required:false

488

How many years in total did you consume at least one alcoholic beverage a week in your 30s and 40s? (Ref. 7.2.4)

Allowable Values

1 to 20 or 88, 99 Range

88 Not Asked

99 Unknown

ALCOH30\_PW

number (3,0)

Required:false

489

How many alcoholic beverages (4-oz. glasses of wine, 12-oz.cans/bottles of beer or hard cider, or 1-oz. servings of sake or liquor {spirits}) a week did you consume during those years in your 30s and 40s? (Ref. 7.2.4)

Allowable Values

1 to 120 or 888, 999 Range

888 Not Asked

999 Unknown

ALCOH50

number (1,0)

Required:false

490

Did you typically consume any alcoholic beverages, including beer, hard cider, wine, sake, liquor, spirits, mixed drinks, or cocktails, at least once a week for 6 months or longer since turning 50? (Ref. 7.3)

Allowable Values

1 Yes

2 No

9 Unknown

8 Not Asked

BEER\_CIDER50

number (1,0)

Required:false

491

Did you typically consume beer or hard cider at least once a week for 6 months or longer since turning 50? (Ref. 7.3.1)

Allowable Values

1 Yes

- 2 No
- 8 Not Asked
- 9 Unknown

492	<b>BEER50_YRS</b>	number (2,0)	Required: false
How many years did you consume beer at least once a week for 6 months or longer since turning 50? (Ref. 7.3.1)			

Allowable Values	
<b>1 to 71 or 99</b>	Range
<b>99</b>	Unknown

493	<b>BEER50_AMT</b>	number (3,0)	Required: false
How many 12-oz cans/bottles of beer did you consume once a week for 6 months or longer since turning 50? (Ref. 7.3.1)			

Allowable Values	
<b>1 to 120 or 999</b>	Range
<b>999</b>	Unknown

494	<b>BEER50_INT</b>	number (2,0)	Required: false
Interval of frequency of beer consumed at least once a week for 6 months or longer since turning 50? (Ref. 7.2.1)			

Allowable Values	
<b>1</b>	Per day
<b>2</b>	Per week
<b>9</b>	Unknown

495	<b>CIDER50_YRS</b>	number (2,0)	Required: false
How many years did you consume hard cider at least once a week for 6 months or longer since turning 50? (Ref. 7.3.1)			

Allowable Values	
<b>1 to 71 or 88,99</b>	Range
<b>88</b>	Not Asked
<b>99</b>	Unknown

496	<b>CIDER50_AMT</b>	number (3,0)	Required: false
How many 12-oz cans/bottles of hard cider did you consume at least once a week for 6 months or longer since turning 50? (Ref. 7.3.1)			

Allowable Values	
<b>1 to 120 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

497	<b>CIDER50_INT</b>	number (2,0)	Required:false
Interval of frequency of hard cider consumed at least once a week for 6 months or longer since turning 50? (Ref. 7.2.1)			

Allowable Values

- 1 Per day
- 2 Per week
- 8 Not Asked
- 9 Unknown

498	<b>WINE_SAKE50</b>	number (1,0)	Required:false
Did you typically consume wine or sake at least once a week for 6 months or longer since turning 50? (Ref. 7.3.2)			

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown

499	<b>WINE50_YRS</b>	number (2,0)	Required:false
How many years did you consume wine at least once a week for 6 months or longer since turning 50? (Ref. 7.3.2)			

Allowable Values

- 1 to 71 or 99 Range
- 99 Unknown

500	<b>WINE50_AMT</b>	number (3,0)	Required:false
How many 4-oz. glasses of wine did you consume at least once a week for 6 months or longer since turning 50? (Ref. 7.3.2)			

Allowable Values

- 1 to 120 or 999 Range
- 999 Unknown

501	<b>WINE50_INT</b>	number (2,0)	Required:false
Interval of frequency of wine consumed at least once a week for 6 months or longer since turning 50? (Ref. 7.2.1)			

Allowable Values

- 1 Per day
- 2 Per week
- 9 Unknown

502	<b>SAKE50_YRS</b>	number (2,0)	Required:false								
How many years did you consume sake at least once a week for 6 months or longer since turning 50? (Ref. 7.3.2)											
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1 to 71 or 88, 99</b></td><td>Range</td></tr> <tr><td><b>88</b></td><td>Not Asked</td></tr> <tr><td><b>99</b></td><td>Unknown</td></tr> </table>				Allowable Values		<b>1 to 71 or 88, 99</b>	Range	<b>88</b>	Not Asked	<b>99</b>	Unknown
Allowable Values											
<b>1 to 71 or 88, 99</b>	Range										
<b>88</b>	Not Asked										
<b>99</b>	Unknown										

503	<b>SAKE50_AMT</b>	number (3,0)	Required:false								
How many 1-oz. glasses of sake did you consume at least once a week for 6 months or longer since turning 50? (Ref. 7.3.2)											
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1 to 120 or 888, 999</b></td><td>Range</td></tr> <tr><td><b>888</b></td><td>Not Asked</td></tr> <tr><td><b>999</b></td><td>Unknown</td></tr> </table>				Allowable Values		<b>1 to 120 or 888, 999</b>	Range	<b>888</b>	Not Asked	<b>999</b>	Unknown
Allowable Values											
<b>1 to 120 or 888, 999</b>	Range										
<b>888</b>	Not Asked										
<b>999</b>	Unknown										

