

HRS 2022 -- SECTION C: HEALTH
COMMENTED VERSION -- 04/1/2022

***** NOTE FOR REVIEWERS *****

ALL CHANGES FOR THE 2022 WAVE INSTRUMENT ARE FLAGGED WITH
#@ LOCATED ON THE RIGHT SIDE OF THE CHANGED ITEM OR SERIES.
THUS, ALL CHANGES CAN BE LOCATED BY SEARCHING FOR **#@** IN THE
DESIGN CHANGE COMMENTS COLUMN.

CHANGES IN ITEMS THAT WERE IN THE 2020 INSTRUMENT APPEAR IN **RED**.

NEW QUESTIONS AND ASSOCIATED NEW BRANCHPOINTS, ETC., APPEAR IN
BLUE SANDWICHED BETWEEN ROWS OF *********.

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.

NOTE ABOUT COLORS:

ALL TEXT IN TEAL IS SPECIFIC TO A WEB INTERVIEW.

ALL TEXT IN FUCHSIA IS SPECIFIC TO THE EXIT INTERVIEW.

THE CORE INTERVIEW IS DOCUMENTED USING BLACK TEXT, BUT BLACK TEXT
CAN ALSO APPLY TO THE EXIT OR WEB INTERVIEW WHEN THERE ARE NO
DIFFERENCES FROM THE CORE.

NOTE ABOUT BOLD/UNDERLINE TEXT:

ANY QUESTION THAT IS UNDERLINED IN THE B&A WILL APPEAR IN BOLD IN
CAPI AND WILL BE UNDERLINED FOR CAWI.

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.

SINCE EXIT INTERVIEW Rs ARE REINTERVIEW Rs, QUESTIONS NOT ASKED OF REINTERVIEW Rs ALSO ARE NOT ASKED OF EXIT Rs, UNLESS OTHERWISE NOTED.

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 PROXY IS/WAS THE SAME REPORTER {piC185_DifferentReporter NOT 1}.

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.

NOTE ABOUT NON-RESPONSE FLOW:

ANY QUESTION THAT IS ASKED BUT LEFT WITHOUT A RESPONSE IN CAWI INTERVIEWS WILL FOLLOW THE SAME PATH AS A REFUSAL FOR THAT QUESTION, UNLESS OTHERWISE SPECIFIED.

MAJOR FLOW CONTROL: PRELOAD

Module Assignment (X009= 1-10)

R is **Male** (X060=1)

R is **Female** (X060=2)

Preferred Mode of Interview is **Phone** (X090=1)

Preferred Mode of Interview is **Face to Face** (X090=2)

Preferred Mode of Interview is **Enhanced Face to Face** (X090=3)

Previous Wave **Interview Month: January-December** (Z092= 1-12)

Previous Wave **Interview Year** (Z093= Actual Value)

Previous Wave Interview Was **Self** (Z095=1)

Previous Wave Interview Was **Proxy** (Z095=2)

Previous Wave Interview **Proxy Name Not Preloaded** (Z095=3)

This Is A **Reinterview R** (Z076=1);

This Is A **New Interview R** (Z076=5)

HEALTH CONDITIONS REPORTED IN A PREVIOUS IW:

R **Had** Glaucoma In Previous Wave (Z089=1)

R **Did Use** Hearing Aid in Previous Wave (Z090=1)

R **Had** High Blood Pressure In Previous Wave (Z101=1)

R **Had** Diabetes or Blood Sugar Problems In Previous Wave (Z102=1)

R **Had** Cancer In Previous Wave (Z103=1)
R **Had** Lung Problems In Previous Wave (Z104=1)
R **Had** Heart Problems In Previous Wave (Z105=1)
R **Had** Had Stroke In Previous Wave (Z106=1)
R **Had** Psychiatric Problems In Previous Wave (Z107=1)
R **Had** Arthritis In Previous Wave (Z108=1)
R **Had** Broken Hip in Previous Wave (Z110=1)
R **Had** Had Cataracts in Previous Wave (Z112=1)
R **Had** Memory Disease in Previous Wave (Z117=1)
R **Did** Report Depression In Previous Wave (Z260=1)
R **Had** Alzheimer's In Previous Wave (Z261=1)
R **Had** Dementia In Previous Wave (Z262=1)
R **Has** Had Pneumonia Vaccine (Z264=1)
R **Had** Osteoporosis In Previous Wave (Z265=1)
R **Had** Sleep Disorder In Previous Wave (Z280=1)
R **Had** Diabetes In Previous Wave (Z281=1)

R Was Year Diagnosed with Diabetes (Z204=Actual Value)

R **Has** Ever Smoked (Z205=1)
R **Has Not** Ever Smoked (Z205=5)

R Started Smoking Year Need to Collect (Z231=1)
R Started Smoking Year No Need to Collect/Collected Previously (Z231=5)

R Stopped Smoking Year Need to Collect (Z232=1)
R Stopped Smoking Year No Need to Collect/Collected Previously (Z232=5)

R Reported Lost All Teeth in Prior IW (Z278=1)

~~R Has Been Asked About Weakened Immune System In Previous Wave, And
Has Weakened Immune System (Z288=2)~~ #@ JR (1/19/22)
revised preload;
#49486

~~R Has Been Asked About Weakened Immune System In Previous Wave, But
Does Not Haved Weakened Immune System (Z288=1)~~

~~R Has Not Been Asked about Weakened Immune System in Previous Wave
(Z288=5)~~

R Has Weakened Immune System (Z288=1)

R Does Not Haved Weakened Immune System (Z288=5)

R Has Been Asked About Shingles In Previous Wave, But Has Not Had Vaccine
(Z242=1)

R Has Been Asked About Shingles In Previous Wave, And Has Had Vaccine
(Z242=2)

R Has Not Been Asked about Shingles in Porevious Wave (Z242=5)

R **Was** A Current or Ever Drinker in A Previous Wave (Z254=1)
R **Was Not** A Current or Ever Drinker In A Previous Wave (Z254=5)
R Information on Current or Ever Drinker **Was Not Obtained** in A Previous Wave (Z254=7)

R **Did** Report Heart Disease in Baseline Wave, **Prior to 2010** (Z255=1)
R **Did** Report Heart Disease in Baseline Wave, **2010 or Later** (Z255=2)
R **Did Not** Report Heart Disease in Baseline Wave (Z255=5)

R **Has** Had Hysterectomy (Z256=1)
R **Has Not** Had Hysterectomy (Z256=5)

R **Has** Finished Menopause (Z257=1)
R **Has Not** Finished Menopause (Z257=5)

~~R Selected for Actigraphy Pilot (Z287=1)~~
~~R Selected for Actigraphy Control Group (Z287=2)~~

#@ JR (7/8/21) drop
preload; #48679

MAJOR FLOW CONTROL: OTHER SECTION VARIABLES

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)

This Is The **Same Person As In Prior Wave** (A010=1)
This Is A **Different/New Person** (A010=2)
Not Known (A010=3)

R'S **Age** (A019=Actual Value)

R **Lives** In A Nursing Home Or Other Health Care Facility (A028=1)
R **Does Not** Live In A Nursing Home Or Other Health Care Facility (A028=5)

R **Does Not Know** or **Not Ascertained** If Lives In A Nursing Home Or Other Health Care Facility (A028=8)
R **Refused To Answer** If Lives In A Nursing Home Or Other Health Care Facility (A028=9)

If Exit:
Death **Was** Expected (A131=1)
Death **Was Not** Expected (A131=2)
Other (A131=7)

If Exit:

Length Between Start Of Final Illness And Death Was **One Or Two Hours/ No Warning** (A134=1)

Length Between Start Of Final Illness And Death Was **Less Than A Day** (A134=2)

Length Between Start Of Final Illness And Death Was **Less Than A Week**
(A134=3)

Length Between Start of Final Illness and Death Was **Less Than A Month**
(A134=4)

Length Between Start of Final Illness and Death Was **Less Than A Year**
(A134=5)

Length Between Start of Final Illness and Death Was **More Than A Year**
(A134=6)

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_Offset2002Inverv2 = (A504_CurrWaveNdx – 6) MOD 2} = 0}; XX1=6,
XX2=2

C234_Offset1996Inverv2 = (A504_CurrWaveNdx – 3) MOD 2} = 0}; XX1=3,
XX2=2

C235_Offset2006Inverv3 = (A504_CurrWaveNdx – 8) MOD 3} = 0}; XX1=8,
XX2=3

C239_OFFSET2008INterv2 = (A504_CurrWaveNdx – 9) MOD 2} = 0}; XX1=9,
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}

**** IN 2020 2022 ALTERNATE WAVE VARIABLES C231 & C235, C234 AND C239 ARE NOT SET TO ASK QUESTIONS**** #@@ B&A only updating alt wave references

**** IN 2020 2022 ALTERNATE WAVE VARIABLE C234 AND C239 ARE C231 IS 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.

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

[CAWI prompt: "Your responses are important to us. Please try to answer each question. If you'd rather not answer, select "Suppress" then "NEXT" to continue."]

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

C002

Compared with your health when we last asked 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 BRANCHPOINT: IF R REPORTED IN LAST IW THAT HAD {HIGH BLOOD PRESSURE OR HYPERTENSION} (Z101=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1), ASSIGN 1 TO C005 AND GO TO C006

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

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

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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

1. YES

5. NO GO TO C010

4. NEVER HAD HIGH BLOOD PRESSURE (hidden)

6. HAD HIGH BLOOD PRESSURE BEFORE, BUT DO NOT HAVE IT NOW AND AM NOT TAKING MEDICATION FOR IT (hidden)

DK GO TO C010

RF GO TO C010

C006_

IF R REPORTED IN LAST IW THAT HAD {HIGH BLOOD PRESSURE OR HYPERTENSION} (Z101=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had high blood pressure or hypertension.

