

HRS 2016 -- SECTION C: HEALTH  
FINAL VERSION -- 8/15/2016

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**NOTE ABOUT BRANCHPOINTS:**

WHERE THERE IS MORE THAN ONE JUMP WITHIN A BRANCHPOINT BOX, THE JUMPS ARE TO BE APPLIED IN ORDER FROM THE TOP.

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**NOTE ABOUT COLORS:**

ALL QUESTION TEXT IN BLACK IS FOR THE CORE INTERVIEW.

ALL QUESTION TEXT IN FUCHSIA IS FOR THE EXIT INTERVIEW. ALSO IN FUCHSIA IS ALL OTHER TEXT THAT IS SPECIFIC TO THE EXIT INTERVIEW BUT NOT TO THE CORE.

OTHERWISE, BLACK TEXT FOR CODEFRAMES, INTERVIEWER INSTRUCTIONS, JUMPS AND BRANCHPOINTS, ETC. CAN APPLY TO BOTH THE CORE AND THE EXIT INTERVIEW UNLESS SPECIFIED OTHERWISE OR THERE IS AN EXIT ALTERNATIVE.

ON A BLACK-AND-WHITE HARD COPY OF THE DOCUMENT, THE FUCHSIA TEXT WILL APPEAR SOMEWHAT LIGHTER THAN THE ORIGINAL BLACK.

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**NOTE ABOUT EXIT INTERVIEW Rs:**

ANY NEW SPOUSE/PARTNER THAT AN EXIT INTERVIEW R ACQUIRED SINCE HIS/HER LAST INTERVIEW IS IGNORED FOR THE PURPOSES OF THIS INTERVIEW. SIMILARLY, A SPOUSE/PARTNER WHO WAS REPORTED IN A PREVIOUS WAVE BUT WHO HAS NEVER BEEN INTERVIEWED WILL NOT HAVE AN EXIT INTERVIEW.

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**NOTE ON PRELOADED HEALTH CONDITIONS:**

IN THIS SECTION MUCH OF THE FLOW OF THE INTERVIEW AND THE PHRASING OF THE QUESTIONS DEPENDS ON WHETHER THE RESPONDENT REPORTED HAVING CERTAIN HEALTH CONDITIONS IN A PREVIOUS IW AND/OR CONFIRMED THEM IN THE LAST IW.

BEGINNING WITH THE 2002 WAVE WE DO NOT REVEAL ANY INFORMATION ABOUT PRIOR REPORTS OF CHRONIC CONDITIONS OF A LIVING RESPONDENT TO A NEW REPORTER. THUS, IF THE RESPONDENT IS LIVING AND THE REINTERVIEW RESPONDENT/REPORTER FOR THIS IW IS DIFFERENT FROM THE LAST IW, THE NEW REPORTER RECEIVES THE SAME PHRASING AS A NEW INTERVIEW R FOR THE BASE QUESTIONS ABOUT EACH HEALTH CONDITION. SPECIFICALLY NEW REPORTERS ARE ASKED WHETHER THE SAMPLED R HAS EVER HAD OR HAS EVER BEEN TOLD BY A DOCTOR THAT HE/SHE HAS HAD CERTAIN HEALTH CONDITIONS. PROXIES FOR EXIT Rs RECEIVE PHRASING THAT IS INDEPENDENT OF WHETHER THE PROXY IS THE SAME REPORTER AS AT THE LAST IW.

FOR TWO QUESTIONS (C101 & C102) REINTERVIEW Rs ARE ASKED ABOUT A CONDITION/DEVICE ONLY IF HE/SHE DID NOT REPORT IT IN A PREVIOUS IW. FOR THESE QUESTIONS, NEW REPORTERS WILL ALWAYS BE ASKED ABOUT THE CONDITION/DEVICE TO PROVIDE VERIFICATION AND/OR ALLOW FOR COMPARISON OF RESPONSES ACROSS REPORTERS.

THE BASIC QUESTIONS ABOUT HEALTH CONDITIONS THAT DEPEND ON PRELOADED REPORTS FROM THE LAST IW, FOR PHRASING OR BEING ASKED THE QUESTION, ARE THESE: (C005, C010, C018, C030, C036, C053, C065, C069, C070, C082, C098, C101, C102. FOR ALL BUT C098, THE PRELOAD CONDITIONS ARE USED ONLY:

- (1) IF BOTH THIS AND THE LAST IW ARE SELF IWs (A009=1), OR
- (2) IF BOTH THIS AND THE LAST IW ARE PROXY IWs (A009={2 or 3}) AND THE SAME REPORTER WAS/IS THE PROXY {piC185\_DifferentReporter=5}.

OTHERWISE, LIVING REINTERVIEW Rs WHO HAVE REPORTERS DIFFERENT FROM THE LAST IW ARE TREATED THE SAME AS NEW IW Rs.

FOR QUESTIONS THAT FOLLOW UP THE BASE QUESTION ABOUT EACH HEALTH CONDITION, DIFFERENT REPORTERS ARE TREATED AS ALL OTHER REINTERVIEW Rs.

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#### **MAJOR FLOW CONTROL, CONDITION AND FILL VARIABLES**

R REPORTED IN A PRIOR INTERVIEW THAT HAD USED ALCOHOL (Z254=1)

R REPORTED IN A PRIOR INTERVIEW THAT HAD NEVER USED ALCOHOL (Z254=5)

HEART DISEASE REPORTED IN R's BASELINE INTERVIEW, PRIOR TO 2010 (Z255=1)

HEART DISEASE REPORTED IN R's BASELINE INTERVIEW, 2010 OR LATER (Z255=2)

HEART DISEASE NOT REPORTED IN R's BASELINE INTERVIEW (Z255=5)

R REPORTED IN A PRIOR WAVE THAT HAD HYSTERECTOMY (Z256=1)

R REPORTED IN A PRIOR WAVE THAT MENOPAUSE IS ALL THROUGH (Z257=1)

R REPORTED PW HAD PNEUMONIA VACCINATION (Z264=1)

THIS IS A REINTERVIEW R (Z076=1);  
THIS IS A NEW SPOUSE/PARTNER OF A REINTERVIEW R (Z076=0);  
THIS IS A NEVER INTERVIEWED R or A NEW INTERVIEW R (Z076=5)

THIS IS A SELF INTERVIEW (A009=1);  
THIS IS A PROXY INTERVIEW (A009={2 or 3}) or (A009 NOT 1);  
PROXY REPORTER IS SURVIVING SPOUSE (A009=2);  
PROXY REPORTER IS NON-SPOUSE (A009=3)

R IS MALE (X060=1);  
R IS FEMALE (X060=2)

R CURRENTLY LIVES IN A NURSING HOME (A028=1)

R's LAST IW MONTH (per Z092), YEAR (per Z093)

R's FIRST NAME (per X058)

R's AGE (per A019)

R REPORTED IN PRIOR WAVE THAT HAD SHINGLES (Z242={1 or 2})

R's DEATH WAS EXPECTED (A131=1);  
R's DEATH WAS UNEXPECTED (A131=2)

R's DEATH OCCURRED WITHIN A WEEK OF START OF FINAL ILLNESS  
(A134={1 or 2 or 3})

**HEALTH CONDITIONS REPORTED IN A PREVIOUS IW:**

GLAUCOMA (Z089=1)

R WEARS HEARING AID (Z090=1)

HIGH BLOOD PRESSURE OR HYPERTENSION (Z101=1)

DIABETES OR HIGH BLOOD SUGAR (Z102=1)

CANCER (Z103=1)

LUNG DISEASE (Z104=1)

HEART PROBLEM (Z105=1)

STROKE (Z106=1)

PSYCHIATRIC PROBLEMS (Z107=1)

ARTHRITIS (Z108=1)

HIP FRACTURE (Z110)

CATERACT SURGERY: ONE EYE (Z112=1); BOTH EYES (Z112=2)

MEMORY-RELATED DISEASE (Z117=1)

PW DEPRESSION (Z260=1)

PW ALZHEIMER'S (Z261=1)

PW DEMENTIA (Z262=1)

PNEUMONIA VACCINATION (Z264=1)

OSTEOPOROSIS (Z265=1)

**REINTERVIEW R SMOKES/SMOKED IN PRIOR IW AND WAS NEVER ASKED WHEN STARTED ¾ NEED TO COLLECT (Z231=1);**

**REINTERVIEW R NEVER SMOKED OR WAS ASKED IN PRIOR IW WHEN STARTED ¾ NO NEED TO COLLECT (Z231=5);**

**NEW INTERVIEW R SMOKES/SMOKED ¾ NEED TO COLLECT WHEN STARTED (Z231=EMPTY)**

**REINTERVIEW R SMOKES/SMOKED IN PRIOR IW AND WAS NEVER ASKED WHEN STOPPED ¾ NEED TO COLLECT (Z232=1);**

**REINTERVIEW R NEVER SMOKED OR WAS ASKED IN PRIOR IW WHEN STOPPED ¾ NO NEED TO COLLECT (Z232=5);**

**NEW INTERVIEW R SMOKES/SMOKED ¾ NEED TO COLLECT WHEN STOPPED (Z232=EMPTY)**

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**ALTERNATE WAVE VARIABLE IS SET TO ASK QUESTIONS (AltWave Variable=0):**

{AltWave variable = (A504\_CurrWaveNdx – XX1) MOD XX2} = 0};

I.e., When subtracting the Index (per A504) for Beginning Wave (Index XX1 for YrXXXX) from Current Wave (Index 8 for 2006), and the result is divided by the Wave Interval of XX2, the Integer Result leaves No Remainder

C231\_Offset2002Inerv2 = (A504\_CurrWaveNdx – 6) MOD 2} = 0}; XX1=6, XX2=2

C234\_Offset1996Inerv2 = (A504\_CurrWaveNdx – 3) MOD 2} = 0}; XX1=3, XX2=2

C235\_Offset2006Inerv3 = (A504\_CurrWaveNdx – 8) MOD 3} = 0}; XX1=8, XX2=3

C239\_OFFSET2008INterv2 = (A504\_CurrWaveNdx – 9) MOD 2} = 0}; XX1=9, XX2=2

C248\_OFFSET2010INterv2 = (A504\_CurrWaveNdx – 10)MOD 2} = 0}; XX1=10,XX2=2

**ALTERNATE WAVE VARIABLE IS NOT SET TO ASK QUESTIONS (AltWave Variable >0):**

C231 = (A504\_CurrWaveNdx – 6) MOD 2} > 0}

C234 = (A504\_CurrWaveNdx – 3) MOD 2} > 0}

C235 = (A504\_CurrWaveNdx – 8) MOD 3} > 0}

C239 = (A504\_CurrWaveNdx – 9) MOD 2} > 0}

C248 = (A504\_CurrWaveNdx – 10) MOD 2} > 0}

**\*\*IN 2016 ALTERNATE WAVE VARIABLES C231, C235, and C248 ARE NOT SET TO ASK QUESTIONS\*\***

**\*\* IN 2016 ALTERNATE WAVE VARIABLES C234 and C239 ARE SET TO ASK QUESTIONS \*\***

\* A variable fieldname and code reference is shown at its first occurrence in the questionnaire, but in some cases, especially when it is common, is not shown after that.

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C001 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO C018

C001

Next we have some questions about your health.

Would you say your health is excellent, very good, good, fair, or poor?

1. EXCELLENT
  2. VERY GOOD
  3. GOOD
  4. FAIR
  5. POOR
- DK  
RF

C002 BRANCHPOINT: IF THIS IS A NEW INTERVIEW R (Z076 NOT 1), GO TO C005

C002

Compared with your health when we talked with you in R's LAST IW MONTH, YEAR, would you say that your health is better now, about the same, or worse?

1. BETTER
  2. ABOUT THE SAME
  3. WORSE
- DK  
RF

C005\_

IF THIS IS A NEW INTERVIEW R (Z076 NOT 1) or A DIFFERENT REPORTER FROM LAST IW (C185 =1):

Has a doctor ever told you that you have high blood pressure or hypertension?

IF REINTERVIEW R (Z076=1):

PREVIOUS WAVE (Z101): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED THE REPORTER/RESPONDENT IS THE SAME FOR BOTH THIS IW AND THE LAST IW.*

IF R REPORTED IN LAST IW THAT HAD {HIGH BLOOD PRESSURE OR HYPERTENSION} (Z101=1):

Our records from your last interview in R's LAST IW MONTH, YEAR show that you have had high blood pressure or hypertension.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R (Z076=1) and R DID NOT REPORT IN LAST IW THAT HAD {HIGH BLOOD PRESSURE OR HYPERTENSION} (Z101 NOT 1):

Since we last talked to you (in R's LAST IW MONTH, YEAR), has a doctor told you that you have high blood pressure or hypertension?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
- 4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION,GO TO C010
- 5. NO .....GO TO C010
- DK .....GO TO C010
- RF .....GO TO C010

C006

In order to lower your blood pressure, are you now taking any medication?

- 1. YES
- 5. NO
- DK
- RF

C010

IF THIS IS A NEW INTERVIEW R or A DIFFERENT REPORTER FROM LAST IW (C185 =1):

Has a doctor ever told you that you have diabetes or high blood sugar?

IF REINTERVIEW R:

PREVIOUS WAVE (Z102): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD {DIABETES OR HIGH BLOOD SUGAR} (Z102=1):

Our records from your last interview in R's LAST IW MONTH, YEAR show that you have had diabetes or high blood sugar.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD {DIABETES OR HIGH BLOOD SUGAR} (Z102 NOT 1):

Since we last talked to you in R's LAST IW MONTH, YEAR, has a doctor told you that you have diabetes or high blood sugar?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
- 4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION .....GO TO C018
- 5. NO .....GO TO C018
- DK .....GO TO C018
- RF .....GO TO C018

C285

Did the doctor say that you have diabetes or pre-diabetes, or some other blood-sugar-related problem?

