# FAMILY HISTORY OF CANCER QUESTIONNAIRE 1 INTRODUCTION

CONSENT	You are eligible for the Family Health Study. The first interview will take about 20 minutes. May we begin now?
	YES
	GO TO SECTION A

## FAMILY HISTORY OF CANCER QUESTIONNAIRE 1 SECTION A

#### **INTRODUCTION:**

You may not know the answers to all the questions I ask you. That's okay, just give me your best guess or simply say that you don't know. If you remember the answer to a question later in the interview, please let me know and I'll record it.

First, I would like to ask you some questions about yourself.

A1.	What is your date of birth?			
		-	_ -	
		MONTH	DAY	YEAR

#### BOX A-1

IF YEAR IN A1 = 7 OR 8 (RF OR DK), CONTINUE WITH A1a.

ELSE CATI WILL CALCULATE AGE BASED ON DOB OR YEAR OF BIRTH. IF AGE
<25 OR >64, GO TO THANK04 (SEE SCREENER). ELSE CONTINUE WITH A2.

A1a.	What is your age?	
		_
		AGE

#### BOX A-2

IF AGE IN A1a = 7 OR 8 (RF OR DK), CONTINUE WITH A1b. ELSE, IF THE AGE IN A1a < 25 OR >64, GO TO THANK04 (SEE SCREENER). ELSE CONTINUE WITH A2.

A1b. Would you describe yourself as:
[IF R SAYS RF OR DK, SAY: This information is important in order to continue with the interview.]

25 to 34 years old,	1
35 to 44 years old,	
45 to 54 years old, or	3
55 to 64 years old?	4
YOUNGER THAN 25 OR OLDER THAN 64	5
REFUSED	7
DON'T KNOW	8

### BOX A-3

If A1b = 5 (<25 OR > 64), GO TO THANK04 (SEE SCREENER). IF A1b = 7, 8 (RF, DK), GO TO THANK03 (SEE SCREENER). ELSE, CONTINUE WITH A2.

		kt questions ask about cand or malignant tumors.	cer. Throughout this interview when we ask ab	out cancer, include all types of
	Have yo	ou ever had cancer?		
			YES	1 (GO TO A4)
			NO	,
			REFUSED	
			DON'T KNOW	8 (GO 10 A2a)
CANCER STATUS PROBE	A2a.	IF R ANSWERS DK TO HERE:	A2 BUT OFFERS ANY MEDICAL/HEALTH	INFORMATION, SUMMARIZE
TROBE	J	To the heat of your knowled	adde would you gov that you	
		To the best of your knowle	edge, would you say that you:	
			Did have cancer,	1 (GO TO A4)
			Did not have cancer, or	2
			You're not sure?	3
			REFUSED	7
			DON'T KNOW	8
АЗ.	-	ou say your chance of getti	ng cancer in the future is: RAGE, MEDIUM =AVERAGE, HIGH =ABOVE A	VERAGE.]
			Low,	

## R'S FIRST REPORTED PRIMARY CANCER

A4.	-	/hat type of cancer did you have, or in what specific part of the body did the cancer start? [IF R SAYS MORE HAN ONE KIND SAY: Please tell me about the first cancer.]						
		CANCER TYPE/SITE:_						
			BOX A-4					
		IF A4 = RF OR DK, GO						
		II 74 - III OIL DII, CO	1070.					
<u>NOTE</u> :	SEE INTER	VIEWER PROBING INSTRUCTION	ONS FOR USING A4 PROBES					
BODY PART PROBE	A4a.	[IF CANCER TYPE/SIT did the cancer start?]	TE NOT A RECOGNIZABLE BODY PART, SAY:	Specifically, wh	nere in the body			
SKIN CANCER PROBE	A4b.	[IF CANCER ON EXTE WITHOUT ASKING]	ERNAL BODY PART, OR IF NEEDED, ASK: Wa	1				
	] A4c.	Was it melanoma?	DON'T KNOW					
MELANOMA PROBE	A40.	was il meianoma?	YES NO REFUSED DON'T KNOW	2 7				
	A4d.	INTERVIEWER: SUMM	MARIZE TYPE/SITE OF CANCER:					
			BOX A-5					
		IF CANCER IS A NON I (NO), GO TO A-9	MELANOMA SKIN CANCER (A4b = 1 (YES) <u>AND</u>	<u>2</u> A4c = 2				

A5. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE						
			 AGE	OR	_    _YEAR	
			E	BOX A-6		
		IF AGE OR YEAR WA	AS GIVEN IN A5, O	GO TO A6. ELSE (	CONTINUE WITH A	<b>45</b> a.
DIAGNOSIS AGE/YEAR	A5a.	Can you give me an 1800's or 1900's?]	estimate of when	you were diagno	sed? [IF NEEDED	: Were you/ Was it in the
PROBE A		AGE RANGE	OR	,	YEAR RANGE	
	A child	under 13, 0		1800's	OR	1900's
		teens, 1	1800 to 1	80910		90910
		es, 2		11		11
		5,3		12		12
		, 4		13		13
		5		14		14
		6		15		15
		ies,7		16		16
		s,8		17		17
		s, or 9		18		18
	One hu	ndred or more?10	1890's	19	1990's	19
	DE		07			
			-			
	DK		98			
			E	BOX A-7		
		IF AGE RANGE IN AS	5a = 0 (UNDER 13	OR 10 (100 OR	MORE), GO TO A6	<b>.</b>
		IF A5a = 97 OR 98 (D	•	•	• •	
	Į.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		
DIAGNOSIS	A5b.	Would you say that w	as:			
AGE/YEAR		FII. (AOF DANOE)	VEAD DANIOE IN V	(FL)	4	(00 TO A0)
PROBE B		Early (AGE RANGE/)				(GO TO A6)
		Mid {AGE RANGE/YE				(GO TO A6)
		Late {AGE RANGE/Y	EAR RANGE IN A	bb}	3	(GO TO A6)
	۸.5	\\/			alia ana a a a di sedala dalah	
DIAGNOSIS	A5c.		you were under 50	wnen you were	diagnosed with this	s cancer, or were you 50 or
		older?				
AGE/YEAR			LINDED ACC	- 50	4	
PROBE C				50		
			AGE 50 OR	OLDER	2	

A6.	Where were you <u>living</u> when this {CANCER TYPE/SITE} was first diagnosed, that is, in what state?					
			 STATE			
			DK  RF  OTHER (SPECIFY)	7 (GO TO A8)		
A7.	And w A6}?	as the doctor or med	ical facility that made the diagnosis located in {FUL	L NAME OF PLACE GIVEN I		
			YES  NO  DK  RF	2 8 (GO TO A9)		
A8.	Where	was the doctor of med	dical facility that made the diagnosis located, that is, i	. ,		
			_  STATE  OTHER (SPECIFY)	91		
A9.	Have y	you ever had any other	r kind of cancer?			
			YESREFUSEDDON'T KNOW	2 (GO TO SECTION B) 7 (GO TO SECTION B)		
MULTIPLE	A9a.	IF R ANSWERS D	OK TO A9 BUT OFFERS ANY MEDICAL/HEALTH	I INFORMATION, SUMMARIZI		
PRIMARY PROBE		To the best of your	knowledge, would you say that you			
			Did have another cancer,  Did not have another cancer, or  You're not sure?	-		

## R'S SECOND REPORTED PRIMARY CANCER

A10.	-	What type of cancer did you have, or in what specific part of the body did the cancer start? [IF R SAYS MORE THAN ONE KIND SAY: Please tell me about the next cancer.]					
		CANCER TYPE/SITE:					
		BOX A-8  IF A4 = RF OR DK, GO TO A11.					
NOTE: S	SEE INTER	/IEWER PROBING INSTRUCTIONS FOR USING A10 PROBES					
BODY PART PROBE	A10a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]					
SKIN CANCER PROBE	A10b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]  YES					
MELANOMA PROBE	A10c.	YES       1         NO       2         REFUSED       7         DON'T KNOW       8					
	A10d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:					
		BOX A-9					
		IF CANCER IS NON MELANOMA SKIN CANCER (A10b=1 AND A10c=2), GO TO A15  ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (A10b=1 AND A10c=1, 7, OR 8), GO TO A11.  FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN A10e					

<u>NOTE</u>: THE INTERVIEWER WILL CODE A10e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK A10f.

<u>**DEFINITION**</u>: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

A10e.	[INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]
METASTATIC PROBES FOR SECOND PRIMARY	YES
A10f.	Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?
	STARTED IN THE {cancer site}       1         SPREAD THERE       2 (GO TO A15)         REFUSED       7         DON'T KNOW       8
	t age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, IT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]
	OR   _ _  AGE YEAR
	BOX A-10
	IF AGE OR YEAR WAS GIVEN IN A11, GO TO A12. ELSE CONTINUE WITH A11a.

DIAGNOSIS AGE/YEAR PROBE A

A11a. Can you give me an estimate of when you were diagnosed? [IF NEEDED: Were you.../ Was it in the 1800's or 1900's?]

		AGE RANGE	OR		YEAR RA	NGE		
IAGNOSIS AGE/YEAR PROBE A	In your of Twenties Thirties, Forties, Fifties, Sixties, Seventies Rineties	under 13,	1 1 1 1 1 1	1800's         800 to 1809       10         810's       11         820's       12         830's       13         840's       14         850's       15         860's       16         870's       17         880's       18         890's       19		1910's 1920's 1930's 1940's 1950's 1960's 1970's	<b>1900</b> 's	11 12 13 14 15 16 17
		IF A11a = 97 OR 98 (Dk IF AGE RANGE IN A11a ELSE, CONTINUE WITH	( OR RF a = 0 (U	BOX A-11 F), GO TO A11c. NDER 13) OR 10 (100 OF	R MORE),	GO TO A1	2.	
DIAGNOSIS AGE/YEAR PROBE B	A11b.	Mid {AGE RANGE/YEA	AR RAN	NGE IN A11a}, GE IN A11a}, or GE IN A11a}		2	(GO TO A1: (GO TO A1: (GO TO A1:	2)
DIAGNOSIS AGE/YEAR PROBE C	A11c.	Would you say that you older?	UNE	under 50 when you were DER AGE 50		1	cancer, or	were you 50 or

Where were you <u>living</u> when this {CANCER TYPE/SITE} was first diagnosed, that is, in what state?						
	RF	7 (GO TO A14)				
And was the doctor or medical fact A12}?	cility that made the diagnosis located in {FUL	L NAME OF PLACE GIVEN IN				
	NO	1 (GO TO A15) 2 8 (GO TO A15) 7 (GO TO A15)				
Where was the doctor of medical fa	cility that made the diagnosis located, that is, in	n what state?				
	_  STATE OTHER (SPECIFY)	91				
	And was the doctor or medical fact A12}?	STATE  DK				

A15.	[IF COMING FROM A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer
	site, but] have you ever had any other kind of cancer?

YES	1	(GO TO BOX A-12)
NO	2	(GO TO BOX A-13)
REFUSED	7	(GO TO BOX A-13)
DON'T KNOW	8	(GO TO A15a)

#### **BOX A-12**

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO A17 TO COLLECT THIRD PRIMARY CANCER

## A15a. IF R ANSWERS DK TO A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

MULTIPLE PRIMARY PROBE

To the best of your knowledge, would you say that you

## **BOX A-13**

IF R'S FIRST REPORTED CANCER IS A SKIN CANCER (A4 = 1), GO TO SECTION B. ELSE, GO TO A16.

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK A16a.

A16.	[FINISHED COLLECTING CANCER - WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE
	WITHOUT ASKING: IS FIRST REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC
	SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH
	NODES/NODES OR STOMACH?1
TATIC	

METASTATIC
PROBES
FOR FIRST
PRIMARY

YES	1	
NO	2	(SECTION B)

A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

## R'S THIRD REPORTED PRIMARY CANCER

A17.		pe of cancer did you have, or in what specific part of the body did the cancer start? [IF R SAYS MORE ONE KIND SAY: Please tell me about the next cancer.]
		CANCER TYPE/SITE:
		BOX A-14  IF A17 = RF OR DK, GO TO A18.
NOTE:	SEE INTER	/IEWER PROBING INSTRUCTIONS FOR USING A17 PROBES
BODY PART PROBE	A17a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the bod did the cancer start?]
SKIN	A17b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE
CANCER PROBE		YES       1         NO       2 (GO TO A17d)         DON'T KNOW       8 (GO TO A17d)
MELANOMA PROBE	A17c.	Was it melanoma?  YES
		NO
	A17d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:
		BOX A-15
		IF CANCER IS NON MELANOMA SKIN CANCER (A17b=1 AND A17c=2), GO TO BOX A-19
		ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (A17b=1 AND A17c=1, 7, OR 8), GO TO A18.
		FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN A17e

<u>NOTE</u>: THE INTERVIEWER WILL CODE A17e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK A17f.

<u>**DEFINITION:**</u> ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

	A17e.	FOLLOWING COMM	DE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF THE MON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, ESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]
METASTATIC PROBES FOR THIRD PRIMARY			YES
	A17f.	Did the cancer actuall body?	ly start in the {CANCER TYPE/SITE} or did it spread there from another part of the
			STARTED IN THE {cancer site}       1         SPREAD THERE       2 (GO TO A22)         REFUSED       7         DON'T KNOW       8
A18.		,	as the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]
			_  OR   _  AGE YEAR
			BOX A-16

IF AGE OR YEAR WAS GIVEN IN A18, GO TO A19. ELSE CONTINUE WITH A18a.

A18a. Can you give me an estimate of when you were diagnosed? [IF NEEDED: Were you.../ Was it in the 1800's or 1900's?]

	AGE RANGE	OR	YEAR RANGE	
DIAGNOSIS	A child under 13, 0	1800's	OR	1900's
AGE/YEAR	In your teens, 1	1800 to 180910		o 190910
PROBE A	Twenties,	1810's11		311
	Thirties,	1820's 12 1830's13		s12
	Fifties, 5	1840's14		s 13 s 14
	Sixties, 6	1850's15		s 14 s 15
	Seventies7	1860's16		s 16
	Eighties,8	1870's 17		s 17
	Nineties, or 9	1880's 18		s 18
	One hundred or more?10	1890's19		s19
	RF	97		
	DK	98		
		BOX A-17		
		2		
	IF A18a = 97 OR 98 (I	OK OR RF), GO TO A18c.		
	IF AGE RANGE IN A1	8a = 0 (UNDER 13) OR 10 (100 OF	R MORE), GO T	O A19.
	ELSE, CONTINUE WI	TH A18b.		
	A18b. Would you say that wa	as:		
DIAGNOSIS	Early {AGE RANGE/Y	'EAR RANGE IN A18a},		(GO TO A19)
AGE/YEAR	Mid {AGE RANGE/YE	AR RANGE IN A18a}, or		2 (GO TO A19)
PROBE B	Late {AGE RANGE/YI	EAR RANGE IN A18a}	3	3 (GO TO A19)
	_			
	A18c. Would you say that y	ou were under 50 when you were	diagnosed with	this cancer, or we
	older?			
DIAGNOSIS	8			
AGE/YEAR		UNDER AGE 50		1
PROBE C		AGE 50 OR OLDER		2
A19.	Where were you <u>living</u> when th	is {CANCER TYPE/SITE} was first	diagnosed, that	is, in what state?
		1 1 1		
		 STATE		
		STATE		
		DK	\$	3 (GO TO A21)
		RF		
		OTHER (SPECIFY)		
		3111ER (01 E011 1)	`	/ ·

A20.	And wa A19}?	as the doctor or medical f	acility that made the diagnosis located in {FUI	L N	AME OF PLACE GIVEN IN
			YES	2	(GO TO BOX A-18)
			DK RF		(GO TO BOX A-18) (GO TO BOX A-18)
A21.	Where	was the doctor of medical	facility that made the diagnosis located, that is,	in wl	nat state?
			_  STATE		
			OTHER (SPECIFY)	91	
			BOX A-18		
		GO TO BOX A-19			
A22.		ask any other questions al nd of cancer?	bout this cancer since it's not the original cance	r site	e, but have you ever had any
			YES	1	(GO TO A-17 TO COLLECT 3 <sup>RD</sup> CANCER)
			NOREFUSEDDON'T KNOW	7	(GO TO BOX A-19)
MULTIPLE PRIMARY	A22a.	IF R ANSWERS DK TO HERE:	O A22 BUT OFFERS ANY MEDICAL/HEALTH	i IN	FORMATION, SUMMARIZE
PROBE		To the best of your know	rledge, would you say that you		
			Did have another cancer,	1	(GO TO A17 TO COLLECT 3 <sup>RD</sup> CANCER)
			Did <u>not</u> have another cancer, or You're not sure?		
			BOX A-19		
		IF R'S FIRST REPORTE B. ELSE, GO TO A23.	D CANCER IS A SKIN CANCER (A4 = 1), GO	ro s	SECTION

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

NOTE: THE INTERVIEWER WILL CODE A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK A23a.

A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC
PROBES FOR
FIRST
PRIMARY

YES	1	
NO	2	(SECTION B)

A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

## **SECTION B (DAUGHTERS AND SONS)**

### **INTRODUCTION:**

The following questions are about your <u>blood</u> relatives including your children, brothers, sisters, nieces, nephews, parents, grandparents, aunts and uncles. Please include all living and deceased relatives, even those who died as infants. Please include only <u>biological</u> or <u>blood</u> relatives. Do <u>not</u> include step or adopted relatives.

B1.	Do you have any biological daughters?	
	YES	(GO TO B3)
B2.	What are their first names starting with the oldest? [PROBE: Any others, living or dece	eased?]
	DAUGHTER 1:	
	DAUGHTER 2:	
	DAUGHTER 3:	
	DAUGHTER 4:	
	[UP TO DAUGHTER 16]	
B3.	Do you have any biological sons?	
	YES	(GO TO BOX B-1)
B4.	What are their first names starting with the oldest? [PROBE: Any others, living or dece	eased?]
	SON 1:	
	SON 2:	
	SON 3:	
	SON 4:	
	[UP TO SON 16]	
	BOX B-1	
	IF B1 = 1 (YES) AND/OR B3 = 1(YES), CONTINUE TO B5 FOR FIRST DAUGHTER/SON LISTED IN B2/B4.	
	ELSE, GO TO SECTION C.	

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NO 2 (c DK 8 (c	GO TO B6) GO TO B7) GO TO B6) GO TO B6)
B6. How old is {she/he} or in what year was {she/he} born? [ACCEPT EITHER AGE OR	YEAR, DO NOT PROBE
FOR BOTH. RECORD BOTH IF OFFERED.]	
<u> </u>   <b>OR</b>   <u> </u>   <u> </u>	
DOV D 2	
BOX B-2  IF BOTH AGE AND YEAR IN B6 = RF OR DK, GO TO B6a. ELSE, GO TO B-A	2.
B6a. Could you estimate {her/his} age or when {she/he} was born? [IF NEEDED: {le	s (she/he) / Was it in the
1800's or 1900's?}]	o (onomo), was it in the
AGE/YOB	
PROBE A AGE RANGE OR YEAR RANGE	
A shild under 42	4000/-
A child under 13,	1900's
In {her/his} teens,	) to 1909 10
In {her/his} teens,	) to 1909 10 )'s 11
In {her/his} teens,	0 to 1909       10         0's       11         0's       12
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930	0 to 1909       10         0's       11         0's       12         0's       13
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940	0 to 1909       10         0's       11         0's       12         0's       13         0's       14
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950	0 to 1909       10         0's       11         0's       12         0's       13
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950         Seventies,       7       1860's       16       1960	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950         Seventies,       7       1860's       16       1960         Eighties,       8       1870's       17       1970	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950         Seventies,       7       1860's       16       1960         Eighties,       8       1870's       17       1970         Nineties, or       9       1880's       18       1980	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950         Seventies,       7       1860's       16       1960         Eighties,       8       1870's       17       1970         Nineties, or       9       1880's       18       1980	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950         Seventies,       7       1860's       16       1960         Eighties,       8       1870's       17       1970         Nineties, or       9       1880's       18       1980         One hundred or more?       10       1890's       19       1990	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950         Seventies,       7       1860's       16       1960         Eighties,       8       1870's       17       1970         Nineties, or       9       1880's       18       1980	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950         Seventies,       7       1860's       16       1960         Eighties,       8       1870's       17       1970         Nineties, or       9       1880's       18       1980         One hundred or more?       10       1890's       19       1990	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18         0's       19
In {her/his} teens,	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18         0's       19
In {her/his} teens,       1       1800 to 1809       10       1900         Twenties,       2       1810's       11       1910         Thirties,       3       1820's       12       1920         Forties,       4       1830's       13       1930         Fifties,       5       1840's       14       1940         Sixties,       6       1850's       15       1950         Seventies,       7       1860's       16       1960         Eighties,       8       1870's       17       1970         Nineties, or       9       1880's       18       1980         One hundred or more?       10       1890's       19       1990	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18         0's       19
In {her/his} teens,	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18         0's       19
In {her/his} teens,	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18         0's       19
In {her/his} teens,	0 to 1909       10         0's       11         0's       12         0's       13         0's       14         0's       15         0's       16         0's       17         0's       18         0's       19    RED OR GO TO B-A2)
In {her/his} teens, 1 1800 to 1809. 10 1900 Twenties, 2 1810's 11 1910 Thirties, 3 1820's 12 1920 Forties, 4 1830's 13 1930 Fifties, 5 1840's 14 1940 Sixties, 6 1850's 15 1950 Seventies, 7 1860's 16 1960 Eighties, 8 1870's 17 1970 Nineties, or 9 1880's 18 1980 One hundred or more? 10 1890's 19 1990  BOX B-3  IF B6a = RF OR DK OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDER MORE), GO TO B-A2. ELSE, CONTINUE WITH B6b.	O to 1909       10         O's       11         O's       12         O's       13         O's       14         O's       15         O's       16         O's       17         O's       18         O's       19    RED OR GO TO B-A2) GO TO B-A2)

## FOR DECEASED SON/DAUGHTER:

B7. In what year was {she/he} born?

|\_\_|\_|\_| YEAR

BOX B-4

IF YEAR IS PROVIDED IN B7, GO TO B8. ELSE, CONTINUE WITH B7a.

B7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?]

YOB PROBE A

### **YEAR RANGE**

1800's		OR	1900's	
1800 to 1809	10		1900 to 1909	10
1810's	11		1910's	11
1820's	12		1920's	12
1830's	13		1930's	13
1840's	14		1940's	14
1850's	15		1950's	15
1860's	16		1960's	16
1870's	17		1970's	17
1880's	18		1980's	18
1890's	19		1990's	19

BOX B-5

IF B7a = RF OR DK, GO TO B8. ELSE, CONTINUE WITH B7b.

B7b. Would you say that was:

YOB PROBE B 

 Early {YEAR RANGE IN B7a}
 1 (GO TO B8)

 Mid {YEAR RANGE IN B7a} or
 2 (GO TO B8)

 Late {/YEAR RANGE IN B7a}
 3 (GO TO B8)

B8. At what age or in what year did your {daughter/son} {First name} die? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

|\_\_\_|\_\_| AGE OR

\_\_\_|\_\_|\_\_ YFAR

BOX B-6

IF AGE OR YEAR IS PROVIDED IN B8, GO TO B-A2. ELSE, CONTINUE WITH B8a.

B8a. Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

AGE/YOD PROBE A

AGE RANGE	OR	R YEAR RANGE			
A child under 13,	0	1800's	OR	1900's	
In {her/his} teens,	1	1800 to 1809	10	1900 to 1909	10
Twenties,	2	1810's	11	1910's	11
Thirties,	3	1820's	12	1920's	12
Forties,	4	1830's	13	1930's	13
Fifties,	5	1840's	14	1940's	14
Sixties,	6	1850's	15	1950's	15
Seventies,	7	1860's	16	1960's	16
Eighties,	8	1870's	17	1970's	17
Nineties, or	9	1880's	18	1980's	18
One hundred or more?	10	1890's	19	1990's	19

## BOX B-7

IF B8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO B-A2. ELSE, CONTINUE WITH B8b.