ALL:

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

1. YES
 5. NO
-
4. NEVER HAD HIGH BLOOD PRESSURE (only displayed if Z101=1 and C185 NOT 1)
 6. HAD HIGH BLOOD PRESSURE BEFORE, BUT DO NOT HAVE IT NOW AND AM NOT TAKING MEDICATION FOR IT
- DK
RF

C005 Back Assignment:

IF R REPORTED IN LAST IW THAT HAD {HIGH BLOOD PRESSURE OR HYPERTENSION} (Z101=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

IF C006=4, ASSIGN 4 TO C005 AND CONTINUE ON TO C010 BRANCHPOINT
IF C006=6, ASSIGN 6 TO C005 AND CONTINUE ON TO C010 BRANCHPOINT

C010 BRANCHPOINT: IF R REPORTED IN LAST IW THAT HAD {DIABETES OR HIGH BLOOD SUGAR} (Z281=1 or Z102=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1), ASSIGN 1 TO C010 AND GO TO C285 BRANCHPOINT

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

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

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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

1. YES

5. NO GO TO C018 BRANCHPOINT

4. NEVER HAD DIABETES OR HIGH BLOOD SUGAR (hidden)..... GO TO C018 BRANCHPOINT

6. HAD DIABETES OR HIGH BLOOD SUGAR BEFORE, BUT DO NOT HAVE IT NOW AND AM NOT TAKING MEDICATION FOR IT (hidden)..... GO TO C018 BRANCHPOINT

DK GO TO C018 BRANCHPOINT

RF GO TO C018 BRANCHPOINT

[CAWI prompt: "Your responses are important to us. Please try to answer each question. If you'd rather not answer, select "Suppress" then "NEXT" to continue."]

C285 BRANCHPOINT: IF R REPORTED DIABETES LAST WAVE (Z281= 1) and THIS IS THE SAME REPORTER (C185 NOT 1), ASSIGN 1 TO C285 and GO TO C011

C285

IF R REPORTED IN LAST IW THAT HAD DIABETES (Z102=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had diabetes or high blood sugar.

ALL:

Just to clarify, did the doctor say that you have diabetes or pre-diabetes, or some other blood-sugar-related problem?

DEFINITION: By "Pre-diabetes" we mean 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. NEVER HAD DIABETES OR HIGH BLOOD SUGAR (only displayed if Z102=1 and C185 NOT 1)
6. HAD DIABETES OR HIGH BLOOD SUGAR BEFORE, BUT DO NOT HAVE IT NOW AND AM NOT TAKING MEDICATION FOR IT (only displayed if Z102=1 and C185 NOT 1)
97. OTHER (SPECIFY) C286 _____

DK

RF

C010 Back Assignment:

IF C285=7, ASSIGN 4 TO C010 AND GO TO C018 BRANCHPOINT

IF C285=6, ASSIGN 6 TO C010 AND GO TO C018 BRANCHPOINT

C011_

IF R REPORTED IN LAST IW THAT HAD DIABETES (Z281= 1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had diabetes.

ALL:

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

1. YES
5. NO

4. NEVER HAD [DIABETES/DIABETES OR HIGH BLOOD SUGAR] (only displayed if Z281=1 and C185 NOT 1)

6. HAD [DIABETES/DIABETES OR HIGH BLOOD SUGAR] BEFORE, BUT DO NOT HAVE IT NOW AND AM NOT TAKING MEDICATION FOR IT (only displayed if Z281=1 and C185 NOT 1)

DK

RF

C010 Back Assignment:

IF C011=4, ASSIGN 4 TO C010 AND GO TO C018 BRANCHPOINT

IF C011=6, ASSIGN 6 TO C010 AND GO TO C018 BRANCHPOINT

C012 BRANCHPOINT: IF R NOT DIAGNOSED WITH DIABETES (C285 NOT 1) and NOT TAKING DIABETES MEDICATION THEY SWALLOW (C011 NOT 1), GO TO C214 BRANCHPOINT

C012_

#@ JR (5/11/21) from
cuts, drop unnecessary
jump; #48532

Are you now using insulin shots or a pump?

1. YES ~~GO TO C214 BRANCHPOINT~~

5. NO

DK

RF

~~C236_~~

#@ JR (5/11/21) from
cuts, drop; #48532

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

~~1. YES~~

~~5. NO~~

~~DK~~

~~RF~~

C214 BRANCHPOINT: IF R NOT DIAGNOSED WITH DIABETES (C285 NOT 1) GO
TO C018 BRANCHPOINT

C214

In what year was your diabetes first diagnosed?

YEAR _____

DK

RF

C018 BRANCHPOINT: IF R REPORTED IN LAST IW THAT HAD CANCER (Z103=1)
and {THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) or AN EXIT
IW}, ASSIGN 1 TO C018 AND GO TO C019

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

(Since we last asked 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: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

Since we last asked 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?

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

Since we last asked R's FIRST NAME (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: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general 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

5. NO GO TO C030 BRANCHPOINT

4. NEVER HAD CANCER (hidden)

DK GO TO C030 BRANCHPOINT

RF GO TO C030 BRANCHPOINT

1. YES

5. NO GO TO C030 BRANCHPOINT

4. NEVER HAD CANCER (hidden)GO TO C030

DKGO TO C030

RFGO 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

C019_

IF R REPORTED IN LAST IW THAT HAD CANCER (Z103=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had cancer.

ALL:

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

DEFINITION: Include appointments with nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

IF R REPORTED IN LAST IW THAT HAD CANCER (Z103=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had cancer.

ALL:

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

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.

ALL:

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

DEFINITION: Include appointments with nurses, nurse practitioners, physicians' assistants and internists. 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

4. NEVER HAD CANCER (only displayed if Z103=1 and C185 NOT 1)

DK

RF

1. YES
5. NO

4. NEVER HAD CANCER (only displayed if Z103=1 and C185 NOT 1)

DK

RF

C018 Back Assignment:

IF R REPORTED IN LAST IW THAT HAD CANCER (Z103=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

IF C019=4, ASSIGN 4 TO C018 AND GO TO C030 BRANCHPOINT

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~~
C024 BRANCHPOINT #@ JR (5/11/21) revise jump destination from cuts; #48532

~~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 2018 AND WILL BE ASKED AGAIN IN 2022.~~

#@ JR (5/11/21) revise note from cuts; #48532

~~NOTE: QUESTION C020 IS ALWAYS ASKED OF NEW INTERVIEW Rs AND EXIT Rs. IT IS ASKED OF CORE REINTERVIEW Rs ONLY IN ALTERNATE WAVES. IT WAS LAST ASKED OF CORE REINTERVIEW Rs IN 2018 AND WILL BE ASKED AGAIN IN 2022.~~

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 C024 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 BRANCHPOINT

#@ JR (5/11/21) revise
BP name from cuts;
#48532

~~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

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 THIS IS A NEW INTERVIEW R, GO TO C026

C021
M

#@ JR (5/11/21) from cuts, drop C021-C023; #48532

~~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: SELECT 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: SELECT 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 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
1. BETTER
2. ABOUT THE SAME
3. WORSE
7. 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: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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?

- 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 BRANCHPOINT

C028_

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

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

YEAR _[YYYY]__

DK GO TO C030 BRANCHPOINT
RF GO TO C030 BRANCHPOINT

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

C029_

In what month was that?

MONTH [Drop down]

C030 BRANCHPOINT: IF R REPORTED IN LAST IW THAT HAD LUNG DISEASE (Z104=1) and THIS IS AN EXIT INTERVIEW, ASSIGN 1 TO C030 AND GO TO C033

#@ JR (5/11/21) revise
jump destination from
cuts; #48532

IF R REPORTED IN LAST IW THAT HAD LUNG DISEASE (Z104=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) and THIS IS NOT AN EXIT INTERVIEW, ASSIGN 1 TO C030 AND GO TO **C031 BRANCHPOINT C033**

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 and R DID NOT REPORT IN LAST IW THAT HAD LUNG DISEASE (Z104 NOT 1):

(Since we last asked 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: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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 and R DID NOT REPORT IN LAST IW THAT HAD LUNG DISEASE (Z104 NOT 1):

Since we last asked 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.]

IF REINTERVIEW R AND R DID NOT REPORT IN LAST IW THAT HAD LUNG DISEASE
(Z104 NOT 1):

(Since we last asked R's FIRST NAME (in R's LAST IW MONTH, YEAR),) had a doctor told [him/her] that [he/she] had chronic lung disease, such as chronic bronchitis or emphysema?