DEFINITION: Pre-diabetes means that your blood sugar level is higher than normal but not yet high enough to be classified as diabetes.

- 1. DIABETES
  - 2. BORDERLINE DIABETES
  - 3. PRE-DIABETES
  - 4. BLOOD SUGAR IS A LITTLE HIGH
  - 5. IMPAIRED GLUCOSE TOLERANCE
  - 7. OTHER: (SPECIFY) C286 \_\_\_\_\_
- DK  
RF

C214 BRANCHPOINT: IF R NOT DIAGNOSED WITH DIABETES (C285 NOT 1), GO TO C011

C214

In what year was your diabetes first diagnosed?

YEAR \_\_\_\_\_

- DK
- RF

C011

In order to treat or control your [diabetes/blood sugar], are you now taking medication that you swallow?

- 1. YES
  - 5. NO
- DK  
RF

C012 BRANCHPOINT: IF R NOT DIAGNOSED WITH DIABETES (C285 NOT 1) and NOT TAKING DIABETES MEDICATION THEY SWALLOW (C011 NOT 1), GO TO C018

C012

Are you now using insulin shots or a pump?

- 1. YES .....GO TO C018
  - 5. NO
- DK  
RF

C236

Has a doctor ever recommended to you that you use insulin?

- 1. YES
  - 5. NO
- DK  
RF

C018



IF THIS IS A NEW INTERVIEW R or IF {R IS ALIVE and THIS IS A DIFFERENT REPORTER FROM LAST IW} (C185=1):  
Has a doctor ever told you that you have cancer or a malignant tumor, excluding minor skin cancer?

IF REINTERVIEW R:  
PREVIOUS WAVE (Z103): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD CANCER (Z103=1):  
Our records (from your last interview in R's LAST IW MONTH, YEAR) show that you have had cancer.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD CANCER (Z103 NOT 1):  
(Since we last talked to you (in R's LAST IW MONTH, YEAR),) has a doctor told you that you have cancer or a malignant tumor, excluding minor skin cancer?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

IF THIS IS AN EXIT INTERVIEW and DEATH {WAS UNEXPECTED (A131=2) and OCCURRED WITHIN A WEEK OF START OF FINAL ILLNESS (A134={1 or 2 or 3})}:

We want to be sure we understand any health problems that may have preceded R's FIRST NAME's (per X058) death, even though [his/her] death was unexpected.

OTHERWISE, IF THIS IS AN EXIT INTERVIEW:

We want to be sure we understand any health problems that may have preceded R's FIRST NAME's death.

ASK ALL EXIT INTERVIEW Rs:

The questions we will be asking are about R's FIRST NAME's health [since R's LAST IW MONTH, YEAR/during the last two years].

IF R REPORTED IN LAST IW THAT HAD CANCER (Z103=1):

Our records (from R's FIRST NAME's last interview in R's LAST IW MONTH, YEAR) show that [he/she] had cancer.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF REPORTER DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R's FIRST NAME WAS SINCE TOLD BY A DOCTOR THAT HE/SHE HAD THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD CANCER (Z103 NOT 1):

(Since we last talked to [him/her] (in R's LAST IW MONTH, YEAR),) had a doctor told R's FIRST NAME that [he/she] had cancer or a malignant tumor, excluding minor skin cancer?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

NOTE: THIS DEFINITION MAY BE READ BY THE IW ER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
- 4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION .....GO TO C030
- 5. NO .....GO TO C030
- DK .....GO TO C030
- RF .....GO TO C030

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT HAD CONDITION PRIOR TO/AT TIME OF DEATH
- 4. DISPUTES PREVIOUS WAVE RECORD, DID NOT HAVE CONDITION PRIOR TO/AT TIME OF DEATH  
.....GO TO C030
- DK .....GO TO C030
- RF .....GO TO C030

C019 BRANCHPOINT: IF THIS IS A REINTERVIEW R and IS THE SAME REPORTER AS AT LAST IW (C185 NOT 1) and R DID NOT REPORT IN LAST IW THAT HAD CANCER (Z103 NOT 1) and R REPORTS HAVING CANCER NOW (C018=1), GO TO C020 BRANCHPOINT

[Since R's LAST IW MONTH, YEAR/In the last two years], have you seen a doctor about your cancer?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

[Since [MONTH], [YEAR]/In the last two years before [her/his] death], had [she/he] seen a doctor about [her /his ] cancer?]

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO
- DK
- RF

C020 BRANCHPOINT: IF THIS IS A CORE INTERVIEW and A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C231>0), GO TO C023 BRANCHPOINT

*NOTE: QUESTIONS C020 THROUGH C022 ARE ALWAYS ASKED OF NEW INTERVIEW Rs AND EXIT Rs. THEY ARE ASKED OF CORE REINTERVIEW Rs ONLY IN ALTERNATE WAVES. THEY WERE LAST ASKED OF CORE REINTERVIEW Rs IN 2014 AND WILL BE ASKED AGAIN IN 2018.*

C020

We want to know about any cancer treatment that may have taken place during the last two years.

IF NEW INTERVIEW R:

During the last two years, have you received any treatment for cancer?

IF REINTERVIEW R:

[Since R's LAST IW MONTH, YEAR/In the last two years], have you received any treatment for cancer?

We want to know about any cancer treatment that may have taken place during the last two years.

[Since [MONTH], [YEAR]/In the last two years before [her /his ] death], had [she/he] received any treatment for cancer?]

- 1. YES
- 5. NO
- DK
- RF

C021 BRANCHPOINT: IF R {DID NOT REPORT THAT HAS SEEN A DOCTOR ABOUT THE CANCER (C019 NOT 1) and DID NOT REPORT THAT RECEIVED TREATMENT FOR CANCER (C020 NOT 1) SINCE R's LAST IW} and R REPORTED IN LAST IW THAT HAD CANCER (Z103=1), GO TO C030

IN OTHER CASES WHERE {R DID NOT REPORT THAT RECEIVED TREATMENT FOR CANCER SINCE R's LAST IW (C020={5 or 8 or 9}) and R REPORTED IN LAST IW THAT HAD CANCER (Z103=1)}, GO TO C023 BRANCHPOINT

IF R DID NOT REPORT THAT RECEIVED TREATMENT FOR CANCER {SINCE R's LAST IW/IN LAST TWO YEARS} (C020={5 or 8 or 9}) and R DID NOT REPORT IN LAST IW THAT HAD CANCER (Z103 NOT 1), GO TO C026

C021M

IF NEW INTERVIEW R:

During the last two years, what sort of treatments have you received for cancer?

IF R REPORTED IN LAST IW THAT HAD CANCER (Z103=1):

Since R's LAST IW MONTH, YEAR, what sort of treatments have you received for cancer?

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD CANCER (Z103 NOT 1):

What sort of treatments have you received for cancer?

[INSTR: CHOOSE ALL THAT APPLY]

IF R REPORTED IN LAST IW THAT HAD CANCER (Z103=1):

Since R's LAST IW MONTH, YEAR, what sort of treatments had [he/she] received for cancer?

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD CANCER (Z103 NOT 1):

What sort of treatments had [he/she] received for cancer?

[INSTR: CHOOSE ALL THAT APPLY]

1. CHEMOTHERAPY
  2. SURGERY
  3. RADIATION
  4. MEDICATIONS/ TREATMENT FOR SYMPTOMS (PAIN, NAUSEA, RASHES)
  5. BIOPSY
  6. X-RAY
  7. OTHER (SPECIFY) C022 \_\_\_\_\_
  8. NONE
- DK  
RF

NOTE: "NONE" CANNOT BE CHOSEN WITH ANY OTHER RESPONSE.

C023 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C026

IF R DID NOT REPORT IN LAST IW THAT HAD CANCER (Z103 NOT 1) or R DISPUTES PREVIOUS WAVE RECORD OF HAVING CONDITION BUT SAYS HAS CANCER NOW (C018=3) or THIS IS A NEW INTERVIEW R, GO TO C026

C023

Since R's LAST IW MONTH, YEAR, has the cancer gotten worse, better or stayed about the same?

- 1. BETTER
- 2. ABOUT THE SAME
- 3. WORSE
- 7. [VOL] CANCER IS GONE OR IN REMISSION
- DK
- RF

C024

Since R's LAST IW MONTH, YEAR, has a doctor told you that you had a new cancer or malignant tumor, excluding minor skin cancer?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO .....GO TO C028 BRANCHPOINT
- DK .....GO TO C028 BRANCHPOINT
- RF .....GO TO C028 BRANCHPOINT

C026

In which organ or part of your body did your cancer start?

In which organ or part of [his/her] body did [his/her] cancer start?

ORGAN/BODY PART \_\_\_\_\_

- DK
- RF

C028 BRANCHPOINT: IF R HAS NO NEW {CANCERS OR TUMORS} SINCE R's LAST IW (C024=5), GO TO C030

C028

In what year was your (most recent) cancer diagnosed?

In what year was [his/her] (most recent) cancer diagnosed?

YEAR \_\_\_\_\_

DK .....GO TO C030

RF .....GO TO C030

C029 BRANCHPOINT: IF NEW CANCER WAS DIAGNOSED MORE THAN 2 YEARS AGO (per C028), GO TO C030

C029

In what month was that?

MONTH [Drop down]

C030

IF THIS IS A NEW INTERVIEW R or IF {R IS ALIVE and THIS IS A DIFFERENT REPORTER FROM LAST IW} (C185 =1):  
Has a doctor ever told you that you have chronic lung disease such as chronic bronchitis or emphysema?

[INSTR: DO NOT INCLUDE ASTHMA]

IF REINTERVIEW R:  
PREVIOUS WAVE (Z104): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD LUNG DISEASE (Z104=1):  
Our records (from your interview in R's LAST IW MONTH, YEAR) show that you have had a chronic lung disease, such as chronic bronchitis or emphysema.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD LUNG DISEASE (Z104 NOT 1):  
(Since we last talked to you (in R's LAST IW MONTH, YEAR),) has a doctor told you that you have chronic lung disease, such as chronic bronchitis or emphysema?

[INSTR: DO NOT INCLUDE ASTHMA]

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

IF REINTERVIEW R:  
PREVIOUS WAVE (Z104): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R'S LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD LUNG DISEASE (Z104=1):  
Our records (from [his/her] interview in R's LAST IW MONTH, YEAR) show that R's FIRST NAME had a chronic lung disease, such as chronic bronchitis or emphysema.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF REPORTER DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R's FIRST NAME WAS SINCE TOLD BY A DOCTOR THAT HE/SHE HAD THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD LUNG DISEASE (Z104 NOT 1):  
(Since we last talked to [him/her], (in R's LAST IW MONTH, YEAR),) had a doctor told R's FIRST NAME that [he/she] had chronic lung disease, such as chronic bronchitis or emphysema?

[INSTR: DO NOT INCLUDE ASTHMA]

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
- 4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION .....GO TO C036
- 5. NO .....GO TO C036
- DK .....GO TO C036
- RF .....GO TO C036

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT HAD CONDITION PRIOR TO/AT TIME OF DEATH
- 4. DISPUTES PREVIOUS WAVE RECORD, DID NOT HAVE CONDITION PRIOR TO/AT TIME OF DEATH  
.....GO TO C036
- DK .....GO TO C036
- RF .....GO TO C036

C031 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO C033

IF R DID NOT REPORT IN LAST IW THAT HAD LUNG DISEASE (Z104 NOT 1) or R DISPUTES PREVIOUS WAVE RECORD OF HAVING CONDITION BUT SAYS HAS LUNG DISEASE NOW (C030=3) or THIS IS A NEW INTERVIEW R, GO TO C032

C031

Since then, has this condition gotten better, worse, or stayed about the same?

- 1. BETTER
- 2. ABOUT THE SAME
- 3. WORSE
- DK
- RF

C032

Are you now taking medication or other treatment for your lung condition?

- 1. YES
- 5. NO
- DK
- RF

C033

Are you receiving oxygen for your lung condition?

Was [she/he] receiving oxygen for [her /his ] lung condition?

- 1. YES
- 5. NO
- DK
- RF

C034 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C036

C034

Are you receiving physical or respiratory therapy for your lung condition?

- 1. YES
- 5. NO
- DK
- RF

C036



IF THIS IS A NEW INTERVIEW R or IF {R IS ALIVE AND THIS IS A DIFFERENT REPORTER FROM LAST IW} (C185 =1):  
Has a doctor ever told you that you have had a heart attack, coronary heart disease, angina, congestive heart failure, or other heart problems?

IF REINTERVIEW R:  
PREVIOUS WAVE (Z105): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R'S LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD HEART PROBLEM (Z105=1):  
Our records (from your interview in R's LAST IW MONTH, YEAR) show that you have had a heart problem.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD HEART PROBLEM (Z105 NOT 1):  
(Since we last talked to you (in R's LAST IW MONTH, YEAR) has a doctor told you that you have had) A heart attack, (have) coronary heart disease, angina, congestive heart failure, or other heart problems?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

IF REINTERVIEW R:  
PREVIOUS WAVE (Z105): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE PROXY IWS AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD HEART PROBLEM (Z105=1):  
Our records (from [his/her] interview in R's LAST IW MONTH, YEAR) show that [he/she] had a heart problem.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF REPORTER DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R's FIRST NAME WAS SINCE TOLD BY A DOCTOR THAT HE/SHE HAD THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD HEART PROBLEM (Z105 NOT 1):  
(Since [his/her] interview in [R's LAST IW MONTH, YEAR/the last two years before [his/her] death] did a doctor tell R's FIRST NAME that [he/she] had) A heart attack, (had) coronary heart disease, angina, congestive heart failure, or other heart problems?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
- 4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION .....GO TO C053
- 5. NO .....GO TO C053
- DK .....GO TO C053
- RF .....GO TO C053

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT HAD CONDITION PRIOR TO/AT TIME OF DEATH
- 4. DISPUTES PREVIOUS WAVE RECORD, DID NOT HAVE CONDITION PRIOR TO/AT TIME OF DEATH  
.....GO TO C053
- DK .....GO TO C053
- RF .....GO TO C053

C037

Are you now taking or carrying medication for your heart problem?  
Was [she/he] taking or carrying medication for [her /his ] heart problem?