504	<b>SAKE50_INT</b>	number (2,0)	Required:false										
Interval of frequency of sake consumed at least once a week for 6 months or longer since turning 50? (Ref. 7.2.1)													
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1</b></td><td>Per day</td></tr> <tr><td><b>2</b></td><td>Per week</td></tr> <tr><td><b>8</b></td><td>Not Asked</td></tr> <tr><td><b>9</b></td><td>Unknown</td></tr> </table>				Allowable Values		<b>1</b>	Per day	<b>2</b>	Per week	<b>8</b>	Not Asked	<b>9</b>	Unknown
Allowable Values													
<b>1</b>	Per day												
<b>2</b>	Per week												
<b>8</b>	Not Asked												
<b>9</b>	Unknown												

505	<b>LIQ50</b>	number (1,0)	Required:false								
Did you typically consume liquor (spirits), mixed drinks, or cocktails at least once a week for 6 months or longer since turning 50? (Ref. 7.3.3)											
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1</b></td><td>Yes</td></tr> <tr><td><b>2</b></td><td>No</td></tr> <tr><td><b>9</b></td><td>Unknown</td></tr> </table>				Allowable Values		<b>1</b>	Yes	<b>2</b>	No	<b>9</b>	Unknown
Allowable Values											
<b>1</b>	Yes										
<b>2</b>	No										
<b>9</b>	Unknown										

506	<b>LIQ50_YRS</b>	number (2,0)	Required:false						
How many years that subject consumed liquor (spirits), mixed drinks, or cocktails at least once a week for 6 months or longer since turning 50? (Ref. 7.3.3)									
<table border="1"> <tr><td colspan="2">Allowable Values</td></tr> <tr><td><b>1 to 71 or 99</b></td><td>Range</td></tr> <tr><td><b>99</b></td><td>Unknown</td></tr> </table>				Allowable Values		<b>1 to 71 or 99</b>	Range	<b>99</b>	Unknown
Allowable Values									
<b>1 to 71 or 99</b>	Range								
<b>99</b>	Unknown								



507	<b>LIQ50_AMT</b> How many 1-oz. shots of liquor (spirits), mixed drinks, or cocktails did you consume at least once a week for at least 6 months or longer since turning 50? (Ref. 7.3.3)	number (3,0)	Required: false								
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="text-align: center;"><b>1 to 120 or 999</b></td> <td>Range</td> </tr> <tr> <td style="text-align: center;"><b>999</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1 to 120 or 999</b>	Range	<b>999</b>	Unknown		
Allowable Values											
<b>1 to 120 or 999</b>	Range										
<b>999</b>	Unknown										
508	<b>LIQ50_INT</b> Interval of frequency of liquor (spirits), mixed drinks, or cocktails consumed at least once a week for 6 months or longer since turning 50? (Ref. 7.3.3)	number (2,0)	Required: false								
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="text-align: center;"><b>1</b></td> <td>Per day</td> </tr> <tr> <td style="text-align: center;"><b>2</b></td> <td>Per week</td> </tr> <tr> <td style="text-align: center;"><b>9</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1</b>	Per day	<b>2</b>	Per week	<b>9</b>	Unknown
Allowable Values											
<b>1</b>	Per day										
<b>2</b>	Per week										
<b>9</b>	Unknown										
509	<b>ALCOH50_YRS</b> How many years in total did you consume at least one alcoholic beverage a week since turning 50? (Ref. 7.3.4)	number (2,0)	Required: false								
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="text-align: center;"><b>1 to 71 or 88, 99</b></td> <td>Range</td> </tr> <tr> <td style="text-align: center;"><b>88</b></td> <td>Not Asked</td> </tr> <tr> <td style="text-align: center;"><b>99</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1 to 71 or 88, 99</b>	Range	<b>88</b>	Not Asked	<b>99</b>	Unknown
Allowable Values											
<b>1 to 71 or 88, 99</b>	Range										
<b>88</b>	Not Asked										
<b>99</b>	Unknown										
510	<b>ALCOH50_PW</b> How many alcoholic beverages ( 4-oz. glasses of wine, 12-oz. cans/bottles of beer or hard cider, or 1-oz. servings of sake or liquor) a week did you typically consume during those years since turning 50? (Ref. 7.3.4)	number (3,0)	Required: false								
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="text-align: center;"><b>1 to 120 or 888, 999</b></td> <td>Range</td> </tr> <tr> <td style="text-align: center;"><b>888</b></td> <td>Not Asked</td> </tr> <tr> <td style="text-align: center;"><b>999</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1 to 120 or 888, 999</b>	Range	<b>888</b>	Not Asked	<b>999</b>	Unknown
Allowable Values											
<b>1 to 120 or 888, 999</b>	Range										
<b>888</b>	Not Asked										
<b>999</b>	Unknown										
511	<b>CIG</b> Have you ever smoked at least one cigarette a day for 3 months or longer? (Ref. 8.1)	number (1,0)	Required: true								
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">Allowable Values</td> </tr> <tr> <td style="text-align: center;"><b>1</b></td> <td>Yes</td> </tr> <tr> <td style="text-align: center;"><b>2</b></td> <td>No</td> </tr> <tr> <td style="text-align: center;"><b>9</b></td> <td>Unknown</td> </tr> </table>				Allowable Values		<b>1</b>	Yes	<b>2</b>	No	<b>9</b>	Unknown
Allowable Values											
<b>1</b>	Yes										
<b>2</b>	No										
<b>9</b>	Unknown										
	<b>CIG_1ST_AGE</b>	number (3,0)	Required: false								