AGE/YOD PROBE B B8b. Would you say that was:

Early {AGE /YEAR RANGE IN B8a},	1
Mid {AGE YEAR RANGE IN B8a}, or	2
Late {AGE /YEAR RANGE IN B8a}?	3

## **CANCER QUESTIONS**

NOTE: T	HERE IS NO	QUESTION B-A1			
B-A2.	{Did/Has	s} {he/she} ever {have/had}	cancer?		
			YES NO REFUSED DON'T KNOW	2 7	(GO TO B-A4) (GO TO BOX B-A-1) (GO TO BOX B-A-1) (GO TO B-A2a)
CANCER STATUS PROBE	B-A2a.	IF R ANSWERS DK TO HERE:	B-A2 BUT OFFERS ANY MEDICAL/HEALTH	INF	FORMATION, SUMMARIZE
		To the best of your knowled	edge, would you say that {he/she}:		
			Did have cancer,  Did not have cancer, or  You're not sure?  REFUSED  DON'T KNOW	2	(GO TO B-A4)

BOX B-A-1

GO TO B5 FOR NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER, GO TO SECTION C

## SON/DAUGHTER'S FIRST REPORTED PRIMARY CANCER

NOTE:	THERE IS NO	QUESTION B-A3.			
B-A4.	-		have, or in what specific part of the body did ease tell me about the first cancer.]	I the cancer sta	art? [IF R SAYS
		CANCER TYPE/SITE:			
NOTE:	THERE IS NO	) BOX B-A-2 OR B-A-3			
			BOX B-A-4		
		IF B-A4 = RF OR DK, GO	TO B-A5.		
<u>NOTE</u> :	SEE INTERV	IEWER PROBING INSTRUCTION	IS FOR USING B-A4 PROBES		
BODY PART PROBE	B-A4a.	[IF CANCER TYPE/SITE did the cancer start?]	NOT A RECOGNIZABLE BODY PART, SAY:	Specifically, when the second	nere in the body
PROBL					
SKIN CANCER	B-A4b.	[IF CANCER ON EXTER WITHOUT ASKING]	RNAL BODY PART, OR IF NEEDED, ASK: Wa	as it skin cance	er? ELSE CODE
PROBE			YES NO DON'T KNOW	2 (GO TO B-	•
MELANOMA PROBE	B-A4c.	Was it melanoma?			
	]		YES		
			REFUSED DON'T KNOW		
	B-A4d.	INTERVIEWER: SUMMA	RIZE TYPE/SITE OF CANCER:		
			BOX B-A-5		
		IF CANCER IS A NON ME (NO)), GO TO B-A9	ELANOMA SKIN CANCER (B-A4b = 1 (YES) <u>AN</u>	ND B-A4c = 2	

B-A5.		age or in what year v				-		
			_ AGE	_  OR		 YEAR		
				BOX B-A-6				
		IF AGE OR YEAR W A5a.	'AS GIVEN IN	B-A5, GO TO B	3-A9. ELS	E CONTINUE WI	TH B-	
DIAGNOSIS AGE/YEAR	B-A5a.	Can you give me an the 1800's or 1900's		hen {he/she} wa	as diagnos	sed? [IF NEEDEI	D: Was {he/s	she}/ Was it in
PROBE A		AGE RANGE	OR		YE	AR RANGE		
		under 13, 0	400/	1800's	40	OR 4000 to 40	1900's	40
	-	ner} teens, 1		O to 1809	-		909	
		s, 2		O's				
		,3		Ͻ's				
		4		0's 0's				
		5		J's J's				
		6 es,7		J's J's				
				J's J's				
		s,8		ງ ຣ ງ'ຣ				
		s, or 9 ndred or more?10		)'s )'s				
				<i>J</i> 3	19	1990 3		19
	DK		98					
				BOX B-A-7				
		IF AGE RANGE IN E	B-A5a = 0  (UND)	DER 13) OR 10	(100 OR	MORE). GO TO F	B-A9.	
		IF B-A5a = 97 OR 98	•	•	•	•		
	L							
DIAGNOSIS	B-A5b.	Would you say that	was:					
AGE/YEAR		Early {AGE RANGE	YEAR RANGE	IN R-A5al		1	(GO TO B-	Δ9)
PROBE B		Mid {AGE RANGE/Y					•	•
		Late {AGE RANGE/						
DIAGNOSIS	B-A5c.	Would you say that 50 or older?	{he/she} was u	under 50 when	you were	diagnosed with	this cancer,	or was {he/she}
AGE/YEAR								
PROBE C				R AGE 50				
			AGE 50	OR OLDER		2		

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NOTE: THERE ARE NO QUESTIONS B-A6, B-A7, OR B-A8

B-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO B-A10)
NO	2	(GO TO BOX B-A-7A)
REFUSED	7	(GO TO BOX B-A-7A)
DON'T KNOW	8	(GO TO B-A9a)

B-A9a. IF R ANSWERS DK TO B-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE: \_\_\_\_\_

MULTIPLE PRIMARY PROBE

To the best of your knowledge, would you say that {he/she}

Did have another cancer,1 (GO TO B-A10)Did not have another cancer, or2 (GO TO BOX B-A-7A)You're not sure?3 (GO TO BOX B-A-7A)

### BOX B-A-7A

GO TO B5 FOR NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER, GO TO SECTION C.

## SON/DAUGHTER'S SECOND REPORTED PRIMARY CANCER

B-A10	-	-	e} have, or in what specific part of the body did lease tell me about the next cancer.]	the cancer start? [IF R SAYS
		CANCER TYPE/SITE:		
		IF B-A10 = RF OR DK, G	BOX B-A-8 GO TO B-A11.	
<u>NOTE</u> :	SEE INTERV	IEWER PROBING INSTRUCTIO	INS FOR USING B-A10 PROBES	
BODY PART PROBE	B-A10a	. [IF CANCER TYPE/SITE did the cancer start?]	E NOT A RECOGNIZABLE BODY PART, SAY:	Specifically, where in the body
SKIN CANCER PROBE	B-A10b	. [IF CANCER ON EXTE WITHOUT ASKING]	RNAL BODY PART, OR IF NEEDED, ASK: Wa YES NO DON'T KNOW	1 2 (GO TO B-A10d)
MELANOMA PROBE	B-A10c	. Was it melanoma?	YES NOREFUSEDDON'T KNOW	2 7
	B-A10d.	INTERVIEWER: SUMMA	ARIZE TYPE/SITE OF THE CANCER:	
		B-A15 ELSE IF CANCER IS ME	BOX B-A-9  LANOMA SKIN CANCER (B-A10b=1 <u>AND</u> B-A10  ELANOMA SKIN CANCER OR UNKNOWN TYPE	
		B-A15 ELSE IF CANCER IS ME		

FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN B-A10e

NOTE: THE INTERVIEWER WILL CODE B-A100 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK B-A10f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

B-A10e. [INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

YES	1	
NO	2	(GO TO B-A11)

B-A10f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1	
SPREAD THERE	2	(GO TO B-A15
REFUSED	7	
DON'T KNOW	8	

B-A11. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

BOX B-A-10

IF AGE OR YEAR WAS GIVEN IN B-A11, GO TO B-A15. ELSE CONTINUE WITH B-A11a.

DIAGNOSIS AGE/YEAR PROBE A

B-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR		YEAR R	ANGE
A child under 13, 0		1800's	OR	1900's
In {his/her} teens, 1		1800 to 180910		1900 to 190910
Twenties, 2		1810's11		1910's11
Thirties,3		1820's12		1920's 12
Forties, 4		1830's13		1930's13
Fifties, 5		1840's14		1940's14
Sixties, 6		1850's15		1950's15
Seventies,7		1860's16		1960's16
Eighties,8		1870's17		1970's 17
Nineties, or 9		1880's18		1980's18
One hundred or more?10		1890's19		1990's 19
RF		. 97		
DK		. 98		
		BOX B-A-11		

IF AGE RANGE IN B-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO B-A15.

B-A11b. Would you say that was:

ELSE, CONTINUE WITH B-A11b.

DIAGNOSIS AGE/YEAR	Early {AGE RANGE/YEAR RANGE IN B-A11a},	
PROBE B	Late {AGE RANGE/YEAR RANGE IN B-A11a}	,

B-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS		
AGE/YEAR	UNDER AGE 50	1
PROBE C	AGE 50 OR OLDER	2

IF B-A11a = 97 OR 98 (DK OR RF), GO TO B-A11c.

NOTE: THERE ARE NO QUESTIONS B-A12, B-A13, OR B-A14.

B-A15. [IF COMING FROM B-A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX B-A-12)
NO	2	(GO TO BOX B-A-13)
REFUSED	7	(GO TO BOX B-A-13)
DON'T KNOW	8	(GO TO B-A15a)

#### **BOX B-A-12**

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO B-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO B-A17 TO COLLECT THIRD PRIMARY CANCER

MULTIPLE PRIMARY PROBE B-A15a. IF R ANSWERS DK TO B-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

#### **BOX B-A-13**

IF FIRST REPORTED CANCER IS A SKIN CANCER (B-A4b = 1), GO TO NEXT SON/DAUGHTER. ELSE, GO TO B-A16.

IF NO MORE SON/DAUGHTER GO TO SECTION C.

#### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE B-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK B-A16a.

B-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

YES	1	
NO	2	(GO TO BOX B-A-13A)

B-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

METASTATIC PROBES FOR FIRST PRIMARY

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

### BOX B-A-13A

GO TO B5 FOR NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER, GO TO SECTION C.

## DAUGHTER'S/SON'S THIRD REPORTED PRIMARY CANCER

B-A17	-	ype of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS THAN ONE KIND SAY: Please tell me about the next cancer.]
		CANCER TYPE/SITE:
		BOX B-A-14
		IF B-A17 = RF OR DK, GO TO B-A18.
<u>NOTE</u> :	SEE INTERV	/IEWER PROBING INSTRUCTIONS FOR USING B-A17 PROBES
BODY PART PROBE	B-A17a	I. [IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]
SKIN CANCER	B-A17b	. [IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]
PROBE		YES
MELANOMA	B-A17c	. Was it melanoma?
PROBE		YES 1
		NO
		REFUSED
	B-A17d	I. INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:
		BOX B-A-15
		IF CANCER IS NON MELANOMA SKIN CANCER (B-A17b=1 AND B-A17c=2), GO TO BOX B-A-19
		ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (B-A17b=1 AND B-A17c=1, 7, OR 8), GO TO B-A18.

FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN B-A17e.

NOTE: THE INTERVIEWER WILL CODE B-A176 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK B-A17f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

B-A17e. [INTERVIEWER CODE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC
PROBES
FOR THIRD
PRIMARY

YES	1	
NO	2	(GO TO B-A18)

B-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1
SPREAD THERE	2 (GO TO B-A22)
REFUSED	7
DON'T KNOW	8

B-A18. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

**BOX B-A-16** 

IF AGE OR YEAR WAS GIVEN IN B-A18, GO TO BOX B-A-19. ELSE CONTINUE WITH B-A18a.

B-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### **AGE RANGE** OR YEAR RANGE 1800's 1900's OR A child under 13,..... 0 In {his/her} teens,........... 1 1800 to 1809.....10 1900 to 1909...... 10 1810's .....11 1910's ..... 11 Thirties,......3 1820's ......12 1920's ...... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ..... 5 1840's .....14 1940's ..... 14 1850's ......15 Sixties, ...... 6 1950's ...... 15 1960's ...... 16 1860's ......16 Eighties, .....8 1870's ......17 1970's ...... 17 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97 DK .......98

#### **BOX B-A-17**

IF B-A18a = 97 OR 98 (DK OR RF), GO TO B-A18c. IF AGE RANGE IN B-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX B-A-19.

ELSE, CONTINUE WITH B-A18b.

B-A18b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR

PROBE A

Early {AGE RANGE/YEAR RANGE IN B-A18a},	1	(GO TO BOX B-A-19)
Mid {AGE RANGE/YEAR RANGE IN B-A18a}, or	2	(GO TO BOX B-A-19)
Late {AGE RANGE/YEAR RANGE IN B-A18a}	3	(GO TO BOX B-A-19)

B-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C

UNDER AGE 50	1	(GO TO BOX B-A-19)
AGE 50 OR OLDER	2	(GO TO BOX B-A-19)

NOTE: THERE ARE NO QUESTIONS B-A19, B-A20, OR B-A21 AND NO BOX B-A-18.

B-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO B-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER)
NO	2	(GO TO BOX B-A-19)
REFUSED	7	(GO TO BOX B-A-19)
DON'T KNOW	8	(GO TO B-A22a)

B-A22a. IF R ANSWERS DK TO B-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO B-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

### **BOX B-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (B-A4b = 1), GO TO B5 FOR NEXT SON/DAUGHTER. ELSE, GO TO B-A23.

IF NO MORE SON/DAUGHTER GO TO SECTION C.

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE B-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK B-A23a.

B-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC
PROBES FOR
FIRST
PRIMARY

YES	1	
NO	2	(GO TO BOX B-A-20)

B-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

BOX B-A-20

GO TO B5 FOR NEXT SON/DAUGHTER. IF NO MORE/ SON DAUGHTER, GO TO SECTION C.

## SECTION C (FULL SISTERS AND BROTHERS)

## INTRODUCTION:

Now	I am going to ask	you about	your full sisters and brothers,	who have the same biolog	gical mother and father as	you.
-----	-------------------	-----------	---------------------------------	--------------------------	----------------------------	------

INOW I	am going to ask you about your full sisters and brothers, who have the same biol	ogical mother and father as
C1.	Do you have any full sisters?	
	YES	
C2.	What are their first names starting with the oldest? [PROBE: Any others, living	or deceased?]
	SISTER 1:	_
	SISTER 2:	_
	SISTER 3:	_
	SISTER 4:	_
	[UP TO SISTER 16]	
C3.	Do you have any full brothers?	
	YES	
C4.	What are their first names starting with the oldest? [PROBE: Any others, living	or deceased?]
	BROTHER 1:	_
	BROTHER 2:	_
	BROTHER 3:	_
	BROTHER 4:	_
	[UP TO BROTHER 16]	
	BOX C-1	
	IF C1 = 1 (YES) AND/OR C3 = 1(YES), CONTINUE TO C5 FOR FIRST SISTER/BROTHER LISTED IN C2/C4.	ST
	ELSE, GO TO SECTION F.	

C5.	ls ۱	your -	(sister/brother)	} {	(FIRST	NAME	alive?
-----	------	--------	------------------	-----	--------	------	--------

YES	1	(GO TO C6)
NO	2	(GO TO C7)
DK	8	(GO TO C6)
RF	7	(GO TO C6)

# FOR LIVING SISTER/BROTHER:

C6. How old is {she/he} or in what year was {she/he} born? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

	OR	_
AGE		YEAR

BOX C-2

IF BOTH AGE AND YEAR IN C6 = RF OR DK, GO TO C6a. ELSE, GO TO C-A2.

C6a. Could you estimate {her/his} age or when {she/he} was born? [IF NEEDED: {Is (she/he).../ Was it in the 1800's or 1900's?}]

AGE/YOB PROBE A

AGE RANGE OR YEAR RANGE

A child under 13,	0	1800's		OR	1900's	
In {her/his} teens,	1	1800 to 1809	10		1900 to 1909	10
Twenties,	2	1810's	11		1910's	11
Thirties,	3	1820's	12		1920's	12
Forties,	4	1830's	13		1930's	13
Fifties,	5	1840's	14		1940's	14
Sixties,	6	1850's	15		1950's	15
Seventies,	7	1860's	16		1960's	16
Eighties,	8	1870's	17		1970's	17
Nineties, or	9	1880's	18		1980's	18
One hundred or more?	10	1890's	19		1990's	19

BOX C-3

IF C6a = RF OR DK OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO C-A2. ELSE, CONTINUE WITH C6b.

C6b. Would you say that was:

# FOR DECEASED BROTHER/SISTER:

C7.	In what	year was ·	(she/he	born?
-----	---------	------------	---------	-------

BOX C-4

IF YEAR IS PROVIDED IN C7, GO TO C8. ELSE, CONTINUE WITH C7a.

C7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?]

YEAR RANGE

YOB PROBE A

1800's		OR	1900's	
1800 to 1809	10		1900 to 1909	10
1810's	11		1910's	11
1820's	12		1920's	12
1830's	13		1930's	13
1840's	14		1940's	14
1850's	15		1950's	15
1860's	16		1960's	16
1870's	17		1970's	17

BOX C-5

IF C7a = RF OR DK, GO TO C8. ELSE, CONTINUE WITH C7b.

1880's...... 18

C7b. Would you say that was:

YOB PROBE B

Early {YEAR RANGE IN C7a}	1	(GO TO C8)
Mid {YEAR RANGE IN C7a} or	2	(GO TO C8)
Late {/YEAR RANGE IN C7a}	3	(GO TO C8)

1980's ...... 18

1990's ...... 19

C8. At what age or in what year did your {sister/brother} {FIRST NAME} die? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

|\_\_|\_ | OR |\_\_|\_\_|\_ AGE YEAR

BOX C-6

IF AGE OR YEAR IS PROVIDED IN C8, GO TO C-A2. ELSE, CONTINUE WITH C8a.

AGE/YOD PROBE A C8a. Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

AGE RANGE	OR		YEAR RAN	GE
A child under 13,	0	1800's	OR	1900's
In {her/his} teens,	1	1800 to 1809	10	1900 to 1909 10
Twenties,	2	1810's	11	1910's 11
Thirties,	3	1820's	12	1920's 12
Forties,	4	1830's	13	1930's 13
Fifties,	5	1840's	14	1940's 14
Sixties,	6	1850's	15	1950's 15
Seventies,	7	1860's	16	1960's 16
Eighties,	8	1870's	17	1970's 17
Nineties, or	9	1880's	18	1980's 18
One hundred or more? 1	10	1890's	19	1990's 19

# BOX C-7

IF C8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO C-A2. ELSE, CONTINUE WITH C8b.

AGE/YOD PROBE B C8b. Would you say that was:

Early {AGE /YEAR RANGE IN C8A},	1
Mid {AGE YEAR RANGE IN C8A}, or	2
Late {AGE /YEAR RANGE IN C8A}?	3

# **CANCER QUESTIONS**

<u>NOTE</u> : T	HERE IS NO	QUESTION C-A1			
C-A2.	{Did/Ha	s} {he/she} ever {have/ha	ad} cancer? YES NO REFUSED DON'T KNOW	2 7	(GO TO C-A4) (GO TO BOX C-A-1) (GO TO BOX C-A-1) (GO TO C-A2a)
CANCER STATUS PROBE	C-A2a.		O C-A2 BUT OFFERS ANY MEDICAL/HEALTH	INI	FORMATION, SUMMARIZE
		To the best of your kno	wledge, would you say that {he/she}:  Did have cancer,  Did <u>not</u> have cancer, or  You're not sure?  REFUSED  DON'T KNOW	2 3	(GO TO C-A4)

# BOX C-A-1

GO TO C5 FOR NEXT BROTHER/SISTER.

IF NO MORE BROTHER/SISTER, AND R REPORTED ONE OR MORE SISTERS (C1=1) GO TO SECTION D. ELSE IF R HAS NO SISTERS, BUT REPORTED ONE OR MORE BROTHERS (D3=1), GO TO SECTION E. ELSE IF R HAS NO SISTERS OR BROTHERS GO TO SECTION F.

# **BROTHER/SISTER'S FIRST REPORTED PRIMARY CANCER**

<u>NOTE</u> :	THERE IS NO	QUESTION C-A3.
C-A4.	-	pe of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS THAN ONE KIND SAY: Please tell me about the first cancer.]
		CANCER TYPE/SITE:
<u>NOTE</u> :	THERE IS NO	BOX C-A-2 OR C-A-3
		BOX C-A-4
		IF C-A4 = RF OR DK, GO TO C-A5.
	L	
NOTE:	SEE INTERV	EWER PROBING INSTRUCTIONS FOR USING C-A4 PROBES
BODY PART PROBE	C-A4a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]
SKIN CANCER PROBE	C-A4b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]  YES
MELANOMA PROBE	C-A4c.	YES       1         NO       2         REFUSED       7         DON'T KNOW       8
	C-A4d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF CANCER:
		BOX C-A-5
		IF CANCER IS A NON MELANOMA SKIN CANCER (C-A4b = 1 (YES) <u>AND</u> C-A4c = 2 (NO)), GO TO C-A9

	DO NO	T PROBE FOR BOTH. F	RECORD BOTH, IF	OFFERED. IF F	R CAN ONLY GIVE	E A RANGE, E	NTER DK]
			 AGE	OR	_    YEAR		
		IF AGE OR YEAR WAS A5a.		C-A-6 GO TO C-A9. EL	SE CONTINUE W	ITH C-	
DIAGNOSIS AGE/YEAR PROBE A	C-A5a.	Can you give me an esthe 1800's or 1900's?]  AGE RANGE	stimate of when {he,		osed? [IF NEEDE	D: Was {he/sh	ne}/ Was it in
_							
	In {his/h Twenties Thirties Forties, Fifties, Sixties, Seventi Eighties One hu	under 13,	1800 to 180 1810's 1820's 1830's 1840's 1850's 1860's 1870's 1890's 97	•	1910's 1920's 1930's 1940's 1950's 1970's 1980's 1990's		11 12 13 14 15 16 17
DIAGNOSIS AGE/YEAR PROBE B	C-A5b.	Would you say that wa Early {AGE RANGE/YE Mid {AGE RANGE/YE Late {AGE RANGE/YE	EAR RANGE IN C-A AR RANGE IN C-A5	A}, or	2	(GO TO C-A	.9)
DIAGNOSIS AGE/YEAR PROBE C	C-A5c.	Would you say that {he 50 or older?		0	1	this cancer, c	or was {he/she}

C-A5. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR,

NOTE: THERE ARE NO QUESTIONS C-A6, C-A7, OR C-A8

C-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO C-A10)
NO	2	(GO TO BOX C-A-7A)
REFUSED	7	(GO TO BOX C-A-7A)
DON'T KNOW	8	(GO TO C-A9a)

C-A9a. IF R ANSWERS DK TO C-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE: \_\_\_\_\_

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE 

### BOX C-A-7A

GO TO C5 FOR NEXT BROTHER/SISTER.

IF NO MORE BROTHER/SISTER, AND R REPORTED ONE OR MORE SISTERS (C1=1) GO TO SECTION D. ELSE IF R HAS NO SISTERS, BUT REPORTED ONE OR MORE BROTHERS (D3=1), GO TO SECTION E. ELSE IF R HAS NO SISTERS OR BROTHERS GO TO SECTION F.

# BROTHER/SISTER'S SECOND REPORTED PRIMARY CANCER

C-A10.	:-A10. What type of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF MORE THAN ONE KIND SAY: Please tell me about the next cancer.]				
	CANCER TYPE/SITE:				
	DOY O A O				
	BOX C-A-8				
	IF C-A10 = RF OR DK, GO TO C-A11.				
<u>NOTE</u> : S	EE INTERVIEWER PROBING INSTRUCTIONS FOR USING C-A10 PROBES				
BODY PART PROBE	C-A10a. [IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]				
SKIN CANCER	C-A10b. [IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]				
PROBE	YES				
	C-A10c. Was it melanoma?				
MELANOMA PROBE	YES				
	DON'T KNOW 8				
	C-A10d. INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:				
	DOY O. A. O.				
	BOX C-A-9				
	IF CANCER IS NON MELANOMA SKIN CANCER (C-A10b=1 <u>AND</u> C-A10c=2), GO TO C-A15				
	ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (C-A10b=1 AND C-A10c=1, 7, OR 8), GO TO C-A11.				
	FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN C-A10e				

<u>NOTE</u>: THE INTERVIEWER WILL CODE C-A10e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK C-A10f.

<u>**DEFINITION**</u>: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

METASTATIC PROBES FOR SECOND PRIMARY	C-A10e. [INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]  YES
	C-A10f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?
	STARTED IN THE {cancer site}       1         SPREAD THERE       2 (GO TO C-A15)         REFUSED       7         DON'T KNOW       8
C-A11.	At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]
	OR     AGE YEAR

BOX C-A-10

IF AGE OR YEAR WAS GIVEN IN C-A11, GO TO C-A15. ELSE CONTINUE WITH C-A11a.

C-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### **AGE RANGE** OR YEAR RANGE 1800's 1900's OR A child under 13,..... 0 1800 to 1809.....10 1900 to 1909......10 Twenties,..... 2 1810's .....11 1910's ..... 11 Thirties,.....3 1820's ......12 1920's ...... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ..... 5 1840's .....14 1940's ..... 14 1850's ......15 Sixties, ...... 6 1950's ...... 15 1960's ...... 16 1860's ......16 Eighties, .....8 1870's ......17 1970's ...... 17 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97 DK .......98

### BOX C-A-11

IF C-A11a = 97 OR 98 (DK OR RF), GO TO C-A11c. IF AGE RANGE IN C-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO C-A15. ELSE, CONTINUE WITH C-A11b.

# C-A11b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR

PROBE A

Early {AGE RANGE/YEAR RANGE IN C-A11a},	1	(GO TO C-A15)
Mid {AGE RANGE/YEAR RANGE IN C-A11a}, or	2	(GO TO C-A15)
Late {AGE RANGE/YEAR RANGE IN C-A11a}	3	(GO TO C-A15)

C-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS	LINDED ACE FO	4
AGE/YEAR	UNDER AGE 50	1
PROBE C	AGE 50 OR OLDER	2
INODE		

NOTE: THERE ARE NO QUESTIONS C-A12, C-A13, OR C-A14.

C-A15. [IF COMING FROM C-A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX C-A-12)
NO	2	(GO TO BOX C-A-13)
REFUSED	7	(GO TO BOX C-A-13)
DON'T KNOW	8	(GO TO C-A15a)

#### BOX C-A-12

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO C-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO C-A17 TO COLLECT THIRD PRIMARY CANCER

C-A15a. IF R ANSWERS DK TO C-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO BOX C-A-12)
Did <u>not</u> have another cancer, or	2	
You're not sure?	3	

#### BOX C-A-13

IF FIRST REPORTED CANCER IS A SKIN CANCER (C-A4b = 1), GO TO NEXT BROTHER/SISTER. ELSE, GO TO C-A16.

IF NO MORE BROTHER/SISTER, AND R REPORTED ONE OR MORE SISTERS (C1=1) GO TO SECTION D. ELSE IF R HAS NO SISTERS, BUT REPORTED ONE OR MORE BROTHERS (D3=1), GO TO SECTION E. ELSE IF R HAS NO SISTERS OR BROTHERS GO TO SECTION F.

# METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE C-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK C-A16a.

C-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

YES	1	
NO	2	(GO TO BOX C-A-13A)

METASTATIC PROBES FOR FIRST PRIMARY C-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX C-A-13A

GO TO C5 FOR NEXT BROTHER/SISTER.

IF NO MORE BROTHER/SISTER, AND R REPORTED ONE OR MORE SISTERS (C1=1) GO TO SECTION D. ELSE IF R HAS NO SISTERS, BUT REPORTED ONE OR MORE BROTHERS (D3=1), GO TO SECTION E. ELSE IF R HAS NO SISTERS OR BROTHERS GO TO SECTION F.