- 1. YES
- 5. NO
- DK
- RF

C038 BRANCHPOINT: IF THIS IS A REINTERVIEW R and THIS IS THE SAME REPORTER AS AT LAST IW (C185 NOT 1) and R DID NOT REPORT IN LAST IW THAT HAD HEART PROBLEM (Z105 NOT 1), GO TO C257 BRANCHPOINT (AFTER C039)

C038

[Since R's LAST IW [MONTH, ]YEAR/In the last two years], have you seen a doctor for your heart problem?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

[Since [MONTH], [YEAR]/In the last two years before [her /his] death,] had [she/he] seen a doctor for [her /his ] heart problem?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO
- DK
- RF

C039 BRANCHPOINT: IF THIS IS EXIT INTERVIEW, GO TO C257 BRANCHPOINT

IF R IS NOT TAKING MEDICATION (C037=5) and HAS NOT SEEN DOCTOR FOR HEART PROBLEM {SINCE LAST IW OR IN LAST 2 YEARS} (C038=5), GO TO C257 BRANCHPOINT (AFTER C039)

IF R DID NOT REPORT IN LAST IW THAT HAD HEART PROBLEM (Z105 NOT 1) or R DISPUTES PREVIOUS WAVE RECORD OF HAVING CONDITION BUT SAYS HAS HEART PROBLEM NOW (C036=3) or THIS IS A NEW INTERVIEW R, GO TO C257 BRANCHPOINT (AFTER C039)

C039

Since R's LAST IW MONTH, YEAR, has this condition gotten better, worse, or stayed about the same?

- 1. BETTER
- 2. ABOUT THE SAME
- 3. WORSE
- DK
- RF

C257 BRANCHPOINT: IF THIS IS A REINTERVIEW R (Z076=1) and {R DID NOT REPORT HEART DISEASE IN BASELINE INTERVIEW (Z255 NOT 1) or R'S LAST IW YEAR IS {2010 OR LATER}}, GO TO C040 BRANCHPOINT (AFTER C259)

C257

Has a doctor ever told you that you have had a heart attack?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

Did a doctor ever tell [him/her] that [she/he] had a heart attack?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO .....GO TO C260 BRANCHPOINT
- DK .....GO TO C260 BRANCHPOINT
- RF .....GO TO C260 BRANCHPOINT

C258

In what year were you first told by a doctor that you had a heart attack?

In what year was [she/he] first told by a doctor that [she/he] had a heartattack?

YEAR \_\_\_\_\_

- DK .....GO TO C274 BRANCHPOINT (AFTER C259)
- RF .....GO TO C274 BRANCHPOINT (AFTER C259)

C259 BRANCHPOINT: IF R's FIRST HEART ATTACK WAS MORE THAN 2 YEARS AGO (per C258), GO TO C274 BRANCHPOINT (AFTER C259)

C259

In what month was that?

MONTH [Drop down]

- 1. JAN
- 2. FEB
- 3. MAR
- 4. APR
- 5. MAY
- 6. JUN
- 7. JUL
- 8. AUG
- 9. SEP
- 10. OCT
- 11. NOV
- 12. DEC
- DK
- RF

C274 BRANCHPOINT: IF THIS IS A REINTERVIEW R, GO TO C040 BRANCHPOINT (AFTER C277)

C274

Have you had any other heart attacks since then?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

1. YES

5. NO .....GO TO C040 BRANCHPOINT (AFTER C277)

DK .....GO TO C040 BRANCHPOINT (AFTER C277)

RF .....GO TO C040 BRANCHPOINT (AFTER C277)

C275

How many more heart attacks have you had?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

[INSTR: ENTER "0" FOR NONE]

NUMBER: \_\_\_\_\_

0. NONE .....GO TO C040 BRANCHPOINT (AFTER C277)

DK .....GO TO C040 BRANCHPOINT (AFTER C277)

RF .....GO TO C040 BRANCHPOINT (AFTER C277)

C276

In what year was your (most recent) heart attack?

YEAR \_\_\_\_\_

DK .....GO TO C040 BRANCHPOINT (AFTER C277)

RF .....GO TO C040 BRANCHPOINT (AFTER C277)

C277 BRANCHPOINT: IF R'S MOST RECENT HEART ATTACK WAS MORE THAN 2 YEARS AGO (per C276), GO TO C040 BRANCHPOINT (AFTER C277)

C277

In what month was that?

MONTH [Drop down]

1. JAN
  2. FEB
  3. MAR
  4. APR
  5. MAY
  6. JUN
  7. JUL
  8. AUG
  9. SEP
  10. OCT
  11. NOV
  12. DEC
- DK  
RF

C040 BRANCHPOINT: IF R IS NOT TAKING MEDICATION (C037=5) and HAS NOT SEEN DOCTOR FOR HEART PROBLEM {SINCE LAST IW OR IN LAST 2 YEARS} (C038=5), GO TO C260 BRANCHPOINT(AFTER C044)

IF THIS IS A REINTERVIEW R and YEAR OF R's FIRST HEART ATTACK (per C258) IS {THE SAME OR AFTER} R's LAST IW (per Z093), GO TO C041 BRANCHPOINT

IF THIS IS A NEW R, GO TO C041

C040

[Since R's LAST IW [MONTH, ]YEAR/In the last two years], have you had a heart attack or myocardial infarction?

[Since [MONTH], [YEAR]/In the last two years before [her /his] death], did [she/he] have a heart attack or myocardial infarction?

1. YES
  5. NO .....GO TO C260 BRANCHPOINT (AFTER C044)
- DK .....GO TO C260 BRANCHPOINT (AFTER C044)  
RF .....GO TO C260 BRANCHPOINT (AFTER C044)

C041 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C043 BRANCHPOINT

C041

IF REINTERVIEW R:

Since then, have you seen a doctor in connection with your heart attack?

IF NEW INTERVIEW R:

In the last two years, have you seen a doctor in connection with your heart attack?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

1. YES

5. NO

DK

RF

C042

Are you now taking or carrying medication because of your heart attack?

1. YES

5. NO

DK

RF

C043 BRANCHPOINT: IF THIS IS A NEW R or R DID NOT REPORT HAVING A HEART ATTACK {SINCE LAST IW OR IN LAST 2 YEARS} (C040 NOT 1), GO TO C260 BRANCHPOINT

C043

In what year was your (most recent) heart attack?

In what year was [her /his ] (most recent) heart attack?

YEAR \_\_\_\_\_

DK .....GO TO C260 BRANCHPOINT (AFTER C044)

RF .....GO TO C260 BRANCHPOINT (AFTER C044)

C044 BRANCHPOINT: IF R's MOST RECENT HEART ATTACK WAS MORE THAN 2 YEARS AGO (per C043), GO TO C260 BRANCHPOINT (AFTER C044)

C044

In what month was that?

MONTH [Drop down]

- 1. JAN
- 2. FEB
- 3. MAR
- 4. APR
- 5. MAY
- 6. JUN
- 7. JUL
- 8. AUG
- 9. SEP
- 10. OCT
- 11. NOV
- 12. DEC
- DK
- RF

C260 BRANCHPOINT: IF THIS IS A REINTERVIEW R (Z076=1) and {R DID NOT REPORT HEART DISEASE IN BASELINE INTERVIEW (Z255 NOT 1) or R'S LAST IW YEAR IS {2010 OR LATER}}, GO TO C045 BRANCHPOINT

C260

Has a doctor ever told you that you have angina?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

Did a doctor ever tell [him/her] that [she/he] had angina?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO .....GO TO C263 BRANCHPOINT
- DK .....GO TO C263 BRANCHPOINT
- RF .....GO TO C263 BRANCHPOINT

C261

In what year was your angina first diagnosed?

In what year was [her /his ] angina first diagnosed?

YEAR \_\_\_\_\_

- DK .....GO TO C045 BRANCHPOINT
- RF .....GO TO C045 BRANCHPOINT



C045 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C263 BRANCHPOINT

IF R {IS NOT TAKING MEDICATION (C037=5) and HAS NOT SEEN DOCTOR FOR HEART PROBLEM {SINCE LAST IW OR IN LAST 2 YEARS} (C038=5)}, GO TO C263

IF THIS IS A REINTERVIEW R and YEAR R WAS FIRST DIAGNOSED WITH ANGINA (per C261) IS {THE SAME OR AFTER} R's LAST IW (per Z093)), GO TO C046

IF THIS IS A NEW R and YEAR R WAS FIRST DIAGNOSED WITH ANGINA (per C261) IS LESS THAN TWO YEARS AGO (per YEAR OF CURRENT INTERVIEW), GO TO C046

C045

[Since R's LAST IW [MONTH, ]YEAR/In the last two years], have you had any angina or chest pains due to your heart?

- 1. YES
- 5. NO .....GO TO C263 BRANCHPOINT
- DK .....GO TO C263 BRANCHPOINT
- RF .....GO TO C263 BRANCHPOINT

C046

Are you now taking or carrying medications because of angina or chest pain?

- 1. YES
- 5. NO
- DK
- RF

C263 BRANCHPOINT: IF THIS IS A REINTERVIEW R (Z076=1) and {R DID NOT REPORT HEART DISEASE IN BASELINE INTERVIEW (Z255 NOT 1) or R'S LAST IW YEAR IS {2010 OR LATER}}, GO TO C048 BRANCHPOINT

C263

Has a doctor ever told you that you have congestive heart failure?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

Did a doctor ever tell [him/her] that [she/he] had congestive heart failure?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO .....GO TO C266 BRANCHPOINT (AFTER C050)
- DK .....GO TO C266 BRANCHPOINT (AFTER C050)
- RF .....GO TO C266 BRANCHPOINT (AFTER C050)

C264

In what year was your congestive heart failure first diagnosed?

In what year was [her /his ] congestive heart failure first diagnosed?

YEAR \_\_\_\_\_

DK

RF

C048 BRANCHPOINT: IF R IS NOT TAKING MEDICATION (C037=5) and HAS NOT SEEN DOCTOR FOR HEART PROBLEM {SINCE LAST IW OR IN LAST 2 YEARS} (C038=5), GO TO C266 (AFTER C050)

IF THIS IS A REINTERVIEW R and YEAR R WAS FIRST DIAGNOSED WITH CONGESTIVE HEART FAILURE (per C264) IS {THE SAME OR AFTER} R's LAST IW (per Z093)), GO TO C049 BRANCHPOINT

IF THIS IS A NEW R and YEAR R WAS FIRST DIAGNOSED WITH CONGESTIVE HEART FAILURE (per C264) IS LESS THAN TWO YEARS AGO (per YEAR OF CURRENT INTERVIEW), GO TO C049 BRANCHPOINT

C048

IF NEW INTERVIEW R or IF {R IS ALIVE AND THIS IS A DIFFERENT REPORTER FROM LAST IW} (C185=1):

In the last two years, has a doctor told you that you have congestive heart failure?

IF REINTERVIEW R:

(Since we last talked to you, (that is, since [R's LAST IW [MONTH, ]YEAR/in the last two years]),) has a doctor told you that you have congestive heart failure?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

(Since we last talked to [her/him ], (that is, since [MONTH],[YEAR]/in the last two years before [her /his ] death)),) had a doctor told [her/him ] that [she/he] had congestive heart failure?)

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

1. YES

5. NO.....GO TO C266 BRANCHPOINT (AFTER C050)

DK.....GO TO C266 BRANCHPOINT (AFTER C050)

RF.....GO TO C266 BRANCHPOINT (AFTER C050)

C049 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C266 BRANCHPOINT (AFTER C050)

C049

[Since R's LAST IW MONTH, YEAR/In the last two years], have you been admitted to the hospital overnight because of it (congestive heart failure)?

- 1. YES
- 5. NO
- DK
- RF

C050

Are you taking or carrying any medication for congestive heart failure?

- 1. YES
- 5. NO
- DK
- RF

C266 BRANCHPOINT: IF THIS IS A REINTERVIEW R (Z076=1) and R'S LAST IW YEAR IS {2010 OR LATER}, GO TO C269 BRANCHPOINT

C266

Has a doctor ever told you that you have an abnormal heart rhythm?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

Did a doctor ever tell [him/her] that [she/he] had an abnormal heartrhythm?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO .....GO TO C270 BRANCHPOINT
- DK .....GO TO C270 BRANCHPOINT
- RF .....GO TO C270 BRANCHPOINT

C267

In what year was your abnormal heart rhythm first diagnosed?

In what year was [her /his ] abnormal heart rhythm first diagnosed?