[INSTR: DO NOT INCLUDE ASTHMA]

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. 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

5. NO GO TO C036 BRANCHPOINT

4. NEVER HAD LUNG CONDITION (hidden)

6. HAD LUNG CONDITION BEFORE, BUT DO NOT HAVE IT NOW (hidden)

DK GO TO C036 BRANCHPOINT

RF GO TO C036 BRANCHPOINT

1. YES

5. NO GO TO C036 BRANCHPOINT

4. NEVER HAD LUNG CONDITION (hidden).....GO TO C036

6. HAD LUNG CONDITION BEFORE, BUT DID NOT HAVE IT AT TIME OF
DEATH(hidden)

DKGO TO C036

RFGO 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
THIS IS A NEW INTERVIEW R, GO TO C032~~

#@ JR (5/11/21) from
cuts, drop C031-C032;
#48532

C031

~~IF R REPORTED IN LAST IW THAT HAD LUNG DISEASE (Z104=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) and THIS IS NOT AN EXIT INTERVIEW:~~

~~When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had a chronic lung disease such as chronic bronchitis or emphysema.~~

~~ALL:~~

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

~~1. BETTER~~

~~2. ABOUT THE SAME~~

~~3. WORSE~~

~~4. NEVER HAD LUNG CONDITION (only displayed if Z104=1 and C185 NOT 1)~~

~~6. HAD LUNG CONDITION BEFORE, BUT DO NOT HAVE IT NOW~~

~~DK~~

~~RF~~

C030 Back Assignment:-

~~IF R REPORTED IN LAST IW THAT HAD LUNG CONDITION (Z104=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) and THIS IS NOT AN EXIT INTERVIEW:~~

~~IF C031=4, ASSIGN 4 TO C030 AND GO TO C036 BRANCHPOINT~~

~~IF C031=6, ASSIGN 6 TO C030 AND GO TO C036 BRANCHPOINT~~

C032_

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

~~1. YES~~

~~5. NO~~

~~DK~~

~~RF~~

C033_

~~IF R REPORTED IN LAST IW THAT HAD LUNG DISEASE (Z104=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) and THIS IS NOT AN EXIT INTERVIEW:~~

#@ JR (5/11/21) from cuts, C033 will absorb C031 intro; #48532

~~When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had a chronic lung disease such as chronic bronchitis or emphysema.~~

~~ALL:~~

~~Are you receiving oxygen for your lung condition?~~

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.

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

- 1. YES
- 5. NO

4. NEVER HAD LUNG CONDITION (only displayed if Z104=1 and C185 NOT 1)

6. HAD LUNG CONDITION BEFORE, BUT DO NOT HAVE IT NOW

DK

RF

- 1. YES
- 5. NO

4. NEVER HAD LUNG CONDITION (only displayed if Z104=1)

6. HAD LUNG CONDITION BEFORE, BUT DID NOT HAVE IT AT TIME OF DEATH
(only displayed if Z104=1)

DK

RF

C030 Back Assignment:

IF R REPORTED IN LAST IW THAT HAD LUNG DISEASE (Z104=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) or THIS IS AN EXIT INTERVIEW:

IF C031 C033=4, ASSIGN 4 TO C030 AND GO TO C036 BRANCHPOINT

IF C031 C033=6, ASSIGN 6 TO C030 AND GO TO C036 BRANCHPOINT

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

#@ JR (5/11/21) from cuts, drop; #48532

C034_

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

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

C036 BRANCHPOINT: IF R REPORTED IN LAST IW THAT HAD HEART PROBLEM (Z105=1) and THIS {IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) or AN EXIT IW}, ASSIGN 1 TO C036 AND GO TO C037

C036

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

#@ JR (5/12/21) revise
qtext; #48535

Has a doctor ever told you that you have had a heart attack, coronary heart disease, angina, **congestive** heart failure, **atrial fibrillation**, or other heart problems?

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD HEART PROBLEM (Z105 NOT 1):

(Since we last asked 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, **atrial fibrillation**, or other heart problems?

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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, **atrial fibrillation**, or other heart problems?

IF REINTERVIEW R and R DID NOT REPORT IN LAST IW THAT HAD HEART PROBLEM (Z105 NOT 1):

Since we last asked 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, **atrial fibrillation**, or other heart problems?

IF REINTERVIEW R AND R DID NOT REPORT IN LAST IW THAT HAD HEART PROBLEM (Z105 NOT 1):

(Since we last asked R's FIRST NAME (in [R's LAST IW MONTH, YEAR/the last two years before [his/her] death])) had a doctor told [him/her] that [he/she] had) had a heart attack, coronary heart disease, angina, ~~congestive~~ heart failure, atrial fibrillation, or other heart problems?

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. 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

5. NO GO TO C053 BRANCHPOINT

4. NEVER HAD HEART PROBLEM (hidden)

6. HAD HEART PROBLEM BEFORE, BUT DO NOT HAVE IT NOW AND AM NOT TAKING MEDICATION FOR IT (hidden)

DK GO TO C053 BRANCHPOINT

RF GO TO C053 BRANCHPOINT

[CAWI prompt: "Your responses are important to us. Please try to answer each question. If you'd rather not answer, select "Suppress" then "NEXT" to continue."]

1. YES

5. NO GO TO C053 BRANCHPOINT

4. NEVER HAD HEART PROBLEM (hidden).....GO TO C053

6. HAD HEART PROBLEM BEFORE, BUT DID NOT HAVE IT AT TIME OF DEATH (hidden)

DKGO TO C053

RFGO TO C053

C037_

IF R REPORTED IN LAST IW THAT HAD HEART PROBLEM (Z105=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had a heart problem.

ALL:

Are you now taking or carrying medication for your heart problem?

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.

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

- 1. YES
- 5. NO

4. NEVER HAD HEART PROBLEM (only displayed if Z105=1 and C185 NOT 1)

6. HAD HEART PROBLEM BEFORE, BUT DO NOT HAVE IT NOW AND AM NOT TAKING MEDICATION FOR IT (only displayed if Z105=1 and C185 NOT 1)

DK

RF

- 1. YES
- 5. NO

4. NEVER HAD HEART PROBLEM (only displayed if Z105=1 and C185 NOT 1)

6. HAD HEART PROBLEM BEFORE, BUT DID NOT HAVE IT AT TIME OF DEATH (only displayed if Z105=1 and C185 NOT 1)

DK

RF

C036 Back Assignment:

IF R REPORTED IN LAST IW THAT HAD HEART PROBLEM (Z105=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

IF C037=4, ASSIGN 4 TO C036 AND GO TO C053 BRANCHPOINT

IF C037=6, ASSIGN 6 TO C036 AND GO TO C053 BRANCHPOINT

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

C038_

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

DEFINITION: Include appointments with nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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

DEFINITION: Include appointments with nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

1. YES

5. NO

DK

RF

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

#@ JR (5/11/21) from cuts, drop; #48532

~~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 THIS IS A NEW INTERVIEW R, GO TO C257 BRANCHPOINT~~

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~~

C257_

Has a doctor ever told you that you have had a heart attack ~~or myocardial infarction?~~

#@ JR (5/12/21) revise qtext; #48536

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general 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 _[YYYY]__

- DK GO TO C274 BRANCHPOINT
- RF GO TO C274 BRANCHPOINT

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

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

C274_

Have you had any other heart attacks since then?

- 1. YES
- 5. NO GO TO C040 BRANCHPOINT
- DK GO TO C040 BRANCHPOINT
- RF GO TO C040 BRANCHPOINT

C275_

How many more heart attacks have you had?

[INSTR: ENTER "0" FOR NONE.]

NUMBER _____

- 0. NONE GO TO C040 BRANCHPOINT
- DK GO TO C040 BRANCHPOINT
- RF GO TO C040 BRANCHPOINT

C276_

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

YEAR_[YYYY]____

- DK GO TO C040 BRANCHPOINT
- RF GO TO C040 BRANCHPOINT

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

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?

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

[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?

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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?

1. YES
5. NO
- DK
- RF

C042_

#@ JR (5/11/21) from
cuts, drop; #48532

~~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 _[YYYY]__

- DK GO TO C260 BRANCHPOINT
RF GO TO C260 BRANCHPOINT

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

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 **or chest pains due to your heart?**

#@ JR (5/12/21) revise
qtext; #48537

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

Has a doctor ever told you that you have angina **or chest pains due to your heart?**

Did a doctor ever tell [him/her] that [she/he] had angina **or chest pains due to [his/her] heart?**

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general 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 _[YYYY]____

DK GO TO C045 BRANCHPOINT

RF GO TO C045 BRANCHPOINT

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

#@ JR (5/11/21) from
cuts,revise jump
destination; #48532

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 C263
BRANCHPOINT**

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 C263 BRANCHPOINT**

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?

#@ JR (5/11/21) from
cuts, drop unnecessary
jump; #48532

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?

#@ JR (5/11/21) from
cuts, drop; #48532

- 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?

#@ JR (5/12/21) revise
qtext; #48538

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

1. YES

5. NO GO TO C266 BRANCHPOINT

DK GO TO C266 BRANCHPOINT

RF GO TO C266 BRANCHPOINT

C264_

In what year was your **congestive** heart failure first diagnosed?

#@ JR (5/12/21) revise
qtext; #48538

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

YEAR _[YYYY]__

DK GO TO C048 BRANCHPOINT

RF GO TO C048 BRANCHPOINT

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

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):

#@ JR (5/12/21) revise
qtext; #48538

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

IF REINTERVIEW R:

(Since we last asked 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: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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 asked 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?