# SISTER'S/BROTHER'S THIRD REPORTED PRIMARY CANCER

C-A17.		•	} have, or in what specific part of the body did ease tell me about the next cancer.]	the cancer start	P [IF R SAYS
		CANCER TYPE/SITE: _			
			BOX C-A-14		
		IF C-A17 = RF OR DK, G	O TO C-A18.		
<b>NOTE</b> : S	EE INTER\	/IEWER PROBING INSTRUCTION	NS FOR USING C-A17 PROBES		
BODY PART PROBE	C-A17a	a. [IF CANCER TYPE/SITE did the cancer start?]	E NOT A RECOGNIZABLE BODY PART, SAY:	Specifically, when	e in the body
CIVINI	C-A17b	o. [IF CANCER ON EXTER	RNAL BODY PART, OR IF NEEDED, ASK: Wa	as it skin cancer?	ELSE CODE
SKIN CANCER PROBE		WITHOUT ASKING]	YES NO DON'T KNOW	2 (GO TO C-A1	•
MELANOMA PROBE	C-A17c	c. Was it melanoma?	YES	1 2	, ruj
	C-A17c	I. INTERVIEWER: SUMMA	DON'T KNOW	8	
			BOX C-A-15		
		IF CANCER IS NON MEL BOX C-A-19	_ANOMA SKIN CANCER (C-A17b=1 <u>AND</u> C-A17	7c=2), GO TO	
			LANOMA SKIN CANCER OR UNKNOWN TYPE D C-A17c=1, 7, OR 8), GO TO C-A18.	OF SKIN	

FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN C-A17e.

<u>NOTE</u>: THE INTERVIEWER WILL CODE C-A17e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK C-A17f.

<u>**DEFINITION**</u>: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND,	BONE, BRAIN,
YES 1	
NO 2 (GO TO C	-A18)
C-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from ar body?	nother part of the
OTABLED IN THE (segregation)	
	A 2 2 \
·	·A22)
DON'T KNOW 8	
8. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE,	
R	C-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from an body?  STARTED IN THE {cancer site}

BOX C-A-16

OR

YEAR

IF AGE OR YEAR WAS GIVEN IN C-A18, GO TO BOX C-A-19. ELSE CONTINUE WITH C-A18a.

AGE

C-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR	YEAR RANGE			
A child under 13, 0		1800's	OR	1900's	
In {his/her} teens, 1	1800 to 18	809 10	1900	) to 190910	
Twenties, 2	1810's	11	1910	)'s 11	
Thirties,3	1820's	12	1920	)'s 12	
Forties, 4	1830's	13	1930	)'s13	
Fifties, 5	1840's	14	1940	)'s14	
Sixties, 6	1850's	15	1950	)'s 15	
Seventies,7	1860's	16	1960	)'s 16	
Eighties,8	1870's	17	1970	)'s 17	
Nineties, or 9	1880's	18	1980	)'s18	
One hundred or more?10	1890's	19	1990	)'s 19	
RF	97				
DK	98				

### BOX C-A-17

IF C-A18a = 97 OR 98 (DK OR RF), GO TO C-A18c. IF AGE RANGE IN C-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX C-A-19.

ELSE, CONTINUE WITH C-A18b.

C-A18b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

DIAGNOSIS

AGE/YEAR PROBE A

Early {AGE RANGE/YEAR RANGE IN C-A18a},	1	(GO TO BOX C-A-19)
Mid {AGE RANGE/YEAR RANGE IN C-A18a}, or	2	(GO TO BOX C-A-19)
Late (AGE RANGE/YEAR RANGE IN C-A18a)	3	(GO TO BOX C-A-19)

C-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C

UNDER AGE 50	1	(GO TO BOX C-A-19)
AGE 50 OR OLDER	2	(GO TO BOX C-A-19)

NOTE: THERE ARE NO QUESTIONS C-A19, C-A20, OR C-A21 AND NO BOX C-A-18.

C-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO C-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER)
NO	2	(GO TO BOX C-A-19)
REFUSED	7	(GO TO BOX C-A-19)
DON'T KNOW	8	(GO TO C-A22a)

C-A22a. IF R ANSWERS DK TO C-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO C-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

### **BOX C-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (C-A4b = 1), GO TO C5 FOR NEXT BROTHER/SISTER. ELSE, GO TO C-A23.

IF NO MORE BROTHER/SISTER, AND R REPORTED ONE OR MORE SISTERS (C1=1) GO TO SECTION D. ELSE IF R HAS NO SISTERS, BUT REPORTED ONE OR MORE BROTHERS (D3=1), GO TO SECTION E. ELSE IF R HAS NO SISTERS OR BROTHERS GO TO SECTION F.

# METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE C-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK C-A23a.

C-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX C-A-20)

C-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX C-A-20

GO TO C5 FOR NEXT BROTHER/SISTER.

IF NO MORE BROTHER/SISTER, AND R REPORTED ONE OR MORE SISTERS (C1=1) GO TO SECTION D. ELSE IF R HAS NO SISTERS, BUT REPORTED ONE OR MORE BROTHERS (D3=1), GO TO SECTION E. ELSE IF R HAS NO SISTERS OR BROTHERS GO TO SECTION F.

# SECTION D (SISTER'S DAUGHTERS AND SONS)

# INTRODUCTION:

Now I w	would like to ask you about the biological children of your full sisters, that	at is, your nieces	and nephews.
D1.	Does your sister (SISTER'S FIRST NAME) have any biological daugh	hters?	
	YES NO		
D2.	What are their first names starting with the oldest? [PROBE: Any other	ers, living or dec	eased?]
	SISTER'S DAUGHTER 1:		
	SISTER'S DAUGHTER 2:		
	SISTER'S DAUGHTER 3:		
	SISTER'S DAUGHTER 4:		
	[UP TO SISTER'S DAUGHTER 16]		
D3.	Do your sister (SISTER'S FIRST NAME) have any biological sons?		
	YES NO		
D4.	What are their first names starting with the oldest? [PROBE: Any other	ers, living or dec	eased?]
	SISTER'S SON 1:		
	SISTER'S SON 2:		
	SISTER'S SON 3:		
	SISTER'S SON 4:		
	[UP TO SISTER'S SON 16]		

#### BOX D-1

IF D1 = 1 (YES) AND/OR D3 = 1(YES), CONTINUE TO D5 FOR THIS SISTER'S FIRST DAUGHTER/SON LISTED IN D2/D4.

ELSE, IF THIS SISTER HAS NO DAUGHTERS (D1=2, 7,8) OR SONS (D3=2, 7,8) GO TO D1 TO ASK ABOUT NEXT SISTER'S DAUGHTERS/ SONS.

ELSE, IF THERE ARE NO MORE SISTERS, AND R <u>DOES</u> HAVE BROTHERS GO TO SECTION E. ELSE IF THERE ARE NO MORE SISTERS AND R <u>DOES NOT</u> HAVE ANY BROTHERS, GO TO SECTION F.

D5. Is your {sister's daughter/sister's son} {FIRST NAME} alive?

YES	1	(GO TO D6)
NO	2	(GO TO D7)
DK	8	(GO TO D6)
RF	7	(GO TO D6)

### FOR LIVING SISTER'S DAUGHTER/SISTER'S SON:

AGE RANGE

D6. How old is {she/he} or in what year was {she/he} born? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

_	OR	
AGE		YEAR

BOX D-2

IF BOTH AGE AND YEAR IN D6 = RF OR DK, GO TO D6a. ELSE, GO TO D-A2.

OR

D6a.

Could you estimate {her/his} age or when {she/he} was born? [IF NEEDED: {Is (she/he).../ Was it in the 1800's or 1900's?}]

YEAR RANGE

AGE/YOB PROBE A

A child under 13,	0	1800's		OR	1900's	
In {her/his} teens,	1	1800 to 1809	10		1900 to 1909	10
Twenties,	2	1810's	11		1910's	11
Thirties,	3	1820's	12		1920's	12
Forties,	4	1830's	13		1930's	13
Fifties,	5	1840's	14		1940's	14
Sixties,	6	1850's	15		1950's	15
Seventies,	7	1860's	16		1960's	16
Eighties,	8	1870's	17		1970's	17
Nineties, or	9	1880's	18		1980's	18
One hundred or more?	10	1890's	19		1990's	19

#### BOX D-3

IF D6a = RF OR DK OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO D-A2. ELSE, CONTINUE WITH D6b.

D6b. Would you say that was:

### FOR DECEASED SISTER'S DAUGHTER/SISTER'S SON:

D7. In what year was {she/he} born?



#### BOX D-4

IF YEAR IS PROVIDED IN D7, GO TO D8. ELSE, CONTINUE WITH D7a.

D7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?]

YOB PROBE A

# **YEAR RANGE**

1800's		OR	1900's	
1800 to 1809	10		1900 to 1909	10
1810's	11		1910's	11
1820's	12		1920's	12
1830's	13		1930's	13
1840's	14		1940's	14
1850's	15		1950's	15
1860's	16		1960's	16
1870's	17		1970's	17
1880's	18		1980's	18
1890's	19		1990's	19

BOX D-5

IF D7a = RF OR DK, GO TO D8. ELSE, CONTINUE WITH D7b.

D7b. Would you say that was:

YOB PROBE B 

 Early {YEAR RANGE IN D7a}
 1 (GO TO D8)

 Mid {YEAR RANGE IN D7a} or
 2 (GO TO D8)

 Late {/YEAR RANGE IN D7a}
 3 (GO TO D8)

D8.		-	-	{sister's daughter/si			are a die? [ACCEPT EITHER]	AGE
			l.	OR AGE	_ YEA	 .R		
	D8a.			BOX D-6  DED IN D8, GO TO			WITH D8a. [he/she}/ Was it in the 1	800's
AGE/YO PROBE	D	or 1900's?}]  AGE RANGE	OF		1100. [II 142	YEAR RANG	•	
	In {her/ Twenties Thirties Forties, Fifties, Sixties, Seventi Eighties Nineties		:F, OR IF	1800 to 1809  1810's		1 2 3 4 5 6 7 8 9	1900's  1900 to 1909  1910's  1920's  1930's  1940's  1950's  1960's  1970's  1980's  1990's	11 12 13 14 15 16 17 18
AGE/YOD PROBE B	D8b.	Would you say tha	E	Early {AGE /YEAR R/ Mid {AGE YEAR RAN .ate {AGE /YEAR RA	IGE IN D8A	}, or	1 2 3	

# **CANCER QUESTIONS**

<u>NOTE</u> : T	HERE IS NO	QUESTION D-A1			
D-A2.	{Did/Ha	s} {he/she} ever {have/had	) cancer?		
			YES NO REFUSED DON'T KNOW	2 7	(GO TO D-A4) (GO TO BOX D-A-1) (GO TO BOX D-A-1) (GO TO D-A2a)
CANCER STATUS PROBE	D-A2a.	IF R ANSWERS DK TO HERE:	D-A2 BUT OFFERS ANY MEDICAL/HEALTH	INI	FORMATION, SUMMARIZE
		To the best of your knowl	ledge, would you say that {he/she}:		
			Did have cancer,  Did not have cancer, or  You're not sure?	2 3	(GO TO D-A4)

# BOX D-A-1

DON'T KNOW ...... 8

GO TO D5 FOR SISTER'S NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER FOR THIS SISTER, GO TO D1 TO ASK ABOUT NEXT SISTER'S DAUGHTERS AND SONS.

IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  HAVE BROTHERS, GO TO SECTION E. IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  NOT HAVE BROTHERS, GO TO SECTION F.

# SON/DAUGHTER'S FIRST REPORTED PRIMARY CANCER

<u>NOTE</u> : 7	THERE IS NO	D QUESTION D-A3.
D-A4.	-	ype of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAY THAN ONE KIND SAY: Please tell me about the first cancer.]
		CANCER TYPE/SITE:
<u>NOTE</u> : 7	HERE IS NO	D BOX D-A-2 OR D-A-3
		BOX D-A-4
		IF D-A4 = RF OR DK, GO TO D-A5.
<u>NOTE</u> : 3	SEE INTERV	/IEWER PROBING INSTRUCTIONS FOR USING D-A4 PROBES
BODY PART PROBE	D-A4a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the bod did the cancer start?]
SKIN CANCER PROBE	D-A4b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODWITHOUT ASKING]  YES
MELANOMA PROBE	D-A4c.	YES       1         NO       2         REFUSED       7         DON'T KNOW       8
	D-A4d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF CANCER:
		BOX D-A-5  IF CANCER IS A NON MELANOMA SKIN CANCER (D-A4b = 1 (YES) AND D-A4c = 2  (NO) CO TO D A9

D-A5.		what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]					₹,
			 AGE	OR	_    YEAR		
			В	OX D-A-6			
		IF AGE OR YEAR WA A5a.	S GIVEN IN D-A5	5, GO TO D-A9. EI	LSE CONTINUE W	VITH D-	
DIAGNOSIS AGE/YEAR	D-A5a.	Can you give me an e the 1800's or 1900's?		(he/she} was diagr	nosed? [IF NEEDE	ED: Was {he/she}/ Was it	in
PROBE A		AGE RANGE	OR	•	YEAR RANGE		
	In {his/h Twenties Thirties Forties, Sixties, Seventi Eighties One hu	under 13,	1810's 1820's 1830's 1840's 1850's 1860's 1870's 1880's 1890's  97		1910's 1920's 1930's 1940's 1950's 1960's 1970's 1980's		
DIAGNOSIS AGE/YEAR PROBE B	D-A5b.	Would you say that wa Early {AGE RANGE/Y Mid {AGE RANGE/YE Late {AGE RANGE/YE	EAR RANGE IN I AR RANGE IN D	-A5a}, or	2 (	(GO TO D-A9)	
DIAGNOSIS	D-A5c.	Would you say that {F 50 or older?	ne/she} was unde	r 50 when you we	ere diagnosed with	n this cancer, or was {he/she	e}
AGE/YEAR PROBE C				E 50 OLDER			

NOTE: THERE ARE NO QUESTIONS D-A6, D-A7, OR D-A8

D-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

 YES
 1 (GO TO D-A10)

 NO
 2 (GO TO BOX D-A-7A)

 REFUSED
 7 (GO TO BOX D-A-7A)

 DON'T KNOW
 8 (GO TO D-A9a)

D-A9a. IF R ANSWERS DK TO D-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

MULTIPLE PRIMARY PROBE

To the best of your knowledge, would you say that {he/she}

#### BOX D-A-7A

GO TO D5 FOR SISTER'S NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER FOR THIS SISTER, GO TO D1 TO ASK ABOUT NEXT SISTER'S DAUGHTERS AND SONS.

IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  HAVE BROTHERS, GO TO SECTION E. IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  NOT HAVE BROTHERS, GO TO SECTION F.

# SON/DAUGHTER'S SECOND REPORTED PRIMARY CANCER

D-A10.	What type of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS MORE THAN ONE KIND SAY: Please tell me about the next cancer.]
	CANCER TYPE/SITE:
	BOX D-A-8
	IF D-A10 = RF OR DK, GO TO D-A11.
<u>NOTE</u> : S	EE INTERVIEWER PROBING INSTRUCTIONS FOR USING D-A10 PROBES
BODY PART PROBE	D-A10a. [IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]
_	
SKIN CANCER	D-A10b. [IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]
PROBE	YES
MELANOMA	D-A10c. Was it melanoma?
PROBE	YES 1
	NO
	DON'T KNOW 8
	D-A10d. INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:
	BOX D-A-9
	BOV D-V-9
	IF CANCER IS NON MELANOMA SKIN CANCER (D-A10b=1 AND D-A10c=2), GO TO D-A15
	ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (D-A10b=1 AND D-A10c=1, 7, OR 8), GO TO D-A11.
	FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN D-A10E

NOTE: THE INTERVIEWER WILL CODE D-A10e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK D-A10f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

D-A10e. [INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR SECOND PRIMARY

YES	1	
NO	2	(GO TO D-A11)

D-A10f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1
SPREAD THERE	2 (GO TO D-A15)
REFUSED	7
DON'T KNOW	8

D-A11. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

BOX D-A-10

IF AGE OR YEAR WAS GIVEN IN D-A11, GO TO D-A15. ELSE CONTINUE WITH D-A11a.

D-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE			YEAR RANGE			
A child under 13,		1800's         1800 to 1809       10         1810's       11         1820's       12         1830's       13         1840's       14         1850's       15         1860's       16         1870's       17         1880's       18         1890's       19	OR	1900's 1900 to 1909 10 1910's 11 1920's 12 1930's 13 1940's 14 1950's 15 1960's 16 1970's 17 1980's 18		
RFDK		. 97		1990 \$ 19		

### BOX D-A-11

IF D-A11a = 97 OR 98 (DK OR RF), GO TO D-A11c. IF AGE RANGE IN D-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO D-A15. ELSE, CONTINUE WITH D-A11b.

# D-A11b. Would you say that was:

DIAGNOSIS
AGE/YEAR
PROBE B

DIAGNOSIS AGE/YEAR PROBE A

Early {AGE RANGE/YEAR RANGE IN D-A11a},	1	(GO TO D-A15)
Mid {AGE RANGE/YEAR RANGE IN D-A11a}, or	2	(GO TO D-A15)
Late (AGE RANGE/YEAR RANGE IN D-A11a)	3	(GO TO D-A15)

D-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C	UNDER AGE 50	1
	AGE 50 OR OLDER	2

NOTE: THERE ARE NO QUESTIONS D-A12, D-A13, OR D-A14.

D-A15. [IF COMING FROM D-A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX D-A-12)
NO	2	(GO TO BOX D-A-13)
REFUSED	7	(GO TO BOX D-A-13)
DON'T KNOW	8	(GO TO D-A15a)

#### BOX D-A-12

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO D-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO D-A17 TO COLLECT THIRD PRIMARY CANCER

D-A15a. IF R ANSWERS DK TO D-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

MULTIPLE PRIMARY PROBE

To the best of your knowledge, would you say that {he/she}

Did have another cancer,	1	(GO TO BOX D-A-12)
Did <u>not</u> have another cancer, or	2	
You're not sure?	3	

#### BOX D-A-13

IF FIRST REPORTED CANCER IS A SKIN CANCER (D-A4b = 1), GO TO D5 FOR SISTER'S NEXT SON/DAUGHTER. ELSE, GO TO D-A16.

IF NO MORE SON/DAUGHTER FOR THIS SISTER, GO TO D1 TO ASK ABOUT NEXT SISTER'S DAUGHTERS AND SONS.

IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  HAVE BROTHERS, GO TO SECTION E. IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  NOT HAVE BROTHERS, GO TO SECTION F.

# METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE D-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK D-A16a.

D-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX D-A-13A)

D-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX D-A-13A

GO TO D5 FOR SISTER'S NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER FOR THIS SISTER, GO TO D1 TO ASK ABOUT NEXT SISTER'S DAUGHTERS AND SONS.

IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  HAVE BROTHERS, GO TO SECTION E. IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  NOT HAVE BROTHERS, GO TO SECTION F.

# SISTER'S DAUGHTER'S/SON'S THIRD REPORTED PRIMARY CANCER

D-A17.	•		e} have, or in what specific part of the body or Please tell me about the next cancer.]	did the cancer sta	art? [IF R SAYS
		CANCER TYPE/SITE:			
			BOX D-A-14		
		IF D-A17 = RF OR DK,	GO TO D-A18.		
<u>NOTE</u> : S	SEE INTERV	/IEWER PROBING INSTRUCTIO	ONS FOR USING D-A17 PROBES		
BODY PART PROBE	D-A17a	i. [IF CANCER TYPE/SIT did the cancer start?]	TE NOT A RECOGNIZABLE BODY PART, SA	Y: Specifically, wh	nere in the body
SKIN CANCER PROBE	D-A17b	. [IF CANCER ON EXTE WITHOUT ASKING]	ERNAL BODY PART, OR IF NEEDED, ASK: \		r? ELSE CODE
PROBE			YES NO DON'T KNOW	2 (GO TO D-	•
MELANOMA	D-A17c	. Was it melanoma?			
PROBE			YES		
			NOREFUSED		
			DON'T KNOW		
	D-A17d	I. INTERVIEWER: SUMI	MARIZE TYPE/SITE OF THE CANCER:		
	ſ				
			BOX D-A-15		
		IF CANCER IS NON ME BOX D-A-19	ELANOMA SKIN CANCER (D-A17b=1 <u>AND</u> D-A	A17c=2), GO TO	
			ELANOMA SKIN CANCER OR UNKNOWN TY ND D-A17c=1, 7, OR 8), GO TO D-A18.	PE OF SKIN	
		FOR ALL OTHERS CAN	NCERS CONTINUE TO METASTATIC PROBE	S IN D-A17e	

NOTE: THE INTERVIEWER WILL CODE D-A176 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK D-A17f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

D-A17e. [INTERVIEWER CODE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC
PROBES FOR
THIRD
PRIMARY

YES	1	
NO	2	(GO TO D-A18)

D-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1
SPREAD THERE	2 (GO TO D-A22)
REFUSED	7
DON'T KNOW	8

D-A18. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

# **BOX D-A-16**

IF AGE OR YEAR WAS GIVEN IN D-A18, GO TO BOX D-A-19. ELSE CONTINUE WITH D-A18a.

D-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### AGE RANGE OR YEAR RANGE 1800's 1900's A child under 13,..... 0 OR In {his/her} teens,........... 1 1800 to 1809.....10 1900 to 1909..... 10 Twenties,..... 2 1810's .....11 1910's ..... 11 Thirties,......3 1820's ......12 1920's ..... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ..... 5 1840's ......14 1940's ...... 14 Sixties, ..... 6 1850's ......15 1950's ...... 15 1860's ......16 Seventies, ......7 1960's ...... 16 1970's ...... 17 Eighties, .....8 1870's ......17 Nineties, or..... 9 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97

#### BOX D-A-17

IF D-A18a = 97 OR 98 (DK OR RF), GO TO D-A18c.

IF AGE RANGE IN D-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX D-A-19.

ELSE, CONTINUE WITH D-A18b.

DK .......98

D-A18b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR

PROBE A

Early {AGE RANGE/YEAR RANGE IN D-A18a},1	(GO TO BOX D-A-19)
Mid {AGE RANGE/YEAR RANGE IN D-A18a}, or2	(GO TO BOX D-A-19)
Late {AGE RANGE/YEAR RANGE IN D-A18a}	(GO TO BOX D-A-19)

D-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C

UNDER AGE 50	.1 (GO	TO BOX	D-A-19)
AGE 50 OR OLDER	2 (GO	то вох	D-A-19)

NOTE: THERE ARE NO QUESTIONS D-A19, D-A20, OR D-A21 AND NO BOX D-A-18.

D-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO D-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER)
NO	2	(GO TO BOX D-A-19)
REFUSED	7	(GO TO BOX D-A-19)
DON'T KNOW	8	(GO TO D-A22a)

D-A22a. IF R ANSWERS DK TO D-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO D-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

### **BOX D-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (D-A4b = 1), GO TO D5 FOR SISTER'S NEXT SON/DAUGHTER. ELSE, GO TO D-A23.

IF NO MORE SON/DAUGHTER FOR THIS SISTER, GO TO D1 TO ASK ABOUT NEXT SISTER'S DAUGHTERS AND SONS.

IF NO MORE SISTERS AND R <u>DOES</u> HAVE BROTHERS, GO TO SECTION E. IF NO MORE SISTERS AND R DOES NOT HAVE BROTHERS, GO TO SECTION F.

# METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE D-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK D-A23a.

D-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX D-A-20)

D-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX D-A-20

GO TO D5 FOR SISTER'S NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER FOR THIS SISTER, GO TO D1 TO ASK ABOUT NEXT SISTER'S DAUGHTERS AND SONS.

IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  HAVE BROTHERS, GO TO SECTION E. IF NO MORE SISTERS AND R  $\underline{\text{DOES}}$  NOT HAVE BROTHERS, GO TO SECTION F.

# SECTION E (BROTHER'S DAUGHTERS AND SONS)

### **INTRODUCTION:**

Now I w	rould like to ask you about the biological children of your full brothers, that is, your n	iece	s and nephews.
E1.	Does your brother (BROTHER'S FIRST NAME) have any biological daughters?		
	YES		(GO TO E3)
E2.	What are their first names starting with the oldest? [PROBE: Any others, living or	dece	eased?]
	BROTHER'S DAUGHTER 1:		
	BROTHER'S DAUGHTER 2:		
	BROTHER'S DAUGHTER 3:		
	BROTHER'S DAUGHTER 4:		
	[UP TO BROTHER'S DAUGHTER 16]		
E3.	Do your brother (BROTHER'S FIRST NAME) have any biological sons?		
	YES		(GO TO BOX E-1)
E4.	What are their first names starting with the oldest? [PROBE: Any others, living or	dece	eased?]
	BROTHER'S SON 1:		
	BROTHER'S SON 2:		
	BROTHER'S SON 3:		
	BROTHER'S SON 4:		
	[UP TO BROTHER'S SON 16]		

# BOX E-1

IF E1 = 1 (YES) AND/OR E3 = 1(YES), CONTINUE TO E5 FOR THIS BROTHER'S FIRST DAUGHTER/SON LISTED IN E2/E4.

ELSE, IF THIS BROTHER HAS NO DAUGHTERS (E1=2, 7,8) OR SONS (E3=2, 7,8) GO TO E1 TO ASK ABOUT NEXT BROTHER'S DAUGHTERS/ SONS.

ELSE, IF THERE ARE NO MORE BROTHERS, GO TO SECTION F.