512 How old were you when you first started smoking at least one cigarette a day for 3 months or longer? (Ref. 8.1.1)

Allowable Values	
5 to 70 or 888, 999	Range
888	Not Asked
999	Unknown

513 **CIG\_PD** number (3,0) Required: false  
During periods when you smoked regularly, how many cigarettes did you typically smoke in a day? (1 pack = 20 cigarettes.) (Ref. 8.1.2)

Allowable Values	
1 to 100 or 888, 999	Range
888	Not Asked
999	Unknown

514 **CIG\_2YRS** number (1,0) Required: false  
About 2 years ago were you still smoking at least one cigarette a day? (Ref. 8.1.3)

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

515 **CIG\_CURR** number (1,0) Required: false  
Do you still smoke at least one cigarette a day? (Ref. 8.1.4)

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

516 **CIG\_STOP\_AGE** number (3,0) Required: false  
When did you permanently stop smoking at least 1 cigarette a day? (Ref. 8.1.4.1)

Allowable Values	
5 to 100 or 888, 999	Range
888	Not Asked
999	Unknown

517	<b>CIG_YRS</b>	number (3,0)	Required: false
How many years in total did you smoke at least one cigarette per day for 3 months or longer? (If you stopped and restarted at least once, count only the time when you were smoking.) (Ref. 8.1.5)			

Allowable Values	
<b>1 to 95 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

518	<b>TOBACCO</b>	number (1,0)	Required: true
Have you ever smoked at least one cigar or one pipe per month for at least 3 months? (Ref. 8.2)			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>8</b>	Not Asked
<b>9</b>	Unknown

519	<b>TOB_TYPE</b>	number (1,0)	Required: false
Did you smoke cigars or pipes or both? (Ref. 8.2.1)			

Allowable Values	
<b>1</b>	Cigars
<b>2</b>	Pipes
<b>3</b>	Both
<b>8</b>	Not Asked

520	<b>TOB_1ST_AGE</b>	number (3,0)	Required: false
How old were you when you first started smoking at least one cigar or pipe per month? (Ref. 8.2.2)			

Allowable Values	
<b>10 to 70 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

521	<b>TOB_NO</b>	number (3,0)	Required: false
During periods when you smoked regularly, how many cigars or pipes did you typically smoke in a month? ("Regularly" means at least one cigar or pipe a month.) (Ref. 8.2.3)			

Allowable Values	
<b>1 to 150 or 888, 999</b>	Range

888	Not Asked
999	Unknown

522	<b>TOB_CIGAR_NO</b>	number (3,0)	Required: false
During the periods when you smoked regularly, how many cigars did you typically smoke in a month? (Regularly means at least once a month)			

Allowable Values	
1 to 150 or 888, 999	Range
888	Not Asked
999	Unknown

523	<b>TOB_PIPE_NO</b>	number (3,0)	Required: false
During the periods when you smoked regularly, how many pipes did you typically smoke in a month? (Regularly means at least once a month)			

Allowable Values	
1 to 150 or 888, 999	Range
888	Not Asked
999	Unknown

524	<b>TOB_2YRS</b>	number (1,0)	Required: false
Two years ago, were you still smoking at least one cigar or pipe a month? (Ref. 8.2.4)			

Allowable Values	
1 to 150 or 888, 999	Range
888	Not Asked
999	Unknown

525	<b>TOB_CURR</b>	number (1,0)	Required: false
Do you still smoke at least one cigar or pipe a month? (Ref. 8.2.5)			

Allowable Values	
1	Yes
2	No
8	Not Asked
9	Unknown

526	<b>TOB_STOP_AGE</b>	number (3,0)	Required: false
When did you permanently stop smoking at least one cigar or pipe a month? (Ref. 8.2.5.1)			

Allowable Values	

<b>10 to 90 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

527	<b>TOB_YRS</b>	number (3,0)	Required: false
How many years in total did you smoke at least one cigar or pipe a month? (If you have stopped and restarted at least once, count only the time when you were smoking.) (Ref. 8.2.6)			

Allowable Values	
<b>1 to 80 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

528	<b>CIGAR</b>	number (3,0)	Required: false
Have you ever smoked at least 1 cigar per month for at least 3 months?			