YEAR \_\_\_\_\_

- DK .....GO TO C269 BRANCHPOINT
- RF .....GO TO C269 BRANCHPOINT

C269 BRANCHPOINT: IF R IS NOT TAKING MEDICATION (C037=5) and HAS NOT SEEN DOCTOR FOR HEART PROBLEM {SINCE LAST IW OR IN LAST 2 YEARS} (C038=5), GO TO C282 BRANCHPOINT

IF THIS IS A REINTERVIEW R and YEAR R WAS FIRST DIAGNOSED WITH ABNORMAL HEART RHYTHM (per C267) IS {THE SAME OR AFTER} R'S LAST IW (per Z093), GO TO C282 BRANCHPOINT

IF THIS IS A NEW R and YEAR R WAS FIRST DIAGNOSED WITH ABNORMAL HEART RHYTHM (per C267) IS LESS THAN TWO YEARS AGO (per YEAR OF CURRENT INTERVIEW), GO TO C282 BRANCHPOINT

C269

IF NEW INTERVIEW R or IF {R IS ALIVE AND THIS IS A DIFFERENT REPORTER FROM LAST IW} (C185=1):  
In the last two years, has a doctor told you that you have an abnormal heart rhythm?

IF REINTERVIEW R:

(Since we last talked to you, (that is, [since R's LAST IW [MONTH, ]YEAR]/in the last two years]),) has a doctor told you that you have an abnormal heart rhythm?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

(Since we last talked to [FIRST NAME OF INDIVIDUAL] (that is, [since[MONTH], [YEAR]/in the last two years before [her /his ] death]),) had a doctor told [her/him ] that [she/he] had an abnormal heart rhythm?)

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO
- DK
- RF

C282 BRANCHPOINT: IF R WAS NEVER TOLD BY A DOCTOR THAT S/HE HAD AN ABNORMAL HEART RHYTHM ({C266 and C269} NOT 1), GO TO C270 BRANCHPOINT

C282

In order to regulate your heart rhythm are you now taking any medication?  
In order to regulate [her /his ] heart rhythm was [she/he] taking any medication?

- 1. YES
- 5. NO
- DK
- RF

C270 BRANCHPOINT: IF R IS NOT TAKING MEDICATION (C037=5) and HAS NOT SEEN DOCTOR FOR HEART PROBLEM {SINCE LAST IW OR IN LAST 2 YEARS} (C038=5), GO TO C053

IF R REPORTED HAVING HAD {A HEART ATTACK ({C257 or C040}=1) or ANGINA ({C260 or C045}=1) or CONGESTIVE HEART FAILURE ({C263 or C048}=1) or ABNORMAL HEART RHYTHM ({C266 or C269}=1)}, GO TO C051

C270

What type of heart disease do you have?

What type of heart disease did [she/he] have?

TYPE OF HEART DISEASE \_\_\_\_\_

DK

RF

C051

[Since R's LAST IW [MONTH, ]YEAR/In the last two years], have you had a special test or treatment of your heart where tubes were inserted into your veins or arteries (cardiac catheterization, coronary angiogram, angioplasty, or bypass graft notation)?

[Since [MONTH], [YEAR]/In the last two years before [her /his] death,] did [she/he] have a special test or treatment of [her /his ]heart where tubes were inserted into [her /his ] veins or arteries (cardiac catheterization, coronary angiogram, angioplasty, or bypass graft notation)?

1. YES

5. NO

DK

RF

C052

[Since R's LAST IW [MONTH, ]YEAR/In the last two years], have you had surgery on your heart?

[Since [MONTH], [YEAR]/In the last two years before [her /his] death,] did [she/he] have surgery on [her /his ] heart?

1. YES

5. NO

DK

RF

C053

IF THIS IS A NEW INTERVIEW R or IF {R IS ALIVE AND THIS IS A DIFFERENT REPORTER FROM LAST IW} (C185 =1):  
Has a doctor ever told you that you have had a stroke?

IF REINTERVIEW R:  
PREVIOUS WAVE (Z106): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD STROKE (Z106=1):  
Our records (from your last interview in R's LAST IW MONTH, YEAR) show that you have had a stroke.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD STROKE (Z106 NOT 1):  
(Since we last talked to you (in R's LAST IW MONTH, YEAR) has a doctor told you that you have had) A stroke?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

IF REINTERVIEW R:  
PREVIOUS WAVE (Z106): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

Our records (from [his/her] last interview in R's LAST IW MONTH, YEAR) show that [he/she] had a stroke.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF REPORTER DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R's FIRST NAME WAS SINCE TOLD BY A DOCTOR THAT HE/SHE HAD THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD STROKE (Z106 NOT 1):

(Since [his/her] interview (in R's LAST IW MONTH, YEAR) has had a doctor told R's FIRST NAME that [he/she] had) A stroke?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

1. YES
2. [VOL] POSSIBLE STROKE OR TIA (TRANSIENT ISCHEMIC ATTACK)
3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION .....GO TO C065
5. NO .....GO TO C065
- DK .....GO TO C065
- RF .....GO TO C065

1. YES
2. [VOL] POSSIBLE STROKE OR TIA (TRANSIENT ISCHEMIC ATTACK)
3. DISPUTES PREVIOUS WAVE RECORD, BUT HAD CONDITION PRIOR TO/AT TIME OF DEATH
4. DISPUTES PREVIOUS WAVE RECORD, DID NOT HAVE CONDITION PRIOR TO/AT TIME OF DEATH  
.....GO TO C065 BRANCHPOINT
- DK .....GO TO C065 BRANCHPOINT
- RF .....GO TO C065 BRANCHPOINT

**C054 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C062 BRANCHPOINT**

C054

[Since R's LAST IW [MONTH, ]YEAR/In the last two years], have you seen a doctor because of this or any other stroke?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO
- DK
- RF

C055

Do you still have any remaining problems because of your stroke(s)?

- 1. YES
- 5. NO
- DK
- RF

C060 BRANCHPOINT: IF R REPORTED IN LAST IW THAT HAD STROKE (Z106=1) and R HAS NOT SEEN A DOCTOR BECAUSE OF IT SINCE LAST IW (C054=5) and DOES NOT STILL HAVE REMAINING PROBLEMS (C055=5), GO TO C065

C060

Are you now taking any medications because of your stroke or its complications?

- 1. YES
- 5. NO
- DK
- RF

C061

Are you receiving physical or occupational therapy because of your stroke or its complications?

- 1. YES
- 5. NO
- DK
- RF

C062 BRANCHPOINT: IF R DID NOT REPORT IN LAST IW THAT HAD STROKE (Z106 NOT 1) or R DISPUTES PREVIOUS WAVE RECORD OF HAVING CONDITION BUT SAYS HAD A STROKE SINCE THEN (C053=3), GO TO C064 BRANCHPOINT

C062

Since R's LAST IW MONTH, YEAR, has a doctor told you that you had another stroke?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)



Since [MONTH], [YEAR], did a doctor tell [him/her] that [she/he] had another stroke?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO .....GO TO C065 BRANCHPOINT
- DK .....GO TO C065 BRANCHPOINT
- RF .....GO TO C065 BRANCHPOINT

C064 BRANCHPOINT: IF R REPORTED POSSIBLE {STROKE OR TIA} (C053=2), GO TO C065 BRANCHPOINT

C064

In what year was your most recent stroke?

In what year was [her /his ] (most recent) stroke?

YEAR \_\_\_\_\_

- DK .....GO TO C065 BRANCHPOINT
- RF .....GO TO C065 BRANCHPOINT

C063 BRANCHPOINT: IF R's MOST RECENT STROKE WAS MORE THAN 2 YEARS AGO (per C064), GO TO C065 BRANCHPOINT

C063

In what month was that?

MONTH [Drop down]

- 1. JAN
- 2. FEB
- 3. MAR
- 4. APR
- 5. MAY
- 6. JUN
- 7. JUL
- 8. AUG
- 9. SEP
- 10. OCT
- 11. NOV
- 12. DEC
- DK
- RF

C065 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C193 (AFTER C068 & C193 BRANCHPOINT)

C065

IF THIS IS A NEW INTERVIEW R or THIS IS A DIFFERENT REPORTER FROM LAST IW (C185 =1):

Have you ever had or has a doctor ever told you that you have any emotional, nervous, or psychiatric problems?

IF REINTERVIEW R:

PREVIOUS WAVE (Z107): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD PSYCHIATRIC PROBLEMS (Z107=1):

When we talked with you (in R's LAST IW MONTH, YEAR) you said that you have had some emotional, nervous, or psychiatric problems.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD PSYCHIATRIC PROBLEMS (Z107 NOT 1):

(Since we last talked to you (that is, in R's LAST IW MONTH, YEAR),) Have you had or has a doctor told you that you have any emotional, nervous, or psychiatric problems?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

1. YES
  3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
  4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION
  5. NO
- DK  
RF

C271

IF THIS IS A NEW INTERVIEW R or IF THIS IS A DIFFERENT REPORTER FROM LAST IW (C185=1) or R HAS NOT BEEN ASKED ABOUT DEPRESSION BEFORE (Z260=empty):

Has a doctor ever told you that you have had problems with depression?

IF REINTERVIEW R:

PREVIOUS WAVE (Z260): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R'S LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD DEPRESSION (Z260=1):

When we talked with you (in R's LAST IW MONTH, YEAR) you said that you have had some problems with depression.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD DEPRESSION (Z260 {NOT 1 and NOT EMPTY}):

(Since we last talked to you (that is, in R's LAST IW MONTH, YEAR),) Has a doctor told you that you have had problems with depression?

DEFINITION: (Medical doctors include specialists such as Neurologists, Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
- 4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION
- 5. NO
- DK
- RF

C067 BRANCHPOINT: IF R {DID NOT REPORT THAT HAS PSYCHIATRIC PROBLEMS (C065 {NOT 1 and NOT 3}) and DID NOT REPORT THAT HAS DEPRESSION (C271 {NOT 1 and NOT 3})}, GO TO C272

C067

Do you now get psychiatric or psychological treatment for your problems?

- 1. YES
- 5. NO
- DK
- RF

C193 BRANCHPOINT: IF THIS IS NOT AN EXIT INTERVIEW R, GO TO C272

C193

Did *R's FIRST NAME* have memory problems as of one month before[*she/he*] (died/passed away)?

1. YES

5. NO .....GO TO C069 (AFTER C273)

DK .....GO TO C069 (AFTER C273)

RF .....GO TO C069 (AFTER C273)

C194

How old was *R's FIRST NAME* when memory problems became apparent?

AGE \_\_\_\_\_

DK

RF

C195

Did the memory problems begin suddenly or slowly?

1.SUDDENLY

2. SLOWLY

DK

RF

C196

Did the memory problems get worse over time?

1. YES

5. NO

DK

RF

C272 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C069 (AFTER C273 & C069 BRANCHPOINT)

C272

IF THIS IS A NEW INTERVIEW R or THIS IS A DIFFERENT REPORTER FROM LAST IW (C185=1) or R HAS NOT BEEN ASKED ABOUT ALZHEIMER'S BEFORE (Z261=EMPTY):

Has a doctor ever told you that you have Alzheimer's Disease?

IF REINTERVIEW R:

PREVIOUS WAVE (Z261): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R'S LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD ALZHEIMER'S DISEASE (Z261=1):

Our records from your last interview in R's LAST IW MONTH, YEAR show that a doctor had told you that you had Alzheimer's Disease.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD ALZHEIMERS DISEASE (Z261 {NOT 1 and NOT EMPTY}): (Since we last talked with you (in R's LAST IW MONTH, YEAR),) Has a doctor told you that you have Alzheimer's Disease?

DEFINITION: (Medical doctors include specialists such as Neurologists, Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

1. YES .....GO TO C069 BRANCHPOINT
3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION .....GO TO C069 BRANCHPOINT
4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION
5. NO
7. [VOL] NOT ALZHEIMER'S DISEASE.....ASSIGN 1 to C273
8. DK
9. RF

C273

IF THIS IS A NEW INTERVIEW R or THIS IS A DIFFERENT REPORTER FROM LAST IW (C185=1) or R HAS NOT BEEN ASKED ABOUT DEMENTIA BEFORE (Z262=EMPTY):

Has a doctor ever told you that you have dementia, senility or any other serious memory impairment?

IF REINTERVIEW R:

PREVIOUS WAVE (Z262): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R'S LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD {DEMENTIA, SENILITY OR OTHER SERIOUS MEMORY IMPAIRMENT} (Z262=1):

Our records from your last interview in R's LAST IW MONTH, YEAR show that a doctor had told you that you had dementia, senility or some other serious memory impairment.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD {DEMENTIA, SENILITY OR OTHER SERIOUS MEMORY IMPAIRMENT} (Z262 {NOT 1 and NOT EMPTY}):

(Since we last talked with you (in R's LAST IW MONTH, YEAR),) Has a doctor told you that you have dementia, senility or any other serious memory impairment?

DEFINITION: (Medical doctors include specialists such as Neurologists, Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

*NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.*

1. YES
  3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
  4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION
  5. NO
- DK  
RF

C069 BRANCHPOINT: IF THIS IS NOT AN EXIT INTERVIEW R and R REPORTED HAVING {ALZHEIMER'S DISEASE (C272=1) or OTHER DEMENTIA (C273=1)}, GO TO C210

IF THIS IS NOT AN EXIT INTERVIEW R and R DID NOT REPORT HAVING {ALZHEIMER'S DISEASE (C272 NOT 1) or OTHER DEMENTIA (C273 NOT 1)}, GO TO C070

C069

PREVIOUS WAVE (Z117): [Yes/No/Unknown]

*NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R'S LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.*

IF R REPORTED IN LAST IW THAT HAD {MEMORY-RELATED DISEASE} (Z117=1):

Our records (from [his/her] interview in R's LAST IW MONTH, YEAR) show that R's FIRST NAME had a memory-related disease.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF REPORTER DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R'S FIRST NAME WAS SINCE TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF R DID NOT REPORT IN LAST IW THAT HAD {MEMORY-RELATED DISEASE} (Z117 NOT 1):

(Since we last talked with [him/her] (in R's LAST IW MONTH, YEAR),) had a doctor told R's FIRST NAME that [he/she] had a memory-related disease?