E5.	ls your	{brother's daughter/b	rother's son} {FIRS1	NAME} alive?			
			NO DK			1 (GO TO E6) 2 (GO TO E7) 8 (GO TO E6) 7 (GO TO E6)	
FOR LIV	/ING BR	ROTHER'S DAUGHTE	R/BROTHER'S SO	<u>N:</u>			
E6.		ld is {she/he} or in w OTH. RECORD BOTH		ne} born? [ACCE	EPT EITHER AG	E OR YEAR, DO NOT	PROBE
			 AGE	OR	 YEAR		
				BOX E-2			
		IF BOTH AGE AND			E6a. ELSE, GO T	O E-A2.	
	E6a.	•	{her/his} age or wh	en {she/he} was	born? [IF NEED	ED: {Is (she/he)/ Was	it in the
AGE/YOB		1800's or 1900's?}]					
PROBE A		AGE RANGE	OR		YEAR RAN	GE	
	A child	under 13, 0	1	1800's	OR	1900's	
	In {her/	his} teens, 1	1800 to	o 1809	10	1900 to 1909	
		es, 2	! 1810's		11	1910's	
		3, 3				1920's	
		, 4				1930's	
		5				1940's	
		,6				1950's	_
		ies, 7			-	1960's	_
	-	s, 8				1970's	
		s, or 9			-	1980's	_
	One hu	undred or more? 10	1890's		19	1990's	19
				BOX E-3			
		IF E6a = RF OR DK MORE), GO TO E-A	OR IF AGE RANGI	E = 0 (UNDER 13	3) OR 10 (ONE H	IUNDRED OR	
	E6b.	Would you say that	was:				
AGE/YOB PROBE B			Mid {AGE /Y	EAR RANGE IN	N E6a}, I E6a}, or	2 (GO TO E-A2)	

FOR DE	CEA	SED BROTHER'S DAUGHTE	R/BROTHER'S SO	<u> </u>		
E7.	In w	hat year was {she/he} born?				
			_ _ YEAR			
		IF YEAR IS PROVIDED IN	BOX N E7, GO TO E8. E		ТН Е7а.	
	E7a	. Could you estimate when	{she/he} was born	? [IF NEEDED, SAY:	Was it in the 1800's or 1900's?]	
			YEAR F	RANGE		
YOB		1800's	0		000's	
PROBE	ΕA	1800 to 1809	_		10	
		1810's	11	1910's	11	
		1820's	12	1920's	12	
		1830's	13		13	
		1840's			14	
		1850's				
		1860's				
		1870's			17	
		1880's				
		1890's			19	
		IF E7a = RF OR DK, GO	BOX TO E8. ELSE, CON			
	E7b	. Would you say that was:				
			Early {YEAR RAI	NGE IN E7a}		
YOB	,					
PROBE E	3					
			· · · · ·	,	- (	
E8.		vhat age or in what year did y E OR YEAR, DO NOT PROBE	•	•	FIRST NAME} die? [ACCEPT EITH RED.]	IER
			AGE OF	R   _ _  YEAR		
			BOX	E-6		

IF AGE OR YEAR IS PROVIDED IN E8, GO TO E-A2. ELSE, CONTINUE WITH E8a.

AGE/YOD PROBE A E8a. Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

AGE RANGE	OR		YEAR RAN	IGE
A child under 13,	0	1800's	OR	1900's
In {her/his} teens,	1	1800 to 1809	10	1900 to 1909 10
Twenties,	2	1810's	11	1910's 11
Thirties,	3	1820's	12	1920's 12
Forties,	4	1830's	13	1930's 13
Fifties,	5	1840's	14	1940's 14
Sixties,	6	1850's	15	1950's 15
Seventies,	7	1860's	16	1960's 16
Eighties,	8	1870's	17	1970's 17
Nineties, or	9	1880's	18	1980's 18
One hundred or more?	10	1890's	19	1990's 19

### BOX E-7

IF E8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO E-A2. ELSE, CONTINUE WITH E8b.

AGE/YOD PROBE B E8b. Would you say that was:

Early {AGE /YEAR RANGE IN E8A},	1
Mid {AGE YEAR RANGE IN E8A}, or	2
Late {AGE /YEAR RANGE IN E8A}?	3

## **CANCER QUESTIONS**

<u>NOTE</u> :	THERE IS NO	QUESTION E-A1			
E-A2.	{Did/Ha	s} {he/she} ever {have/had	} cancer?		
			YES NO REFUSED DON'T KNOW	2 7	(GO TO E-A4) (GO TO BOX E-A-1) (GO TO BOX E-A-1) (GO TO E-A2a)
CANCER STATUS PROBE	E-A2a.	IF R ANSWERS DK TO HERE:	E-A2 BUT OFFERS ANY MEDICAL/HEALTH	INF	FORMATION, SUMMARIZE
		To the best of your knowledge	edge, would you say that {he/she}:		
			Did have cancer,	2 3 7	(GO TO E-A4)

## BOX E-A-1

GO TO E5 FOR BROTHER'S NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER FOR THIS BROTHER, GO TO E1 TO ASK ABOUT NEXT BROTHER'S DAUGHTERS AND SONS.

IF NO MORE BROTHERS, GO TO SECTION F.

## SON/DAUGHTER'S FIRST REPORTED PRIMARY CANCER

<u>NOTE</u> :	THERE IS NO	O QUESTION E-A3.					
E-A4.	-	be of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS HAN ONE KIND SAY: Please tell me about the first cancer.]					
		CANCER TYPE/SITE:					
NOTE:	THERE IS NO	) BOX E-A-2 OR E-A-3					
		BOX E-A-4					
		IF E-A4 = RF OR DK, GO TO E-A5.					
<u>NOTE</u> :	SEE INTERV	IEWER PROBING INSTRUCTIONS FOR USING E-A4 PROBES					
BODY PART PROBE	E-A4a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: did the cancer start?]	Specifically, w	here in the body			
SKIN CANCER PROBE	E-A4b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Waw WITHOUT ASKING]  YES	1 2 (GO TO E	-A4d)			
MELANOMA	E-A4c.	Was it melanoma?					
PROBE		YES NOREFUSEDDON'T KNOW	2 7				
	E-A4d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF CANCER:					
		BOX E-A-5					
		IF CANCER IS A NON MELANOMA SKIN CANCER (E-A4b = 1 (YES) AN (NO)), GO TO E-A9	<u>ND</u> E-A4c = 2				

E-A5.	At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]						
			 AGE	OR	_    _YEAR		
			ВС	OX E-A-6			
		IF AGE OR YEAR WAS A5a.	S GIVEN IN E-A5,	GO TO E-A9. EL	SE CONTINUE \	WITH E-	
DIAGNOSIS AGE/YEAR		Can you give me an eathe 1800's or 1900's?]		ne/she} was diagn	osed? [IF NEED	ED: Was {he/she}	/ Was it in
PROBE A		AGE RANGE	OR	١	EAR RANGE		
	In {his/he Twenties Thirties, Forties, Sixties, Seventie Eighties, Nineties, One hun	nder 13,	1810's 1820's 1830's 1840's 1850's 1860's 1870's 1890's 97	1800's  809	1910's 1920's 1930's 1940's 1950's 1960's 1980's	1900's 1909	
		IF AGE RANGE IN E-A IF E-A5a = 97 OR 98 (I	.5a = 0 (UNDER 1		•		
DIAGNOSIS AGE/YEAR PROBE B		Would you say that wa Early {AGE RANGE/YE/ Mid {AGE RANGE/YE/ Late {AGE RANGE/YE	EAR RANGE IN E AR RANGE IN E-A	٩5a}, or	2	(GO TO E-A9)	
		Would you say that {h	e/she} was under	50 when you we	re diagnosed wit	h this cancer, or v	/as {he/she}
DIAGNOSIS AGE/YEAR PROBE C				50 OLDER		1 2	

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NOTE: THERE ARE NO QUESTIONS E-A6, E-A7, OR E-A8

E-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

 YES
 1 (GO TO E-A10)

 NO
 2 (GO TO BOX E-A-7A)

 REFUSED
 7 (GO TO BOX E-A-7A)

 DON'T KNOW
 8 (GO TO E-A9a)

E-A9a. IF R ANSWERS DK TO E-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

EKE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE Did have another cancer,1 (GO TO E-A10)Did not have another cancer, or2 (GO TO BOX E-A-7A)You're not sure?3 (GO TO BOX E-A-7A)

#### BOX E-A-7A

GO TO E5 FOR BROTHER'S NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER FOR THIS BROTHER, GO TO E1 TO ASK ABOUT NEXT BROTHER'S DAUGHTERS AND SONS.

IF NO MORE BROTHERS, GO TO SECTION F.

## SON/DAUGHTER'S SECOND REPORTED PRIMARY CANCER

E-A10.	-	• •	} have, or in what specific part of the body did ease tell me about the next cancer.]	the cancer start? [IF R SAY	/S
	CANCER TYPE/SITE:				
		CANCER TIPE/SITE			
			BOX E-A-8		
		F E-A10 = RF OR DK, G	O TO E-A11.		
<u>NOTE</u> : S	SEE INTER\	VIEWER PROBING INSTRUCTIO	NS FOR USING E-A10 PROBES		
BODY PART	E-A10a	a. [IF CANCER TYPE/SITI did the cancer start?]	E NOT A RECOGNIZABLE BODY PART, SAY:	Specifically, where in the boo	dy
PROBE					
SKIN CANCER	E-A10b	o. [IF CANCER ON EXTE WITHOUT ASKING]	RNAL BODY PART, OR IF NEEDED, ASK: W	as it skin cancer? ELSE COD	Œ
PROBE			YES		
			NO DON'T KNOW		
				0 (00 10 2 71104)	
MELANOMA PROBE	E-A10c	:. Was it melanoma?			
FROBE			YES		
			NOREFUSED	_	
			DON'T KNOW	8	
	E-A10d	I. INTERVIEWER: SUMM/	ARIZE TYPE/SITE OF THE CANCER:		
	i				
			BOX E-A-9		
		IF CANCER IS NON ME E-A15	LANOMA SKIN CANCER (E-A10b=1 <u>AND</u> E-A10	0c=2), GO TO	
			ELANOMA SKIN CANCER OR UNKNOWN TYPE D E-A10c=1, 7, OR 8), GO TO E-A11.	OF SKIN	
		FOR ALL OTHERS CAN	CERS CONTINUE TO METASTATIC PROBES I	N E-A10e	

NOTE: THE INTERVIEWER WILL CODE E-A100 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK E-A10f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

E-A10e. [INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

YES	1	
NO	2	(GO TO E-A11)

E-A10f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1	
SPREAD THERE	2	(GO TO E-A15
REFUSED	7	
DON'T KNOW	8	

E-A11. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

## BOX E-A-10

IF AGE OR YEAR WAS GIVEN IN E-A11, GO TO E-A15. ELSE CONTINUE WITH E-A11a.

E-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR	YEAR RANGE		
A child under 13, 0		1800's	OR	1900's
In {his/her} teens, 1	1800 to	180910		1900 to 190910
Twenties, 2	1810's	11		1910's 11
Thirties,3	1820's	12		1920's 12
Forties, 4	1830's	13		1930's13
Fifties, 5	1840's	14		1940's 14
Sixties, 6	1850's	15		1950's15
Seventies,7	1860's	16		1960's16
Eighties,8	1870's	17		1970's 17
Nineties, or 9	1880's	18		1980's18
One hundred or more?10	1890's	19		1990's 19
RF	97			
DK	98			

#### BOX E-A-11

IF E-A11a = 97 OR 98 (DK OR RF), GO TO E-A11c. IF AGE RANGE IN E-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO E-A15. ELSE, CONTINUE WITH E-A11b.

## E-A11b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR

PROBE A

Early {AGE RANGE/YEAR RANGE IN E-A11a},	1	(GO TO E-A15)
Mid {AGE RANGE/YEAR RANGE IN E-A11a}, or	2	(GO TO E-A15)
Late {AGE RANGE/YEAR RANGE IN E-A11a}	3	(GO TO E-A15)

E-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

NOTE: THERE ARE NO QUESTIONS E-A12, E-A13, OR E-A14.

E-A15. [IF COMING FROM E-A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX E-A-12)
NO	2	(GO TO BOX E-A-13)
REFUSED	7	(GO TO BOX E-A-13)
DON'T KNOW	8	(GO TO E-A15a)

#### BOX E-A-12

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO E-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO E-A17 TO COLLECT THIRD PRIMARY CANCER

E-A15a. IF R ANSWERS DK TO E-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO BOX E-A-12)
Did not have another cancer, or	2	
You're not sure?	3	

## BOX E-A-13

IF FIRST REPORTED CANCER IS A SKIN CANCER (E-A4b = 1), GO TO E5 FOR BROTHER'S NEXT SON/DAUGHTER. ELSE, GO TO E-A16.

IF NO MORE SON/DAUGHTER FOR THIS BROTHER, GO TO E1 TO ASK ABOUT NEXT BROTHER'S DAUGHTERS AND SONS.

IF NO MORE BROTHERS, GO TO SECTION F.

### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE E-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK E-A16a.

E-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC
PROBES FOR
FIRST
PRIMARY

YES	1	
NO	2	(GO TO BOX E-A-13A)

E-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX E-A-13A

GO TO E5 FOR BROTHER'S NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER FOR THIS BROTHER, GO TO E1 TO ASK ABOUT NEXT BROTHER'S DAUGHTERS AND SONS.

IF NO MORE BROTHERS, GO TO SECTION F.

## BROTHER'S DAUGHTER'S/SON'S THIRD REPORTED PRIMARY CANCER

E-A17.	-		ne} have, or in what specific part of the body did Please tell me about the next cancer.]	the cancer start? [IF R SAYS
		CANCER TYPE/SITE:		
		IF E-A17 = RF OR DK,	BOX E-A-14 GO TO E-A18.	
<u>NOTE</u> : S	EE INTERV	IEWER PROBING INSTRUCT	TIONS FOR USING E-A17 PROBES	
BODY PART PROBE	E-A17a	. [IF CANCER TYPE/SI did the cancer start?]	TE NOT A RECOGNIZABLE BODY PART, SAY:	Specifically, where in the body
	<b>5</b> 44 <b>5</b> 1	WE 0.11055 011 5V		
SKIN CANCER PROBE	E-A17b	. [IF CANCER ON EXT WITHOUT ASKING]	YESDON'T KNOW	1 2 (GO TO E-A17d)
MELANOMA PROBE	E-A17c	. Was it melanoma?		
FROBE			YES	2 7
	E-A17d	. INTERVIEWER: SUMM	MARIZE TYPE/SITE OF THE CANCER:	
			BOX E-A-15	
		IF CANCER IS NON M BOX E-A-19	ELANOMA SKIN CANCER (E-A17b=1 <u>AND</u> E-A17	'c=2), GO TO
			MELANOMA SKIN CANCER OR UNKNOWN TYPE <u>IND</u> E-A17c=1, 7, OR 8), GO TO D-A18.	OF SKIN

FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN D-A17e.

NOTE: THE INTERVIEWER WILL CODE E-A176 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK E-A17f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

METASTATIC
PROBES
FOR THIRD
PRIMARY

E-A17e. [INTERVIEWER CODE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

YES	1	
NO	2	(GO TO E-A18)

E-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1
SPREAD THERE	2 (GO TO E-A22)
REFUSED	7
DON'T KNOW	8

E-A18. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

## BOX E-A-16

IF AGE OR YEAR WAS GIVEN IN E-A18, GO TO BOX E-A-19. ELSE CONTINUE WITH E-A18a.

E-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### AGE RANGE OR YEAR RANGE 1800's 1900's OR A child under 13,..... 0 In {his/her} teens,........... 1 1800 to 1809.....10 1900 to 1909......10 Twenties,..... 2 1810's .....11 1910's ..... 11 Thirties,......3 1820's ......12 1920's ...... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ..... 5 1840's .....14 1940's ..... 14 1850's ......15 1950's ...... 15 Sixties, ...... 6 1860's ......16 1960's ...... 16 Eighties, .....8 1870's ......17 1970's ...... 17 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97 DK .......98

#### **BOX E-A-17**

IF E-A18a = 97 OR 98 (DK OR RF), GO TO E-A18c. IF AGE RANGE IN E-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX E-A-19. ELSE, CONTINUE WITH E-A18b.

E-A18b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR

PROBE A

Early {AGE RANGE/YEAR RANGE IN E-A18a},	1	(GO TO BOX E-A-19)
Mid {AGE RANGE/YEAR RANGE IN E-A18a}, or	2	(GO TO BOX E-A-19)
Late {AGE RANGE/YEAR RANGE IN E-A18a}	3	(GO TO BOX E-A-19)

E-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C

NOTE: THERE ARE NO QUESTIONS E-A19, E-A20, OR E-A21 AND NO BOX E-A-18.

E-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO E-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER)
NO	2	(GO TO BOX E-A-19)
REFUSED	7	(GO TO BOX E-A-19)
DON'T KNOW	8	(GO TO E-A22a)

E-A22a. IF R ANSWERS DK TO E-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO E-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

#### **BOX E-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (E-A4b = 1), GO TO E5 FOR BROTHER'S NEXT SON/DAUGHTER. ELSE, GO TO E-A23.

IF NO MORE SON/DAUGHTER FOR THIS BROTHER, GO TO E1 TO ASK ABOUT NEXT BROTHER'S DAUGHTERS AND SONS.

IF NO MORE BROTHERS, GO TO SECTION F.

#### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE E-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK E-A23a.

E-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX E-A-20)

E-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX E-A-20

GO TO E5 FOR BROTHER'S NEXT SON/DAUGHTER. IF NO MORE SON/DAUGHTER FOR THIS BROTHER, GO TO E1 TO ASK ABOUT NEXT BROTHER'S DAUGHTERS AND SONS.

IF NO MORE BROTHERS, GO TO SECTION F.

# SECTION F (HALF SISTERS AND HALF BROTHERS)

## INTRODUCTION:

Now I would like to ask	you about half	sisters and half brothers	s who have only o	one biological	parent in common with	you.
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		•	, <del></del>	0 1	,
F1.	Do yo	u have any half sisters?			
					) F3)
F2.	What	are their first names starting with the	e oldest? [PROBE: Any others, li	ving or deceased?]	
	F2a.	Does she have the same mother	or father in common with you?		
		HALF SISTER 1:	GO TO F2a)	MOTHER1	FATHER2
		HALF SISTER 2:	(GO TO F2a)	MOTHER1	FATHER2
		HALF SISTER 3:	(GO TO F2a)	MOTHER1	FATHER2
		HALF SISTER 4:	(GO TO F2a)	MOTHER1	FATHER2
		[UP TO HALF SISTER 16]			
F3.	Do yo	u have any biological half brothers?			
					) BOX F-1)
F4.	What	are their first names starting with the	oldest? [PROBE: Any others, li	ving or deceased?]	
	F4a.	Does she have the same mother	or father in common with you?		
		HALF BROTHER 1:	(GO TO F4a)	MOTHER1	FATHER2
		HALF BROTHER 2:	(GO TO F4a)	MOTHER1	FATHER2
		HALF BROTHER 3:	(GO TO F4a)	MOTHER1	FATHER2
		HALF BROTHER 4:	(GO TO F4a)	MOTHER1	FATHER2
		[UP TO HALF BROTHER 16]			
		IF F1 = 1 (YES) AND/OR F3 = 1(	•	FIRST HALF	

ELSE, GO TO SECTION G.

F5.	Is your {half sister/half brother} {First name} alive?
-----	--------------------------------------------------------

YES	1	(GO TO F6)
NO	2	(GO TO F7)
DK	8	(GO TO F6)
RF	7	(GO TO F6)

### FOR LIVING DAUGHTER/HALF BROTHER:

F6. How old is {she/he} or in what year was {she/he} born? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

	OR	
AGE		YEAR

BOX F-2

IF BOTH AGE AND YEAR IN F6 = RF OR DK, GO TO F6a. ELSE, GO TO F-A2.

F6a. Could you estimate {her/his} age or when {she/he} was born? [IF NEEDED: {Is (she/he).../ Was it in the 1800's or 1900's?}]

AGE/YOB PROBE A

AGE RANGE OR YEAR RANGE

A child under 13,	0	1800's		OR	1900's	
In {her/his} teens,	1	1800 to 1809	10		1900 to 1909	10
Twenties,	2	1810's	11		1910's	11
Thirties,	3	1820's	12		1920's	12
Forties,	4	1830's	13		1930's	13
Fifties,	5	1840's	14		1940's	14
Sixties,	6	1850's	15		1950's	15
Seventies,	7	1860's	16		1960's	16
Eighties,	8	1870's	17		1970's	17
Nineties, or	9	1880's	18		1980's	18
One hundred or more?	10	1890's	19		1990's	19

BOX F-3

IF F6a = RF OR DK OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO F-A2. ELSE, CONTINUE WITH F6b.

F6b. Would you say that was:

AGE/YOB PROBE B

#### FOR DECEASED HALF BROTHER/HALF SISTER:

F7.	In wha	t year	was	{she/	he}	born?
-----	--------	--------	-----	-------	-----	-------

BOX F-4

IF YEAR IS PROVIDED IN F7, GO TO F8. ELSE, CONTINUE WITH F7a.

F7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?] [RELN.QL2AYR]

YOB PROBE A

YEAR RANGE						
1800's	OR	1900's				
1800 to 1809	10	1900 to 1909	10			
1810's	11	1910's	11			
1820's	12	1920's	12			
1830's	13	1930's	13			
1840's	14	1940's	14			
1850's	15	1950's	15			
1860's	16	1960's	16			
1870's	17	1970's	17			
1880's	18	1980's	18			
1890's	19	1990's	19			

BOX F-5

IF F7a = RF OR DK, GO TO F8. ELSE, CONTINUE WITH F7b.

F7b. Would you say that was:

YOB PROBE B F8. At what age or in what year did your {half sister/half brother} {First name} die? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

|\_\_|\_ | **OR** |\_\_|\_|\_\_ AGE YEAR

BOX F-6

IF AGE OR YEAR IS PROVIDED IN F8, GO TO F-A2. ELSE, CONTINUE WITH F8a.

AGE/YOD PROBE A F8a. Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

AGE RANGE	OR		YEAR RAN	GE
A child under 13,	0	1800's	OR	1900's
In {her/his} teens,	1	1800 to 1809	10	1900 to 1909 10
Twenties,	2	1810's	11	1910's 11
Thirties,	3	1820's	12	1920's 12
Forties,	4	1830's	13	1930's 13
Fifties,	5	1840's	14	1940's 14
Sixties,	6	1850's	15	1950's 15
Seventies,	7	1860's	16	1960's 16
Eighties,	8	1870's	17	1970's 17
Nineties, or	9	1880's	18	1980's 18
One hundred or more? 1	10	1890's	19	1990's 19

### BOX F-7

IF F8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO F-A2. ELSE, CONTINUE WITH F8b.

F8b. Would you say that was:

AGE/YOD PROBE B

Early {AGE /YEAR RANGE IN F8a},	1
Mid {AGE YEAR RANGE IN F8a}, or	2
Late {AGE /YEAR RANGE IN F8a}?	3

## **CANCER QUESTIONS**

<u>NOTE</u> : T	HERE IS NO	QUESTION F-A1			
F-A2.	{Did/Has	s} {he/she} ever {have/had	} cancer?		
			YES	2 7	(GO TO F-A4) (GO TO BOX F-A-1) (GO TO BOX F-A-1) (GO TO F-A2a)
CANCER STATUS PROBE	F-A2a.	IF R ANSWERS DK TO HERE:	F-A2 BUT OFFERS ANY MEDICAL/HEALTH	IN	FORMATION, SUMMARIZE
		To the best of your knowl	edge, would you say that {he/she}:		
			Did have cancer,	2	(GO TO F-A4)

## BOX F-A-1

GO TO F5 FOR NEXT HALF BROTHER/HALF SISTER. IF NO MORE HALF BROTHER/HALF SISTER, GO TO SECTION  ${\sf G}.$ 

## HALF BROTHER/HALF SISTER'S FIRST REPORTED PRIMARY CANCER

<u>NOTE</u> : 1	THERE IS NO	QUESTION F-A3.
F-A4.	-	pe of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS THAN ONE KIND SAY: Please tell me about the first cancer.]
		CANCER TYPE/SITE:
<u>NOTE</u> : 7	THERE IS NO	BOX F-A-2 OR F-A-3
		BOX F-A-4
		IF F-A4 = RF OR DK, GO TO F-A5.
<u>NOTE</u> :	SEE INTERV	IEWER PROBING INSTRUCTIONS FOR USING F-A4 PROBES
BODY PART PROBE	F-A4a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]
SKIN CANCER PROBE	F-A4b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]  YES
MELANOMA PROBE	F-A4c.	YES       1         NO       2         REFUSED       7         DON'T KNOW       8
	F-A4d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF CANCER:
		BOX F-A-5  IF CANCER IS A NON MELANOMA SKIN CANCER (F-A4b = 1 (YES) AND F-A4c = 2 (NO)), GO TO F-A9

F-A5.	5. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]							
			 AGE	OR	_ YEAF			
		IF AGE OR YEAR WA	S GIVEN IN F-	BOX F-A-6 A5, GO TO F-A9	). ELSE CON	ITINUE WITH F-A5	5a.	
DIAGNOSIS AGE/YEAR	F-A5a.	Can you give me an ethe 1800's or 1900's?		n {he/she} was o	diagnosed? [	IF NEEDED: Was (	{he/she}/ Was it ir	n
PROBE A		AGE RANGE	OR		YEAR R	ANGE		
	In {his/h Twenties Thirties Forties, Fifties, Sixties, Seventi Eighties Nineties One hu	under 13,	1810's 1820's 1830's 1840's 1850's 1860's 1880's 1890's	•	11 12 13 14 15 16 17 18 19	• 1	10 11 12 13 14 15 16 17	
DIAGNOSIS AGE/YEAR PROBE B	F-A5b.	Would you say that we Early {AGE RANGE/Y Mid {AGE RANGE/YE Late {AGE RANGE/Y	EAR RANGE II	F-A5a}, or		2 (GO TO F	-A9)	
	F-A5c.	Would you say that {I 50 or older?	ne/she} was un	der 50 when yo	u were diagn	osed with this can	cer, or was {he/she	}
DIAGNOSIS AGE/YEAR PROBE C			_	GE 50 PR OLDER				

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NOTE: THERE ARE NO QUESTIONS F-A6, F-A7, OR F-A8

F-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO F-A10)
NO	2	(GO TO BOX F-A-7A)
REFUSED	7	(GO TO BOX F-A-7A)
DON'T KNOW	8	(GO TO F-A9a)

F-A9a. IF R ANSWERS DK TO F-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

#### **BOX F-A-7A**

GO TO F5 FOR NEXT HALF BROTHER/HALF SISTER. IF NO MORE HALF BROTHER/HALF SISTER, GO TO SECTION  ${\sf G}.$ 

## HALF BROTHER/HALF SISTER'S SECOND REPORTED PRIMARY CANCER

F-A10.	•		ve, or in what specific part of the body did tell me about the next cancer.]	the cancer start? [IF R SAYS
		CANCER TYPE/SITE:		
		15 5 440 DE OD DIV OO TO	BOX F-A-8	
	L	IF F-A10 = RF OR DK, GO TC	) F-A11.	
<u>NOTE</u> : S	SEE INTERV	EWER PROBING INSTRUCTIONS FO	OR USING F-A10 PROBES	
BODY PART PROBE	F-A10a.	[IF CANCER TYPE/SITE NO did the cancer start?]	T A RECOGNIZABLE BODY PART, SAY:	Specifically, where in the body
SKIN CANCER	F-A10b.	[IF CANCER ON EXTERNA WITHOUT ASKING]	IL BODY PART, OR IF NEEDED, ASK: Wa	as it skin cancer? ELSE CODE
PROBE		NO	ES DDN'T KNOW	2 (GO TO F-A10d)
MELANOMA	F-A10c.	Was it melanoma?		
PROBE		NO RE	ES D EFUSED DN'T KNOW	2 7
	F-A10d.		E TYPE/SITE OF THE CANCER:	
			BOX F-A-9	
		IF CANCER IS NON MELANO F-A15	DMA SKIN CANCER (F-A10b=1 <u>AND</u> F-A10	c=2), GO TO
			OMA SKIN CANCER OR UNKNOWN TYPE A10c=1, 7, OR 8), GO TO F-A11.	OF SKIN
		FOR ALL OTHERS CANCER	S CONTINUE TO METASTATIC PROBES II	N F-A10e

NOTE: THE INTERVIEWER WILL CODE F-A10e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK F-A10f.