Allowable Values	
<b>1</b>	Yes
<b>2</b>	No
<b>8</b>	Not Asked
<b>9</b>	Unknown

529	<b>CIGAR_1ST_AGE</b>	number (3,0)	Required: false
How old were you when you first started smoking at least one cigar per month? (Ref. 8.2.2)			

Allowable Values	
<b>10 to 70 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

530	<b>CIGAR_NO</b>	number (3,0)	Required: false
During periods when you smoked regularly, how many cigars did you typically smoke in a month? ("Regularly" means at least one cigar a month.) (Ref. 8.2.3)			

Allowable Values	
<b>1 to 150 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

531	<b>CIGAR_2YRS</b>	number (1,0)	Required: false
Two years ago, were you still smoking at least one cigar a month? (Ref. 8.2.4)			

Allowable Values	
------------------	--

- |   |         |
|---|---------|
| 1 | Yes     |
| 2 | No      |
| 9 | Unknown |

532	<b>CIGAR_CURR</b>	number (1,0)	Required:false
-----	-------------------	--------------	----------------

Do you still smoke at least one cigar a month? (Ref. 8.2.5)

Allowable Values	
------------------	--

- |   |           |
|---|-----------|
| 1 | Yes       |
| 2 | No        |
| 8 | Not Asked |
| 9 | Unknown   |

533	<b>CIGAR_STOP_AGE</b>	number (3,0)	Required:false
-----	-----------------------	--------------	----------------

When did you permanently stop smoking at least one cigar a month? (Ref. 8.2.5.1)

Allowable Values	
------------------	--

- |                             |           |
|-----------------------------|-----------|
| <b>10 to 90 or 888, 999</b> | Range     |
| <b>888</b>                  | Not Asked |
| <b>999</b>                  | Unknown   |

534	<b>CIGAR_YRS</b>	number (3,0)	Required:false
-----	------------------	--------------	----------------

How many years in total did you smoke at least one cigar a month? (If you have stopped and restarted at least once, count only the time when you were smoking.) (Ref. 8.2.6)

Allowable Values	
------------------	--

- |                            |           |
|----------------------------|-----------|
| <b>1 to 80 or 888, 999</b> | Range     |
| <b>888</b>                 | Not Asked |
| <b>999</b>                 | Unknown   |

535	<b>PIPE</b>	number (3,0)	Required:false
-----	-------------	--------------	----------------

Have you ever smoked at least 1 pipe per month for at least 3 months?

Allowable Values	
------------------	--

- |   |           |
|---|-----------|
| 1 | Yes       |
| 2 | No        |
| 8 | Not Asked |
| 9 | Unknown   |

536	<b>PIPE_1ST_AGE</b>	number (3,0)	Required:false
-----	---------------------	--------------	----------------

How old were you when you first started smoking at least one pipe per month? (Ref. 8.2.2)

Allowable Values	
10 to 70 or 888, 999	Range
888	Not Asked
999	Unknown

**PIPE\_NO**

number (3,0)

Required: false

537

During periods when you smoked regularly, how many pipes did you typically smoke in a month? ("Regularly" means at least one cigar or pipe a month.) (Ref. 8.2.3)

Allowable Values	
1 to 150 or 888, 999	Range
888	Not Asked
999	Unknown

**PIPE\_2YRS**

number (1,0)

Required: false

538

Two years ago, were you still smoking at least one pipe a month? (Ref. 8.2.4)

Allowable Values

1	Yes
2	No
9	Unknown

**PIPE\_CURR**

number (1,0)

Required: false

539

Do you still smoke at least one pipe a month? (Ref. 8.2.5)

Allowable Values

1	Yes
2	No
8	Not Asked
9	Unknown

**PIPE\_STOP\_AGE**

number (3,0)

Required: false

540

When did you permanently stop smoking at least one pipe a month? (Ref. 8.2.5.1)

Allowable Values	
10 to 90 or 888, 999	Range
888	Not Asked
999	Unknown

**PIPE\_YRS**

number (3,0)

Required: false

541 How many years in total did you smoke at least one pipe a month? (If you have stopped and restarted at least once, count only the time when you were smoking.) (Ref. 8.2.6)

Allowable Values	
<b>1 to 80 or 888, 999</b>	Range
<b>888</b>	Not Asked
<b>999</b>	Unknown

542 **HEIGHT** number (3,0) Required: true  
About how tall are you, without your shoes on (in centimeters)? (Ref. 9.1) (1 inch = 2.54 centimeters)

Allowable Values	
<b>99 to 220 or 999</b>	Range
<b>999</b>	Unknown/Refused

543 **WEIGHT\_2YRS** number (3,0) Required: true  
How much did you weigh about 2 years ago (in kilograms)? (Ref. 9.2) (1 pound = 0.453 kilogram)

Allowable Values	
<b>35 to 200 or 999, 888</b>	Range
<b>999</b>	Unknown/Refused
<b>888</b>	Not Asked

544 **WEIGHT20** number (3,0) Required: false  
How much did you weigh when you were about 20 years old (in kilograms)? (Ref. 9.3) (1 pound = 0.453 kilogram)

Allowable Values	
<b>35 to 200 or 999, 888</b>	Range
<b>999</b>	Unknown/Refused
<b>888</b>	Not Asked

545 **EDUCATION** number (1,0) Required: false  
What is the highest level of education that you have completed (for US and Canada only)? (Ref. 10.1)

Allowable Values	
<b>1</b>	Less Than 8 Years
<b>2</b>	8 - 11 Years
<b>3</b>	High School Graduate
<b>4</b>	Vocational or Technical School
<b>5</b>	Some College or University
<b>6</b>	Bachelors Degree