DEFINITION: (Medical doctors include specialists such as Neurologists, Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

1. YES

3. DISPUTES PREVIOUS WAVE RECORD, BUT HAD CONDITION PRIOR TO/AT TIME OF DEATH

4. DISPUTES PREVIOUS WAVE RECORD, DID NOT HAVE CONDITION PRIOR TO/AT TIME OF DEATH

.....GO TO C197

DK .....GO TO C197

RF .....GO TO C197

C209

What specific memory-related disease did the doctor say that [she/he] had?

NAME OF DISEASE D433\_\_\_\_\_

DK

RF

C210

IF R REPORTED HAVING ALZHEIMER'S DISEASE (C272={1 or 3}):

Are you taking any medication prescribed by a doctor to help with your Alzheimer's disease?

IF R REPORTED HAVING {DEMENTIA, SENILITY OR MEMORY IMPAIRMENT} (C273={1 or 3})

Are you taking any medication prescribed by a doctor to help with your dementia, senility or memory impairment?

Was [she/he] taking any medication prescribed by a doctor to help with [her/his ] [memory problem]?

1. YES

5. NO

DK

RF

C197 BRANCHPOINT: IF THIS IS NOT AN EXIT INTERVIEW, GO TO C070

C197

After [she/he] (died/passed away), was an autopsy performed?

1. YES

5. NO

DK

RF

C070 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C079 BRANCHPOINT

C070



IF THIS IS A NEW INTERVIEW R or THIS IS A DIFFERENT REPORTER FROM LAST IW (C185 =1):

Have you ever had, or has a doctor ever told you that you have arthritis or rheumatism?

IF REINTERVIEW R:

PREVIOUS WAVE (Z108): [Yes/No/Unknown]

NOTE: THE SCREEN DISPLAYS WHETHER OR NOT THIS CONDITION WAS REPORTED IN R's LAST IW, PROVIDED BOTH THIS AND THE LAST IW ARE SELF IWs OR BOTH THIS AND THE LAST IW ARE PROXY IWs AND THE PROXY IS THE SAME PERSON.

IF R REPORTED IN LAST IW THAT HAD ARTHRITIS (Z108=1):

Our records (from your last interview in R's LAST IW MONTH, YEAR) show that you have had arthritis.

[INSTR: PRESS 1 THEN PRESS [ENTER] UNLESS R VOLUNTARILY DISPUTES PREVIOUS WAVE RECORD]

[INSTR: IF R DISPUTES REPORT FROM PREVIOUS WAVE, PROBE AS NECESSARY TO DETERMINE WHETHER R HAS SINCE BEEN TOLD BY A DOCTOR THAT HE/SHE HAS THE CONDITION. IF YOU WISH, YOU MAY DESCRIBE THE SITUATION IN AN F2 COMMENT.]

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD ARTHRITIS (Z108 NOT 1):

(Since we last talked to you (in R's LAST IW MONTH, YEAR), have you had or has a doctor told you that you have) Arthritis or rheumatism?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

NOTE: THIS DEFINITION MAY BE READ BY THE IWER UNLESS THIS IS A REINTERVIEW R WHO REPORTED HAVING THE CONDITION IN THE LAST IW.

- 1. YES
- 3. DISPUTES PREVIOUS WAVE RECORD, BUT NOW HAS CONDITION
- 4. DISPUTES PREVIOUS WAVE RECORD, DOES NOT HAVE CONDITION .....GO TO C240
- 5. NO .....GO TO C240
- DK .....GO TO C240
- RF .....GO TO C240

C071 BRANCHPOINT: IF R DID NOT REPORT IN LAST IW THAT HAD {ARTHRITIS OR RHEUMATISM} (Z108 NOT 1) or R DISPUTES PREVIOUS WAVE RECORD OF HAVING CONDITION BUT SAYS HAS ARTHRITIS NOW (C070=3) or THIS IS A NEW INTERVIEW R, GO TO C076

C071

Since R's LAST IW MONTH, YEAR, has this arthritis gotten better, worse, or stayed about the same?

- 1. BETTER
- 2. ABOUT THE SAME
- 3. WORSE
- DK
- RF

C076

[Since R's LAST IW MONTH, YEAR/In the last two years], have you had surgery or any joint replacement because of arthritis?

- 1. YES
- 5. NO .....GO TO C219 BRANCHPOINT (AFTER C077)
- DK .....GO TO C219 BRANCHPOINT (AFTER C077)
- RF .....GO TO C219 BRANCHPOINT (AFTER C077)

C218

(Which did you have: joint replacement, surgery not involving joint replacement, or both?)

- 1. JOINT REPLACEMENT
- 2. SURGERY WITHOUT JOINT REPLACEMENT
- 3. BOTH
- DK
- RF

C077M

Which joint was (replaced/affected)?

- 1. HIP(S)
- 2. KNEE(S)
- 3. HAND/WRIST AREA
- 4. FOOT/ANKLE AREA
- 5. SHOULDER(S)
- 6. SPINE
- 7. OTHER (SPECIFY) C078 \_\_\_\_\_
- DK
- RF

C219 BRANCHPOINT: IF REINTERVIEW R (Z076=1) and R REPORTED ARTHRITIS IN THE PREVIOUS INTERVIEW (Z108=1) and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C239 > 0), GO TO C240

*NOTE: QUESTIONS C219 THROUGH C222 ARE ALWAYS ASKED OF NEW INTERVIEW Rs. THEY ARE ASKED OF REINTERVIEW Rs IF THE R HAS INCIDENT ARTHRITIS THIS WAVE ({Z108 NOT 1} AND C070=1). OTHERWISE, FOR RS WHO HAD ARTHRITIS IN A PREVIOUS INTERVIEW, THEY WERE ASKED ONLY IN ALTERNATE WAVES. THEY WERE LAST ASKED OF REINTERVIEW Rs IN 2012 AND WILL BE ASKED AGAIN IN 2016.*

C219

Which type or types of arthritis do you have?

[INSTR: READ OUT EACH IN TURN AND CODE ALL THAT APPLY]

Do you have osteoarthritis?

DEFINITION: Osteoarthritis also includes degenerative or 'wear and tear' arthritis

- 1. YES
- 5. NO
- DK
- RF

C220

(Do you have) rheumatoid arthritis?

DEFINITION: Rheumatoid arthritis also includes autoimmune arthritis

- 1. YES
- 5. NO
- DK
- RF

C222

(Do you have) arthritis related to a previous injury?

- 1. YES
- 5. NO
- DK
- RF

C240

IF R DID NOT REPORT IN PRIOR WAVE THAT HAD SHINGLES (Z242 {NOT 1 and NOT 2}):  
Have you ever had shingles?

OTHERWISE:

Since [R's LAST IW MONTH, YEAR], have you had shingles?

- 1. YES
- 5. NO
- DK
- RF

C246 BRANCHPOINT: IF R REPORTED IN A PRIOR WAVE THAT HAS HAD SHINGLES VACCINE (Z242=2), GO TO C283

IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C234>0), GO TO C283

*NOTE: QUESTION C246 WAS INTRODUCED IN THE 2008 WAVE AND SINCE HAD BEEN ASKED OF ALL Rs WHO DID NOT REPORT IN A PRIOR WAVE THEY HAD THE SHINGLES VACCINE. IN 2012, C246 BECAME AN ALTERNATE WAVE QUESTION. IT WAS ASKED OF ALL REINTERVIEW Rs IN 2012 AND WILL BE ASKED AGAIN IN 2016.*

C246

Have you ever had the shingles vaccine?

- 1. YES
- 5. NO
- DK
- RF

C283

IF REIW R (Z076=1):

Since we last talked to you (in R's LAST IW MONTH, YEAR), has a doctor or other health professional told you that your blood cholesterol level was high?

ELSE:

Have you ever been told by a doctor or other health professional that your blood cholesterol level was high?

- 1. YES
- 5. NO
- DK
- RF

C280 BRANCHPOINT: IF R REPORTED IN A PRIOR WAVE THAT HAS BEEN TOLD THAT HAS OSTEOPOROSIS (Z265=1), GO TO C079 BRANCHPOINT

C280

IF R WAS ASKED ABOUT OSTEOPOROSIS IN A PREVIOUS WAVE (Z265=5):

Since we last talked with you in R's LAST IW MONTH, YEAR has a doctor told you that you have osteoporosis?

OTHERWISE:

Has a doctor ever told you that you have osteoporosis?

DEF: Osteoporosis is the condition when bones become thinner than normal, making them fragile and more likely to break.

- 1. YES
- 5. NO
- DK
- RF

C281

Have you ever had a bone density or bone scan test to screen for osteoporosis?

- 1. YES
- 5. NO
- DK
- RF

C079 BRANCHPOINT: IF R's CURRENT AGE IS LESS THAN 65 (A019<65), GO TO C087 BRANCHPOINT

C079

Have you fallen down [since R's LAST IW MONTH, YEAR/in the last two years]?  
Had [she/he] fallen down/[since [MONTH], [YEAR]/in the last two years before [her /his] death]?

- 1. YES
- 5. NO .....GO TO C082
- DK .....GO TO C082
- RF .....GO TO C082

C080

How many times have you fallen [since R's LAST IW MONTH, YEAR/in the last two years]?  
How many times had [she/he] fallen /[since [MONTH], [YEAR]/inthe last two years before [her /his ] death]?

NUMBER OF TIMES \_\_\_\_\_

- DK
- RF

C081

[In that fall/In any of these falls], did you injure yourself seriously enough to need medical treatment?

[In that fall/In any of those falls], did [he/she] injure [himself/herself] seriously enough to need medical treatment?

- 1. YES
- 5. NO
- DK
- RF

C082

IF THIS IS A NEW INTERVIEW R or IF {R IS ALIVE AND THIS IS A DIFFERENT REPORTER FROM LAST IW}  
(C185 =1):

Have you ever fractured your hip?

IF REINTERVIEW R:  
PREVIOUS WAVE (Z110): [Yes/No/Unknown]

NOTE: SCREEN DISPLAYS WHETHER OR NOT R REPORTED THIS CONDITION IN R's LAST IW.

Have you fractured your hip since we talked (in R's LAST IW MONTH, YEAR)?

PREVIOUS WAVE (Z110): [Yes/No/Unknown]

NOTE: SCREEN DISPLAYS WHETHER OR NOT R REPORTED THIS CONDITION IN R's LAST IW.

Did [he/she] fracture [his/her] hip (since R's LAST IW MONTH, YEAR)?

- 1. YES
- 5. NO
- DK
- RF

C087 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C104

C087

This might not be easy to talk about, but during the last 12 months, have you lost any amount of urine beyond your control?

- 1. YES
- 5. NO .....GO TO C095
- DK .....GO TO C095
- RF .....GO TO C095

C088

On about how many days in the last month have you lost any urine?

[INSTR: DO NOT PROBE DK/RF]

[INSTR: ENTER "31" FOR EVERY DAY]

NUMBER OF DAYS \_\_\_\_\_ .....GO TO C095

- DK
- RF

C089

Was that more than 5 days?

- 1. YES
- 5. NO .....GO TO C095
- DK .....GO TO C095
- RF .....GO TO C095

C090

More than 15 days?

- 1. YES
- 5. NO
- DK
- RF

C095

Is your eyesight excellent, very good, good, fair, or poor using glasses or corrective lens as usual?

1. EXCELLENT
  2. VERY GOOD
  3. GOOD
  4. FAIR
  5. POOR
  6. [VOL] LEGALLY BLIND .....GO TO C098 BRANCHPOINT
- DK  
RF

C096

How good is your eyesight for seeing things at a distance, like recognizing a friend across the street, using glasses or corrective lens as usual?

(Is it excellent, very good, good, fair, or poor?)

1. EXCELLENT
  2. VERY GOOD
  3. GOOD
  4. FAIR
  5. POOR
- DK  
RF

C097

How good is your eyesight for seeing things up close, like reading ordinary newspaper print, using glasses or corrective lens as usual?

(Is it excellent, very good, good, fair, or poor?)

1. EXCELLENT
  2. VERY GOOD
  3. GOOD
  4. FAIR
  5. POOR
- DK  
RF

C098 BRANCHPOINT: IF R's CURRENT AGE IS LESS THAN 65 (A019<65), GO TO C237 BRANCHPOINT

IF R REPORTED IN LAST IW THAT HAD CATARACT SURGERY ON BOTH EYES (Z112=2), GO TO C101 BRANCHPOINT

IF R REPORTED IN LAST IW THAT HAD CATARACT SURGERY ON ONE EYE (Z112=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1), GO TO C284

C098

IF THIS IS A NEW INTERVIEW R:  
Have you ever had cataract surgery?

IF REINTERVIEW R AND R DID NOT REPORT IN LAST IW THAT HAD CATARACT SURGERY (Z112 NOT 1) or  
THIS IS DIFFERENT REPORTER FROM PREVIOUS WAVE (C185=1):  
Have you had cataract surgery [since R's LAST IW MONTH, YEAR]?

- 1. YES .....GO TO C099
- 5. NO .....GO TO C101 BRANCHPOINT
- DK .....GO TO C101 BRANCHPOINT
- RF .....GO TO C101 BRANCHPOINT

C284

Our records from your last interview in *R's LAST IW MONTH, YEAR* show that you have had cataract surgery in one eye. Since then have you had cataract surgery in the other eye?