<u>**DEFINITION:**</u> ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

METASTATIC PROBES FOR SECOND PRIMARY	F-A10e.	[INTERVIEWER CODE FOLLOWING COMMON COLON/BOWEL/INTEST	N METASTA	ATIC SITE R, LUNG, L	S: "ABDON YMPH NOD	MEN", ADRE ES/NODES (	NAI	L GLAND,	BONE,	
			YES				1			
			NO				2	(GO TO F-	-A11)	
	F-A10f.	Did the cancer actually stabody?	art in the {C	ANCER T	YPE/SITE} c	or did it sprea	ıd th	nere from ar	nother pa	rt of the
			SPREAD REFUSED	THERE			2	(GO TO F-	-A15)	

F-A11. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

BOX F-A-10

IF AGE OR YEAR WAS GIVEN IN F-A11, GO TO F-A15. ELSE CONTINUE WITH F-A11a.

F-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR	YEAR RANGE				
A child under 13, 0		1800's	OR	1900's		
In {his/her} teens, 1		1800 to 180910		1900 to 190910		
Twenties, 2		1810's11		1910's11		
Thirties,3		1820's12		1920's12		
Forties, 4		1830's13		1930's13		
Fifties, 5		1840's14		1940's14		
Sixties, 6		1850's15		1950's15		
Seventies,7		1860's16		1960's16		
Eighties,8		1870's 17		1970's 17		
Nineties, or 9		1880's18		1980's18		
One hundred or more?10		1890's19		1990's 19		
RF		97				
DK		98				
		DOV 5 A 44				

BOX F-A-11

IF F-A11a = 97 OR 98 (DK OR RF), GO TO F-A11c. IF AGE RANGE IN F-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO F-A15. ELSE, CONTINUE WITH F-A11b.

DIAGNOSIS AGE/YEAR PROBE B

DIAGNOSIS AGE/YEAR PROBE A

F-A11b. Would you say that was:

Early {AGE RANGE/YEAR RANGE IN F-A11a},	1	(GO TO F-A15)
Mid {AGE RANGE/YEAR RANGE IN F-A11a}, or	2	(GO TO F-A15)
Late {AGE RANGE/YEAR RANGE IN F-A11a}	3	(GO TO F-A15)

F-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C

 NOTE: THERE ARE NO QUESTIONS F-A12, F-A13, OR F-A14.

F-A15. [IF COMING FROM F-A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX F-A-12)
NO	2	(GO TO BOX F-A-13)
REFUSED	7	(GO TO BOX F-A-13)
DON'T KNOW	8	(GO TO F-A15a)

#### BOX F-A-12

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO F-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO F-A17 TO COLLECT THIRD PRIMARY CANCER

F-A15a. IF R ANSWERS DK TO F-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

-----

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO BOX F-A-12)
Did not have another cancer, or	2	
You're not sure?	3	

### BOX F-A-13

IF FIRST REPORTED CANCER IS A SKIN CANCER (F-A4b = 1), GO TO NEXT HALF BROTHER/HALF SISTER. ELSE, GO TO F-A16.

IF NO MORE HALF BROTHER/HALF SISTER GO TO SECTION G.

### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE F-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK F-A16a.

F-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX F-A-13A)

F-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

#### BOX F-A-13A

GO TO F5 FOR NEXT HALF BROTHER/HALF SISTER. IF NO MORE HALF BROTHER/HALF SISTER, GO TO SECTION  ${\sf G}.$ 

## HALF SISTER'S/HALF BROTHER'S THIRD REPORTED PRIMARY CANCER

F-A17.			ne} have, or in what specific part of the Fody did the cancer start? [ Please tell me about the next cancer.]	IF R SAYS
		CANCER TYPE/SITE:		
			BOX F-A-14	
		IF F-A17 = RF OR DK,	GO TO F-A18.	
		- ,		
NOTE: S	SEE INTER\	VIEWER PROBING INSTRUCTI	TIONS FOR USING F-A17 PROBES	
BODY PART PROBE	F-A17a	a. [IF CANCER TYPE/SIT did the cancer start?]	TE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where	in the body
SKIN CANCER	F-A17b	. [IF CANCER ON EXTI WITHOUT ASKING]	ERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? El	LSE CODE
PROBE			YES 1	
			NO	
MELANOMA	F-A17c	:. Was it melanoma?		
PROBE			YES 1	
			NO 2	
			REFUSED	
	F-A17d	I. INTERVIEWER: SUMN	MARIZE TYPE/SITE OF THE CANCER:	
			BOX F-A-15	
		IF CANCER IS NON ME BOX F-A-19	IELANOMA SKIN CANCER (F-A17b=1 AND F-A17c=2), GO TO	
			MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN ND F-A17c=1, 7, OR 8), GO TO F-A18.	
		FOR ALL OTHERS CAI	NCERS CONTINUE TO METASTATIC PROBES IN F-A17e.	

NOTE: THE INTERVIEWER WILL CODE F-A176 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK F-A17f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

F-A17e. [INTERVIEWER CODE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

YES	1	
NO	2	(GO TO F-A18)

F-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1	
SPREAD THERE	2	(GO TO F-A22
REFUSED	7	
DON'T KNOW	8	

F-A18. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

**BOX F-A-16** 

IF AGE OR YEAR WAS GIVEN IN F-A18, GO TO BOX F-A-19. ELSE CONTINUE WITH F-A18a.

F-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### AGE RANGE OR YEAR RANGE 1800's 1900's OR A child under 13,..... 0 In {his/her} teens,........... 1 1800 to 1809.....10 1900 to 1909......10 Twenties,..... 2 1810's .....11 1910's ..... 11 Thirties,......3 1820's ......12 1920's ...... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ..... 5 1840's .....14 1940's ..... 14 Sixties, ..... 6 1850's ......15 1950's ...... 15 1960's ...... 16 Seventies, ......7 1860's ......16 Eighties, .....8 1870's ......17 1970's ...... 17 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97 DK .......98

#### BOX F-A-17

IF F-A18a = 97 OR 98 (DK OR RF), GO TO F-A18c. IF AGE RANGE IN F-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX F-A-19. ELSE, CONTINUE WITH F-A18b.

DIAGNOSIS AGE/YEAR PROBE B

DIAGNOSIS

AGE/YEAR

PROBE A

F-A18b. Would you say that was:

Early {AGE RANGE/YEAR RANGE IN F-A18a},1	(GO TO BOX F-A-19)
Mid {AGE RANGE/YEAR RANGE IN F-A18a}, or2	(GO TO BOX F-A-19)
Late {AGE RANGE/YEAR RANGE IN F-A18a}3	(GO TO BOX F-A-19)

F-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C  NOTE: THERE ARE NO QUESTIONS F-A19, F-A20, OR F-A21 AND NO BOX F-A-18.

F-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO F-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER)
NO	2	(GO TO BOX F-A-19)
REFUSED	7	(GO TO BOX F-A-19)
DON'T KNOW	8	(GO TO F-A22a)

F-A22a. IF R ANSWERS DK TO F-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO F-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

#### **BOX F-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (F-A4b = 1), GO TO F5 FOR NEXT HALF BROTHER/HALF SISTER. ELSE, GO TO F-A23.

IF NO MORE HALF BROTHER/HALF SISTER GO TO SECTION G.

### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE F-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK F-A23a.

F-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX F-A-20)

F-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

#### BOX F-A-20

GO TO F5 FOR NEXT HALF BROTHER/HALF SISTER. IF NO MORE/ HALF BROTHER HALF SISTER, GO TO SECTION G.

# **SECTION G (MOTHER AND FATHER)**

INTROI	DUCTION:
Now I w	ill ask about your biological parents.
G1.	What is your mother's name?
	MOTHER'S FIRST NAME:
G2.	What is your father's name?
	FATHER'S FIRST NAME:
	BOX G-1
GO TO	G5 TO ASK QUESTIONS ABOUT MOTHER.
NOTE: Th	ere are no questions G3, G4
G5.	Is your {mother/father} {FIRST NAME} alive?
	YES
FOR LI	/ING MOTHER/FATHER:
G6.	How old is {she/he} or in what year was {she/he} born? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]
	<b>OR</b>   _ _  AGE YEAR
	BOX G-2
	IF BOTH AGE AND YEAR IN G6 = RE OR DK. GO TO G6a, ELSE, GO TO G-A2.

G6a.

Could you estimate {her/his} age or when {she/he} was born? [IF NEEDED: {Is (she/he).../ Was it in the 1800's or 1900's?}]

AGE/YOB PROBE A

AGE RANGE OR YEAR RANGE

A child under 13,	0	1800's	OR	1900's	
In {her/his} teens,	1	1800 to 1809	10	1900 to 1909	10
Twenties,	2	1810's	11	1910's	11
Thirties,	3	1820's	12	1920's	12
Forties,	4	1830's	13	1930's	13
Fifties,	5	1840's	14	1940's	14
Sixties,	6	1850's	15	1950's	15
Seventies,	7	1860's	16	1960's	16
Eighties,	8	1870's	17	1970's	17
Nineties, or	9	1880's	18	1980's	18
One hundred or more?	10	1890's	19	1990's	19

## BOX G-3

IF G6a = RF OR DK OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO G-A2. ELSE, CONTINUE WITH G6b.

G6b. Would you say that was:

AGE/YOB PROBE B 

## FOR DECEASED FATHER/MOTHER:

G7. In what year was {she/he} born?



BOX G-4

IF YEAR IS PROVIDED IN G7, GO TO G8. ELSE, CONTINUE WITH G7a.

G7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?]

VOR	YEAR RAN	IGE	
YOB 1800's	OR	1900's	
1800 to 1809	. 10	1900 to 1909	10
1810's	. 11	1910's	11
1820's	. 12	1920's	12
1830's	. 13	1930's	13
1840's		1940's	
1850's		1950's	
1860's		1960's	
1870's		1970's	
1880's		1980's	
1890's	. 19	1990's	19
	BOX G-5		
IF G7a = RF OR DK, GO TO G8	. ELSE, CONTII	NUE WITH G7b.	
071 W 11			
G7b. Would you say that was:			
Forth	WEAD DANCE	- INI C7a) 1 (CC	) TO C0)
I TOB	-	E IN G7a}1 (GC IN G7a} or2 (GC	-
I PRUDED I		EIN G7a} of	,
Late	(/ TEAR RAINGE	: IN G/a} 3 (GC	7 10 (36)
G8. At what age or in what year did your {mo	ther/father\ \FIR	PST NAME) dia2 [ACCEPT EI]	THER AGE OR VEAR DO
NOT PROBE FOR BOTH. RECORD BOT	, ,		TILK AGE OK TEAK, DO
NOT I NOBE I ON BOTH. RECORD BO	IIIII OITEKEE	<b>7.</b> ]	
1 1	OR		
I <u>—</u> I AG		 YEAR	
AC	, <u> </u>	1 1 1 1 1 1	
	BOX G-6		
	20,730		
IF AGE OR YEAR IS PROVIDED	O IN G8, GO TO	G-A2. ELSE, CONTINUE WIT	TH G8a.

AGE/YOD PROBE A G8a. Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

AGE RANGE	OF	₹	YEAR RAN	IGE
A child under 13,	0	1800's	OR	1900's
In {her/his} teens,	1	1800 to 1809	10	1900 to 1909 10
Twenties,	2	1810's	11	1910's 11
Thirties,	3	1820's	12	1920's 12
Forties,	4	1830's	13	1930's 13
Fifties,	5	1840's	14	1940's 14
Sixties,	6	1850's	15	1950's 15
Seventies,	7	1860's	16	1960's 16
Eighties,	8	1870's	17	1970's 17
Nineties, or	9	1880's	18	1980's 18
One hundred or more?	10	1890's	19	1990's 19

# BOX G-7

IF G8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO G-A2. ELSE, CONTINUE WITH G8b.

AGE/YOD PROBE B G8b. Would you say that was:

Early {AGE /YEAR RANGE IN G8a},	. 1
Mid {AGE YEAR RANGE IN G8a}, or	. 2
Late {AGE /YEAR RANGE IN G8a}?	. 3

# **CANCER QUESTIONS**

<u>NOTE</u> : T	HERE IS NO	QUESTION G-A1			
G-A2.	{Did/Has	s} {he/she} ever {have/h	nad} cancer?		
			YES NO REFUSED DON'T KNOW	2 7	(GO TO G-A4) (GO TO BOX G-A-1) (GO TO BOX G-A-1) (GO TO G-A2a)
CANCER STATUS PROBE	G-A2a.	IF R ANSWERS DK HERE:	TO G-A2 BUT OFFERS ANY MEDICAL/HEALTH	INI	FORMATION, SUMMARIZE
		To the best of your known	owledge, would you say that {he/she}:		
			Did have cancer, Did <u>not</u> have cancer, or You're not sure? REFUSED DON'T KNOW	2 3	(GO TO G-A4)

BOX G-A-1

GO TO G5 TO ASK QUESTIONS ABOUT FATHER. IF ALREADY ASKED ABOUT FATHER, GO TO SECTION H.

# FATHER/MOTHER'S FIRST REPORTED PRIMARY CANCER

R SAYS
the body
E CODE

G-A5.

			 AGE	OR <u> </u>	 YEAR	
				BOX G-A-6		
		IF AGE OR YEAR W A5a.	'AS GIVEN IN G	-A5, GO TO G-A9.	ELSE CONT	INUE WITH G-
DIAGNOSIS	G-A5a.	Can you give me an the 1800's or 1900's		en {he/she} was dia	ignosed? [IF	NEEDED: Was {he/she}/ Was
AGE/YEAR PROBE A		AGE RANGE	OR		YEAR RAN	NGE
	A child	under 13, 0		1800's	OR	1900's
	In {his/h	er} teens, 1	1800	to 180910	) 1:	900 to 190910
	Twentie	s, 2	1810'	s11	1	910's 11
	Thirties	,3	1820'	s 12	2 1	920's 12
	,	4	1830'	s 13	1:	930's 13
	Fifties, .	5	1840'	s14	1:	940's14
	Sixties,	6	1850'	s15		950's 15
	Seventi	es,7	1860'	s16	1	960's 16
	Eighties	s,8		s17	-	970's 17
	Nineties	s, or 9	1880'	s18		980's18
	One hu	ndred or more?10	1890'	s19	1:	990's 19
		IF AGE RANGE IN G IF G-A5a = 97 OR 98	•	· · · · · · · · · · · · · · · · · · ·	•	
IAGNOSIS	G-A5b.	Would you say that v	was:			
AGE/YEAR PROBE B		Mid {AGE RANGE/Y	EAR RANGE IN	I G-A5a}, or		1 (GO TO G-A9) 2 (GO TO G-A9) 3 (GO TO G-A9)
	G-A5c.	Would you say that 50 or older?	{he/she} was ur	nder 50 when you v	were diagnos	sed with this cancer, or was {he/s
DIAGNOSIS AGE/YEAR PROBE C				AGE 50 DR OLDER		

At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

NOTE: THERE ARE NO QUESTIONS G-A6, G-A7, OR G-A8

G-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO G-A10)
NO	2	(GO TO BOX G-A-7A)
REFUSED	7	(GO TO BOX G-A-7A)
DON'T KNOW	8	(GO TO G-A9a)

G-A9a. IF R ANSWERS DK TO G-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,1 (GO TO G-A10)Did not have another cancer, or2 (GO TO BOX G-A-7A)You're not sure?3 (GO TO BOX G-A-7A)

## BOX G-A-7A

GO TO G5 TO ASK QUESTIONS ABOUT FATHER. IF ALREADY ASKED ABOUT FATHER, GO TO SECTION H.

# FATHER'S/MOTHER'S SECOND REPORTED PRIMARY CANCER

G-A10	-		have, or in what specific part of the body did ase tell me about the next cancer.]	the cancer start? [IF R SAYS
		CANCER TYPE/SITE:		
		5/4/62/4 / // 2/6//2: <u>—</u>		
			BOX G-A-8	
		IF G-A10 = RF OR DK, GC	0 TO G-A11	
	l			
<u>NOTE</u> :	SEE INTER\	VIEWER PROBING INSTRUCTIONS	FOR USING G-A10 PROBES	
BODY PART PROBE	G-A10a	a. [IF CANCER TYPE/SITE   did the cancer start?]	NOT A RECOGNIZABLE BODY PART, SAY:	Specifically, where in the body
SKIN CANCER	G-A10b	o. [IF CANCER ON EXTER WITHOUT ASKING]	NAL BODY PART, OR IF NEEDED, ASK: Wa	as it skin cancer? ELSE CODE
PROBE			YES NO DON'T KNOW	2 (GO TO G-A10d)
MELANOMA	G-A10d	c. Was it melanoma?		
PROBE			YES	2 7
	G-A10	d. INTERVIEWER: SUMMAR	RIZE TYPE/SITE OF THE CANCER:	
	ı			
			BOX G-A-9	
		IF CANCER IS NON MELA G-A15	NOMA SKIN CANCER (G-A10b=1 <u>AND</u> G-A10	0c=2), GO TO
			ANOMA SKIN CANCER OR UNKNOWN TYPE G-A10c=1, 7, OR 8), GO TO G-A11.	OF SKIN
		FOR ALL OTHERS CANCI	ERS CONTINUE TO METASTATIC PROBES II	N G-A10e

<u>NOTE</u>: THE INTERVIEWER WILL CODE G-A10e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK G-A10f.

<u>DEFINITION</u>: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

	G-A10e. [INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN,
METASTATIC PROBES FOR	COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]
SECOND PRIMARY	YES
1 KIIWAKT	140
	G-A10f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?
	STARTED IN THE {cancer site} 1
	SPREAD THERE
	DON'T KNOW 8
G-A11.	At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]
	OR      AGE YEAR
	BOX G-A-10
	IF AGE OR YEAR WAS GIVEN IN G-A11, GO TO G-A15. ELSE CONTINUE WITH G-A11a.

DIAGNOSIS AGE/YEAR PROBE A

> DIAGNOSIS AGE/YEAR PROBE B

DIAGNOSIS AGE/YEAR G-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR	Y	EAR R	ANGE	
A child under 13,		1800's         1800 to 1809       10         1810's       11         1820's       12         1830's       13         1840's       14         1850's       15         1860's       16         1870's       17         1880's       18         1890's       19	OR	1900's  1900 to 1909	
RFDK	(DK O	BOX G-A-11  R RF), GO TO G-A11c.			
G-A11b. Would you say that was Early {AGE RANGE/YEARING AGE	H G-A	0 (UNDER 13) OR 10 (100 C .11b. ANGE IN G-A11a}, NGE IN G-A11a}, or			
G-A11c. Would you say that {I {he/she} 50 or older?	1U	) was under 50 when {he/s NDER AGE 50			<b>;</b>

NOTE: THERE ARE NO QUESTIONS G-A12, G-A13, OR G-A14.

G-A15. [IF COMING FROM G-A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX G-A-12)
NO	2	(GO TO BOX G-A-13)
REFUSED	7	(GO TO BOX G-A-13)
DON'T KNOW	8	(GO TO G-A15a)

#### BOX G-A-12

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO G-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO G-A17 TO COLLECT THIRD PRIMARY CANCER

G-A15a. IF R ANSWERS DK TO G-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO BOX G-A-12)
Did not have another cancer, or	2	
Vou're not sure?	3	

#### **BOX G-A-13**

IF FIRST REPORTED CANCER IS A SKIN CANCER (G-A4b = 1), GO TO G5 TO ASK ABOUT FATHER. ELSE, GO TO G-A16.

IF ALREADY ASKED ABOUT FATHER, GO TO SECTION H.

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE G-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK G-A16a.

G-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX G-A-13A)

G-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

BOX G-A-13A

GO TO G5 TO ASK QUESTIONS ABOUT FATHER. IF ALREADY ASKED ABOUT FATHER, GO TO SECTION H.

# MOTHER'S/FATHER'S THIRD REPORTED PRIMARY CANCER

G-A17.	-		e} have, or in what specific part of the body did the cancer start? [II Please tell me about the next cancer.]	F R SAYS
		CANCER TYPE/SITE:_		
		IF G-A17 = RF OR DK,	BOX G-A-14 GO TO G-A18.	
<u>NOTE</u> : S	SEE INTERV	IEWER PROBING INSTRUCTIO	ONS FOR USING G-A17 PROBES	
BODY PART PROBE	G-A17a	. [IF CANCER TYPE/SIT did the cancer start?]	TE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in	n the body
	G- <b>Δ17</b> h	IIE CANCER ON EXT	ERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? EL	SE CODE
SKIN CANCER PROBE	G-ATT	WITHOUT ASKING]	YES	)
MELANOMA PROBE	G-A17c.	. Was it melanoma?	YES	
	G-A17d	. INTERVIEWER: SUMM	IARIZE TYPE/SITE OF THE CANCER:	
		BOX G-A-19 ELSE IF CANCER IS MI	BOX G-A-15  ELANOMA SKIN CANCER (G-A17b=1 AND G-A17c=2), GO TO  ELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN ND G-A17c=1, 7, OR 8), GO TO G-A18	

<u>NOTE</u>: THE INTERVIEWER WILL CODE G-A17e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK G-A17f.

FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN G-A17e.

WITH G-A18a.

**<u>DEFINITION</u>**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

	G-A17e. [INTERVIEWER CODE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, E	
METASTATIC PROBES FOR THIRD PRIMARY	COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]  YES	
	G-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part body?	of the
	STARTED IN THE {cancer site}       1         SPREAD THERE       2 (GO TO G-A22)         REFUSED       7         DON'T KNOW       8	
G-A18.	At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YOU NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DESCRIPTION OF THE RECORD BOTH.	,
	_  OR   _  AGE YEAR	
	BOX G-A-16	
	IF AGE OR YEAR WAS GIVEN IN G-A18, GO TO BOX G-A-19. ELSE CONTINUE	

G-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

DIAGNOSIS AGE/YEAR PROBE A

AGE RANGE	OR	YEAR RANGE			
A child under 13, 0		1800's	OR	1900's	
In {his/her} teens, 1	180	00 to 180910		1900 to 190910	
Twenties, 2	181	0's11		1910's11	
Thirties,3	182	20's12		1920's 12	
Forties, 4	183	30's13		1930's13	
Fifties, 5	184	0's14		1940's 14	
Sixties, 6	185	60's15		1950's 15	
Seventies,7	186	60's16		1960's 16	
Eighties,8	187	'0's17		1970's 17	
Nineties, or 9	188	80's18		1980's 18	
One hundred or more?10	189	00's19		1990's 19	
RF	97				
DK	98				

## **BOX G-A-17**

IF G-A18a = 97 OR 98 (DK OR RF), GO TO G-A18c.

IF AGE RANGE IN G-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX G-A-19.

ELSE, CONTINUE WITH G-A18b.

DIAGNOSIS AGE/YEAR PROBE B G-A18b. Would you say that was:

Early {AGE RANGE/YEAR RANGE IN G-A18a},1	(GO TO BOX G-A-19)
Mid {AGE RANGE/YEAR RANGE IN G-A18a}, or2	(GO TO BOX G-A-19)
Late {AGE RANGE/YEAR RANGE IN G-A18a}	(GO TO BOX G-A-19)

G-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

<b>DIAGNOSIS</b>
AGE/YEAR
PROBE C

UNDER AGE 50	1 (GO TO BOX G-A-19)
AGE 50 OR OLDER	2 (GO TO BOX G-A-19)

NOTE: THERE ARE NO QUESTIONS G-A19, G-A20, OR G-A21 AND NO BOX G-A-18.

G-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO G-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER)
NO	2	(GO TO BOX G-A-19)
REFUSED	7	(GO TO BOX G-A-19)
DON'T KNOW	8	(GO TO G-A22a)

G-A22a. IF R ANSWERS DK TO G-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO G-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

## **BOX G-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (G-A4b = 1), GO TO G5 TO ASK QUESTIONS ABOUT FATHER. ELSE, GO TO G-A23.

IF ALREADY ASKED ABOUT FATHER, GO TO SECTION H.

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE G-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK G-A23a.

G-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX G-A-20)

G-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX G-A-20

GO TO G5 TO ASK QUESTIONS ABOUT FATHER. IF ALREADY ASKED ABOUT FATHER, GO TO SECTION H.

# SECTION H (MOTHER'S MOTHER AND MOTHER'S FATHER)

## INTRODUCTION:

Now I	will ask you about your gr	randparents, aunts, and	l uncles, both living and	deceased, on your	mother's side of the
family.	Please include only biolog	gical or blood relatives.	Do include step or adopte	ed relatives.	