(Since we last asked [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: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

1. YES

5. NO, C266 BRANCHPOINT

DK, C266 BRANCHPOINT

RF, C266 BRANCHPOINT

C049 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C266
BRANCHPOINT

C049_

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

#@ JR (5/12/21) revise
qtext; #48538

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

C050_

#@ JR (5/11/21) from
cuts, drop; #48532

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 **or atrial fibrillation?**

#@ JR (5/12/21) revise
qtext; #48539

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

Has a doctor ever told you that you have an abnormal heart rhythm **or atrial fibrillation?**

Did a doctor ever tell [him/her] that [she/he] had an abnormal heart rhythm **or atrial fibrillation?**

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

C267_

#@ JR (5/12/21) revise
qtext; #48539

In what year was your abnormal heart rhythm **or atrial fibrillation first diagnosed?**

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

YEAR _[YYYY]_

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 C270** BRANCHPOINT

#@ JR (5/11/21) from cuts, revise jump destination; #48532

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 C270** 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 C270** BRANCHPOINT

C269_

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

#@ JR (5/12/21) revise qtext; #48539

In the last two years, has a doctor told you that you have an abnormal heart rhythm **or atrial fibrillation**, that is, your heart doesn't always beat regularly?

IF REINTERVIEW R:

(Since we last asked 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 **or atrial fibrillation**, that is, your heart doesn't always beat regularly?

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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 **or** atrial fibrillation, that is, your heart doesn't always beat regularly?

IF REINTERVIEW R:

Since we last asked 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 **or** atrial fibrillation, that is, your heart doesn't always beat regularly?

(Since we last asked [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 **or** atrial fibrillation, that is, [his/her] heart didn't always beat regularly?)

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general 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~~

#@ JR (5/11/21) from cuts, drop; #48532

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 BRANCHPOINT #@@ B&A only JR (5/12/21) revise reference; #48538

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 BRANCHPOINT: IF THIS IS AN EXIT and R REPORTED IN LAST IW THAT HAD STROKE (Z106=1), ASSIGN 1 TO C053 AND GO TO C062

IF R REPORTED IN LAST IW THAT HAD STROKE (Z106=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1), ASSIGN 1 TO C053 AND GO TO C054

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

(Since we last asked you (in R's LAST IW MONTH, YEAR) has a doctor told you that you have had a stroke?

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

Since we last asked you (in R's LAST IW MONTH, YEAR) has a doctor told you that you have had a stroke?

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) had a doctor told R's FIRST NAME that [he/she] had) a stroke?

DEFINITION: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general 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
5. NO GO TO C065 BRANCHPOINT

4. NEVER HAD A STROKE (hidden)
DK GO TO C065 BRANCHPOINT
RF GO TO C065 BRANCHPOINT
1. YES
2. POSSIBLE STROKE OR TIA
5. NO GO TO C065 BRANCHPOINT

4. NEVER HAD A STROKE (hidden)
DK GO TO C065 BRANCHPOINT
RF GO TO C065 BRANCHPOINT
1. YES
2. [VOL] POSSIBLE STROKE OR TIA
5. NO GO TO C065 BRANCHPOINT

4. NEVER HAD A STROKE (hidden).....GO TO C065 BRANCHPOINT
DKGO TO C065 BRANCHPOINT
RFGO TO C065 BRANCHPOINT

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

C054_

IF R REPORTED IN LAST IW THAT HAD STROKE (Z106=1) and THIS IS THE SAME
REPORTER AS PREVIOUS WAVE (C185 NOT 1):
When we last asked you in R's LAST IW MONTH, YEAR, you said that you have
had a stroke.

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

DEFINITIONS: Include appointments with nurses, nurse practitioners,
physicians' assistants and internists. Medical doctors include specialists such as
cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as
well as family doctors and general practitioners.

IF R REPORTED IN LAST IW THAT HAD STROKE (Z106=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had a stroke.

ALL:

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

- 1. YES
- 5. NO

4. NEVER HAD A STROKE (only displayed if Z106=1 and C185 NOT 1)

DK

RF

C053 Back Assignment:

IF R REPORTED IN LAST IW THAT HAD STROKE (Z106=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

IF C054=4, ASSIGN 4 TO C053 AND GO TO C065 BRANCHPOINT

C055_

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

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

C060 C061 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 BRANCHPOINT

#@ JR (5/11/21) from cuts, revise reference; #48532

C060

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

#@ JR (5/11/21) from cuts, drop; #48532

- ~~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), GO TO C064 BRANCHPOINT

C062_

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

DEFINITIONS: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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

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

DEFINITIONS: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

DK GO TO C065 BRANCHPOINT

RF GO TO C065 BRANCHPOINT

- 1. YES

5. NO GO TO C065 BRANCHPOINT

4. NEVER HAD A STROKE (only displayed if Z106=1)ASSIGN 4 BACK TO
C053 AND GO TO C065 BRANCHPOINT

DK GO TO C065 BRANCHPOINT

RF GO TO C065 BRANCHPOINT

C053 Back Assignment for Exit:

IF R REPORTED IN LAST IW THAT HAD STROKE (Z106=1):

IF C062=4, ASSIGN 4 TO C053 AND 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 _[YYYY]____

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

IF R REPORTED IN LAST IW THAT HAD PSYCHIATRIC PROBLEMS (Z107=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1), ASSIGN 1 TO C065 AND GO TO C184

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

(Since we last asked you (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?

DEFINITIONS: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

Since we last asked you (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?

1. YES

5. NO GO TO C271 BRANCHPOINT

4. NEVER HAD EMOTIONAL, NERVOUS OR PSYCHIATRIC PROBLEMS (hidden)

6. HAD EMOTIONAL, NERVOUS OR PSYCHIATRIC PROBLEMS BEFORE, BUT DO NOT HAVE THEM NOW (hidden)

DK GO TO C271 BRANCHPOINT

RF GO TO C271 BRANCHPOINT

C184

IF R REPORTED IN LAST IW THAT HAD PSYCHIATRIC PROBLEMS (Z107=1) and
THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):
When we last asked you (in R's LAST IW MONTH, YEAR), you said that you have
had some emotional, nervous, or psychiatric problems.

ALL:

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

- 1. YES
- 5. NO

4. NEVER HAD EMOTIONAL, NERVOUS OR PSYCHIATRIC PROBLEMS (shown if Z107=1 and C185 NOT 1)

6. HAD EMOTIONAL, NERVOUS OR PSYCHIATRIC PROBLEMS BEFORE, BUT DO NOT HAVE THEM NOW (shown if Z107=1 and C185 NOT 1)

DK

RF

C065 Back Assignment:

IF R REPORTED IN LAST IW THAT HAD PSYCHIATRIC PROBLEMS (Z107=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) (Z101=1):

IF C184=4, ASSIGN 4 TO C065 AND CONTINUE ON TO C271 BRANCHPOINT
IF C184=6, ASSIGN 6 TO C065 AND CONTINUE ON TO C271 BRANCHPOINT

C271 BRANCHPOINT: IF R REPORTED IN LAST IW THAT HAD DEPRESSION (Z260=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1), ASSIGN 1 TO C271 AND GO TO C300

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

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

DEF: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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

1. YES
5. NO..... GO TO C067 ASSIGNMENT
4. NEVER HAD DEPRESSION (hidden)
6. HAD DEPRESSION BEFORE, BUT DO NOT HAVE IT NOW (hidden)
- DK..... GO TO C067 ASSIGNMENT
- RF..... GO TO C067 ASSIGNMENT

C300

IF R REPORTED IN LAST IW THAT HAD DEPRESSION (Z260=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

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

ALL:

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

- 1. YES
- 5. NO

- 4. NEVER HAD DEPRESSION, ASSIGN 4 TO C271, THEN CONTINUE (only displayed if Z260=1 and C185 NOT 1)
- 6. HAD DEPRESSION BEFORE, BUT DO NOT HAVE IT NOW, ASSIGN 6 TO C271, THEN CONTINUE (only displayed if Z260=1 and C185 NOT 1)
- DK
- RF

C271 Back Assignment:

IF R REPORTED IN LAST IW THAT HAD PSYCHIATRIC PROBLEMS (Z107=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1) (Z101=1):

IF C300=4, ASSIGN 4 TO C271 AND CONTINUE ON TO C067 ASSIGNMENT

IF C300=6, ASSIGN 6 TO C271 AND CONTINUE ON TO C067 ASSIGNMENT

C067 Assignment:

If C184=1 or C300=1 then C067=1
 Else, if C184=5 or C300=8 then C067=5
 Else, if C184=8 or C300=8 then C067=8
 Else, if C184=9 or C300=9 then C067=9
 Else, if C067=empty then C067=missing

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

BRANCHPOINT

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)

IF R REPORTED IN LAST IW THAT HAD ALZHEIMER'S DISEASE (Z261=1) and THIS
IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1), ASSIGN 1 TO C272
THEN GO TO C298

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 and R DID NOT REPORT IN LAST IW THAT HAD ALZHEIMERS
DISEASE (Z261 {NOT 1 and NOT EMPTY}):

(Since we last asked you (in R's LAST IW MONTH, YEAR),) Has a doctor told you
that you have Alzheimer's Disease?

DEFINITIONS: Include diagnoses made by nurses, nurse practitioners,
physicians' assistants and internists. Medical doctors include specialists such as
cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as
well as family doctors and general practitioners.

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 and R DID NOT REPORT IN LAST IW THAT HAD ALZHEIMERS DISEASE (Z261 {NOT 1 and NOT EMPTY}):

Since we last asked you (in R's LAST IW MONTH, YEAR), has a doctor told you that you have Alzheimer's Disease?

1. YES
5. NO GO TO C273 BRANCHPOINT

4. NEVER HAD ALZHEIMER'S DISEASE (hidden)
8. DK GO TO C273 BRANCHPOINT
9. RF GO TO C273 BRANCHPOINT

C298

IF R REPORTED IN LAST IW THAT HAD ALZHEIMER'S DISEASE (Z261=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you (in R's LAST IW MONTH, YEAR), you said that a doctor had told you that you had Alzheimer's Disease.