7	Graduate Degree
9	Unknown/Refused

546	<b>AUS_EDUCATION</b>	number (1,0)	Required: false
What is the highest level of education that you have completed (Australia only)? (Ref. 10.1)			

Allowable Values	
1	Primary school
2	Secondary school, year 7 or 8
3	Secondary school, year 9 or 10
4	Secondary school, year 11 or 12
5	Vocational training
6	University (did not graduate)
7	University (graduated)
9	Unknown

547	<b>S_BIRTHPL</b>	number (3,0)	Required: true
Where were you born? (Ref. 10.2) (Codes are from EER/NAACCR/ACOS standards)			

548	<b>YRS_COUNTRY</b>	number (3,0)	Required: false
How many years have you lived in the United States/Canada/Australia? (Ref. 10.2.1.1)			

Allowable Values	
1 to 120 or 999	Range
0	never, or less than 1 year
999	Unknown

549	<b>S_RACE1</b>	number (2,0)	Required: true
What is your race? (Ref. 10.2.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person

11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

550	<b>S_RACE1_OTH</b>	string (200)	Required:false
Specification other race of self. (Ref. 10.2.2)			

551	<b>S_RACE2</b>	number (2,0)	Required:false
What is your race? (Ref. 10.2.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean)
9	South Asian (such as Indian, Pakistani, Sri Lankan)
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)

98	Other
99	Unknown
88	Not Asked

**Error Description**

must in valid range. Please see Data Dictionary or 8

552	<b>S_RACE2_OTH</b>	string (200)	Required:false
Specification other race of self. (Ref. 10.2.2)			

553	<b>S_RACE3</b>	number (2,0)	Required:false
What is your race? (Ref. 10.2.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

**Error Description**

must in valid range. Please see Data Dictionary or 8

	<b>S_RACE3_OTH</b>	string (200)	Required:false
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554 Specification other race of self. (Ref. 10.2.2)

555 **S\_RACE4** number (2,0) Required: false

What is your race? (Ref. 10.2.2) (Codes are from EER/NAACCR/ACOS standards)

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

**Error Description**

must in valid range. Please see Data Dictionary or 8

556 **S\_RACE4\_OTH** string (200) Required: false

Specification other race of self. (Ref. 10.2.2)

557 **S\_JEW** number (1,0) Required: true

Are you of Jewish descent? (Ref. 10.2.3 & 10.2.3.1)

Allowable Values	
1	Yes
2	No

9 Unknown/Refused

**Error Description**

must be 1-2 or 9 or 8

558

**S\_JEW\_TYP**

number (1,0)

Required: false

If applicable, what type of Jewish ancestry are you? (Ref. 10.2.3.2)

Allowable Values

1 Ashkenazi

2 Sephardic

3 Other

4 Ashkenazi and Sephardic

9 Unknown

**Error Description**

must be 1-3 or 9 or 8

559

**M\_BIRTHPL**

number (3,0)

Required: true

Mother's Birthplace (Ref. 10.3.1) (Codes are from EER/NAACCR/ACOS standards)

560

**M\_RACE1**

number (2,0)

Required: true

Mother's Race (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)

Allowable Values

1 Caucasian

2 African American/Black (except African; except Caribbean)

3 Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican

4 Japanese

5 Chinese

6 Filipino/Malay/Indonesian

7 Korean

8 South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean)

9 South Asian (such as Indian, Pakistani, Sri Lankan)

10 Native American, Inuit, Aleutian, First Nations Person

11 Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)

12 Micronesian

13 Australian Aboriginal

14 Melanesian (such as Fijian, New Guinean)

15 Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)

16 Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)

17 Black African

18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

561	<b>M_RACE1_OTH</b>	string (200)	Required:false
Mother's other race specification. (Ref. 10.3.2)			

562	<b>M_RACE2</b>	number (2,0)	Required:false
Mother's Race (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan)
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

Error Description
must in valid range. Please see Data Dictionary or 8

	<b>M_RACE2_OTH</b>	string (200)	Required:false
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563 Mother's other race specification. (Ref. 10.3.2)

564 **M\_RACE3** number (2,0) Required:false

Mother's Race (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

Error Description
must in valid range. Please see Data Dictionary or 8

565 **M\_RACE3\_OTH** string (200) Required:false

Mother's other race specification. (Ref. 10.3.2)

566 **M\_RACE4** number (2,0) Required:false

Mother's Race (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)

3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

567	<b>M_RACE4_OTH</b>	string (200)	Required: false
Mother's other race specification. (Ref. 10.3.2)			

568	<b>M_JEW</b>	number (1,0)	Required: true
Individual's mother is of Jewish descent. (Ref. 10.2.3 & 10.2.3.1)			

Allowable Values	
1	Yes
2	No
9	Unknown/Refused
8	Not Asked

569	<b>M_JEW_TYP</b>	number (1,0)	Required: false
If applicable, mother's type of Jewish ancestry. (Ref. 10.2.3.2)			

Allowable Values	
1	Ashkenazi
2	Sephardic
3	Other



4	Ashkenazi and Sephardic
9	Unknown
8	Not Asked

570	<b>F_BIRTHPL</b>	number (3,0)	Required: true
Father's birthplace. (Ref. 10.3.1) (Codes are from EER/NAACCR/ACOS standards)			