H1.	What is your mother's mother's name?	
	MOTHER'S MOTHER'S FIRST NAME:	
H2.	What is your mother's father's name?	
	MOTHER'S FATHER'S FIRST NAME:	
	BOX H-1	
GO TO	H5 TO ASK QUESTIONS ABOUT MOTHER'S MOTHER.	
<u>NOTE</u> : T	nere are no questions H3, H4	
H5.	Is your {mother's mother/mother's father} {FIRST NAME} alive?         YES       1 (GO TO H6)         NO       2 (GO TO H7)         DK       8 (GO TO H6)         RF       7 (GO TO H6)	
FOR L	VING MOTHER'S MOTHER/MOTHER'S FATHER:	
H6.	How old is {she/he} or in what year was {she/he} born? [ACCEPT EITHER AGE OR YEAR, DO NOT FOR BOTH. RECORD BOTH IF OFFERED.]	PROBE
	<b>OR</b>   _ _  AGE YEAR	
	BOX H-2	
	IF BOTH AGE AND YEAR IN H6 = RF OR DK, GO TO H6a. ELSE, GO TO H-A2.	

AGE/YOB PROBE A Could you estimate {her/his} age or when {she/he} was born? [IF NEEDED: {Is (she/he).../ Was it in the 1800's or 1900's?}]

AGE RANGE OR YEAR RANGE

A child under 13,	0	1800's		OR	1900's	
In {her/his} teens,	1	1800 to 1809	10		1900 to 1909	10
Twenties,	2	1810's	11		1910's	11
Thirties,	3	1820's	12		1920's	12
Forties,	4	1830's	13		1930's	13
Fifties,	5	1840's	14		1940's	14
Sixties,	6	1850's	15		1950's	15
Seventies,	7	1860's	16		1960's	16
Eighties,	8	1870's	17		1970's	17
Nineties, or	9	1880's	18		1980's	18
One hundred or more?	10	1890's	19		1990's	19

## BOX H-3

IF H6a = RF OR DK OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO H-A2. ELSE, CONTINUE WITH H6b.

H6b. Would you say that was:

AGE/YOB PROBE B 

## FOR DECEASED MOTHER'S FATHER/MOTHER'S MOTHER:

H7. In what year was {she/he} born?

|\_\_|\_|\_| YEAR

BOX H-4

IF YEAR IS PROVIDED IN H7, GO TO H8. ELSE, CONTINUE WITH H7a.

H7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?]

		YEAR RAN	GE		
YOB	1800's	OR	1900's		
PROBE A	1800 to 1809		1900 to 1909	. 10	
	1810's		1910's		
	1820's		1920's		
	1830's		1930's		
	1840's		1940's		
	1850's		1950's		
	1860's		1960's		
	1870's		1970's	. 17	
	1880's	18	1980's	. 18	
	1890's	19	1990's	. 19	
		DOVILE			
	IF H7a = RF OR DK, GO TO H8.	BOX H-5 ELSE, CONTIN	IUE WITH H7b.		
H	7b. Would you say that was:				
YOB PROBE B	Mid {Y	EAR RANGE I	IN H7a}	OTO H8)	
H8. At what age or in what year did your {mother's mother/mother's father} {FIRST NAME} die? [ACCEPT EITHE AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]					
	_ AGE	OR	 YEAR		
		BOX H-6			
	IF AGE OR YEAR IS PROVIDED	IN H8, GO TO	H-A2. ELSE, CONTINUE WIT	ГН Н8а.	

**AGE RANGE** 

Seventies,..... 7

Eighties,..... 8

Nineties, or ...... 9

One hundred or more?... 10

OR

H8a. Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

**YEAR RANGE** 

1960's ...... 16

1970's ...... 17

1980's ...... 18

1990's ..... 19

AGE/YOD PROBE A

A child under 13,	0	1800's		OR	1900's	
In {her/his} teens,	1	1800 to 1809	10		1900 to 1909	10
Twenties,	2	1810's	11		1910's	11
Thirties,	3	1820's	12		1920's	12
Forties,	4	1830's	13		1930's	13
Fifties,	5	1840's	14		1940's	14
Sixties,	6	1850's	15		1950's	15

1860's ...... 16

1870's ...... 17

1880's ...... 18

1890's ..... 19

## BOX H-7

IF H8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO H-A2. ELSE, CONTINUE WITH H8b.

AGE/YOD PROBE B H8b. Would you say that was:

Early {AGE /YEAR RANGE IN H8a},	1
Mid {AGE YEAR RANGE IN H8a}, or	2
Late {AGE /YEAR RANGE IN H8a}?	3

# **CANCER QUESTIONS**

<u>NOTE</u> : T	HERE IS NO	QUESTION H-A1			
H-A2.	{Did/Ha	s} {he/she} ever {have/had} car	ncer?		
		NO Ri	ES O EFUSED ON'T KNOW	2 7	(GO TO H-A4) (GO TO BOX H-A-1) (GO TO BOX H-A-1) (GO TO H-A2a)
CANCER STATUS PROBE	H-A2a.	IF R ANSWERS DK TO H-A HERE:	A2 BUT OFFERS ANY MEDICAL/HEALTH	INF	FORMATION, SUMMARIZI
		To the best of your knowledge	e, would you say that {he/she}:		
		Di Yo Ri	id have cancer,	1 2 3 7 8	(GO TO H-A4)

# BOX H-A-1

GO TO H5 TO ASK QUESTIONS ABOUT MOTHER'S FATHER. IF ALREADY ASKED ABOUT MOTHER'S FATHER, GO TO SECTION I.

# MOTHER'S FATHER/MOTHER'S MOTHER'S FIRST REPORTED PRIMARY CANCER

<u>NOTE</u> :	THERE IS NO	O QUESTION H-A3.	
H-A4	_	ype of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SA THAN ONE KIND SAY: Please tell me about the first cancer.]	YS
		CANCER TYPE/SITE:	_
<u>NOTE</u> :	THERE IS NO	D BOX H-A-2 OR H-A-3	
		BOX H-A-4	
		IF H-A4 = RF OR DK, GO TO H-A5.	
<u>NOTE</u> :	SEE INTERV	/IEWER PROBING INSTRUCTIONS FOR USING H-A4 PROBES	
BODY PART PROBE	H-A4a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the bodid the cancer start?]	ody —
SKIN CANCER PROBE	H-A4b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CO WITHOUT ASKING]  YES	DE
MELANOMA PROBE	H-A4c.	YES       1         NO       2         REFUSED       7         DON'T KNOW       8	
	H-A4d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF CANCER:	_
		BOX H-A-5	
		IF CANCER IS A NON MELANOMA SKIN CANCER (H-A4b = 1 (YES) $\underline{AND}$ H-A4c = 2 (NO)), GO TO H-A9	

H-A5.	At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YE DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]									
			 AGE	OR	ll_	 YEAR				
		IF AGE OR YEAR W A5a.	AS GIVEN IN H	BOX H-A-6 -A5, GO TO H	-A9. ELSI	E CONTINUE WI	ТН Н-			
DIAGNOSIS AGE/YEAR PROBE A	H-A5a.	Can you give me an the 1800's or 1900's		en {he/she} wa	-	sed? [IF NEEDED	D: Was {he/s	he}/ Was it in		
		AGE RANGE	OK		16	AR RANGE				
		under 13, 0	4000	1800's	40	OR 1000 to 10	1900's	40		
	-	ner} teens, 1		to 1809	-		909	-		
		s, 2		s s						
		,3 4		S S						
		5		s S						
		6		S						
		es,7		S						
		5,8		S						
		s, or 9	1880'	s	18					
		ndred or more?10	1890'	s	19	1990's		19		
			_							
		IF AGE RANGE IN H	-A52 - 0 (LINDS	BOX H-A-7	(100 OP I	MORE) GO TO I	<b>-</b> _∧o			
		IF H-A5a = 97 OR 98	•	•	-	•				
DIAGNOSIS	H-A5b.	Would you say that v	vas:							
AGE/YEAR		Early {AGE RANGE/	VEAD DANCE	INI LI AESI		1 (6	20 TO H A0			
PROBE B		Mid {AGE RANGE/Y								
		Late {AGE RANGE/								
DIAGNOSIS	H-A5c.	Would you say that 50 or older?	{he/she} was ur	nder 50 when	you were	diagnosed with t	this cancer,	or was {he/she}		
PROBE C				AGE 50 OR OLDER						
AGE/YEAR		oo or older:								

NOTE: THERE ARE NO QUESTIONS H-A6, H-A7, OR H-A8

H-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO H-A10)
NO	2	(GO TO BOX H-A-7A)
REFUSED	7	(GO TO BOX H-A-7A)
DON'T KNOW	8	(GO TO H-A9a)

H-A9a. IF R ANSWERS DK TO H-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE Did have another cancer,1 (GO TO H-A10)Did not have another cancer, or2 (GO TO BOX H-A-7A)You're not sure?3 (GO TO BOX H-A-7A)

## BOX H-A-7A

GO TO H5 TO ASK QUESTIONS ABOUT MOTHER'S FATHER. IF ALREADY ASKED ABOUT MOTHER'S FATHER, GO TO SECTION I.

# MOTHER'S FATHER'S/MOTHER'S MOTHER'S SECOND REPORTED PRIMARY CANCER

H-A10.	What type of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAY MORE THAN ONE KIND SAY: Please tell me about the next cancer.]
	CANCER TYPE/SITE:
	BOX H-A-8  IF H-A10 = RF OR DK, GO TO H-A11.
<u>NOTE</u> : S	EE INTERVIEWER PROBING INSTRUCTIONS FOR USING H-A10 PROBES
BODY PART PROBE	H-A10a. [IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the boo did the cancer start?]
OKIN	H-A10b. [IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE COD
SKIN CANCER PROBE	WITHOUT ASKING]  YES
MELANOMA	DON'T KNOW
PROBE	YES
	H-A10d. INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:
	BOX H-A-9  IF CANCER IS NON MELANOMA SKIN CANCER (H-A10b=1 AND H-A10c=2), GO TO
	H-A15  ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (H-A10b=1 AND H-A10c=1, 7, OR 8), GO TO H-A11.
	FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN H-A10e

NOTE: THE INTERVIEWER WILL CODE H-A10e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK H-A10f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

H-A10e. [INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR SECOND PRIMARY

YES	1	
NO	2	(GO TO H-A11)

H-A10f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1
SPREAD THERE	2 (GO TO H-A15)
REFUSED	7
DON'T KNOW	8

H-A11. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

## **BOX H-A-10**

IF AGE OR YEAR WAS GIVEN IN H-A11, GO TO H-A15. ELSE CONTINUE WITH H-A11a.

H-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### **AGE RANGE** OR YEAR RANGE 1800's 1900's OR A child under 13,..... 0 1800 to 1809.....10 1900 to 1909......10 Twenties,..... 2 1810's ..... 11 1910's ..... 11 Thirties,......3 1820's ......12 1920's ...... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ..... 5 1840's .....14 1940's ..... 14 Sixties, ..... 6 1850's ......15 1950's ...... 15 1960's ...... 16 1860's ......16 Eighties, .....8 1870's ......17 1970's ...... 17 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97 DK .......98

## BOX H-A-11

IF H-A11a = 97 OR 98 (DK OR RF), GO TO H-A11c. IF AGE RANGE IN H-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO H-A15. ELSE, CONTINUE WITH H-A11b.

H-A11b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

DIAGNOSIS

AGE/YEAR

PROBE A

Early {AGE RANGE/YEAR RANGE IN H-A11a}, 1	(GO TO H-A15)
Mid {AGE RANGE/YEAR RANGE IN H-A11a}, or	(GO TO H-A15)
Late {AGE RANGE/YEAR RANGE IN H-A11a}3	(GO TO H-A15)

H-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

NOTE: THERE ARE NO QUESTIONS H-A12, H-A13, OR H-A14.

H-A15. [IF COMING FROM H-A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX H-A-12)
NO	2	(GO TO BOX H-A-13)
REFUSED	7	(GO TO BOX H-A-13)
DON'T KNOW	8	(GO TO H-A15a)

#### **BOX H-A-12**

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO H-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO H-A17 TO COLLECT THIRD PRIMARY CANCER

H-A15a. IF R ANSWERS DK TO H-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO BOX H-A-12)
Did <u>not</u> have another cancer, or	2	
You're not sure?	3	

## **BOX H-A-13**

IF FIRST REPORTED CANCER IS A SKIN CANCER (H-A4b = 1), GO TO H5 TO ASK ABOUT MOTHER'S FATHER. ELSE, GO TO H-A16.

IF ALREADY ASKED ABOUT MOTHER'S FATHER, GO TO SECTION I.

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE H-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK H-A16a.

H-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX H-A-13A)

H-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

#### BOX H-A-13A

GO TO H5 TO ASK QUESTIONS ABOUT MOTHER'S FATHER. IF ALREADY ASKED ABOUT MOTHER'S FATHER, GO TO SECTION I.

# MOTHER'S MOTHER'S FATHER'S THIRD REPORTED PRIMARY CANCER

H-A17.		ype of cancer did {he/she} have, or in what spe THAN ONE KIND SAY: Please tell me about the		ncer start? [IF R SAYS
		CANCER TYPE/SITE:		
		BOX H-A-	14	
		IF H-A17 = RF OR DK, GO TO H-A18.		
<u>NOTE</u> : S	SEE INTERV	/IEWER PROBING INSTRUCTIONS FOR USING H-A17 PRO	BES	
BODY PART PROBE	H-A17a	a. [IF CANCER TYPE/SITE NOT A RECOGNIZA did the cancer start?]	ABLE BODY PART, SAY: Specifica	ally, where in the body
SKIN CANCER	H-A17b	o. [IF CANCER ON EXTERNAL BODY PART, C WITHOUT ASKING]	)R IF NEEDED, ASK: Was it skin	cancer? ELSE CODE
PROBE			1 2 (GO	TO 11 (474)
			2 (GO	•
MELANOMA	H-A17c	:. Was it melanoma?		
PROBE			1 2	
		REFUSED		
	H-A17d	I. INTERVIEWER: SUMMARIZE TYPE/SITE OF	THE CANCER:	
	[	BOX H-A-	15	
				0.70
		IF CANCER IS NON MELANOMA SKIN CANCI BOX H-A-19	=R (N-A170=1 <u>AND</u> H-A17C=2), GC	
		ELSE IF CANCER IS MELANOMA SKIN CANC CANCER (H-A17b=1 AND H-A17c=1, 7, OR 8),		N
		FOR ALL OTHERS CANCERS CONTINUE TO	METASTATIC PROBES IN H-A17	e.

NOTE: THE INTERVIEWER WILL CODE H-A176 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK H-A17f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

H-A17e. [INTERVIEWER CODE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR THIRD PRIMARY

YES	1	
NO	2	(GO TO H-A18)

H-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1
SPREAD THERE	2 (GO TO H-A22)
REFUSED	7
DON'T KNOW	8

H-A18. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

**BOX H-A-16** 

IF AGE OR YEAR WAS GIVEN IN H-A18, GO TO BOX H-A-19. ELSE CONTINUE WITH H-A18a.

H-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### **AGE RANGE** OR YEAR RANGE 1800's 1900's A child under 13,..... 0 OR In {his/her} teens,........... 1 1800 to 1809.....10 1900 to 1909..... 10 Twenties,..... 2 1810's ......11 1910's ..... 11 Thirties,.....3 1820's ......12 1920's ..... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ...... 5 1840's ......14 1940's ...... 14 Sixties, ..... 6 1850's ......15 1950's ...... 15 Seventies, ......7 1860's ...... 16 1960's ...... 16 1870's ...... 17 1970's ...... 17 Eighties, .....8 Nineties, or..... 9 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97

#### **BOX H-A-17**

IF H-A18a = 97 OR 98 (DK OR RF), GO TO H-A18c.

IF AGE RANGE IN H-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX H-A-19.

ELSE, CONTINUE WITH H-A18b.

DK .......98

H-A18b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR

PROBE A

Early {AGE RANGE/YEAR RANGE IN H-A18a},	1	(GO TO BOX H-A-19)
Mid {AGE RANGE/YEAR RANGE IN H-A18a}, or	2	(GO TO BOX H-A-19)
Late {AGE RANGE/YEAR RANGE IN H-A18a}	3	(GO TO BOX H-A-19)

H-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS	UNDER AGE 50	1	(GO TO BOX H-A-19)
AGE/YEAR	AGE 50 OR OLDER	2	(GO TO BOX H-A-19)
PROBE C			

NOTE: THERE ARE NO QUESTIONS H-A19, H-A20, OR H-A21 AND NO BOX H-A-18.

H-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

 YES
 1 (GO TO H-A-17 TO COLLECT 3<sup>RD</sup> CANCER)

 NO
 2 (GO TO BOX H-A-19)

 REFUSED
 7 (GO TO BOX H-A-19)

 DON'T KNOW
 8 (GO TO H-A22a)

H-A22a. IF R ANSWERS DK TO H-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO H-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

## **BOX H-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (H-A4b = 1), GO TO H5 TO ASK QUESTIONS ABOUT MOTHER'S FATHER. ELSE, GO TO H-A23.

IF ALREADY ASKED ABOUT MOTHER'S FATHER, GO TO SECTION I.

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE H-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK H-A23a.

H-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX H-A-20)

H-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX H-A-20

GO TO H5 TO ASK QUESTIONS ABOUT MOTHER'S FATHER. IF ALREADY ASKED ABOUT MOTHER'S FATHER, GO TO SECTION I.

# SECTION I (MOTHER'S SISTERS AND MOTHER'S BROTHERS)

l1.	{Does/Did} your mother have any full sisters, that is sisters who share her same biological mother				
	YESNO				
l2.	What are their first names starting with the oldest? [PROBE: Any other	ers, living or deceased?]			
	MOTHER'S SISTER 1:				
	MOTHER'S SISTER 2:				
	MOTHER'S SISTER 3:				
	MOTHER'S SISTER 4:				
	[UP TO MOTHER'S SISTER 16]				
13.	{Does/Did} your mother have any full brothers?				
	YES				
	NO	2 (GO TO BOX I-1)			
l4.	What are their first names starting with the oldest? [PROBE: Any other	ers, living or deceased?]			
	MOTHER'S BROTHER 1:				
	MOTHER'S BROTHER 2:				
	MOTHER'S BROTHER 3:				
	MOTHER'S BROTHER 4:				
	[UP TO MOTHER'S BROTHER 16]				
	BOX I–1				
	IF I1 = 1 (YES) AND/OR I3 = 1(YES), CONTINUE TO I5 FOR SISTER/MOTHER'S BROTHER LISTED IN I2/I4.	R FIRST MOTHER'S			
	ELSE, GO TO SECTION J.				
15.	Is your {mother's sister/ mother's brother} {FIRST NAME} alive?				
	YES				
	DK RF	- ( /			

## FOR LIVING MOTHER'S SISTER/ MOTHER'S BROTHER:

16.		ld is {she/he} or in OTH. RECORD BO	-		oorn? [ACC	EPT EITHI	ER AGE OR YEA	AR, DO NOT I	PROBE
				_   GE	OR	 YEAF	 ?		
		IF BOTH AGE AN	ND YEAR IN I		K I-2 K, GO TO I	6a. ELSE, (	GO TO I-A2.		
AGE/YO PROBE		Could you estim 1800's or 1900's		ge or when {	she/he} was	s born? [IF	NEEDED: {Is (sh	e/he)/ Was	it in the
		AGE RANGE	OR			YEA	R RANGE		
	A child	under 13,	0		1800's		OR	1900's	
		his} teens,	1	1800 to 18	09	10	1900 to 1	909	10
	Twenti	es,	2	1810's		11	1910's		11
	Thirties	5,	3	1820's		12	1920's		12
	Forties	,	4	1830's		13	1930's		13
	Fifties,		5	1840's		14	1940's		14
	Sixties	,	6	1850's		15	1950's		15
	Sevent	ies,	7	1860's		16	1960's		16
	Eightie	s,	8	1870's		17	1970's		17
	Ninetie	s, or	9	1880's		18	1980's		18
	One hu	undred or more?	10	1890's		19	1990's		19
		IF I6a = RF OR E MORE), GO TO		RANGE = 0	•	3) OR 10 (0	ONE HUNDRED (	DR	
	l6b.	Would you say th	nat was:						
AGE/YOB PROBE B			Mid	{AGE /YEAR	R RANGE II	N 16a}, or	1 (GO TO2 (GO TO3 (GO TO	I-A2)	
FOR DE	CEASE	D MOTHER'S SIS	TER/MOTHER	'S BROTHE	<u>R</u>				
17.	In wha	t year was {she/he}	born?						
			l	_  YEAR	_l				

#### BOX I-4

### IF YEAR IS PROVIDED IN 17, GO TO 18. ELSE, CONTINUE WITH 17a.

I7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?]

YOB PROBE A

YEAR RANGE								
1800's	OR	1900's						
1800 to 1809	10	1900 to 1909	10					
1810's	11	1910's	11					
1820's	12	1920's	12					
1830's	13	1930's	13					
1840's	14	1940's	14					
1850's	15	1950's	15					
1860's	16	1960's	16					
1870's	17	1970's	17					
1880's	18	1980's	18					
1890's	19	1990's	19					

BOX I-5

IF I7a = RF OR DK, GO TO I8. ELSE, CONTINUE WITH I7b.

I7b. Would you say that was:

YOB PROBE B

Early {YEAR RANGE IN I7a}1	(GO TO 18)
Mid {YEAR RANGE IN I7a} or2	(GO TO 18)
Late {/YEAR RANGE IN I7a}3	(GO TO 18)

18. At what age or in what year did your {mother's sister/mother's brother} {FIRST NAME} die? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

_	OR	
AGE		YEAR

BOX I-6

IF AGE OR YEAR IS PROVIDED IN 18, GO TO I-A2. ELSE, CONTINUE WITH 18a.

I8a. Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

AGE/YOD PROBE A

AGE RANGE OR YEAR RANGE

A child under 13,	0	1800's		OR	1900's	
In {her/his} teens,	1	1800 to 1809	10		1900 to 1909	10
Twenties,	2	1810's	11		1910's	11
Thirties,	3	1820's	12		1920's	12
Forties,	4	1830's	13		1930's	13
Fifties,	5	1840's	14		1940's	14
Sixties,	6	1850's	15		1950's	15
Seventies,	7	1860's	16		1960's	16
Eighties,	8	1870's	17		1970's	17
Nineties, or	9	1880's	18		1980's	18
One hundred or more?	10	1890's	19		1990's	19

### BOX I-7

IF I8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO I-A2. ELSE, CONTINUE WITH I8b.

AGE/YOD PROBE B I8b. Would you say that was:

Early {AGE /YEAR RANGE IN I8A},	1
Mid {AGE YEAR RANGE IN I8A}, or	2
Late {AGE /YEAR RANGE IN I8A}?	3

## **CANCER QUESTIONS**

<u>NOTE</u> : ⊺	HERE IS NO	QUESTION I-A1			
I-A2.	{Did/Ha	s} {he/she} ever {have/had}	cancer?		
			YES	2 7	(GO TO I-A4) (GO TO BOX I-A-1) (GO TO BOX I-A-1) (GO TO I-A2a)
CANCER STATUS PROBE	I-A2a.	IF R ANSWERS DK TO HERE:	I-A2 BUT OFFERS ANY MEDICAL/HEALTH	INF	FORMATION, SUMMARIZE
		To the best of your knowle	edge, would you say that {he/she}:		
			Did have cancer,	2	(GO TO I-A4)

BOX I-A-1

GO TO 15 FOR NEXT MOTHER'S SISTER/MOTHER'S BROTHER.

IF NO MORE MOTHER'S SISTER/MOTHER'S BROTHER, GO TO SECTION J.

## MOTHER'S SISTER'S/MOTHER'S BROTHER FIRST REPORTED PRIMARY CANCER

<u>NOTE</u> : T	THERE IS NO	O QUESTION I-A3.	
I-A4.	-	ype of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAY THAN ONE KIND SAY: Please tell me about the first cancer.]	S
		CANCER TYPE/SITE:	
<u>NOTE</u> : 7	THERE IS NO	D BOX I-A-2 OR I-A-3	
		BOX I-A-4	
		IF I-A4 = RF OR DK, GO TO I-A5.	
<u>NOTE</u> :	SEE INTER\	/IEWER PROBING INSTRUCTIONS FOR USING I-A4 PROBES	
BODY PART PROBE	I-A4a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the bood did the cancer start?]	lу
SKIN CANCER PROBE	I-A4b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE COD WITHOUT ASKING]  YES	E
MELANOMA PROBE	I-A4c.	YES       1         NO       2         REFUSED       7         DON'T KNOW       8	
	I-A4d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF CANCER:	-
		BOX I-A-5  IF CANCER IS A NON MELANOMA SKIN CANCER (I-A4b = 1 (YES) <u>AND</u> I-A4c = 2 (NO)), GO TO I-A9	

I-A5.		t age or in what year OT PROBE FOR BOTH			_	=	
			 AGE	OR	_ _ YEAI	 R	
		IF ACE OR VEAR	VAC CIVEN IN LA	BOX I-A-6	L SE CON	TINUE WITH LAFO	
DIAGNOSIS	I-A5a.	Can you give me ar the 1800's or 1900's	n estimate of wher			INUE WITH I-Asa.	e/she}/ Was it in
AGE/YEAR PROBE A		AGE RANGE	OR		YEAR R	ANGE	
		under 13, 0		1800's	OR	1900's	
		her} teens,		1809		1900 to 1909 1910's	
		3,3				1920's	
		, 4				1930's	
		5				1940's	
		6				1950's	
		ies,7				1960's	
		s,8				1970's	
		s, or 9 indred or more?10				1980's 1990's	
			-				
				BOX I-A-7			
		IF AGE RANGE IN I IF I-A5a = 97 OR 98					
DIAGNOSIS	I-A5b.	Would you say that	was:				
AGE/YEAR		Farly (AGF RANGE	YEAR RANGE IN	N I-A5A}		1 (GO TO I-A	.9)
PROBE B		Mid {AGE RANGE/	YEAR RANGE IN	I-A5A}, or		2 (GO TO I-A	.9)
	I-A5c.	Would you say that 50 or older?	{he/she} was und	der 50 when yo	ou were diagi	nosed with this cance	er, or was {he/she}
DIAGNOSIS AGE/YEAR PROBE C			_	GE 50R OLDER			

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NOTE: THERE ARE NO QUESTIONS I-A6, I-A7, OR I-A8

{Did/Has} {he/she} ever {have/had} any other kind of cancer? I-A9.