ALL:

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

1. YES, ASSIGN 1 TO C210, THEN GO TO C070
5. NO, ASSIGN 5 TO C210, THEN GO TO C070

4. NEVER HAD ALZHEIMER'S DISEASE, ASSIGN 4 TO C272, THEN GO TO C273
BRANCHPOINT (show if Z261=1 and C185 NOT 1)

DK, ASSIGN 8 TO C210, THEN GO TO C070

RF, ASSIGN 9 TO C210, THEN GO TO C070

C273 BRANCHPOINT: IF R REPORTED HAVING {DEMENTIA, SENILITY OR
MEMORY IMPAIRMENT} (Z262=1) and THIS IS THE SAME REPORTER AS
PREVIOUS WAVE (C185 NOT 1), ASSIGN 1 TO C273 THEN GO TO C210

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

DEFINITIONS: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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 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 asked you (in R's LAST IW MONTH, YEAR), has a doctor told you that you have dementia, senility or any other serious memory impairment?

1. YES

5. NO

4. NEVER HAD DEMENTIA, SENILITY OR MEMORY IMPAIRMENT (hidden)

DK

RF

C069 BRANCHPOINT: IF THIS IS NOT AN EXIT INTERVIEW R and R REPORTED HAVING OTHER DEMENTIA (C273=1)}, GO TO C210

IF THIS IS NOT AN EXIT INTERVIEW R and R DID NOT REPORT HAVING OTHER DEMENTIA (C273 NOT 1)}, GO TO C070 BRANCHPOINT

C069_

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 asked [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?

DEFINITIONS: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

1. YES

5. NO 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 C433_____

DK

RF

C210_

IF R REPORTED HAVING {DEMENTIA, SENILITY OR MEMORY IMPAIRMENT} (Z262=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1): When we last asked you (in R's LAST IW MONTH, YEAR), you said that a doctor had told you that you had dementia, senility or memory impairment.

ALL:

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

4. NEVER HAD DEMENTIA, SENILITY OR MEMORY IMPAIRMENT (only displayed if Z262=1 and C185 NOT 1)), ASSIGN 4 TO C273, THEN CONTINUE
DK
RF

- 1. YES
- 5. NO

DK
RF

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

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-C220~~
~~BRANCHPOINT C327~~

#@ JR (12/14/21)
revised exit jump
destination; #49409

IF R REPORTED IN LAST IW THAT HAD ARTHRITIS (Z108=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1), ASSIGN 1 TO C070 AND GO TO C071

C070_

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

#@ DM4 RR (5/27/22)
revised skips: #49746

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

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

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

DEFINITIONS: Include diagnoses made by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

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

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

1. YES

5. NO GO TO ~~C220 BRANCHPOINT~~ C326

4. NEVER HAD ARTHRITIS (hidden)

6. HAD ARTHRITIS BEFORE, BUT DO NOT HAVE IT NOW (hidden)

DK GO TO ~~C220 BRANCHPOINT~~ C326

RF GO TO ~~C220 BRANCHPOINT~~ C326

C071 BRANCHPOINT: IF R DID NOT REPORT IN LAST IW THAT HAD {ARTHRITIS OR RHEUMATISM} (Z108 NOT 1) or THIS IS A NEW INTERVIEW R or THIS IS A DIFFERENT REPORTER FROM LAST IW (C185=1), GO TO ~~C076 C220 BRANCHPOINT~~

C071_

IF R REPORTED IN LAST IW THAT HAD ARTHRITIS (Z108=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

When we last asked you in R's LAST IW MONTH, YEAR, you said that you have had arthritis.

ALL:

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

4. NEVER HAD ARTHRITIS (only displayed if Z108=1 and C185 NOT 1)
6. HAD ARTHRITIS BEFORE, BUT DO NOT HAVE IT NOW

DK

RF

C070 Back Assignment:

IF R REPORTED IN LAST IW THAT HAD ARTHRITIS (Z108=1) and THIS IS THE SAME REPORTER AS PREVIOUS WAVE (C185 NOT 1):

#@ RR (6/7/22)
revised skips; #49781

IF C071=4, ASSIGN 4 TO C070 AND GO TO [C220 BRANCHPOINT C326](#)

IF C071=6, ASSIGN 6 TO C070 AND GO TO [C220 BRANCHPOINT C326](#)

[C219 C220 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 [C297 C326](#)

#@ JR (7/1/21) moved
C220 and C222 after
C071; #48650

NOTE: QUESTIONS [C219](#) [C220](#) 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 [2016](#) 2020 AND WILL BE ASKED AGAIN IN [2020](#) 2024.

C220_

[\(Do you have\) rheumatoid arthritis?](#)

#@ JR (7/1/21) made
CAPI the same as
CAWI; #48651

[DEF: "Rheumatoid arthritis" also includes autoimmune arthritis](#)

Do you have rheumatoid arthritis?

DEF: "Rheumatoid arthritis" also includes autoimmune arthritis.

1. YES
5. NO

DK
RF

C222_

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

#@ JR (7/1/21) made
CAPI the same as
CAWI; #48653

Do you have arthritis related to a previous injury?

1. YES
5. NO
DK
RF

C076_

#@ JR (5/11/21) from
cuts, drop; #48630

~~[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
DK GO TO C219 BRANCHPOINT
RF GO TO C219 BRANCHPOINT~~

C326

IF NEW R (Z076 NOT 1):

Have you ever had surgery on your joints or had any joint replaced?

ELSE:

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

1. YES
5. NO GO TO C297 BRANCHPOINT
DK GO TO C297 BRANCHPOINT
RF GO TO C297 BRANCHPOINT

C218_

#@ JR (5/11/21) from
cuts, drop; #48630

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

~~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

C077

M

Which joint was replaced or 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 C297~~

#@ JR (5/11/21) from cuts, drop C219;
#48532

~~NOTE: QUESTIONS C219 C220 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 2016 2020 AND WILL BE ASKED AGAIN IN 2020-2024.~~

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?

~~DEF: "Osteoarthritis" also includes degenerative or 'wear and tear' arthritis-~~

Which type or types of arthritis do you have?

Do you have osteoarthritis?

~~DEF: "Osteoarthritis" also includes degenerative or 'wear and tear' arthritis.~~

1. YES
5. NO
DK
RF

C220_

#@ JR (7/1/21) moved
C220 and C222 after
C071; #48650

(Do you have) rheumatoid arthritis?

~~DEF: "Rheumatoid arthritis" also includes autoimmune arthritis~~
~~Do you have rheumatoid arthritis?~~

~~DEF: "Rheumatoid arthritis" also includes autoimmune arthritis.~~

1. YES
5. NO
DK
RF

C222_

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

1. YES
5. NO
DK
RF

C297 BRANCHPOINT: IF R REPORTED IN A PRIOR WAVE THAT HAS WEAKENED IMMUNE SYSTEM (Z288=21), GO TO C240

#@ JR (1/19/22)
revised preload;
#49486

IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C231>0), GO TO C240

NOTE: QUESTION C297 IS ALWAYS ASKED OF NEW INTERVIEW Rs. IN ADDITION, REINTERVIEW Rs WHO DID NOT REPORT IN A PRIOR WAVE THAT THEY HAD A WEAKENED IMMUNE SYSTEM WILL BE ASKED THIS QUESTION IN ALTERNATE WAVES. IT WAS LAST ASKED OF REINTERVIEW Rs IN 2018 AND WILL BE ASKED AGAIN IN 2022.

C297_

Have you ever been told by a doctor or other health professional that your immune system is weakened?

- 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 C278 BRANCHPOINT**

#@ JR (12/8/21)
revised jump
destination; #49377

IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C231>0), GO TO **C283 C278 BRANCHPOINT**

NOTE: QUESTION C246 IS ALWAYS ASKED OF NEW INTERVIEW Rs. IN ADDITION, REINTERVIEW Rs WHO DID NOT REPORT IN A PRIOR WAVE THAT THEY HAD THE SHINGLES VACCINE ARE ASKED THIS QUESTION IN ALTERNATE WAVES, WITH THE EXCEPTION OF THE 2018 WAVE WHEN ALL Rs WERE ASKED, REGARDLESS OF WHETHER THEY HAD BEEN VACCINATED BEFORE OR NOT. IT WAS LAST ASKED OF REINTERVIEW Rs IN 2018 AND WILL BE ASKED AGAIN IN 2022.

C246_

#@ JR (6/24/21) revise
qtext; #48631

~~A vaccine for shingles has been available since 2006, and a second vaccine was more recently introduced.~~ Have you ever had a shingles vaccine?

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

C299

#@ JR (5/11/21) from
cuts, drop; #48532

~~What year did you get the shingles vaccine?~~

~~YEAR: _____~~

C278 BRANCHPOINT: IF REPORTED HAD PNEUMONIA VACCINATION IN A PRIOR IW (Z264=1), GO TO C109

#@ JR (12/8/21)
moved questions;
#49377

IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C234>0), GO TO C109

NOTE: QUESTION C278 IS ALWAYS ASKED OF NEW INTERVIEW Rs. IT IS ASKED OF REINTERVIEW Rs ONLY IN ALTERNATE WAVES. IT WAS LAST ASKED OF REINTERVIEW Rs IN 2020 AND WILL BE ASKED AGAIN IN 2024.