571	<b>F_RACE1</b>	number (2,0)	Required: true
Race of father. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

572	<b>F_RACE1_OTH</b>	string (200)	Required: false
Father's other race specification. (Ref. 10.3.2)			

573	<b>F_RACE2</b>	number (2,0)	Required: false
Race of father. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
------------------	--

1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maori, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
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, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

**Error Description**

must in valid range. Please see Data Dictionary or 8

574	<b>F_RACE2_OTH</b>	string (200)	Required:false
Father's other race specification. (Ref. 10.3.2)			
575	<b>F_RACE3</b>	number (2,0)	Required:false
Race of father. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean

8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

576	<b>F_RACE3_OTH</b>	string (200)	Required:false
Father's other race specification. (Ref. 10.3.2)			

577	<b>F_RACE4</b>	number (2,0)	Required:false
Race of father. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)

17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

**Error Description**  
must in valid range. Please see Data Dictionary or 8

578	<b>F_RACE4_OTH</b>	string (200)	Required: false
Father's other race specification. (Ref. 10.3.2)			

579	<b>F_JEW</b>	number (1,0)	Required: true
Individual's father is of Jewish descent. (Ref. 10.2.3 & 10.2.3.1)			

Allowable Values	
1	Yes
2	No
9	Unknown/Refused
8	Not Asked

580	<b>F_JEW_TYP</b>	number (1,0)	Required: false
If applicable, father's type of Jewish ancestry. (Ref. 10.2.3.2)			

Allowable Values	
1	Ashkenazi
2	Sephardic
3	Other
4	Ashkenazi and Sephardic
9	Unknown
8	Not Asked

581	<b>MGM_BIRTHPL</b>	number (3,0)	Required: true
Birthplace of maternal grandmother. (Ref. 10.3.1) (Codes are from EER/NAACCR/ACOS standards)			

582	<b>MGM_RACE1</b>	number (2,0)	Required: true
Race of maternal grandmother. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)

3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

583	<a href="#">MGM_RACE1_OTH</a>	string (200)	Required:false
Maternal grand mother's other race specification. (Ref. 10.3.2)			

584	<a href="#">MGM_RACE2</a>	number (2,0)	Required:false
Race of maternal grandmother. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)

12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

585	<a href="#">MGM_RACE2_OTH</a>	string (200)	Required: false
Maternal grand mother's other race specification. (Ref. 10.3.2)			

586	<a href="#">MGM_RACE3</a>	number (2,0)	Required: false
Race of maternal grandmother. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other

99	Unknown
88	Not Asked

**Error Description**  
must in valid range. Please see Data Dictionary or 8

587	<b>MGM_RACE3_OTH</b>	string (200)	Required:false
Maternal grand mother's other race specification. (Ref. 10.3.2)			
588	<b>MGM_RACE4</b>	number (2,0)	Required:false
Race of maternal grandmother. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan)
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

589	<b>MGM_RACE4_OTH</b>	string (200)	Required:false
Maternal grand mother's other race specification. (Ref. 10.3.2)			
590	<b>MGM_JEW</b>	number (1,0)	Required:true
Individual's maternal grandmother is of Jewish descent. (Ref. 10.2.3 & 10.2.3.1)			

Allowable Values	
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1	Yes
---	-----

2	No
---	----

9	Unknown/Refused
---	-----------------

8	Not Asked
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591	<b>MGM_JEW_TYP</b>	number (1,0)	Required: false
If applicable, individual's maternal grandmother's type of Jewish ancestry. (Ref. 10.2.3.2)			

Allowable Values	
------------------	--

1	Ashkenazi
---	-----------

2	Sephardic
---	-----------

3	Other
---	-------

4	Ashkenazi and Sephardic
---	-------------------------

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

8	Not Asked
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592	<b>MGF_BIRTHPL</b>	number (3,0)	Required: true
Birthplace of maternal grandfather. (Ref. 10.3.1) (Codes are from EER/NAACCR/ACOS standards)			

593	<b>MGF_RACE1</b>	number (2,0)	Required: true
Race of maternal grandfather. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
------------------	--

1	Caucasian
---	-----------

2	African American/Black (except African; except Caribbean)
---	---

3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
---	--

4	Japanese
---	----------

5	Chinese
---	---------

6	Filipino/Malay/Indonesian
---	---------------------------

7	Korean
---	--------

8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean)
---	--

9	South Asian (such as Indian, Pakistani, Sri Lankan)
---	---

10	Native American, Inuit, Aleutian, First Nations Person
----	--

11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
----	--

12	Micronesian
----	-------------

13	Australian Aboriginal
----	-----------------------

14	Melanesian (such as Fijian, New Guinean)
----	--

15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
----	---

--	--



16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

594	<b>MGF_RACE1_OTH</b>	string (200)	Required:false
Maternal grandfather's other race specification (Ref. 10.3.2)			

595	<b>MGF_RACE2</b>	number (2,0)	Required:false
Race of maternal grandfather. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