> YES ...... 1 (GO TO I-A10) REFUSED ...... 7 (GO TO BOX I-A-7A) DON'T KNOW ...... 8 (GO TO I-A9a)

I-A9a. IF R ANSWERS DK TO I-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE

HERE:

To the best of your knowledge, would you say that {he/she}

**MULTIPLE PRIMARY PROBE** 

#### **BOX I-A-7A**

GO TO 15 FOR NEXT MOTHER'S SISTER/MOTHER'S BROTHER.

IF NO MORE MOTHER'S SISTER/MOTHER'S BROTHER, GO TO SECTION J.

## MOTHER'S SISTER'S/MOTHER'S BROTHER SECOND REPORTED PRIMARY CANCER

I-A10.	•	cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS ONE KIND SAY: Please tell me about the next cancer.]				
		CANCER TYPE/SITE:				
	Г					
		BOX I-A-8				
		IF I-A10 = RF OR DK, GO TO I-A11.				
<u>NOTE</u> : 3	SEE INTERV	IEWER PROBING INSTRUCTIONS FOR USING I-A10 PROBES				
BODY PART PROBE	I-A10a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]				
SKIN CANCER PROBE	I-A10b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]				
PROBE		YES				
MELANOMA	I-A10c.	Was it melanoma?				
PROBE		YES				
	I-A10d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:				
		BOX I-A-9				
		IF CANCER IS NON MELANOMA SKIN CANCER (I-A10b=1 AND I-A10c=2), GO TO I-A15				
		ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (I-A10b=1 AND I-A10c=1, 7, OR 8), GO TO I-A11.				
		FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN I-A10e				

NOTE: THE INTERVIEWER WILL CODE I-A100 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK I-A10f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

<u>DEI MATTO</u>	<u>ne</u> . ALL Ni	A ONTED GANGENG ANE AGGGMED I NIMMANT GANGENG GIVE FOR METAGIATIO I NOBEG GGGGEGT GTHENWIGE.
METASTATIC PROBES FOR SECOND PRIMARY		[INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]  YES
	I-A10f.	Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?
		STARTED IN THE {cancer site}       1         SPREAD THERE       2 (GO TO I-A15)         REFUSED       7         DON'T KNOW       8
I-A11.		age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, F PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]      OR      AGE YEAR
	ſ	BOY I-A-10

IF AGE OR YEAR WAS GIVEN IN I-A11, GO TO I-A15. ELSE CONTINUE WITH I-A11a.

I-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR		YEAR R	ANGE
A child under 13, 0		1800's	OR	1900's
In {his/her} teens, 1		1800 to 180910		1900 to 190910
Twenties, 2		1810's11		1910's 11
Thirties,3		1820's12		1920's 12
Forties, 4		1830's13		1930's13
Fifties, 5		1840's14		1940's 14
Sixties, 6		1850's15		1950's 15
Seventies,7		1860's16		1960's 16
Eighties,8		1870's17		1970's 17
Nineties, or 9		1880's18		1980's 18
One hundred or more?10		1890's19		1990's 19
RF		97		
DK		98		

### BOX I-A-11

IF I-A11a = 97 OR 98 (DK OR RF), GO TO I-A11c. IF AGE RANGE IN I-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO I-A15. ELSE, CONTINUE WITH I-A11b.

I-A11b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR PROBE A

Early {AGE RANGE/YEAR RANGE IN I-A11a},1	(GO TO I-A15)
Mid {AGE RANGE/YEAR RANGE IN I-A11a}, or2	(GO TO I-A15)
Late {AGE RANGE/YEAR RANGE IN I-A11a}3	(GO TO I-A15)

I-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C

UNDER AGE 50	1
AGE 50 OR OLDER	2

NOTE: THERE ARE NO QUESTIONS I-A12, I-A13, OR I-A14.

I-A15. [IF COMING FROM I-A10F SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX I-A-12)
NO	2	(GO TO BOX I-A-13)
REFUSED	7	(GO TO BOX I-A-13)
DON'T KNOW	8	(GO TO I-A15a)

#### BOX I-A-12

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO I-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO I-A17 TO COLLECT THIRD PRIMARY CANCER

I-A15a. IF R ANSWERS DK TO I-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO BOX I-A-12)
Did not have another cancer, or	2	
You're not sure?	3	

#### **BOX I-A-13**

IF FIRST REPORTED CANCER IS A SKIN CANCER (I-A4b = 1), GO TO NEXT MOTHER'S SISTER/MOTHER'S BROTHER. ELSE, GO TO I-A16.

IF NO MORE MOTHER'S SISTER/MOTHER'S BROTHER, GO TO SECTION J.

### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

NOTE: THE INTERVIEWER WILL CODE I-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK I-A16a.

I-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX I-A-13A)

I-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX I-A-13A

GO TO 15 FOR NEXT MOTHER'S SISTER/MOTHER'S BROTHER.

IF NO MORE MOTHER'S SISTER/MOTHER'S BROTHER, GO TO SECTION J.

## MOTHER'S SISTER'S/MOTHER'S BROTHER'S THIRD REPORTED PRIMARY CANCER

I-A17.	-	pe of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYSTHAN ONE KIND SAY: Please tell me about the next cancer.]
		CANCER TYPE/SITE:
		BOX I-A-14
		IF I-A17 = RF OR DK, GO TO I-A18.
<u>NOTE</u> :	SEE INTERV	IEWER PROBING INSTRUCTIONS FOR USING I-A17 PROBES
BODY PART PROBE	I-A17a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]
SKIN CANCER	I-A17b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]
PROBE		YES
MELANOMA	I-A17c.	Was it melanoma?
PROBE		YES
	I-A17d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:
		BOX I-A-15
		IF CANCER IS NON MELANOMA SKIN CANCER (I-A17b=1 <u>AND</u> I-A17c=2), GO TO BOX I-A-19
		ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (I-A17b=1 AND I-A17c=1, 7, OR 8), GO TO I-A18.
		FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN I-A17e.

NOTE: THE INTERVIEWER WILL CODE I-A17e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK I-A17f.

DEFINITION

<u>DEFINITI</u>	<u>ON</u> : ALL RI	EPORTED CANCERS AR	E ASSUMED PRIMARY CANCERS UNL	ESS METASTATIC PROBE	S SUGGEST OTHERWISE.
METASTATIC PROBES FOR THIRD PRIMARY	]	FOLLOWING CO		"ABDOMEN", ADRE	1
	I-A17f.	Did the cancer actubody?	ually start in the {CANCER TYP	E/SITE} or did it sprea	ad there from another part of the
			STARTED IN THE {can SPREAD THERE REFUSED DON'T KNOW		2 (GO TO I-A22) 7
I-A18.		-	was the {CANCER SITE/TYPE H. RECORD BOTH, IF OFFERI		CEPT EITHER AGE OR YEAR BIVE A RANGE, ENTER DK]
			<u> </u>   OR AGE	_ _  YEAR	

BOX I-A-16

IF AGE OR YEAR WAS GIVEN IN I-A18, GO TO BOX I-A-19. ELSE CONTINUE WITH I-A18a.

I-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### AGE RANGE OR YEAR RANGE 1800's 1900's A child under 13,..... 0 OR 1800 to 1809.....10 In {his/her} teens,........... 1 1900 to 1909..... 10 Twenties,..... 2 1810's ......11 1910's ..... 11 Thirties,.....3 1820's ......12 1920's ..... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ...... 5 1840's ......14 1940's ...... 14 Sixties, ..... 6 1850's ......15 1950's ...... 15 Seventies, ......7 1860's ...... 16 1960's ...... 16 1870's ...... 17 1970's ...... 17 Eighties, .....8 Nineties, or..... 9 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97

#### BOX I-A-17

IF I-A18a = 97 OR 98 (DK OR RF), GO TO I-A18c.

IF AGE RANGE IN I-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX I-A-19

ELSE, CONTINUE WITH I-A18b.

DK .......98

I-A18b. Would you say that was:

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR

PROBE A

Early {AGE RANGE/YEAR RANGE IN I-A18a},1	(GO TO BOX I-A-19)
Mid {AGE RANGE/YEAR RANGE IN I-A18a}, or	(GO TO BOX I-A-19)
Late {AGE RANGE/YEAR RANGE IN I-A18a}3	(GO TO BOX I-A-19)

I-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C

UNDER AGE 50	1 (GO	TO BO	OX I-	4-19)
AGE 50 OR OLDER	2 (GO	TO BO	OX I-	4-19)

NOTE: THERE ARE NO QUESTIONS I-A19, I-A20, OR I-A21 AND NO BOX I-A-18.

I-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO I-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER)
NO	2	(GO TO BOX I-A-19)
REFUSED	7	(GO TO BOX I-A-19)
DON'T KNOW	8	(GO TO I-A22a)

I-A22a. IF R ANSWERS DK TO I-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO I-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

#### **BOX I-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (I-A4b = 1), GO TO I5 FOR NEXT MOTHER'S SISTER/MOTHER'S BROTHER. ELSE, GO TO I-A23.

IF NO MORE MOTHER'S SISTER/MOTHER'S BROTHER, GO TO SECTION J.

### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

NOTE: THE INTERVIEWER WILL CODE I-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK I-A23a.

I-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX I-A-20)

I-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

BOX I-A-20

GO TO 15 FOR NEXT MOTHER'S SISTER/MOTHER'S BROTHER.

IF NO MORE MOTHER'S SISTER/MOTHER'S BROTHER, GO TO SECTION J.

# SECTION J (FATHER'S MOTHER AND FATHER'S FATHER)

## INTRODUCTION:

Now	l will ask you abo	out your grandparents	, aunts, and uncles,	, both living and decea	ised, on your father's sid	e of the
family	. Please include	only biological or blood	relatives. Do includ	de step or adopted relat	íves.	

J1.	What is your father's mother's name?
	FATHER'S MOTHER'S FIRST NAME:
J2.	What is your father's father's name?
	FATHER'S FATHER'S FIRST NAME:
	BOX J-1
GO TO	J5 TO ASK QUESTIONS ABOUT FATHER'S MOTHER.
NOTE: TH	IERE ARE NO QUESTIONS J3, J4
J5.	Is your {father's mother/father's father} {FIRST NAME} alive?
	YES
FOR LI	/ING FATHER'S MOTHER/FATHER'S FATHER:
J6.	How old is {she/he} or in what year was {she/he} born? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]
	<b>OR</b>   _ _  AGE YEAR
	BOX J-2  IF BOTH AGE AND YEAR IN J6 = RF OR DK, GO TO J6a. ELSE, GO TO J-A2.

J6a. AGE/YOB PROBE A Could you estimate {her/his} age or when {she/he} was born? [IF NEEDED: {Is (she/he).../ Was it in the 1800's or 1900's?}]

AGE RANGE OR YEAR RANGE

A child under 13,	0	1800's		OR	1900's	
In {her/his} teens,	1	1800 to 1809	10		1900 to 1909	10
Twenties,	2	1810's	11		1910's	11
Thirties,	3	1820's	12		1920's	12
Forties,	4	1830's	13		1930's	13
Fifties,	5	1840's	14		1940's	14
Sixties,	6	1850's	15		1950's	15
Seventies,	7	1860's	16		1960's	16
Eighties,	8	1870's	17		1970's	17
Nineties, or	9	1880's	18		1980's	18
One hundred or more?	10	1890's	19		1990's	19

#### BOX J-3

IF J6a = RF OR DK OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO J-A2. ELSE, CONTINUE WITH J6b.

J6b. Would you say that was:

AGE/YOB PROBE B 

## FOR DECEASED FATHER'S FATHER/FATHER'S MOTHER:

J7. In what year was {she/he} born?

|\_\_|\_|\_| YEAR

BOX J-4

IF YEAR IS PROVIDED IN J7, GO TO J8. ELSE, CONTINUE WITH J7a.

J7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?]

	YEAR RANGE				
YOB	1800's		OR	1900's	
PROBE A	1800 to 1809	10		1900 to 1909	10
	1810's	11		1910's	11
	1820's	12		1920's	12
	1830's	13		1930's	13
	1840's	14		1940's	14
	1850's	15		1950's	15
	1860's	16		1960's	16

1870's...... 17

1880's...... 18

BOX J-5

IF J7a = RF OR DK, GO TO J8. ELSE, CONTINUE WITH J7b.

1970's ...... 17

1980's ...... 18

1990's ...... 19

J7b. Would you say that was:

YOB PROBE B	Early {YEAR RANGE IN J7a}	(GO TO J8)
	Late {/YEAR RANGE IN J7a}	(GO TO J

J8. At what age or in what year did your {father's mother/father's father} {FIRST NAME} die? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

_	OR	
AGE		YFAR

BOX J-6

IF AGE OR YEAR IS PROVIDED IN J8, GO TO J-A2. ELSE, CONTINUE WITH J8a.

J8a.

Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

AGE/YOD PROBE A

AGE RANGE OR YEAR RANGE

A child under 13,	0	1800's	C	R	1900's	
In {her/his} teens,	1	1800 to 1809	10	1900 to 1	909	10
Twenties,	2	1810's	11	1910's		11
Thirties,	3	1820's	12	1920's		12
Forties,	4	1830's	13	1930's		13
Fifties,	5	1840's	14	1940's		14
Sixties,	6	1850's	15	1950's		15
Seventies,	7	1860's	16	1960's		16
Eighties,	8	1870's	17	1970's		17
Nineties, or	9	1880's	18	1980's		18
One hundred or more?	10	1890's	19	1990's		19

## BOX J-7

IF J8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO J-A2. ELSE, CONTINUE WITH J8b.

AGE/YOD PROBE B J8b. Would you say that was:

Early {AGE /YEAR RANGE IN J8a},	1
Mid {AGE YEAR RANGE IN J8a}, or	2
Late {AGE /YEAR RANGE IN J8a}?	3

## **CANCER QUESTIONS**

<u>NOTE</u> : 7	HERE IS NO	QUESTION J-A1		
J-A2.	{Did/Ha	s} {he/she} ever {have/had} c	ancer?	
		Λ F	YES NO REFUSED DON'T KNOW	1 (GO TO J-A4) 2 (GO TO BOX J-A-1) 7 (GO TO BOX J-A-1) 8 (GO TO J-A2a)
CANCER STATUS PROBE	J-A2a.	IF R ANSWERS DK TO J. HERE:	-A2 BUT OFFERS ANY MEDICAL/HEALTH	INFORMATION, SUMMARIZE
		To the best of your knowled	ge, would you say that {he/she}:	
		[ \ F	Did have cancer,	

## BOX J-A-1

GO TO J5 TO ASK QUESTIONS ABOUT FATHER'S FATHER. IF ALREADY ASKED ABOUT FATHER'S FATHER, GO TO SECTION K.

## FATHER'S FATHER/FATHER'S MOTHER'S FIRST REPORTED PRIMARY CANCER

<u>NOTE</u> : 1	THERE IS NO	O QUESTION J-A4.	
J-A4.	-	ype of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R THAN ONE KIND SAY: Please tell me about the first cancer.]	SAYS
		CANCER TYPE/SITE:	
<u>NOTE</u> : 7	THERE IS NO	O BOX J-A-2 OR J-A-3	
		BOX J-A-4	
		IF J-A4 = RF OR DK, GO TO J-A5.	
<u>NOTE</u> : 3	SEE INTERV	VIEWER PROBING INSTRUCTIONS FOR USING J-A4 PROBES	
BODY PART PROBE	J-A4a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the did the cancer start?]	body
SKIN CANCER PROBE	J-A4b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE (WITHOUT ASKING)  YES	CODE
MELANOMA PROBE	J-A4c.	YES       1         NO       2         REFUSED       7         DON'T KNOW       8	
	J-A4d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF CANCER:	
		BOX J-A-5	
		IF CANCER IS A NON MELANOMA SKIN CANCER (J-A4b = 1 (YES) AND J-A4c = 2 (NO)), GO TO J-A9	

J-A5.

	DO NO	T PROBE FOR BOTH. R	ECORD BOTH, IF	OFFERED. IF F	R CAN ONLY GI	VE A RANGE, ENTER I	DK]
			 AGE	OR	_    YEAR		
			BO	X J-A-6			
		IF AGE OR YEAR WAS			SE CONTINUE \	VITH J-A5a.	
	J-A5a.	Can you give me an esthe 1800's or 1900's?]	timate of when {he	e/she} was diagr	nosed? [IF NEE[	DED: Was {he/she}/ W	/as it in
		AGE RANGE	OR	١	YEAR RANGE		
DIAGNOSIS AGE/YEAR PROBE A	In {his/h Twenties Thirties Forties, Fifties, Sixties, Seventi Eighties Nineties One hu	under 13,	1800 to 180 1810's 1820's 1830's 1840's 1850's 1860's 1870's 1890's  97	•	1910's 1920's 1930's 1940's 1950's 1960's 1970's 1980's 1990's		
DIAGNOSIS AGE/YEAR PROBE B	J-A5b.	Would you say that was Early {AGE RANGE/YE Mid {AGE RANGE/YEA Late {AGE RANGE/YEA	AR RANGE IN J-A R RANGE IN J-A5	ia}, or	2	(GO TO J-A9)	
	J-A5c.	Would you say that {he 50 or older?	e/she} was under 5	50 when you we	re diagnosed wi	th this cancer, or was {	he/she}
DIAGNOSIS AGE/YEAR PROBE C				50 LDER		1 2	

At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR,

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NOTE: THERE ARE NO QUESTIONS J-A6, J-A7, OR J-A8

J-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO J-A10)
NO	2	(GO TO BOX J-A-7A)
REFUSED	7	(GO TO BOX J-A-7A)
DON'T KNOW	8	(GO TO J-A9a)

J-A9a. IF R ANSWERS DK TO J-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

#### BOX J-A-7A

GO TO J5 TO ASK QUESTIONS ABOUT FATHER'S FATHER. IF ALREADY ASKED ABOUT FATHER'S FATHER, GO TO SECTION K.

## FATHER'S FATHER'S/FATHER'S MOTHER'S SECOND REPORTED PRIMARY CANCER

J-A10.	-		have, or in what specific part of the body did ease tell me about the next cancer.]	the cancer start? [IF R SAYS
		CANCER TYPE/SITE: _		
	г			
			BOX J-A-8	
		IF J-A10 = RF OR DK, GO	O TO J-A11.	
<u>NOTE</u> : S	EE INTERV	IEWER PROBING INSTRUCTION	IS FOR USING J-A10 PROBES	
BODY PART PROBE	J-A10a.	[IF CANZCER TYPE/SITI did the cancer start?]	E NOT A RECOGNIZABLE BODY PART, SAY:	Specifically, where in the body
	I 440b	IIE CANCER ON EVIE	DNAL BODY BART, OR IF NEEDED, ASK, W.	oo it akin aanaar? ELSE CODE
SKIN CANCER	J-ATUD.	WITHOUT ASKING]	RNAL BODY PART, OR IF NEEDED, ASK: Wa	as it skin cancer? ELSE CODE
PROBE			YES	1 2 (GO TO J-A10d)
			DON'T KNOW	
	J-A10c.	Was it melanoma?		
MELANOMA PROBE			YES	
FROBE			NOREFUSED	7
			DON'T KNOW	8
	J-A10d.	INTERVIEWER: SUMMA	RIZE TYPE/SITE OF THE CANCER:	
			BOX J-A-9	
		IF CANCER IS NON MEL J-A15	ANOMA SKIN CANCER (J-A10b=1 <u>AND</u> J-A10d	c=2), GO TO
			LANOMA SKIN CANCER OR UNKNOWN TYPE 2 J-A10c=1, 7, OR 8), GO TO J-A11.	OF SKIN
		FOR ALL OTHERS CANO	CERS CONTINUE TO METASTATIC PROBES I	N J-A10e

NOTE: THE INTERVIEWER WILL CODE J-A10e WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK J-A10f.

<u>**DEFINITION:**</u> ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

J-A <sup>2</sup>	10e. [INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRA	
METASTATIC		
PROBES FOR SECOND	YES 1	
PRIMARY	NO 2 (GO TO J-A11)	

J-A10f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1	
SPREAD THERE	2	(GO TO J-A15)
REFUSED	7	
DON'T KNOW	8	

J-A11. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

BOX J-A-10

IF AGE OR YEAR WAS GIVEN IN J-A11, GO TO J-A15. ELSE CONTINUE WITH J-A11a.

J-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR		YEAR R	ANGE
A child under 13, 0		1800's	OR	1900's
In {his/her} teens, 1	1800 to	180910		1900 to 190910
Twenties, 2	1810's	11		1910's 11
Thirties,3	1820's	12		1920's 12
Forties, 4	1830's	13		1930's13
Fifties, 5	1840's	14		1940's14
Sixties, 6	1850's	15		1950's15
Seventies,7	1860's	16		1960's 16
Eighties,8	1870's	17		1970's 17
Nineties, or 9	1880's	18		1980's18
One hundred or more?10	1890's	19		1990's 19
RF	97			
DK	98			

### BOX J-A-11

IF J-A11a = 97 OR 98 (DK OR RF), GO TO J-A11c. IF AGE RANGE IN J-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO J-A15. ELSE, CONTINUE WITH J-A11b.

DIAGNOSIS AGE/YEAR PROBE B

DIAGNOSIS AGE/YEAR PROBE A

J-A11b. Would you say that was:

Early {AGE RANGE/YEAR RANGE IN J-A11a},1	(GO TO J-A15)
Mid {AGE RANGE/YEAR RANGE IN J-A11a}, or2	(GO TO J-A15)
Late {AGE RANGE/YEAR RANGE IN J-A11a}	(GO TO J-A15)

DIAGNOSIS AGE/YEAR PROBE C J-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

UNDER AGE 50	1
AGE 50 OR OLDER	2

NOTE: THERE ARE NO QUESTIONS J-A12, J-A13, OR J-A14.

J-A15. [IF COMING FROM J-A10f SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX J-A-12)
NO	2	(GO TO BOX J-A-13)
REFUSED	7	(GO TO BOX J-A-13)
DON'T KNOW	8	(GO TO J-A15a)

#### BOX J-A-12

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO J-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO J-A17 TO COLLECT THIRD PRIMARY CANCER

J-A15a. IF R ANSWERS DK TO J-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO BOX J-A-12)
Did not have another cancer, or	2	
You're not sure?	3	

#### BOX J-A-13

IF FIRST REPORTED CANCER IS A SKIN CANCER (J-A4b = 1), GO TO J5 TO ASK ABOUT FATHER'S FATHER. ELSE, GO TO J-A16.

IF ALREADY ASKED ABOUT FATHER'S FATHER, GO TO SECTION K.

**PRIMARY** 

### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

NOTE: THE INTERVIEWER WILL CODE J-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK J-A16a.

J-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

NODES/NODES OR STOMACH?]

YES	1	
NO	2	(GO TO BOX J-A-13A

J-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX J-A-13A

GO TO J5 TO ASK QUESTIONS ABOUT FATHER'S FATHER. IF ALREADY ASKED ABOUT FATHER'S FATHER, GO TO SECTION K.

## FATHER'S MOTHER'S/FATHER'S FATHER'S THIRD REPORTED PRIMARY CANCER

J-A17.	-	rpe of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS THAN ONE KIND SAY: Please tell me about the next cancer.]
		CANCER TYPE/SITE:
		BOX J-A-14
		IF J-A17 = RF OR DK, GO TO J-A18.
<u>NOTE</u> : S	SEE INTERV	IEWER PROBING INSTRUCTIONS FOR USING J-A17 PROBES
BODY PART PROBE	J-A17a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]
SKIN	J-A17b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE
CANCER PROBE		WITHOUT ASKING]         YES
MELANOMA	J-A17c.	Was it melanoma?
PROBE		YES
	J-A17d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:
		BOX J-A-15
		IF CANCER IS NON MELANOMA SKIN CANCER (J-A17b=1 <u>AND</u> J-A17c=2), GO TO BOX J-A-19
		ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (J-A17b=1 AND J-A17c=1, 7, OR 8), GO TO J-A18.
		FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN 1-4176

NOTE: THE INTERVIEWER WILL CODE J-A176 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK J-A17f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

J-A17e. [INTERVIEWER CODE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR THIRD PRIMARY

YES	1	
NO	2	(GO TO J-A18

J-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1	
SPREAD THERE	2	(GO TO J-A22)
REFUSED	7	
DON'T KNOW	8	

J-A18. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

BOX J-A-16

IF AGE OR YEAR WAS GIVEN IN J-A18, GO TO BOX J-A-19. ELSE CONTINUE WITH J-A18a.

J-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR	YEAR RANGE	
A child under 13, 0 In {his/her} teens, 1 Twenties, 2 Thirties, 3 Forties, 4 Fifties, 5 Sixties, 6 Seventies, 7 Eighties, 8	1800's  1800 to 1809  1810's  1820's  1830's  1840's  1850's  1860's  1870's	OR 1900's10 1900 to 1909	11 12 13 14 15 16
Nineties, or	-		

## BOX J-A-17

IF J-A18a = 97 OR 98 (DK OR RF), GO TO J-A18c. IF AGE RANGE IN J-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX J-A-19.

ELSE, CONTINUE WITH J-A18b.

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR PROBE A

J-A18b. Would you say that was:

Early {AGE RANGE/YEAR RANGE IN J-A18a},1	(GO TO BOX J-A-19)
Mid {AGE RANGE/YEAR RANGE IN J-A18a}, or2	(GO TO BOX J-A-19)
Late {AGE RANGE/YEAR RANGE IN J-A18a}	(GO TO BOX J-A-19)

J-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS	UNDER AGE 50 1 (GO TO BOX J-A-19)
AGE/YEAR	AGE 50 OR OLDER 2 (GO TO BOX J-A-19)
PROBE C	

NOTE: THERE ARE NO QUESTIONS J-A19, J-A20, OR J-A21 AND NO BOX J-A-18.