C278_

IF R WAS ASKED ABOUT PNEUMONIA VACCINATION IN PREVIOUS WAVE (Z264=5):

Since we last asked 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_

#@ JR (12/8/21)
moved from an alt wave series that was to be asked next in 2024, but we now want it asked every wave; #49377

[Since we asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:

A flu shot?

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

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

C327

#@ JR (12/8/21)
adding new Covid questions; #49384

Have you ever had a COVID-19 vaccine?

Did (he/she) receive a COVID-19 vaccine?

1. YES

5. NO

DK

RF

C328 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO C079
BRANCHPOINT

IF R DID NOT GET A COVID VACCINE (C327 NOT 1), GO TO C283

C328

What was the date of your most recent vaccine? If you have gotten a booster shot, please give us the month, day, and year of that shot.

MONTH _____

C329 DAY _____

C330 YEAR _____

C283_

IF REIW R (Z076=1):

Since we last asked 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

C110 BRANCHPOINT: IF THIS IS A REINTERVIEW R and R WAS TOLD
CHOLESTEROL WAS HIGH (C283=1), GO TO C280 BRANCHPOINT

#@ JR moved question
and added condition;
#49377

IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK
QUESTIONS (C234>0), GO TO C280 BRANCHPOINT

NOTE: QUESTION C110 IS ALWAYS ASKED OF NEW INTERVIEW Rs. IT IS ASKED OF REINTERVIEW Rs ONLY IN ALTERNATE WAVES. IT WAS LAST ASKED OF REINTERVIEW Rs IN 2020 AND WILL BE ASKED AGAIN IN 2024.

C110_

([Since we asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:)

A blood test for cholesterol?

- 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 asked 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:

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

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?

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.]

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

[INSTR: ENTER "31" FOR EVERY DAY.]

NUMBER OF DAYS _____ GO TO C095

- DK
- RF

C089_

Was that more than 5 days?

In the last month, have you lost any urine on more than 5 days?

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

C090_

More than 15 days?

In the last month, have you lost any urine on 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 lenses as needed?

- 1. EXCELLENT
- 2. VERY GOOD
- 3. GOOD
- 4. FAIR
- 5. POOR
- 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 lenses as needed?

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

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

- 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 lenses as needed?

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

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

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

#@ JR (5/11/21) from cuts, add new jump condition; #48532

IF R REPORTED IN LAST IW THAT HAD CATARACT SURGERY (Z112=1 or 2), GO TO C101 BRANCHPOINT

C098

IF THIS IS A NEW INTERVIEW R:

Have you ever had cataract surgery?

#@ JR (5/11/21) from cuts, drop now unnecessary jump; #48532

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

1. YES
 5. NO
- DK
RF

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?

#@ JR (5/11/21) from cuts, drop C284-C100; #48532

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

1. YES
5. NO GO TO C101 BRANCHPOINT
7. 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 C317~~

~~C101_~~

Has a doctor ever treated you for glaucoma?

DEFINITION: Include treatments received by nurses, nurse practitioners, physicians' assistants and internists. Medical doctors include specialists such as cardiologists, osteopaths, dermatologists, ophthalmologists, psychiatrists, as well as family doctors and general practitioners.

Has a doctor ever treated you for glaucoma?

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

~~C317~~

Has a doctor ever told you that you had macular degeneration?

#@ JR (10/26/21) add instruction; #49217

[INSTR: INCLUDE BOTH "WET" AND "DRY" TYPES OF MACULAR DEGENERATION.]

#@ JR (6/24/21) add new question; #48626

- 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

IF R REPORTED HAVING LOST ALL TEETH (Z278=1) ASSIGN 1 TO C237 AND 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 2018 AND WILL BE ASKED AGAIN IN 2024.

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?)
How often do you have trouble falling asleep?

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?)

How often do you have trouble because of waking up during the night?

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?)
How often do you have trouble with waking up too early and not being able to fall asleep again?

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?

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

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?]

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

[INSTR: IF YOU'RE NOT SURE, PLEASE TELL US HOW OFTEN YOU THINK IT HAPPENED.]

0. NEVERGO TO C291
 1. RARELY (1-2 NIGHTS PER WEEK)GO TO C291
 2. OCCASIONALLY (3-4 NIGHTS PER WEEK)
 3. FREQUENTLY (5 OR MORE NIGHTS PER 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?]

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

[INSTR: IF YOU'RE NOT SURE, PLEASE TELL US HOW OFTEN YOU THINK IT HAPPENED.]

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

C291

IF R HAS SLEEP DISORDER (Z280 =1):

Last time we asked, you told us you have had a sleep disorder. Do you still have that disorder?

IF R DOES NOT HAVE SLEEP DISORDER (Z280 =5):

Since we last talked to you [in R's LAST IW MONTH, YEAR], has a doctor or other health professional told you that you have a sleep disorder?

OTHERWISE:

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

- 1. YES
- 5. NOGO TO C296 BRANCHPOINT
- DKGO TO C296 BRANCHPOINT
- RFGO TO C296 BRANCHPOINT

C292

What was the sleep disorder?

[INSTR: SELECT ALL THAT APPLY.]

- 1. SLEEP APNEA
- 2. INSOMNIA
- 3. RESTLESS LEGS
- 4. NARCOLEPSY
- 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 sleeping or snoring problems?

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.]

What treatment(s) have you had?

[INSTR: SELECT 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
11. MEDICATIONS
7. ANY OTHER TREATMENTS (SPECIFY) C294 _____
8. DK
9. RF

~~C305-BRANCHPOINT: ASK IF R SELECTED FOR THE ACTIGRAPHY PILOT OR CONTROL GROUP (Z287=1 OR 2)~~

#@ JR (5/11/21) from cuts, drop C305-C316; #48532

~~OTHERWISE, GO TO C104~~

C305

~~What time do you usually go to bed and start trying to fall asleep on weekdays or work days?~~

~~[INSTR: ENTER HOUR AND MINUTE AND AM/PM.]~~

~~HOUR:_____~~

C306

MINUTE: _____

C307

- 1. AM
- 2. PM

C308

What time do you usually go to bed and start trying to fall asleep on weekends?

[INSTR: ENTER HOUR AND MINUTE AND AM/PM.]

HOUR: _____

C309

MINUTE: _____

C310

- 1. AM
- 2. PM

C311

What time do you usually wake up on weekdays or work days?

[INSTR: ENTER HOUR AND MINUTE AND AM/PM.]

HOUR: _____

C312

MINUTE: _____

C313

- 1. AM
- 2. PM

C314

What time do you usually wake up on weekends?

[INSTR: ENTER HOUR AND MINUTE AND AM/PM.]

HOUR: _____

C315

MINUTE: _____

C316

- 1. AM
- 2. PM

C104_

#@ JR B&A Only
(12/14/21) added
separate exit jumps;
#49410

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 GO TO C287

DK GO TO C287

RF GO TO C287

1. YES
5. NO GO TO C331

DK GO TO C331

RF GO TO C331

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 C331**

#@ JR (12/8/21) revise
jump destination;
#49388

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 for the treatment of pain?

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

- 1. YES
- 5. NO

DK
RF

C331

Were you ever diagnosed with a COVID-19 infection by a test or health care provider?

#@ JR (12/8/21) add new covid questions; #49388

Was (he/she) ever diagnosed with a COVID-19 infection by a test or a health care provider?

- 1. YES
- 5. NO.....GO TO C107 F251 BRANCHPOINT
- DK.....GO TO C107 F251 BRANCHPOINT
- RF.....GO TO C107 F251 BRANCHPOINT

C332

Did you ever have symptoms?

#@ JR (1/19/22) revise qtext and add instructions for each Dep and CAWI; #49484

INSTR: IF R HAD COVID-19 MORE THAN ONCE, TELL THEM TO REFER TO THEIR WORST EXPERIENCE.

DEF: PEOPLE WITH COVID-19 MAY EXPERIENCE FEVER OR CHILLS, A COUGH, SHORTNESS OF BREATH OR DIFFICULTY BREATHING, FATIGUE, BODY ACHEs, HEADACHE, NEW LOSS OF TASTE OR SMELL, SORE THROAT, CONGESTION OR RUNNY NOSE, NAUSEA/VOMITING, DIARRHEA. SYMPTOMS MAY APPEAR 2-14 DAYS AFTER EXPOSURE TO THE VIRUS. SYMPTOMS MAY HAVE BEEN MILD OR SEVERE.

Did you ever have symptoms?

INSTR: IF YOU HAD COVID-19 MORE THAN ONCE, REFER TO YOUR WORST EXPERIENCE.

DEF: PEOPLE WITH COVID-19 MAY EXPERIENCE FEVER OR CHILLS, A COUGH, SHORTNESS OF BREATH OR DIFFICULTY BREATHING, FATIGUE, BODY ACHES, HEADACHE, NEW LOSS OF TASTE OR SMELL, SORE THROAT, CONGESTION OR RUNNY NOSE, NAUSEA/VOMITING, DIARRHEA. SYMPTOMS MAY APPEAR 2-14 DAYS AFTER EXPOSURE TO THE VIRUS. SYMPTOMS MAY HAVE BEEN MILD OR SEVERE.

Did (he/she) ever experience any COVID-19 symptoms?