- 1. YES
- 5. NO .....GO TO C101 BRANCHPOINT
- 7. [VOL] HAD CATARACT SURGERY IN BOTH EYES BEFORE LAST INTERVIEW
- 8. DK .....GO TO C101 BRANCHPOINT
- 9. RF .....GO TO C101 BRANCHPOINT

C099 BRANCHPOINT: IF R HAS HAD SURGERY ON BOTH EYES (C284={1 or 7}), ASSIGN 2 TO C099, AND GO TO C100

C099

Have you had cataract surgery on both eyes, or just one?

- 1. ONE EYE ONLY
- 2. BOTH EYES
- DK
- RF

C100

Did the cataract surgery [on either eye] include implanting a lens?

- 1. YES
- 5. NO
- DK
- RF

C101 BRANCHPOINT: IF R REPORTED IN LAST IW THAT HAD GLAUCOMA (Z089=1) and THIS IS THE SAME REPORTER AS AT LAST IW (C185 NOT 1), GO TO C237 BRANCHPOINT

C101



Has a doctor ever treated you for glaucoma?

DEFINITION: (Medical doctors include specialists such as Dermatologists, Psychiatrists, Ophthalmologists, Osteopaths, Cardiologists, as well as family doctors, internists and physicians' assistants. Also include diagnoses made by Nurses and Nurse Practitioners.)

- 1. YES
- 5. NO
- DK
- RF

C237 BRANCHPOINT: IF THIS IS A CORE INTERVIEW and A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C235>0), GO TO C102 BRANCHPOINT

*NOTE: QUESTION C237 IS ALWAYS ASKED OF NEW INTERVIEW Rs. IT IS ASKED OF CORE REINTERVIEW Rs ONLY EVERY THIRD WAVE. IT WAS LAST ASKED IN 2012 AND WILL BE ASKED AGAIN IN 2018.*

C237

This question is about your teeth.

Have you lost all of your upper and lower natural permanent teeth?

- 1. YES
- 5. NO
- DK
- RF

C102 BRANCHPOINT: IF R REPORTED IN PREVIOUS IW THAT WEARS HEARING AID (Z090=1) and THIS IS THE SAME REPORTER AS AT LAST IW (C185 NOT 1), GO TO C103

C102

Do you ever wear a hearing aid?

- 1. YES
- 5. NO
- DK
- RF

C103

IF R REPORTED WEARING A HEARING AID IN THIS IW (C102=1) or IN PREVIOUS IW (Z090=1):  
Is your hearing excellent, very good, good, fair, or poor using a hearing aid as usual?

OTHERWISE:

Is your hearing excellent, very good, good, fair, or poor?

1. EXCELLENT
  2. VERY GOOD
  3. GOOD
  4. FAIR
  5. POOR
- DK  
RF

C083

How often do you have trouble falling asleep?  
Would you say most of the time, sometimes, or rarely or never?

1. MOST OF THE TIME
  2. SOMETIMES
  3. RARELY OR NEVER
- DK  
RF

C084

How often do you have trouble because of waking up during the night?  
(Would you say most of the time, sometimes, or rarely or never?)

1. MOST OF THE TIME
  2. SOMETIMES
  3. RARELY OR NEVER
- DK  
RF

C085

How often do you have trouble with waking up too early and not being able to fall asleep again?  
(Would you say most of the time, sometimes, or rarely or never?)

1. MOST OF THE TIME
  2. SOMETIMES
  3. RARELY OR NEVER
- DK  
RF

C086

How often do you feel really rested when you wake up in the morning?

Would you say most of the time, sometimes, or rarely or never?

1. MOST OF THE TIME
  2. SOMETIMES
  3. RARELY OR NEVER
- DK  
RF

C289

In the past 12 months, how often did you snore while you were sleeping?

Would you say never, rarely, occasionally, or frequently?

[INSTR: IF R SAYS "DON'T KNOW" OR "HOW WOULD I KNOW?", PROBE: Has anyone told you that you snore? IF YES, PROBE: About how often do you think it happens?]

- 0. NEVER .....GO TO C291
- 1. RARELY (1-2 NIGHTS/WEEK) .....GO TO C291
- 2. OCCASIONALLY (3-4 NIGHTS/WEEK)
- 3. FREQUENTLY (5 OR MORE NIGHTS/WEEK)
- 8. DK
- 9. RF

C290

In the past 12 months, how often did you snort, gasp or stop breathing while you were sleeping?

(Would you say never, rarely, occasionally, or frequently?)

[INSTR: IF R SAYS "DON'T KNOW" OR "HOW WOULD I KNOW?", PROBE: Has anyone told you that you do this? IF YES, PROBE: About how often do you think it happens?]

- 0. NEVER
- 1. RARELY (1-2 NIGHTS/WEEK)
- 2. OCCASIONALLY (3-4 NIGHTS/WEEK)
- 3. FREQUENTLY (5 OR MORE NIGHTS/WEEK)
- 8. DK
- 9. RF

C291

Have you ever been told by a doctor or other health professional that you have a sleep disorder?

- 1. YES
- 5. NO .....GO TO C293 BRANCHPOINT
- DK .....GO TO C293 BRANCHPOINT
- RF .....GO TO C293 BRANCHPOINT

C292

What was the sleep disorder?

- 1. SLEEP APNEA
- 2. INSOMNIA
- 3. RESTLESS LEGS
- 7. OTHER (SPECIFY) C295 \_\_\_\_\_
- 8. DK
- 9. RF

C296 BRANCHPOINT: IF R REPORTED SOME SLEEPING OR SNORING PROBLEMS (C289=2,3 or C290=2,3 or C291=1), ASK C296

OTHERWISE, GO TO C104

C296

In the past year have you had any treatments for your [sleep/snoring] problem?

- 1. YES
- 5. NO.....GO TO C104
- 8. DK.....GO TO C104
- 9. RF.....GO TO C104

C293

What treatment(s) have you had?

[INSTR: READ LIST AND CHECK ALL THAT APPLY]

- 1. OXYGEN
- 2. POSITIVE AIR PRESSURE DEVICE SUCH AS A CPAP OR BIPAP
- 3. SURGERY OF THE NOSE OR THROAT
- 4. A DEVICE TO HELP POSITION YOUR JAW
- 5. NERVE STIMULATION OF THE TONGUE
- 6. ADHESIVE STRIPS WITH OR WITHOUT MEDICATION
- 7. ANY OTHER TREATMENTS (SPECIFY) C294 \_\_\_\_\_
- 8. DK
- 9. RF

C104

Are you often troubled with pain?

Was [she/he] often troubled with pain?

[INSTR: WE WANT A GENERAL IDEA OF R'S PAIN LEVEL DURING THE LAST YEAR OR SO OF LIFE]

- 1. YES
- 5. NO ..... C287
- DK ..... C287
- RF ..... C287

C105

How bad is the pain most of the time: mild, moderate or severe?

How bad was the pain most of the time: mild, moderate or severe?

- 1. MILD
- 2. MODERATE
- 3. SEVERE
- DK
- RF

C106 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C107

C106

Does the pain make it difficult for you to do your usual activities such as household chores or work?

- 1. YES
- 5. NO
- DK
- RF

C287

The next questions are about pain medications.

Over-the-counter pain medications include such things as Advil, Aleve, Tylenol, aspirin or similar medications. In the past three months have you taken any over-the-counter pain medications?

- 1. YES
- 5. NO
- DK
- RF

C288

Another class of pain medications, called "opioids", includes such things as Vicodin, OxyContin, codeine, morphine, or similar medications. In the past three months, have you taken any opioid pain medications?

- 1. YES
- 5. NO
- 7. [VOL] R MENTIONS A PAIN MEDICATION, BUT NOT SURE IF IT IS AN OPIOID
- DK
- RF

C107 BRANCHPOINT: IF THIS IS A CORE INTERVIEW and A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C231>0), GO TO C278 BRANCHPOINT

*NOTE: QUESTIONS C107 AND C108 ARE ALWAYS ASKED OF NEW INTERVIEW Rs AND EXIT Rs. THEY ARE ASKED OF CORE REINTERVIEW Rs ONLY IN ALTERNATE WAVES. THEY WERE LAST ASKED OF CORE REINTERVIEW Rs IN 2014 AND WILL BE ASKED AGAIN IN 2018.*

C107

Are there any medical diseases or conditions that are important to your health now, that we have not talked about?

Did [she/he] have any (other) major illnesses [since the time of our interview in [MONTH] [YEAR]?/in the two years preceding [her/his ]death?]

1. YES  
5. NO .....GO TO C278 BRANCHPOINT  
DK .....GO TO C278 BRANCHPOINT  
RF .....GO TO C278 BRANCHPOINT

1. YES  
5. NO .....GO TO C278 BRANCHPOINT  
DK .....GO TO C278 BRANCHPOINT  
RF .....GO TO C278 BRANCHPOINT

C108S

(What are they?)  
(What illness was that?)

---

CONDITIONS

DK  
RF

C278 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO C117

IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C234>0), GO TO C223

IF THIS IS A REINTERVIEW R and REPORTED HAD PNEUMONIA VACCINATION ON A PRIOR IW (Z264=1), GO TO C109 (AFTER C278)

*NOTE: QUESTIONS C278 THROUGH C279 ARE ALWAYS ASKED OF NEW INTERVIEW Rs. THEY ARE ASKED OF REINTERVIEW Rs ONLY IN ALTERNATE WAVES. THEY WERE LAST ASKED OF REINTERVIEW Rs IN 2012 AND WILL BE ASKED AGAIN IN 2016.*

C278

The next few questions are about medical tests or procedures that you may have had.

IF R WAS ASKED ABOUT PNEUMONIA VACCINATION IN PREVIOUS WAVE (Z264=5):  
Since we last talked with you in R's LAST IW MONTH, YEAR have you had a pneumonia vaccination?

OTHERWISE:  
Have you ever had a pneumonia vaccination?

1. YES  
5. NO  
DK  
RF

C109

[Since we talked to you last in R's LAST IW MONTH, YEAR/In the last two years], have you had: any of the following medical tests or procedures?

A flu shot?

[INSTR: A FLU SHOT MAY NOW BE GIVEN BY A MIST IN THE NOSE]

- 1. YES
- 5. NO
- DK
- RF

C110

([Since we talked to you last in R's LAST IW MONTH, YEAR/In the last two years], have you had: any of the following medical tests or procedures?)

A blood test for cholesterol?

- 1. YES
- 5. NO
- DK
- RF

C112 BRANCHPOINT: BRANCHPOINT: IF R IS MALE (X060=1), GO TO C114

C112

([Since we talked to you last in R's LAST IW MONTH, YEAR/In the last two years], have you had: any of the following medical tests or procedures?)

[INSTR: (IF R IS FEMALE)]

Did you have a mammogram or x-ray of the breast, to search for cancer [since R's LAST IW MONTH, YEAR/in the last two years]?

- 1. YES
- 5. NO
- DK
- RF

C113

([Since we talked to you last in R's LAST IW MONTH, YEAR/In the last two years], have you had: any of the following medical tests or procedures?)

[INSTR: (IF R IS FEMALE)]

A PAP smear?

- 1. YES
- 5. NO
- DK
- RF

C249 BRANCHPOINT: IF THIS IS A PROXY REPORTER FOR A LIVING R (A007=1 and {A009 NOT 1}) or R REPORTED IN PREVIOUS WAVE THAT HAD HYSTERECTOMY (Z256=1), GO TO C279

C249

Have you ever had a hysterectomy, that is, surgery to remove your uterus or womb?

- 1. YES
- 5. NO .....GO TO C252 BRANCHPOINT
- DK .....GO TO C252 BRANCHPOINT
- RF .....GO TO C252 BRANCHPOINT

C250

How old were you when you had your hysterectomy?

AGE \_\_\_\_\_

- DK
- RF

C251 BRANCHPOINT: IF AGE WHEN R HAD HYSTERECTOMY IS LESS THAN 45 (C250 < 45), GO TO C114 BRANCHPOINT

C251

Did you have your hysterectomy after your last menstrual period, that is, after you went through menopause?

- 1. YES .....GO TO C253
- 5. NO .....GO TO C114 BRANCHPOINT
- DK .....GO TO C253
- RF .....GO TO C253

C252 BRANCHPOINT: IF R'S CURRENT AGE IS {55 OR OLDER} (A019 >=55) or R HAD HYSTERECTOMY (C249=1), GO TO C253

IF R REPORTED IN PREVIOUS WAVE THAT MENOPAUSE IS ALL THROUGH (Z257=1), GO TO C279

C252

Regarding menopause, do you think you are without a sign, just beginning, in the middle, near the end, or all through?

- 1. WITHOUT A SIGN .....GO TO C114 BRANCHPOINT
- 2. JUST BEGINNING .....GO TO C114 BRANCHPOINT
- 3. IN THE MIDDLE .....GO TO C114 BRANCHPOINT
- 4. NEAR THE END .....GO TO C114 BRANCHPOINT
- 5. ALL THROUGH
- DK .....GO TO C114 BRANCHPOINT
- RF .....GO TO C114 BRANCHPOINT



C253

About how old were you when you finished going through menopause, that is, had your last menstrual period?

[INSTR: IF R IS STILL HAVING MENSTRUAL PERIODS, ENTER 97.]

\_\_\_\_\_ .....GO TO C114 BRANCHPOINT  
AGE

97. STILL HAVING MENSTRUAL PERIODS .....GO TO C114 BRANCHPOINT

DK

RF

C254

Were you older than age 50, younger than 50, or what?

1. OLDER THAN AGE 50 .....GO TO C256

3. ABOUT AGE 50 .....GO TO C114 BRANCHPOINT

5. YOUNGER THAN 50

DK .....GO TO C114 BRANCHPOINT

RF .....GO TO C114 BRANCHPOINT

C255

Were you older than age 45, younger than 45, or what?