J-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO J-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER
NO	2	(GO TO BOX J-A-19)
REFUSED	7	(GO TO BOX J-A-19)
DON'T KNOW	8	(GO TO J-A22a)

J-A22a. IF R ANSWERS DK TO J-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO J-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	

#### BOX J-A-19

IF FIRST REPORTED CANCER IS A SKIN CANCER (J-A4b = 1), GO TO J5 TO ASK QUESTIONS ABOUT FATHER'S FATHER. ELSE, GO TO J-A23.

IF ALREADY ASKED ABOUT FATHER'S FATHER, GO TO SECTION K.

### METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

NOTE: THE INTERVIEWER WILL CODE J-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK J-A23a.

METASTATIC PROBES FOR FIRST

**PRIMARY** 

J-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

YES	1	
NO	2	(GO TO BOX J-A-20)

J-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX J-A-20

GO TO J5 TO ASK QUESTIONS ABOUT FATHER'S FATHER. IF ALREADY ASKED ABOUT FATHER'S FATHER, GO TO SECTION K.

# SECTION K (FATHER'S SISTERS AND FATHER'S BROTHERS)

K1.	{Does/Did} your father have any full sisters, that is sisters who share his same bid	ological mother and father?
	YES	
K2.	What are their first names starting with the oldest? [PROBE: Any others, living or deceased?]	
	FATHER'S SISTER 1:	
	FATHER'S SISTER 2:	
	FATHER'S SISTER 3:	
	FATHER'S SISTER 4:	
	[UP TO FATHER'S SISTER 16]	
K3.	{Does/Did} your father have any full brothers?	
	YES	
K4.	What are their first names starting with the oldest? [PROBE: Any others, living or deceased?]	
	FATHER'S BROTHER 1:	
	FATHER'S BROTHER 2:	
	FATHER'S BROTHER 3:	
	FATHER'S BROTHER 4:	
	[UP TO FATHER'S BROTHER 16]	
	BOX K-1	
	IF K1 = 1 (YES) AND/OR K3 = 1(YES), CONTINUE TO K5 FOR FIRST SISTER/FATHER'S BROTHER LISTED IN K2/K4.	FATHER'S
	ELSE, GO TO SECTION J.	
K5.	Is your {father's sister/ father's brother} {FIRST NAME} alive?	
	YES  NO  DK  RF	2 (GO TO K7) 8 (GO TO K6)

# FOR LIVING FATHER'S SISTER/ FATHER'S BROTHER:

K6.		old is {she/he} or in		as {she/he} born? [A RED.]	CCEPT EITH	IER AGE OR YEAR	, DO NOT PROBE
			A	_   <b>OR</b> GE	 YEA	 R	
		IF BOTH AGE AI	ND YEAR IN K	BOX K-2 6 = RF OR DK, GO	ΓΟ K6a. ELSI	E, GO TO K-A2.	
AGE/		Could you estim 1800's or 1900's		ge or when {she/he}	was born? [If	F NEEDED: {Is (she/	he)/ Was it in the
PROB	3E A	AGE RANGE	OR		YE	AR RANGE	
	In {he Twen Thirtie Fortie Fifties Sixtie Sever Eighti Nineti		1 2 3 4 5 6 7 8 9 10	1800's  1800 to 1809  1810's  1820's  1830's  1850's  1860's  1870's  1890's  BOX K-3  E RANGE = 0 (UNDE		1910's 1920's 1930's 1940's 1960's 1970's 1980's	1900's  09
	K6b.	Would you say tl		ly {AGE /YEAR RANG		1 /CO TO K	A2)
AGE/\ PROE			Mid	AGE /YEAR RANG (AGE / RANGE IN I	E IN K6a}, or	2 (GO TO K	-A2)
<u>FOR E</u> K7.		ED FATHER'S SIST		S BROTHER			
			<u> </u>	_    YEAR			

## BOX K-4

## IF YEAR IS PROVIDED IN K7, GO TO K8. ELSE, CONTINUE WITH K7a.

K7a. Could you estimate when {she/he} was born? [IF NEEDED, SAY: Was it in the 1800's or 1900's?]

YOB	
PROBE A	

YEAR RANGE								
<b>1800's</b> OR <b>1900's</b>								
1800 to 1809	10	1900 to 1909	10					
1810's	11	1910's	11					
1820's	12	1920's	12					
1830's	13	1930's	13					
1840's	14	1940's	14					
1850's	15	1950's	15					
1860's	16	1960's	16					
1870's	17	1970's	17					
1880's	18	1980's	18					
1890's	19	1990's	19					

BOX K-5

IF K7a = RF OR DK, GO TO K8. ELSE, CONTINUE WITH K7b.

K7b. Would you say that was:

YOB
PROBE B

Early {YEAR RANGE IN K7a}1	(GO TO K8)
Mid {YEAR RANGE IN K7a} or2	(GO TO K8)
Late {/YEAR RANGE IN K7a}3	(GO TO K8)

K8. At what age or in what year did your {father's sister/father's brother} {FIRST NAME} die? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH IF OFFERED.]

	OR	
AGE		YFAR

BOX K-6

IF AGE OR YEAR IS PROVIDED IN K8, GO TO K-A2. ELSE, CONTINUE WITH K8a.

AGE/YOD PROBE A K8a. Can you give me an estimate of when {she/he} died? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?}]

AGE RANGE	OR		YEAR RAN	IGE	
A child under 13,	0	1800's	OR	1900's	
In {her/his} teens,	1	1800 to 1809	10	1900 to 1909	10
Twenties,	2	1810's	11	1910's	11
Thirties,	3	1820's	12	1920's	12
Forties,	4	1830's	13	1930's	13
Fifties,	5	1840's	14	1940's	14
Sixties,	6	1850's	15	1950's	15
Seventies,	7	1860's	16	1960's	16
Eighties,	8	1870's	17	1970's	17
Nineties, or	9	1880's	18	1980's	18
One hundred or more?	10	1890's	19	1990's	19

# BOX K-7

IF K8a = DK OR RF, OR IF AGE RANGE = 0 (UNDER 13) OR 10 (ONE HUNDRED OR MORE), GO TO K-A2. ELSE, CONTINUE WITH K8b.

AGE/YOD PROBE B K8b. Would you say that was:

Early {AGE /YEAR RANGE IN K8A},	1
Mid {AGE YEAR RANGE IN K8A}, or	2
Late {AGE /YEAR RANGE IN K8A}?	3

# **CANCER QUESTIONS**

<u> <b>NOTE</b></u> : Т	HERE IS NO	QUESTION K-A1							
K-A2.	{Did/Ha	as} {he/she} ever {have/had} cancer?							
			YES	2 7	(GO TO K-A4) (GO TO BOX K-A-1) (GO TO BOX K-A-1) (GO TO K-A2a)				
CANCER STATUS PROBE	K-A2a.	IF R ANSWERS DK TO HERE:	K-A2 BUT OFFERS ANY MEDICAL/HEALTH	INI	FORMATION, SUMMARIZE				
		To the best of your knowl	edge, would you say that {he/she}:						
			Did have cancer,  Did <u>not</u> have cancer, or  You're not sure?  REFUSED  DON'T KNOW	2 3 7	(GO TO K-A4)				

BOX K-A-1

GO TO K5 FOR NEXT FATHER'S SISTER/FATHER'S BROTHER.

# FATHER'S SISTER'S/FATHER'S BROTHER FIRST REPORTED PRIMARY CANCER

<u>NOTE</u> :	NOTE: THERE IS NO QUESTION K-A3.							
K-A4	-	pe of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS THAN ONE KIND SAY: Please tell me about the first cancer.]						
		CANCER TYPE/SITE:						
<u>NOTE</u> :	THERE IS NO	BOX K-A-2 OR K-A-3						
		BOX K-A-4						
		IF K-A4 = RF OR DK, GO TO K-A5.						
NOTE	SEE INTERV	EWER PROBING INSTRUCTIONS FOR USING K-A4 PROBES						
BODY PART PROBE	K-A4a.	[IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]						
SKIN CANCER PROBE	K-A4b.	[IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE WITHOUT ASKING]  YES						
		NO						
MELANOMA PROBE	K-A4c.	Was it melanoma?						
TROBL		YES						
		REFUSED 7 DON'T KNOW 8						
	K-A4d.	INTERVIEWER: SUMMARIZE TYPE/SITE OF CANCER:						
		BOX K-A-5						
		IF CANCER IS A NON MELANOMA SKIN CANCER (K-A4b = 1 (YES) <u>AND</u> K-A4c = 2 (NO)), GO TO K-A9						

K-A5.	At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]							
				_   OR AGE		_  YEAR		
				BOX K-A	-6			
		IF AGE OR YEAR \ A5a.	WAS GIVEN	N IN K-A5, GO TO	O K-A9. ELS	SE CONTINUE	WITH K-	
	K-A5a.	Can you give me a the 1800's or 1900		of when {he/she}	was diagn	osed? [IF NEE[	DED: Was {he	s/she}/ Was it in
		AGE RANGE	OR		Y	EAR RANGE		
DIAGNOSIS AGE/YEAR PROBE A	In {his/h Twenties Thirties Forties, Fifties, Sixties, Seventi Eighties Nineties One hu	under 13,	K-A5a = 0	98 BOX K-A (UNDER 13) OR		1910's 1920's 1930's 1940's 1950's 1960's 1970's 1980's 1990's		11 12 13 14 15 16 17
DIAGNOSIS AGE/YEAR PROBE B	K-A5b.	Would you say that Early {AGE RANGE/ Mid {AGE RANGE/ Late {AGE RANGE	E/YEAR RA YEAR RAN	IGE IN K-A5A}, o	r		2 (GO TO K	(-A9)
DIAGNOSIS AGE/YEAR PROBE C	K-A5c.	Would you say tha 50 or older?	UN	vas under 50 wh DER AGE 50 E 50 OR OLDER			th this cancer	r, or was {he/she}

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NOTE: THERE ARE NO QUESTIONS K-A6, K-A7, OR K-A8

K-A9. {Did/Has} {he/she} ever {have/had} any other kind of cancer?

> YES ...... 1 (GO TO K-A10) REFUSED ...... 7 (GO TO BOX K-A-7A) DON'T KNOW ...... 8 (GO TO K-A9a)

K-A9a. IF R ANSWERS DK TO K-A9 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

**MULTIPLE PRIMARY PROBE** 

#### **BOX K-A-7A**

GO TO K5 FOR NEXT FATHER'S SISTER/FATHER'S BROTHER.

# FATHER'S SISTER'S/FATHER'S BROTHER SECOND REPORTED PRIMARY CANCER

K-A10.	-	ype of cancer did {he/she} have, or in what specific part of the body did the cancer start? THAN ONE KIND SAY: Please tell me about the next cancer.]	[IF R SAYS
		CANCER TYPE/SITE:	
	_		
		BOX K-A-8	
		IF K-A10 = RF OR DK, GO TO K-A11.	
<u>NOTE</u> : S	SEE INTERV	VIEWER PROBING INSTRUCTIONS FOR USING K-A10 PROBES	
BODY PART PROBE	K-A10a	a. [IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where did the cancer start?]	in the body
SKIN CANCER	K-A10b	<ul> <li>IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? If WITHOUT ASKING]</li> </ul>	ELSE CODE
PROBE		YES	•
MELANOMA	K-A10c.	:. Was it melanoma?	
PROBE		YES 1	
		NO	
		DON'T KNOW 8	
	K-A10d	I. INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:	
	Γ	DOVICA O	
		BOX K-A-9	
		IF CANCER IS NON MELANOMA SKIN CANCER (K-A10b=1 AND K-A10c=2), GO TO K-A15	
		ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (K-A10b=1 AND K-A10c=1, 7, OR 8), GO TO K-A11.	
		FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN K-A10e	

NOTE: THE INTERVIEWER WILL CODE K-A100 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK K-A10f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

K-A10e. [INTERVIEWER CODE WITHOUT ASKING: IS SECOND REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR SECOND PRIMARY

YES	1	
NO	2	(GO TO K-A11)

K-A10f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1	
SPREAD THERE	2	(GO TO K-A15)
REFUSED	7	
DON'T KNOW	R	

K-A11. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

## **BOX K-A-10**

IF AGE OR YEAR WAS GIVEN IN K-A11, GO TO K-A15. ELSE CONTINUE WITH K-A11a.

K-A11a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

AGE RANGE	OR	YEAR RANGE
A child under 13,	1800's         1800 to 1809       10         1810's       11         1820's       12         1830's       13         1840's       14         1850's       15         1860's       16         1870's       17         1880's       18	1910's       11         1920's       12         1930's       13         1940's       14         1950's       15         1960's       16         1970's       17
One hundred or more?10  RF  DK	1890's19	
	BOX K-A-11	

IF K-A11a = 97 OR 98 (DK OR RF), GO TO K-A11c. IF AGE RANGE IN K-A11a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO K-A15. ELSE, CONTINUE WITH K-A11b.

DIAGNOSIS AGE/YEAR PROBE B

DIAGNOSIS AGE/YEAR PROBE A

K-A11b. Would you say that was:

Early {AGE RANGE/YEAR RANGE IN K-A11a},	1	(GO TO K-A15)
Mid {AGE RANGE/YEAR RANGE IN K-A11a}, or	2	(GO TO K-A15)
Late {AGE RANGE/YEAR RANGE IN K-A11a}	3	(GO TO K-A15)

K-A11c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C

JNDER AGE 50	1
AGE 50 OR OLDER	2

NOTE: THERE ARE NO QUESTIONS K-A12, K-A13, OR K-A14.

K-A15. [IF COMING FROM K-A10f SAY: I won't ask any other questions about this cancer since it's not the original cancer site, but] {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO BOX K-A-12)
NO	2	(GO TO BOX K-A-13)
REFUSED	7	(GO TO BOX K-A-13)
DON'T KNOW	8	(GO TO K-A15a)

#### **BOX K-A-12**

IF ONLY ONE PRIMARY CANCER REPORTED, GO BACK TO K-A10 TO COLLECT SECOND PRIMARY CANCER.

ELSE, IF TWO PRIMARY CANCERS REPORTED GO TO K-A17 TO COLLECT THIRD PRIMARY CANCER

K-A15a. IF R ANSWERS DK TO K-A15 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO BOX K-A-12)
Did not have another cancer, or	2	
You're not sure?	3	

### **BOX K-A-13**

IF FIRST REPORTED CANCER IS A SKIN CANCER (K-A4b = 1), GO TO NEXT FATHER'S SISTER/FATHER'S BROTHER. ELSE, GO TO K-A16.

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE K-A16 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK K-A16a.

K-A16. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX K-A-13A)

K-A16a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

STARTED IN THE {CANCER SITE}	1
SPREAD THERE	2

#### BOX K-A-13A

GO TO K5 FOR NEXT FATHER'S SISTER/FATHER'S BROTHER.

# FATHER'S SISTER'S/FATHER'S BROTHER'S THIRD REPORTED PRIMARY CANCER

K-A17.		ype of cancer did {he/she} have, or in what specific part of the body did the cancer start? [IF R SAYS THAN ONE KIND SAY: Please tell me about the next cancer.]
		CANCER TYPE/SITE:
		BOX K-A-14
		IF K-A17 = RF OR DK, GO TO K-A18.
<u>NOTE</u> : S	SEE INTER\	/IEWER PROBING INSTRUCTIONS FOR USING K-A17 PROBES
BODY PART PROBE	K-A17a	i. [IF CANCER TYPE/SITE NOT A RECOGNIZABLE BODY PART, SAY: Specifically, where in the body did the cancer start?]
	K-A17h	. [IF CANCER ON EXTERNAL BODY PART, OR IF NEEDED, ASK: Was it skin cancer? ELSE CODE
SKIN CANCER	1171172	WITHOUT ASKING]
PROBE		YES 1
_		NO
MELANOMA	K-A17c	. Was it melanoma?
PROBE		YES 1
		NO
		DON'T KNOW 8
	K-A17d	I. INTERVIEWER: SUMMARIZE TYPE/SITE OF THE CANCER:
	ı	
		BOX K-A-15
		IF CANCER IS NON MELANOMA SKIN CANCER (K-A17b=1 <u>AND</u> K-A17c=2), GO TO BOX K-A-19
		ELSE IF CANCER IS MELANOMA SKIN CANCER OR UNKNOWN TYPE OF SKIN CANCER (K-A17b=1 AND K-A17c=1, 7, OR 8), GO TO K-A18.
		FOR ALL OTHERS CANCERS CONTINUE TO METASTATIC PROBES IN K-A17e.

NOTE: THE INTERVIEWER WILL CODE K-A176 WITHOUT ASKING TO ASSESS IF THE REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK K-A17f.

**DEFINITION**: ALL REPORTED CANCERS ARE ASSUMED PRIMARY CANCERS UNLESS METASTATIC PROBES SUGGEST OTHERWISE.

K-A17e. [INTERVIEWER CODE WITHOUT ASKING: IS THIRD REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC
PROBES FOR
THIRD
PRIMARY

YES	1	
NO	2	(GO TO K-A18)

K-A17f. Did the cancer actually start in the {CANCER TYPE/SITE} or did it spread there from another part of the body?

STARTED IN THE {cancer site}	1	
SPREAD THERE	2	(GO TO K-A22)
REFUSED	7	
DON'T KNOW	8	

K-A18. At what age or in what year was the {CANCER SITE/TYPE} first diagnosed? [ACCEPT EITHER AGE OR YEAR, DO NOT PROBE FOR BOTH. RECORD BOTH, IF OFFERED. IF R CAN ONLY GIVE A RANGE, ENTER DK]

	OR	
AGE		YEAR

## **BOX K-A-16**

IF AGE OR YEAR WAS GIVEN IN K-A18, GO TO BOX K-A-19. ELSE CONTINUE WITH K-A18a.

K-A18a. Can you give me an estimate of when {he/she} was diagnosed? [IF NEEDED: Was {he/she}.../ Was it in the 1800's or 1900's?]

#### **AGE RANGE** OR YEAR RANGE 1800's 1900's A child under 13,..... 0 OR In {his/her} teens,........... 1 1800 to 1809.....10 1900 to 1909...... 10 Twenties,..... 2 1810's ......11 1910's ..... 11 Thirties,......3 1820's ......12 1920's ..... 12 Forties, ..... 4 1830's ......13 1930's ...... 13 Fifties, ...... 5 1840's ......14 1940's ...... 14 Sixties, ..... 6 1850's ......15 1950's ...... 15 Seventies, ......7 1860's ...... 16 1960's ...... 16 1870's ...... 17 1970's ...... 17 Eighties, .....8 Nineties, or..... 9 1880's ......18 1980's ...... 18 One hundred or more? ...10 1890's ......19 1990's ...... 19 RF......97

### **BOX K-A-17**

IF K-A18a = 97 OR 98 (DK OR RF), GO TO K-A18c.

IF AGE RANGE IN K-A18a = 0 (UNDER 13) OR 10 (100 OR MORE), GO TO BOX K-A-19.

ELSE, CONTINUE WITH K-A18b.

DK .......98

DIAGNOSIS AGE/YEAR PROBE B

**DIAGNOSIS** 

AGE/YEAR

PROBE A

K-A18b. Would you say that was:

Early {AGE RANGE/YEAR RANGE IN K-A18a},1	(GO TO BOX K-A-19)
Mid {AGE RANGE/YEAR RANGE IN K-A18a}, or	(GO TO BOX K-A-19)
Late {AGE RANGE/YEAR RANGE IN K-A18a}3	(GO TO BOX K-A-19)

K-A18c. Would you say that {he/she} was under 50 when {he/she} was diagnosed with this cancer, or was {he/she} 50 or older?

DIAGNOSIS AGE/YEAR PROBE C  NOTE: THERE ARE NO QUESTIONS K-A19, K-A20, OR K-A21 AND NO BOX K-A-18.

K-A22. I won't ask any other questions about this cancer since it's not the original cancer site, but {did/has} {he/she} ever {have/had} any other kind of cancer?

YES	1	(GO TO K-A-17 TO
		COLLECT 3 <sup>RD</sup> CANCER)
NO	2	(GO TO BOX K-A-19)
REFUSED	7	(GO TO BOX K-A-19)
DON'T KNOW	8	(GO TO K-A22a)

K-A22a. IF R ANSWERS DK TO K-A22 BUT OFFERS ANY MEDICAL/HEALTH INFORMATION, SUMMARIZE HERE:

To the best of your knowledge, would you say that {he/she}

MULTIPLE PRIMARY PROBE

Did have another cancer,	1	(GO TO K-A17 TO COLLECT 3 <sup>RD</sup> CANCER)
Did not have another cancer, or	2	
You're not sure?	3	

## **BOX K-A-19**

IF FIRST REPORTED CANCER IS A SKIN CANCER (K-A4b = 1), GO TO K5 FOR NEXT FATHER'S SISTER/FATHER'S BROTHER. ELSE, GO TO K-A23.

## METASTATIC PROBES FOR FIRST REPORTED PRIMARY CANCER

<u>NOTE</u>: THE INTERVIEWER WILL CODE K-A23 WITHOUT ASKING TO ASSESS IF THE FIRST REPORTED CANCER IS A COMMON METASTATIC SITE. IF SO, INTERVIEWER WILL ASK K-A23a.

K-A23. [FINISHED COLLECTING CANCER – WILL NOW RETURN TO FIRST CANCER. INTERVIEWER CODE WITHOUT ASKING: IS <u>FIRST</u> REPORTED CANCER ONE OF THE FOLLOWING COMMON METASTATIC SITES: "ABDOMEN", ADRENAL GLAND, BONE, BRAIN, COLON/BOWEL/INTESTINE, LIVER, LUNG, LYMPH NODES/NODES OR STOMACH?]

METASTATIC PROBES FOR FIRST PRIMARY

YES	1	
NO	2	(GO TO BOX K-A-20)

K-A23a. Let's return to the first cancer you reported, the (FIRST CANCER TYPE). Did this cancer actually start in the (CANCER SITE) or did it spread there from another part of the body?

**BOX K-A-20** 

GO TO K5 FOR NEXT FATHER'S SISTER/FATHER'S BROTHER.

# **SECTION L (R CONTACT INFORMATION)**

## **INTRODUCTION:**

In the second interview, we will ask detailed questions about a few of your relatives that we will randomly choose from your family. We will Fed-Ex to you a list of these relatives and the questions we will ask. The Fed Ex package will include a 60-minute pre-paid long distance calling card, which may be helpful in contacting your relatives for information. We will call you back in about 2 to 3 weeks to conduct the second interview.

L1.	May I please have your full name? [VERIFY SPELLING.]				
	FIRST	JAME:	MIDDLE INITIAL:	_ LAST NAME:	:
	L1a.	Is that Mr, Ms, or someth SPECIFY.]	ing else? [ENTER MR, MISS	, MS, MRS, D	R, REV, OR
	L1b.	[IF R IS MALE SAY] Do you name? [ENTER JR, SR, ETC	ou have a Junior, Senior, or s c., IF APPLICABLE.]	omething else a	after your last
L2.	OR DK	FOR ANY ITEM COMPRISIN	s where we can mail you your list IG THE ADDRESS, SAY: I will pre-paid calling card. We can s	l need an addre	ess in order to
		[VERIFY SPELLING]			
		NUMBER AND STREET:			
		CITY/TOWN:	STAT		PT. #: ZIP
		=	Ve will send these materials by x address. Please give me a str	-	and they will
		[IF R REFUSES DELIVERY	BY FED EX OR WILL GIVE PO	ADDRESS, PLA	ACE X HERE:
L3.	Is this m	ailing address also your reside	ence?		
		N R	ES O EFUSED ON'T KNOW	2 7	(GO TO L4)
	L3a.	Whose address is it?			

	L3b.	For our records, please a	lso give me the address of	your residence.	
		NUMBER AND STREET:			
					APT. #:
					ZIP
L4.	In gene	ral, is it best to reach you d	luring the:		
			Day,		1 (GO TO L5)
			Evening, or		
			Weekend?		
			EXACT APPOINTMENT. L4a)		4 (GO 10
			-,		
	L4a.	[DO NOT SCHEDULE /	APPOINTMENT BEFORE	MM/DD/YYYY THA	AT IS 3 WEEKS
			-   _  -   MONTH DAY	_  _  YEAR	
	L4b.	TIME:    :	_  1A 2P		
L5.	Are the	re other telephone numbers	s at which we might reach y	vou?	
			YES		
	L5a.	[PROBE: Is this	-    -   a work number, a home nu	mber, or something e	else?]
		_			: Are there any other numbers?]
		[PROBE: Is this	-    -   a work number, a home nu	mber, or something	
L6.	Are you	ı planning to move within th	e next month?		
			YES OR MAYBE		1
			NO		
			THANK07)		

L7.	7. Do you know what that new address or telephone number will be?		
		YES, HAS SOME INFORMATION	
	L7a.	[May I please have your new address and phone number?]	
		NUMBER AND STREET:	
		APT. #: CITY/TOWN: STATE: ZIP CODE: PHONE NUMBER:    -    -    -	
		[IF VOLUNTEERED, RECORD MOVE DATE OR OTHER PERTINENT INFORMATION.]	
L8.	curre	d you be willing to give me the name, address, and telephone number of a relative or friend, ontly not living in your household, who would know where you could be contacted if we have e reaching you?	
		FIRST NAME: LAST NAME:	
		NUMBER AND STREET: APT. #:	
		CITY/TOWN: STATE: ZIP CODE:	
		PHONE NUMBER:   _  -    -    -	
THANK		The information you have provided is very useful. In a few days you will receive a 60-minute pre-paid calling card and a workbook containing a list of relatives we will ask about in the second interview. A check for \$20 will be sent to you after you complete the second interview	

**END OF INTERVIEW** 

in about 2 to 3 weeks. Thank you for taking the time to talk with me today.