DEF: PEOPLE WITH COVID-19 MAY EXPERIENCE FEVER OR CHILLS, A COUGH, SHORTNESS OF BREATH OR DIFFICULTY BREATHING, FATIGUE, BODY ACHES, HEADACHE, NEW LOSS OF TASTE OR SMELL, SORE THROAT, CONGESTION OR RUNNY NOSE, NAUSEA/VOMITING, DIARRHEA. SYMPTOMS MAY APPEAR 2-14 DAYS AFTER EXPOSURE TO THE VIRUS. SYMPTOMS MAY HAVE BEEN MILD OR SEVERE.

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

C333 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW R, GO TO C107
BRANCHPOINT

IF R DID NOT HAVE COVID SYMPTOMS (C332 NOT 1), GO TO C107 F251
BRANCHPOINT

C333

Do you continue to have health problems related to your experience with COVID-19?

- 1. YES
- 5. NO
- 6. NOT SURE; HAVE HEALTH PROBLEMS, BUT UNSURE IF THEY ARE BECAUSE OF CORONAVIRUS
- DK
- RF

F251 BRANCHPOINT: ASK IF CORE SELF OR CAWI
OTHERWISE, GO TO C107 BRANCHPOINT

F251

Have any family members or close friends died from COVID-19?

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

#@ DM2 kt (4/1/22)
Co-Pis decided to move this new 2022 question from Section f to section C (after C333) so it flows more naturally. Note that it will retain the original fieldname (F251) because we have collected data for it already. Per dev 49645

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](#) C112 BRANCHPOINT

#@ JR (12/8/21) revise jump destination;
#49377

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 2018 AND WILL BE ASKED AGAIN IN 2022.

C107_

#@ JR (12/8/21) revise jump destination;
#49377

Are there any medical diseases or conditions that are important to your health now, that we have not asked 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](#) C112 BRANCHPOINT
- DK GO TO [C278](#) C112 BRANCHPOINT
- RF GO TO [C278](#)- C112 BRANCHPOINT

C108S

(What are they?)

What are those other medical diseases or conditions?

(What illness was that?)

CONDITIONS: _____

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

#@ JR (12/8/21)
moved questions;
#49377

~~IF THIS IS A REINTERVIEW R AND ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C234>0), GO TO C223-C319~~

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

~~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 2016-2020 AND WILL BE ASKED AGAIN IN 2020-2024.~~

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 asked 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 asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:~~

~~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 asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:})

A blood test for cholesterol?

[Since we asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:

A blood test for cholesterol?

1. YES

5. NO

DK

RF

C112 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO C117

#@ JR (5/11/21) from cuts, revise last jump destination; #48532

IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS NOT SET TO ASK QUESTIONS (C234>0), GO TO C223 C319

IF R IS MALE (X060=1), GO TO C114 C279

NOTE: QUESTIONS C112 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 2020 AND WILL BE ASKED AGAIN IN 2024.

C112_

{[Since we asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:})

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]?

[Since we asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:

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 asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:)

A PAP smear?

[Since we asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:

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 C318](#) BRANCHPOINT

DK GO TO [C252 C318](#) BRANCHPOINT

RF GO TO [C252 C318](#) 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 C279](#)

#@ JR (5/11/21) from cuts, revise jump destination; #48532

C251_

#@ JR (5/11/21) from cuts, revise jump destination; #48532

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

DEF: Menopause is defined as the time when there have been no menstrual periods for 12 months in a row. If your last period was a year or more before your hysterectomy then it occurred after menopause.

- 1. YES GO TO C253
- 5. NO GO TO **C114 BRANCHPOINT C279**
- DK GO TO C253
- RF GO TO C253

**C252 C318 BRANCHPOINT: IF R'S CURRENT AGE IS {55 OR OLDER} (A019 >=55)
or R HAD HYSTERECTOMY (C249=1), GO TO C253**

#@ JR (10/19/20)
revised order of skips;
#48324

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

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

C252_

#@ JR (5/11/21) from
cuts, drop; #48630

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

~~DEF: "All through" menopause is defined as the time when there have been no menstrual periods for 12 months in a row.~~

~~The changes of the menopause transition (perimenopause) begin about 6 years before natural menopause is all through. This is a time when the levels of hormones produced by the ovaries change, leading to irregular or less frequent menstrual periods and hot flashes. Other changes associated with the perimenopause and menopause include night sweats, mood swings, vaginal dryness, changes in sexual desire (libido), forgetfulness, trouble sleeping and fatigue.~~

- ~~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~~

C318

Have you finished going through menopause?

#@ JR (6/24/21)
replace C252 with new
menopause question;
#48627

DEF: The end of menopause is defined as the time when there have been no menstrual periods for 12 months in a row. The changes of the menopause transition (perimenopause) begin about 6 years before natural menopause is all through. This is a time when the levels of hormones produced by the ovaries change, leading to irregular or less frequent menstrual periods and hot flashes. Other changes associated with the perimenopause and menopause include night sweats, mood swings, vaginal dryness, changes in sexual desire (libido), forgetfulness, trouble sleeping and fatigue.

Have you finished going through menopause?

- 1. YES
- 5. NO GO TO C279
- 8. DK GO TO C279
- 9. RF GO TO C279

C253_

About how old were you when you finished going through menopause, ~~that is,~~ #@ JR (7/1/21) revise
~~had your last menstrual period?~~ qtext; #48644

AGE

- 39. Under 40
 - 40. - 59.
 - 60. 60 or older
 - 97. Still having menstrual periods
- DK
- RF

C254 BRANCHPOINT: IF C253= DK or RF or EMPTY, CONTINUE

#@ JR (5/11/21) from
cuts, revise jump
destination; #48532

ELSE, GO TO ~~C114 BRANCHPOINT~~ C279

C254_

#@ JR (5/11/21) from
cuts, revise jump
destination; #48532

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

When you finished going through menopause, 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 C279**
5. YOUNGER THAN 50
- DK GO TO **C114 BRANCHPOINT C279**
- RF GO TO **C114 BRANCHPOINT C279**

C255_

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

When you finished going through menopause, 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 C279**

#@ JR (5/11/21) from cuts, revise jump destination; #48532

C256_

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

When you finished going through menopause, 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

#@ JR (5/11/21) from cuts, drop; #48532

C114_

~~{Since we asked you last in R's LAST IW MONTH, YEAR/In the last two years}, have you had:}~~

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

[Since we asked you last in R's LAST IW MONTH, YEAR/In the last two years], have you had:

~~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?

DEF: "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

C319

The following questions are about colon cancer screening tests you can do at home. One kind is called the FIT test and another kind is called the FIT-DNA or Cologuard test. Both look for blood or other signs of colon cancer in your stool #48628 or bowel movement. #@ JR (6/24/21) added 2 new questions;

Have you ever had a FIT test or a Cologuard test?

1. YES

5. NO..... GO TO C223

8. DK..... GO TO C223

9. RF..... GO TO C223

C320

In what year did you have your most recent FIT test or a Cologuard test?

YEAR _____

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?

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?

7. [VOL] EVERY DAY

- 1. MORE THAN ONCE A WEEK
- 2. ONCE A WEEK
- 3. ONE TO THREE TIMES A MONTH
- 4. HARDLY EVER OR NEVER

DK

RF

CAWI version 1 (X525=1):

- 1. MORE THAN ONCE A WEEK
- 2. ONCE A WEEK
- 3. ONE TO THREE TIMES A MONTH
- 4. HARDLY EVER OR NEVER

DK

RF

CAWI version 2 (X525=2):

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

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)?

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?

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

DK

RF

CAWI version 1 (X525=1):

- 1. MORE THAN ONCE A WEEK
- 2. ONCE A WEEK
- 3. ONE TO THREE TIMES A MONTH
- 4. HARDLY EVER OR NEVER

DK

RF

CAWI version 2 (X525=2):

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

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)?

And how often do you take part in sports or activities that are mildly energetic, such as vacuuming, laundry, home repairs?

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

DK

RF

CAWI version 1 (X525=1):

1. MORE THAN ONCE A WEEK
 2. ONCE A WEEK
 3. ONE TO THREE TIMES A MONTH
 4. HARDLY EVER OR NEVER
- DK
RF

CAWI version 2 (X525=2):

7. EVERY DAY
1. MORE THAN ONCE A WEEK
2. ONCE A WEEK
3. ONE TO THREE TIMES A MONTH
4. HARDLY EVER OR NEVER

DK

RF

~~C301 BRANCHPOINT: ASK IF R SELECTED FOR THE ACTIGRAPHY PILOT OR CONTROL GROUP (Z287=1 OR 2)~~

#@ JR (5/11/21) from cuts, drop C301 and C302; #48532

~~OTHERWISE, GO TO C116 BRANCHPOINT~~

C301

~~About how much time do you usually spend on your feet—for example, standing, walking, etc.—on a typical day? This can include time at work, at home or somewhere else, or getting to and from places.~~

~~MINUTES: _____~~

~~OR~~

C302

~~HOURS: _____~~

C303

How much time do you usually spend sitting on a typical day? ~~Again, this~~ This can include time at work, at home or somewhere else, getting to and from places, or with friends or family. Do not include time spent sleeping.

~~[INSTR: ENTER "0" FOR NONE]~~

#@ DM2 JR (3/9/22)
add instruction and dropped "OR" so you can answer both hours and minutes, not one or the other; #49626

#@ JR (5/11/21)
dropped intro wording since it didn't make sense with C301 and C302 cut; #48532

MINUTES:_____

OR

C304

HOURS:_____

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 C321](#)

#@ JR
(6/24/21)revised jump destination to get new vaping questions;
#48629

IF THIS IS A REINTERVIEW R, GO TO C117

C116_

Have you ever smoked cigarettes?