Error Description

must in valid range. Please see Data Dictionary or 8

596	<b>MGF_RACE2_OTH</b>	string (200)	Required: false
Maternal grandfather's other race specification (Ref. 10.3.2)			

597	<b>MGF_RACE3</b>	number (2,0)	Required: false
Race of maternal grandfather. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

598	<b>MGF_RACE3_OTH</b>	string (200)	Required: false
Maternal grandfather's other race specification (Ref. 10.3.2)			

599	<b>MGF_RACE4</b>	number (2,0)	Required: false
Race of maternal grandfather. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)

3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

600	<b>MGF_RACE4_OTH</b>	string (200)	Required: false
Maternal grandfather's other race specification (Ref. 10.3.2)			

601	<b>MGF_JEW</b>	number (1,0)	Required: true
Individual's maternal grandfather is of Jewish descent. (Ref. 10.2.3 & 10.2.3.1)			

Allowable Values

- 1 Yes
- 2 No
- 9 Unknown/Refused
- 8 Not Asked

602	<b>MGF_JEW_TYP</b>	number (1,0)	Required: false
If applicable, maternal grandfather's type of Jewish ancestry. (Ref. 10.2.3)			

Allowable Values

- 1 Ashkenazi
- 2 Sephardic
- 3 Other

4	Ashkenazi and Sephardic
9	Unknown
8	Not Asked

603	<b>PGM_BIRTHPL</b>	number (3,0)	Required: true
Birthplace of paternal grandmother. (Ref. 10.3.1) (Codes are from EER/NAACCR/ACOS standards)			

604	<b>PGM_RACE1</b>	number (2,0)	Required: true
Race of paternal grandmother. (Ref. 10.3.3) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

605	<b>PGM_RACE1_OTH</b>	string (200)	Required: false
Paternal grandmother's other race specification. (Ref. 10.3.2)			

606	<b>PGM_RACE2</b>	number (2,0)	Required: false
Race of paternal grandmother. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
------------------	--

1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

607	<b>PGM_RACE2_OTH</b>	string (200)	Required:false
Paternal grandmother's other race specification. (Ref. 10.3.2)			

608	<b>PGM_RACE3</b>	number (2,0)	Required:false
Race of paternal grandmother. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan

10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

609	<b>PGM_RACE3_OTH</b>	string (200)	Required:false
Paternal grandmother's other race specification. (Ref. 10.3.2)			

610	<b>PGM_RACE4</b>	number (2,0)	Required:false
Race of paternal grandmother. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean)
9	South Asian (such as Indian, Pakistani, Sri Lankan)
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)

19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

611	<b>PGM_RACE4_OTH</b>	string (200)	Required: false
Paternal grand mother's other race specification. (Ref. 10.3.2)			

612	<b>PGM_JEW</b>	number (1,0)	Required: true
Paternal grandmother is of Jewish descent. (Ref. 10.2.3 & 10.2.3.1)			

Allowable Values	
1	Yes
2	No
9	Unknown/Refused
8	Not Asked

613	<b>PGM_JEW_TYP</b>	number (1,0)	Required: false
If applicable, paternal grandmother's type of Jewish ancestry. (Ref. 10.2.3)			

Allowable Values	
1	Ashkenazi
2	Sephardic
3	Other
4	Ashkenazi and Sephardic
9	Unknown
8	Not Asked

614	<b>PGF_BIRTHPL</b>	number (3,0)	Required: true
Birthplace of paternal grandfather. (Ref. 10.3.1) (Codes are from EER/NAACCR/ACOS standards)			

615	<b>PGF_RACE1</b>	number (2,0)	Required: true
Race of paternal grandfather. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian

7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

616	<b>PGF_RACE1_OTH</b>	string (200)	Required: false
Paternal grandfather's other race specification. (Ref. 10.3.2)			

617	<b>PGF_RACE2</b>	number (2,0)	Required: false
Race of paternal grandfather. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)



16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

618	<b>PGF_RACE2_OTH</b>	string (200)	Required: false
Paternal grandfather's other race specification. (Ref. 10.3.2)			

619	<b>PGF_RACE3</b>	number (2,0)	Required: false
Race of paternal grandfather. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)			

Allowable Values	
1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
14	Melanesian (such as Fijian, New Guinean)
15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

620	<b>PGF_RACE3_OTH</b>	string (200)	Required: false
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Paternal grandfather's other race specification. (Ref. 10.3.2)

**PGF\_RACE4**

number (2,0)

Required: false

621

Race of paternal grandfather. (Ref. 10.3.2) (Codes are from EER/NAACCR/ACOS standards)

Allowable Values

1	Caucasian
2	African American/Black (except African; except Caribbean)
3	Latino, Hispanic, Mexican American, Mexican, Cuban, Puerto Rican
4	Japanese
5	Chinese
6	Filipino/Malay/Indonesian
7	Korean
8	South East Asian (except Chinese) (such as Vietnamese, Laotian, Thai, Hmong, Kampuchean
9	South Asian (such as Indian, Pakistani, Sri Lankan
10	Native American, Inuit, Aleutian, First Nations Person
11	Polynesian (such as Hawaiian, Maor, Samoan, Tongan, Tahitian, Cook Islander)
12	Micronesian
13	Australian Aboriginal
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15	Caribbean Black (such as Jamaican, Trinidadian, Tobagonian)
16	Centra/South American (such as Costa Rican, Salvadorian, Columbian, Brazilian, Black African)
17	Black African
18	North African (such as Egyptian, Algerian, Moroccan)
19	Middle Eastern (such as Iranian, Lebanese, Kuwaiti, Saudi)
98	Other
99	Unknown
88	Not Asked