1. OLDER THAN AGE 45

3. ABOUT AGE 45

5. YOUNGER THAN 45

DK

RF

C256 BRANCHPOINT: GO TO C114 BRANCHPOINT

C256

Were you older than age 55, younger than 55, or what?

1. OLDER THAN AGE 55

3. ABOUT AGE 55

5. YOUNGER THAN 55

DK

RF

C114 BRANCHPOINT: IF R IS FEMALE (X060=2), GO TO C279

C114

([Since we talked to asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had: any of the following medical tests or procedures?)

[INSTR: (IF R IS MALE)]

A PSA blood test or other examination to screen for prostate cancer?

1. YES

5. NO

DK

RF

C279

Now please think about the last four years.

In the last four years have you had a colonoscopy, sigmoidoscopy or other screening for colon cancer?

DEFINITION: A sigmoidoscopy is similar to a colonoscopy, but a shorter flexible tube is placed in the rectum and only the last part of the bowel is examined

1. YES

5. NO

DK

RF

C223

We would like to know the type and amount of physical activity involved in your daily life.

How often do you take part in sports or activities that are vigorous, such as running or jogging, swimming, cycling, aerobics or gym workout, tennis, or digging with a spade or shovel: more than once a week, once a week, one to three times a month, or hardly ever or never?

1. MORE THAN ONCE A WEEK

2. ONCE A WEEK

3. ONE TO THREE TIMES A MONTH

4. HARDLY EVER OR NEVER

7. [VOL] EVERY DAY

DK

RF

C224

And how often do you take part in sports or activities that are moderately energetic, such as gardening, cleaning the car, walking at a moderate pace, dancing, floor or stretching exercises: (more than once a week, once a week, one to three times a month, or hardly ever or never)?

- 1. MORE THAN ONCE A WEEK
- 2. ONCE A WEEK
- 3. ONE TO THREE TIMES A MONTH
- 4. HARDLY EVER OR NEVER
- 7. [VOL] EVERY DAY
- DK
- RF

C225

And how often do you take part in sports or activities that are mildly energetic, such as vacuuming, laundry, home repairs:  
(more than once a week, once a week, one to three times a month, or hardly ever or never)?

- 1. MORE THAN ONCE A WEEK
- 2. ONCE A WEEK
- 3. ONE TO THREE TIMES A MONTH
- 4. HARDLY EVER OR NEVER
- 7. [VOL] EVERY DAY
- DK
- RF

C116 BRANCHPOINT: IF THIS IS A REINTERVIEW R (Z076=1) and R DID NOT REPORT {IN BASELINE IW THAT S/HE EVER SMOKED OR IN ANY FOLLOWUP IW THAT S/HE EVER SMOKED} (Z205 NOT 1), GO TO C128

IF THIS IS A REINTERVIEW R, GO TO C117

C116

Have you ever smoked cigarettes?

DEFINITION: By smoking we mean more than 100 cigarettes in your lifetime. Do not include pipes, cigars, or e-cigarettes.

- 1. YES
- 5. NO .....GO TO C128
- DK .....GO TO C128
- RF .....GO TO C128

C117

Do you smoke cigarettes now?

DEFINITION: Do not include pipes, or cigars, or e-cigarettes.

Did [she/he] ever smoke cigarettes in the last two years of [her/his] life?

DEFINITION: Do not include pipes, cigars, or e-cigarettes.

- 1. YES
- 5. NO
- DK
- RF

C118 BRANCHPOINT: IF R SMOKES NOW (C117=1), CONTINUE ON TO C118

IF R HAS NEVER BEEN ASKED WHEN STARTED SMOKING (Z231={1 or EMPTY}), GO TO C120  
BRANCHPOINT

OTHERWISE, GO TO C123 BRANCHPOINT

C118

About how many cigarettes or packs do you usually smoke in a day now?

[INSTR: PROBE A RANGE. THERE ARE 20 CIGARETTES IN A PACK.]

[INSTR: THIS QUESTION REFERS TO CIGARETTE SMOKING ONLY. IF R SMOKES CIGARS OR PIPES, ENTER THE TYPE AND AMOUNT SMOKED IN AN F2 COMMENT.]

[INSTR: PLEASE ANSWER WITH THE NUMBER OF CIGARETTES OR THE NUMBER OF PACKS. IF YOU ENTER AN ANSWER IN BOTH BOXES, ONLY THE LAST ANSWER YOU ENTERED WILL BE KEPT]

About how many cigarettes or packs did [she/he] usually smoke in a day?

[INSTR: PROBE A RANGE. THERE ARE 20 CIGARETTES IN A PACK.]

[INSTR: THIS QUESTION REFERS TO CIGARETTE SMOKING ONLY. IF R SMOKES CIGARS OR PIPES, ENTER THE TYPE AND AMOUNT SMOKED IN AN F2 COMMENT.]

[INSTR: PLEASE ANSWER WITH THE NUMBER OF CIGARETTES OR THE NUMBER OF PACKS. IF YOU ENTER AN ANSWER IN BOTH BOXES, ONLY THE LAST ANSWER YOU ENTERED WILL BE KEPT]

CIGARETTES/DAY \_\_\_\_\_

[OR]

C119

PACKS\DAY \_\_\_\_\_

- DK
- RF

C120 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO C128

IF R WAS ASKED IN PREVIOUS IW WHEN STARTED SMOKING (Z231=5), GO TO C123 BRANCHPOINT

C120

IF REINTERVIEW R WAS NOT ASKED IN A PREVIOUS IW WHEN STARTED SMOKING (Z231=1):  
In a prior interview you told us you have smoked cigarettes.

ASK ALL Rs:

About how old were you when you started smoking?

[INSTR: IF R SAYS NEVER SMOKED, ENTER '95']

YEARS OLD \_\_\_\_\_

95. NEVER SMOKED .....GO TO C128

[OR]

C121

YEAR STARTED SMOKING \_\_\_\_\_

[OR]

C122

STARTED SMOKING YEARS AGO \_\_\_\_\_

DK

RF

C123 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW or R SMOKES NOW (C117=1), GO TO C128

C123

IF REINTERVIEW R WAS NOT ASKED IN THIS IW WHEN STARTED SMOKING (C120=EMPTY):  
(In a prior interview you told us you have smoked cigarettes.)

ASK ALL Rs:

When you were smoking the most, about how many cigarettes or packs did you usually smoke in a day?

[INSTR: IF R SAYS NEVER SMOKED, ENTER '95']

[INSTR: PROBE A RANGE. THERE ARE 20 CIGARETTES IN A PACK]

[INSTR: THIS QUESTION REFERS TO CIGARETTE SMOKING ONLY. IF R SMOKES CIGARS OR PIPES, ENTER THE TYPE AND AMOUNT SMOKED IN AN F2 COMMENT.]

[INSTR: PLEASE ANSWER WITH THE NUMBER OF CIGARETTES OR THE NUMBER OF PACKS. IF YOU ENTER AN ANSWER IN BOTH BOXES, ONLY THE LAST ANSWER YOU ENTERED WILL BE KEPT]

CIGARETTES/DAY \_\_\_\_\_

[OR]

C124

PACKS\DAY \_\_\_\_\_

DK

RF

C125 BRANCHPOINT: IF R WAS ASKED IN A PREVIOUS IW WHEN STOPPED SMOKING (Z232=5), GO TO C128

C125

About how many years ago did you stop smoking?

[INSTR: ENTER '95' IF R SAYS NEVER SMOKED]

[INSTR: ENTER '96' IF LESS THAN ONE YEAR]

YEARS AGO \_\_\_\_\_

95. R NEVER SMOKED .....GO TO C128

96. LESS THAN ONE YEAR

[OR]

C126

YEAR STOPPED SMOKING \_\_\_\_\_

[OR]

C127

AGE WHEN STOPPED SMOKING \_\_\_\_\_

DK

RF

C128

Do you ever drink any alcoholic beverages such as beer, wine, or liquor?

In the last two years before [her /his ] death, did [she/he] ever drink any alcoholic beverages such as beer, wine, or liquor?

1. YES

5. NO

3. [VOL] NEVER HAVE USED ALCOHOL

DK

RF

C129 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO C139

IF R NEVER USED ALCOHOL (C128=3), ASSIGN 6 TO C134 AND GO TO C139

IF R DID NOT USE ALCOHOL NOW or DID NOT SAY (C128={5 or 8 or 9}), GO TO C134 BRANCHPOINT

C129

In the last three months, on average, how many days per week have you had any alcohol to drink?  
(For example, beer, wine, or any drink containing liquor.)

0 - NONE OR LESS THAN ONCE A WEEK

1 - 6

7 - EVERY DAY

DAYS \_\_\_\_\_

0. NONE OR LESS THAN ONCE A WEEK .....GO TO C135 BRANCHPOINT

DK

RF

C130

In the last three months, on the days you drink, about how many drinks do you have?

NUMBER OF DRINKS \_\_\_\_\_

DK

RF

C131

In the last three months, on how many days have you had four or more drinks on one occasion?

[INSTR: ENTER "0" FOR NONE]

NUMBER OF DAYS \_\_\_\_\_

DK

RF

C134 BRANCHPOINT: IF THIS IS A REINTERVIEW R and {R REPORTED IN ANY PRIOR WAVE THAT HAD USED ALCOHOL (Z254=1) or R REPORTED IN CURRENT WAVE THAT CURRENTLY DRINKS (C128=1)}, ASSIGN 2 TO C134 AND GO TO C139

IF THIS IS A REINTERVIEW R and R REPORTED IN ANY PRIOR WAVE THAT HAD NEVER USED ALCOHOL (Z254=5), ASSIGN 6 TO C134 AND GO TO C139

IF R CURRENTLY DRINKS ALCOHOL (C128=1), ASSIGN 2 TO C134 AND GO TO C135 BRANCHPOINT

C134

In your entire life, have you had at least 12 drinks of any type of alcoholic beverage?

1. YES
2. YES, ASSIGNED BASED ON PRIOR REPORT.....GO TO C139
5. NO .....GO TO C139
6. NO, ASSIGNED BASED ON PRIOR REPORT .....GO TO C139
8. DK .....GO TO C139
9. RF .....GO TO C139

C135 BRANCHPOINT: IF THIS IS A REINTERVIEW R or NOT A SELF INTERVIEW (A009 NOT 1), GO TO C139

C135

Have you ever felt that you should cut down on drinking?

1. YES
  5. NO
- DK  
RF

C136

Have people ever annoyed you by criticizing your drinking?



- 1. YES
- 5. NO
- DK
- RF

C137

Have you ever felt bad or guilty about drinking?

- 1. YES
- 5. NO
- DK
- RF

C138

Have you ever taken a drink first thing in the morning to steady your nerves or get rid of a hangover?

- 1. YES
- 5. NO
- DK
- RF

C139

About how much do you weigh?

[INSTR: ENTER 400 IF R REPORTS A WEIGHT OF 400 OR MORE]

About how much did [she/he] weigh at the time of [her /his ] death?

[INSTR: ENTER 400 IF R REPORTS A WEIGHT OF 400 OR MORE]

POUNDS \_\_\_\_\_

- DK
- RF

C140 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, CONTINUE ON TO C140

IF THIS IS A REINTERVIEW R, GO TO C226 BRANCHPOINT (AFTER C140)

C140

Have you gained or lost ten or more pounds in the last 2 years?

[INSTR: IF R ANSWERS 'YES', PROBE FOR WHETHER R GAINED, LOST OR BOTH GAINED AND LOST 10 OR MORE POUNDS.]

Did R's FIRST NAME gain or lose ten or more pounds in the last 2 years of [her /his ] life?

[INSTR: IF R ANSWERS 'YES', PROBE FOR WHETHER R GAINED, LOST OR BOTH GAINED AND LOST 10 OR MORE POUNDS.]

- 1. YES, GAINED
- 2. YES, LOST
- 3. YES, GAINED AND LOST
- 5. NO
- DK
- RF

C226 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO C198 (AFTER C229)

IF THIS IS A REINTERVIEW R and R's LAST IW YEAR WAS {2004 OR LATER} (Z093 >= 2004), GO TO C141 BRANCHPOINT

*NOTE: QUESTIONS C226 THROUGH C228 ARE ONLY ASKED AT BASELINE (FIRST EVER IW FOR EACH R). THUS, THEY ARE ALWAYS ASKED OF NEW INTERVIEW Rs. THEY ARE ASKED OF CORE REINTERVIEW Rs ONLY ONCE, IN THE 2004 WAVE, BUT WILL NOT BE ASKED OF REINTERVIEW Rs THEREAFTER; HOWEVER, A REINTERVIEW R WHO WAS NOT INTERVIEWED IN 2004 WOULD BE ASKED THE QUESTIONS AT HIS/HER NEXT INTERVIEW.*

C226

Up to the present time, what is the most you have ever weighed?

IF R IS FEMALE:

Do not include weight during pregnancy.

[INSTR: ENTER 400 IF R REPORTS A WEIGHT OF 400 OR MORE]

[INSTR: ENTER WEIGHT IN POUNDS]

NUMBER OF POUNDS \_\_\_\_\_

DK .....GO TO C141 BRANCHPOINT

RF .....GO TO C141 BRANCHPOINT

C228

How old were you then? (If you don't know your exact age, please make your best guess.)

AGE \_\_\_\_\_

DK

RF

C141 BRANCHPOINT: IF THIS IS A REINTERVIEW R and R IS NOT FLAGGED FOR ENHANCED FTF (X090 NOT 3), GO TO C143 BRANCHPOINT

C141

About how tall are you?

FEET \_\_\_\_\_

DK .....GO TO C143 BRANCHPOINT

RF .....GO TO C143 BRANCHPOINT

C142

About how tall are you?