DEF: By "ever smoked cigarettes" we mean more than 100 cigarettes in your lifetime. Do not include pipes, cigars, or e-cigarettes.

- 1. YES
- 5. NO GO TO [C128 C321](#)
- DK GO TO [C128 C321](#)
- RF GO TO [C128 C321](#)

#@ JR
(6/24/21)revised jump destination to get new vaping questions;
#48629

C117_

Do you smoke cigarettes now?

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

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

DEF: 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 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.]

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

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

[INSTR: THIS QUESTION REFERS TO CIGARETTE SMOKING ONLY.]

About how many cigarettes 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.]

CIGARETTES PER DAY _____

C120 BRANCHPOINT: IF THIS IS AN EXIT INTERVIEW, GO TO **C128 C321**

#@ JR

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

(6/24/21)revised jump
destination to get new
vaping questions;
#48629

C120_

IF REINTERVIEW R WAS NOT ASKED IN A PREVIOUS IW WHEN STARTED
SMOKING (Z231= NOT 5):

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'.]

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?

AGE _____

1 - 94

95. NEVER SMOKED GO TO **C128 C321**

[OR]

AGE _____

1 - 94

95. NEVER SMOKED GO TO **C128 C321**

#@ JR

(6/24/21)revised jump
destination to get new
vaping questions;
#48629

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 C321**

#@ JR

(6/24/21)revised jump
destination to get new
vaping questions;
#48629

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 did you 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.]

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 did you usually smoke in a day?

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

[INSTR: THIS QUESTION REFERS TO CIGARETTE SMOKING ONLY.]

CIGARETTES/DAY _____

DK

RF

C125 BRANCHPOINT: IF R WAS ASKED IN A PREVIOUS IW WHEN STOPPED SMOKING (Z232=5), GO TO **C128 C321**

#@ JR
(6/24/21)revised jump destination to get new vaping questions;
#48629

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.]

About how many years ago did you stop smoking?

YEARS AGO _____

96. LESS THAN ONE YEAR

1 - 94

95. NEVER SMOKED GO TO **C128 C321**

#@ JR
(6/24/21)revised jump destination to get new vaping questions;
#48629

[OR]

YEARS AGO _____

96. LESS THAN ONE YEAR

1 - 94

95. NEVER SMOKED GO TO **C128 C321**

C126_

YEAR STOPPED SMOKING _____

[OR]

C127_

AGE WHEN STOPPED SMOKING _____

DK

RF

C321

Have you ever used an e-cigarette or other electronic vaping product?

#@ JR (6/24/21) added
new vaping questions;
#48629

DEF: ELECTRONIC CIGARETTES (E-CIGARETTES) AND OTHER ELECTRONIC VAPING PRODUCTS INCLUDE JUULS, VAPE PENS, E-CIGARS, E-HOOKAH, E-VAPORIZERS AND OTHERS.

Have you ever used an e-cigarette or other electronic vaping product?

Did [she/he] ever use an e-cigarette or other electronic vaping product in the last two years of [her/his] life?

DEF: ELECTRONIC CIGARETTES (E-CIGARETTES) AND OTHER ELECTRONIC VAPING PRODUCTS INCLUDE JUULS, VAPE PENS, E-CIGARS, E-HOOKAH, E-VAPORIZERS AND OTHERS.

1. YES

5. NO..... GO TO C128

DK..... GO TO C128

RF..... GO TO C128

C322

Have you ever used an e-cigarette or other electronic vaping product to vape nicotine?

Did [she/he] ever use an e-cigarette or other electronic vaping product to vape nicotine in the last two years of [her/his] life?

1. YES

5. NO..... GO TO C325

DK..... GO TO C325

RF..... GO TO C325

C323

Do you now use e-cigarettes or other electronic vaping products to vape nicotine every day, some days, or not at all?

Did [she/he] use an e-cigarette or other electronic vaping product to vape nicotine every day or just some days?

1. EVERY DAY

2. SOME DAYS

3. NOT AT ALL

DK

RF

C324

Have you ever vaped anything other than nicotine?
Did [she/he] ever vape anything other than nicotine in the last two years of
[her/his] life?

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

C325

Do you now use e-cigarettes or other electronic vaping products to vape
(anything other than nicotine) every day, some days, or not at all?

Did [she/he] vape (anything other than nicotine) every day or just some days?

- 1. EVERY DAY
- 2. SOME DAYS
- 3. NOT AT ALL
- 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
- 1. YES
- 5. NO
- 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.)

[INSTR: ENTER "0" FOR NONE OR LESS THAN ONCE A WEEK.]

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 drank, about how many drinks did 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?

#@ JR (5/12/21) added
instruction; #48540

[INSTR: IF R ANSWERS IN KILOGRAMS, SPECIFY THIS IN AN F2 COMMENT.]

About how much do you weigh?

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

[INSTR: IF R ANSWERS IN KILOGRAMS, SPECIFY THIS IN AN F2
COMMENT.]

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.]

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

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.

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.)

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 C144** BRANCHPOINT

#@ JR (5/11/21) revise jump destination from cuts; #48532

C141_

About how tall are you?

#@ JR (5/11/21) revise jump destination from cuts; #48532

FEET _____

DK GO TO **C143 C144** BRANCHPOINT

RF GO TO **C143 C144** BRANCHPOINT

C142_

About how tall are you?

[INSTR: RECORD TO THE QUARTER OF AN INCH. FOR EXAMPLE, RECORD 7½ INCHES AS 7.25. RECORD 7 INCHES AS 7.00.]

INCHES _____

DK

RF

C143 C144 BRANCHPOINT: IF THIS IS A REINTERVIEW R and ALTERNATE WAVE FLAG IS SET TO NOT ASK QUESTIONS (C234>0), GO TO **C229_BRANCHPOINT C334**

#@ JR (12/14/21)
revised jump
destination; #49389

NOTE: QUESTIONS C143 C144 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 2016 2020 AND WILL BE ASKED AGAIN IN 2020 2024.

C143_

#@ JR (12/14/21) from cuts, drop; #49389

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 asked 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_

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 asked 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?

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

Persistent dizziness or lightheadedness?

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

Back pain or problems?

Since we last asked 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 asked 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?

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

Severe fatigue or exhaustion?

Since we last asked 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 asked 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?

Since we last asked 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

C334

#@ JR (12/8/21)
adding new questions;
#49389

Now think about the past 7 days....

How often did you feel tired? Never, rarely, sometimes, often or always?

Now think about the past 7 days....

How often did you feel tired?

- 1. NEVER
- 2. RARELY
- 3. SOMETIMES
- 4. OFTEN
- 5. ALWAYS
- 8. DK
- 9. RF

C335

How often did you experience extreme exhaustion? (Never, rarely, sometimes, often or always?)

How often did you experience extreme exhaustion?

- 1. NEVER
- 2. RARELY
- 3. SOMETIMES
- 4. OFTEN
- 5. ALWAYS
- 8. DK
- 9. RF

C336

How often did you run out of energy? (Never, rarely, sometimes, often or always?)

How often did you run out of energy?

- 1. NEVER
- 2. RARELY
- 3. SOMETIMES
- 4. OFTEN
- 5. ALWAYS
- 8. DK
- 9. RF

C337

How often did your fatigue limit you at work, including work at home? (Never, rarely, sometimes, often or always?)

[INSTR: THIS INCLUDES PAID WORK AND WORK AROUND THE HOUSE, YARD WORK ETC.]

How often did your fatigue limit you at work, including work at home?

[INSTR: THIS INCLUDES PAID WORK AND WORK AROUND THE HOUSE, YARD WORK ETC.]

- 1. NEVER
- 2. RARELY
- 3. SOMETIMES
- 4. OFTEN
- 5. ALWAYS
- 8. DK
- 9. RF

C338

How often were you too tired to think clearly? (Never, rarely, sometimes, often or always?)

How often were you too tired to think clearly?

- 1. NEVER
- 2. RARELY
- 3. SOMETIMES
- 4. OFTEN
- 5. ALWAYS
- 8. DK
- 9. RF

C339

How often were you too tired to take a bath or shower? (Never, rarely, sometimes, often or always?)

How often were you too tired to take a bath or shower?

1. NEVER
2. RARELY
3. SOMETIMES
4. OFTEN
5. ALWAYS
8. DK
9. RF

C229 BRANCHPOINT: IF R LIVES IN A NURSING HOME (A237= 1, 2, 4, 7, 8, 9 or 10 or DK/RF), 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 past 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
-
- 1. YES
 - 5. NO 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 more interest in things 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?

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

--

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]

WEEKS _____

C164 BRANCHPOINT: IF THIS IS A CAWI IW, GO TO C166 BRANCHPOINT

C164_

MONTHS _____

[OR]

C165_

1. 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)?

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

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)
1. YES
 5. NO 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)

C179_

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?

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 --

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?

[INSTR: ENTER 52 IF YOU FELT THIS WAY THE ENTIRE YEAR.]

WEEKS _____

[OR]

WEEKS _____

C180 BRANCHPOINT: IF THIS IS A CAWI IW, GO TO C182 BRANCHPOINT

C180_

MONTHS _____

[OR]

C181_

1. 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)?

Think about the 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 BRANCHPOINT: IF THIS IS A CAWI IW, GO TO NEXT SECTION

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 -