**PGF\_RACE4\_OTH**

string (200)

Required: false

622

Paternal grandfather's other race specification. (Ref. 10.3.2)

**PGF\_JEW**

number (1,0)

Required: true

623

Paternal grandfather is of Jewish descent. (Ref. 10.2.3 & 10.2.3.1)

Allowable Values

1	Yes
2	No
9	Unknown/Refused
8	Not Asked

624	<b>PGF_JEW_TYP</b>	number (1,0)	Required: false																		
If applicable, paternal grandfather's type of Jewish ancestry. (Ref. 10.2.3)																					
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">Allowable Values</td></tr> <tr><td style="text-align: center;">1</td><td>Ashkenazi</td></tr> <tr><td style="text-align: center;">2</td><td>Sephardic</td></tr> <tr><td style="text-align: center;">3</td><td>Other</td></tr> <tr><td style="text-align: center;">4</td><td>Ashkenazi and Sephardic</td></tr> <tr><td style="text-align: center;">9</td><td>Unknown</td></tr> <tr><td style="text-align: center;">8</td><td>Not Asked</td></tr> </table>				Allowable Values		1	Ashkenazi	2	Sephardic	3	Other	4	Ashkenazi and Sephardic	9	Unknown	8	Not Asked				
Allowable Values																					
1	Ashkenazi																				
2	Sephardic																				
3	Other																				
4	Ashkenazi and Sephardic																				
9	Unknown																				
8	Not Asked																				
625	<b>RESEARCH</b>	number (1,0)	Required: true																		
Have you or your family participated in other research studies of familial cancer or ever attended a genetic counseling session relating to cancer? (Ref.10.4)																					
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">Allowable Values</td></tr> <tr><td style="text-align: center;">1</td><td>Yes</td></tr> <tr><td style="text-align: center;">2</td><td>No</td></tr> <tr><td style="text-align: center;">9</td><td>Unknown</td></tr> <tr><td style="text-align: center;">8</td><td>Not Asked</td></tr> </table>				Allowable Values		1	Yes	2	No	9	Unknown	8	Not Asked								
Allowable Values																					
1	Yes																				
2	No																				
9	Unknown																				
8	Not Asked																				
626	<b>RESEARCH_DESC</b>	string (50)	Required: false																		
Please specify the research study or genetic counseling session relating to cancer that you or your family participated in. (Ref. 10.4.1)																					
627	<b>INCOME</b>	number (1,0)	Required: true																		
As of about two years ago, which of the following best describes your total annual household income from all sources before taxes? (Ref. 10.5)																					
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">Allowable Values</td></tr> <tr><td style="text-align: center;">1</td><td>Less than \$15,000 (\$12,000 CDN)</td></tr> <tr><td style="text-align: center;">2</td><td>\$15,000 (\$12,000 CDN)</td></tr> <tr><td style="text-align: center;">3</td><td>\$30,000 (\$30,000 CDN)</td></tr> <tr><td style="text-align: center;">4</td><td>\$45,000 (\$50,000 CDN)</td></tr> <tr><td style="text-align: center;">5</td><td>\$70,000 or more</td></tr> <tr><td style="text-align: center;">6</td><td>Refused</td></tr> <tr><td style="text-align: center;">9</td><td>Unknown</td></tr> <tr><td style="text-align: center;">8</td><td>Not Asked</td></tr> </table>				Allowable Values		1	Less than \$15,000 (\$12,000 CDN)	2	\$15,000 (\$12,000 CDN)	3	\$30,000 (\$30,000 CDN)	4	\$45,000 (\$50,000 CDN)	5	\$70,000 or more	6	Refused	9	Unknown	8	Not Asked
Allowable Values																					
1	Less than \$15,000 (\$12,000 CDN)																				
2	\$15,000 (\$12,000 CDN)																				
3	\$30,000 (\$30,000 CDN)																				
4	\$45,000 (\$50,000 CDN)																				
5	\$70,000 or more																				
6	Refused																				
9	Unknown																				
8	Not Asked																				
628	<b>EPI_Q_CMPLDATE</b>	string (8)	Required: true																		
Date epidemiology questionnaire completed/administered or date questionnaire received by center. Use date completed/administered. Only use date questionnaire received if date completed not available.																					

629 **EPI\_Q\_CMPLTYPE** number (1,0) Required: true

Completion date type. Indicates whether the value in field EPI\_Q\_CMPDATE represents date interview conducted/completed or date questionnaire returned/received.

Allowable Values

- 1 Date interview conducted/completed
- 2 Date self-completed questionnaire returned/received

630 **ETHNIC\_BL** number (1,0) Required: false

Response to question "Do you consider yourself to be Hispanic/Latino? Yes, No, Don't know/Refused"

Allowable Values

- 1 Yes
- 2 No
- 8 Not Asked
- 9 Unknown