[INSTR: RECORD TO THE QUARTER OF AN INCH. FOR EXAMPLE, RECORD 7¼ INCHES AS 7.25. RECORD 7 INCHES AS 7.00.]

INCHES \_\_\_\_\_

DK

RF

C143 BRANCHPOINT: IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS SET TO NOT ASK QUESTIONS (C234>0), GO TO C229 BRANCHPOINT

*NOTE: QUESTIONS C143 THROUGH C149 ARE ALWAYS ASKED OF NEW INTERVIEW Rs. THEY ARE ASKED OF REINTERVIEW Rs ONLY IN ALTERNATE WAVES. THEY WERE LAST ASKED OF REINTERVIEW Rs IN 2012 AND WILL BE ASKED AGAIN IN 2016.*

C143

IF NEW INTERVIEW R:

Have you had any of the following persistent or troublesome problems?

IF REINTERVIEW R (IN ALTERNATE YEARS WHEN THEY ARE ASKED):

Since we last talked to you in R's LAST IW [MONTH, ]YEAR, have you had any of the following persistent or troublesome problems?:

Persistent swelling in your feet or ankles?

1. YES

5. NO

DK

RF

C144

(Since we last talked to you in R's LAST IW [MONTH, ]YEAR, [have/Have] you had any of the following persistent or troublesome problems?:)

Shortness of breath while awake?

1. YES

5. NO

DK

RF

C145

(Since we last talked to you in R's LAST IW [MONTH, ]YEAR, [have/Have] you had any of the following persistent or troublesome problems?:)

Persistent dizziness or lightheadedness?

- 1. YES
- 5. NO
- DK
- RF

C146

(Since we last talked to you in R's LAST IW [MONTH, ]YEAR, [have/Have] you had any of the following persistent or troublesome problems?:)

Back pain or problems?

- 1. YES
- 5. NO
- DK
- RF

C147

(Since we last talked to you in R's LAST IW [MONTH, ]YEAR, [have/Have] you had any of the following persistent or troublesome problems?:)

Have you had persistent headaches?

- 1. YES
- 5. NO
- DK
- RF

C148

(Since we last talked to you in R's LAST IW [MONTH, ]YEAR, [have/Have] you had any of the following persistent or troublesome problems?:)

Severe fatigue or exhaustion?

- 1. YES
- 5. NO
- DK
- RF

C149

(Since we last talked to you in R's LAST IW [MONTH, ]YEAR, [have/Have] you had any of the following persistent or troublesome problems?:)

Persistent wheezing, cough, or bringing up phlegm?

- 1. YES
- 5. NO
- DK
- RF

C229 BRANCHPOINT: IF R LIVES IN A NURSING HOME (A028=1), GO TO C150 BRANCHPOINT (AFTER C208)

C229

Aside from any hospital or nursing home stays, about how many days did you stay in bed more than half the day because of illness or injury during the last month?

[INSTR: ENTER "0" FOR NONE]

DAYS \_\_\_\_\_

- DK
- RF

C198 BRANCHPOINT: IF THIS IS NOT AN EXIT INTERVIEW, GO TO C150 BRANCHPOINT (AFTER C208)

C198

Was there a period of at least one month during the last year of [her /his] life when [she/he] had the following problems:

Difficulty breathing?

- 1. YES
- 3. [VOL] ON RESPIRATOR
- 5. NO
- DK
- RF

C199

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Very little appetite or desire for food?

- 1. YES
- 3. [VOL] IV FLUIDS OR FEEDING TUBE
- 5. NO
- DK
- RF

C200

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Frequent vomiting?

1. YES

5. NO

DK

RF

C201

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Difficulty controlling [her/his] arms and legs?

1. YES

5. NO

DK

RF

C202

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Depression?

1. YES

5. NO

DK

RF

C203

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Periodic confusion?

1. YES

5. NO

DK

RF

C204

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Severe fatigue or exhaustion?

- 1. YES
- 5. NO
- DK
- RF

C205

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Difficulty being aroused or wakened, or loss of consciousness?

- 1. YES
- 5. NO
- DK
- RF

C206

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Persistent wheezing, cough or bringing up phlegm?

- 1. YES
- 5. NO
- DK
- RF

C207

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Uncontrolled outbursts of temper?

- 1. YES
- 5. NO
- DK
- RF

C208

(Was there a period of at least one month during the last year of [her /his] life when [she/he] had)

Loss of control of bowel or bladder?

- 1. YES
- 5. NO
- DK
- RF

C150 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO END OF SECTION C

IF THIS IS A LIVING PROXY INTERVIEW (A009={2 or 3}), GO TO C183 (C ASSIST)

C150

We'd like to know how you've been feeling over the last year.

During the last 12 months, was there ever a time when you felt sad, blue, or depressed for two weeks or more in a row?

1. YES
5. NO .....GO TO C167 BRANCHPOINT
3. [VOL] DID NOT FEEL DEPRESSED BECAUSE ON ANTI-DEPRESSANT MEDICATION .....GO TO C167 BRANCHPOINT
- DK .....GO TO C167 BRANCHPOINT
- RF .....GO TO C167 BRANCHPOINT

C151

Please think of the two-week period during the last 12 months when these feelings were worst.

During that time did the feelings of being sad, blue, or depressed usually last all day long, most of the day, about half the day, or less than half the day?

1. ALL DAY LONG
2. MOST OF THE DAY
3. ABOUT HALF THE DAY .....GO TO C167 BRANCHPOINT
4. LESS THAN HALF THE DAY .....GO TO C167 BRANCHPOINT
- DK .....GO TO C167 BRANCHPOINT
- RF .....GO TO C167 BRANCHPOINT

C152

During those two weeks, did you feel this way every day, almost every day, or less often than that?

1. EVERY DAY
2. ALMOST EVERY DAY
3. LESS OFTEN .....GO TO C167 BRANCHPOINT
- DK .....GO TO C167 BRANCHPOINT
- RF .....GO TO C167 BRANCHPOINT

C153

During those two weeks, did you lose interest in most things?

[INSTR: IF R SAYS USUALLY NO INTEREST IN THINGS: REPEAT Q ADDING: "... more than is usual for you."]



- 1. YES
- 5. NO
- DK
- RF

C154

Thinking about those same two weeks, did you ever feel more tired out or low in energy than is usual for you?

- 1. YES
- 5. NO
- DK
- RF

C155

During those same two weeks, did you lose your appetite?

- 1. YES .....GO TO C157
- 5. NO
- DK
- RF

C156

Did your appetite increase during those same two weeks?

- 1. YES
- 5. NO
- DK
- RF

C157

Did you have more trouble falling asleep than you usually do during those two weeks?

- 1. YES
- 5. NO .....GO TO C159
- DK .....GO TO C159
- RF .....GO TO C159

C158

Did that happen every night, nearly every night, or less often during those two weeks?

- 1. EVERY NIGHT
- 2. NEARLY EVERY NIGHT
- 3. LESS OFTEN
- DK
- RF

C159

During that same two-week period, did you have a lot more trouble concentrating than usual?

- 1. YES
- 5. NO
- DK
- RF

C160

People sometimes feel down on themselves, and no good or worthless. During that two-week period, did you feel this way?

- 1. YES
- 5. NO
- DK
- RF

C161

Did you think a lot about death -- either your own, someone else's, or death in general -- during those two weeks?

- 1. YES
- 5. NO
- DK
- RF

C163 BRANCHPOINT: IF R DID NOT ANSWER YES TO ANY OF QUESTIONS C153 THROUGH C161 ({C153 and C154 and C155 and C156 and C157 and C159 and C160 and C161} NOT 1), GO TO C183 (C ASSIST)

C163

To review, you had two weeks in a row during the last 12 months when you were sad, blue, or depressed and also had some other feelings or problems like --

[INSTR: READ UP TO THE FIRST 3 'YES' RESPONSES TO C153 - C161]

- losing interest
- feeling tired
- lose appetite
- appetite increase
- trouble falling asleep
- trouble concentrating
- feeling down on yourself
- thoughts about death

About how many weeks altogether -- out of 52 -- did you feel this way during the last 12 months?

WEEKS \_\_\_\_\_

[OR]

C164

MONTHS \_\_\_\_\_

[OR]

C165

ENTIRE YEAR \_\_\_\_\_ .....GO TO C183 (C ASSIST)

DK

RF

C166 BRANCHPOINT: IF R REPORTS THAT S/HE FELT THIS WAY (AS IN C163) FOR {52 WEEKS or 12 MONTHS or ENTIRE YEAR}, GO TO C183 (C ASSIST)

C166

Think about the most recent time when you had two weeks in a row when you felt this way. In what month was this (during the last 12 months)?

[INSTR: RECORD MOST RECENT MONTH]

MONTH [Drop down]

1. JAN

2. FEB

3. MAR

4. APR

5. MAY

6. JUN

7. JUL

8. AUG

9. SEP

10. OCT

11. NOV

12. DEC

DK

RF

C167 BRANCHPOINT: IF R REPORTED FEELING {SAD OR DEPRESSED} {DURING A PERIOD OF {TWO WEEKS or LONGER} IN LAST 12 MONTHS (C150=1) and FOR {ALL or MOST} OF THE DAY (C151={1 or 2}) and FOR {EVERY DAY or ALMOST EVERY DAY} DURING THOSE TWO WEEKS (C152={1 or 2})}, GO TO C183 (C ASSIST)

C167

During the last 12 months, was there ever a time lasting two weeks or more when you lost interest in most things like hobbies, work, or activities that usually give you pleasure?

- 1. YES
- 5. NO .....GO TO C183 (C ASSIST)
- 3. [VOL] NOT FEEL LOSS OF INTEREST BECAUSE ON ANTI DEPRESSANT MEDICATION .....GO TO C183 (C ASSIST)
- DK .....GO TO C183 (C ASSIST)
- RF .....GO TO C183 (C ASSIST)

C168

Please think of the two-week period during the last 12 months when you had the most complete loss of interest in things.

During that two-week period, did the loss of interest usually last all day long, most of the day, about half the day, or less than half the day?

- 1. ALL DAY LONG
- 2. MOST OF THE DAY
- 3. ABOUT HALF THE DAY .....GO TO C183 (C ASSIST)
- 4. LESS THAN HALF THE DAY .....GO TO C183 (C ASSIST)
- DK .....GO TO C183 (C ASSIST)
- RF .....GO TO C183 (C ASSIST)

C169

Did you feel this way every day, almost every day, or less often during the two weeks?

- 1. EVERY DAY
- 2. ALMOST EVERY DAY
- 3. LESS OFTEN .....GO TO C183 (C ASSIST)
- DK .....GO TO C183 (C ASSIST)
- RF .....GO TO C183 (C ASSIST)

C170

During those two weeks, did you feel tired out or low on energy all the time?

- 1. YES
- 5. NO
- DK
- RF

C171

During those same two weeks, did you lose your appetite?

- 1. YES .....GO TO C173
- 5. NO
- DK
- RF

C172

Did your appetite increase during those same two weeks?

- 1. YES
- 5. NO
- DK
- RF

C173

During those same two weeks, did you have more trouble falling asleep than you usually do?

- 1. YES
- 5. NO .....GO TO C175
- DK .....GO TO C175
- RF .....GO TO C175

C174

Did that happen every night, nearly every night, or less often during those two weeks?

- 1. EVERY NIGHT
- 2. NEARLY EVERY NIGHT
- 3. LESS OFTEN
- DK
- RF

C175

During those two weeks, did you have more trouble concentrating than usual?

- 1. YES
- 5. NO
- DK
- RF

C176

People sometimes feel down on themselves, no good or worthless.  
Did you feel this way during that two-week period?

- 1. YES
- 5. NO
- DK
- RF

C177

Did you think a lot about death during those two weeks -- either your own, someone else's, or death in general?

- 1. YES
- 5. NO
- DK
- RF

C179 BRANCHPOINT: IF R DID NOT RESPOND YES TO ALL OF QUESTIONS C170 THROUGH C177 ({C170 and C171 and C172 and C173 and C175 and C176 and C177} NOT 1), GO TO C183 (C ASSIST)

C178

To review, you had two weeks in a row during the last 12 months when you lost interest in most things like hobbies, work, or activities that usually give you pleasure, and also had some other feelings or problems like --

[INSTR: READ UP TO THE FIRST 3 'YES' RESPONSES TO C170 - C177]

feeling tired  
lose appetite  
appetite increase  
trouble falling asleep  
trouble concentrating  
feeling down on yourself  
thoughts about death

About how many weeks altogether - out of 52 - did you feel this way during the last 12 months?

C179

WEEKS \_\_\_\_\_

[OR]

C180

MONTHS \_\_\_\_\_

[OR]

C181

ENTIRE YEAR \_\_\_\_\_ .....GO TO C183 (C ASSIST)

DK

RF

C182 BRANCHPOINT: IF R REPORTS THAT S/HE FELT THIS WAY (AS IN C179) FOR {52 WEEKS or 12 MONTHS or ENTIRE YEAR}, GO TO C183 (C ASSIST)

C182

Think about the most recent time when you had two weeks in a row when you felt this way. In what month was this (during the last 12 months)?

MONTH [Drop down]

1. JAN
2. FEB
3. MAR
4. APR
5. MAY
6. JUN
7. JUL
8. AUG
9. SEP
10. OCT
11. NOV
12. DEC
- DK
- RF

C183

C ASSIST

INSTR:

HOW OFTEN DID R RECEIVE ASSISTANCE WITH ANSWERS IN SECTION C -- HEALTH?

1. NEVER
2. A FEW TIMES
3. MOST OR ALL OF THE TIME
4. THE SECTION WAS DONE BY A PROXY REPORTER

- GO TO SECTION D -