



Canadian Health Measures Survey

Because your health matters!

Canadian Health Measures Survey – Cycle 4

2014 to 2015

Clinic Questionnaire

FOR INFORMATION ONLY



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Explanatory notes for this document

1. Question text in **bold** font is read to the respondent. Text in normal font is not read to the respondent. Instructions to the person asking the questions or taking the measures are prefaced by the word "Instruction", and are not read aloud.
2. Question text in **bold** font enclosed by brackets () is read to the respondent at the discretion of the person asking the questions.
3. In this text, the use of the masculine is generic and applies to both men and women. Please note that during the actual clinic visit, the questions were personalized to be appropriate to the gender of the respondent.
4. Question text enclosed in square brackets [] is dynamic and in most cases will vary depending on the particular circumstances. The symbol ^ indicates that dynamic substitution will take place.
5. In this document, the flow direction from a given response is not provided when it is to the next immediate question.
6. For more detailed information on physical measures protocols, please contact Statistics Canada's National Contact Centre (toll-free 1-800-263-1136; 613-951-8116; infostats@statcan.gc.ca).

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Respondent Verification Component

Respondent Verification (RVB)

RVB_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier AWC_AGE: age of respondent AWC_YOB: year of birth of respondent AWC_MOB: month of birth of respondent AWC_DOB: day of birth of respondent RespondentName: name of respondent Variables assigned in Variable Creation: CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place ShortRespName: first 4 letters of LNAME plus first 3 letters of FNAME IntLangE: English text of language of application during the household interview (either English or French) GenderE: English text for sex of respondent SCS_N12: visit type (3= clinic visit; 4= home visit)</p>
RVB_C11	<p>If SCS_N12 = 4, go to RVB_END. Otherwise go to RVB_N11.</p>
RVB_N11	<p><u>INSTRUCTION</u>: Press <1> to print the Participant's personal information form.</p> <p>1 Print the form (DK, RF not allowed)</p>
RVB_D11 Programmer:	<pre> IF SCS_N12 = 4 THEN RVB_D11 = EMPTY ELSE If RVB_N11 = 1 and RVB_D11 = EMPTY, Set RVB_D11 = Current Time (in HH:MM:SS format). ENDIF </pre>

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RVB_R11

Here is the first of several forms we will be asking you to complete. Please read it carefully and provide the information requested.

INSTRUCTION: Provide the respondent with the English/French double-sided Participant's personal information form.

When the respondent returns the form, check to ensure that all requested information has been filled in and is legible.

Press <1> to continue.

RVB_N12

INSTRUCTION: Press <1> to print the label with the respondent's CLINICID as a bar code identifier.

- Stick the first label onto a bracelet
- Attach the bracelet around the wrist of the respondent.

1 Print the label
(DK, RF not allowed)

RVB_END

Name Spelling Confirmation (NSC)

NSC_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

FNAME: first name of respondent

LNAME: last name of respondent

AWC_AGE: age of respondent

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

RespondentName: name of respondent

GenderE: English text for sex of respondent

NSC_C11

If RespondentName = "EMPTY", go to NSC_N13.
Otherwise, go to NSC_N11.

NSC_N11

INSTRUCTION: Record whether ^RespondentName's name is spelled correctly.

1 Yes (Go to NSC_D15)
2 No
(DK, RF not allowed)

NSC_N12 INSTRUCTION: Record whether corrections are to be made to:

- 1 ...the first name only?
 - 2 ...the last name only? (Go to NSC_N14)
 - 3 ...both names?
- (DK, RF not allowed)

NSC_N13 INSTRUCTION: Enter the first name only.

(25 spaces)

(DK, RF not allowed)

NSC_C14 If NSC_N12 = 1 (first name only), go to NSC_D15.
Otherwise, go to NSC_N14.

NSC_N14 INSTRUCTION: Enter the last name only.

(25 spaces)

(DK, RF not allowed)

NSC_D15
Programmer:

```
IF NSC_N11 = 1 THEN
    Set RespondentFirstName = FNAME
    Set RespondentLastName = LNAME
    Set RespondentName = FNAME + LNAME
    (separated by one space)
ELSE IF NSC_N12 = 1 THEN
    Set RespondentFirstName = NSC_N13
    Set RespondentLastName = LNAME
    Set RespondentName = NSC_N13 + LNAME
    (separated by one space)
ELSE IF NSC_N12 = 2 THEN
    Set RespondentFirstName = FNAME
    Set RespondentLastName = NSC_N14
    Set RespondentName = FNAME + NSC_N14
    (separated by one space)
ELSE
    Set RespondentFirstName = NSC_N13
    Set RespondentLastName = NSC_N14
    Set RespondentName = NSC_N13 + NSC_N14
    (separated by one space)
ENDIF
```

NSC_END

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Sex Confirmation (SXC)

SXC_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier AWC_AGE: age of respondent SEX_Q01: sex of respondent</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place GenderE: English text for sex of respondent</p> <p>Variables from previously completed blocks: RespondentName: name of respondent</p>
SXC_C11	<p>If SEX_Q01 = EMPTY, go to SXC_N12. Otherwise, go to SXC_N11.</p>
SXC_N11	<p><u>INSTRUCTION</u>: Record whether ^RespondentName's sex is correct.</p> <p>1 Yes (Go to SXC_D13) 2 No (DK, RF not allowed)</p>
SXC_N12	<p><u>INSTRUCTION</u>: Record ^RespondentName's sex.</p> <p>1 Male 2 Female (DK, RF not allowed)</p>
SXC_D13 Programmer:	<pre> IF SXC_N11 = 1, THEN IF SEX_Q01 = 1 THEN CON_SEX = 1 GenderE = "Male" ELSE CON_SEX = 2 GenderE = "Female" ENDIF ELSE IF SXC_N12 = 1 THEN CON_SEX = 1 GenderE = "Male" ELSE CON_SEX = 2 GenderE = "Female" ENDIF ENDIF </pre>
SXC_END	

Confirmation of Birth Date (DDN)

DDN_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier AWC_DOB: day of birth of respondent AWC_MOB: month of birth of respondent AWC_YOB: year of birth of respondent AWC_AGE: age of respondent</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place ShortRespName: respondent short name</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_SEX: sex of respondent</p>
Programmer:	<p><i>"Feedback" data represents information collected during the household interview (e.g., "Feedback date of birth" represents the date of birth provided by the respondent during the household interview).</i></p>
DDN_C1	<p>If AWC_DOB, AWC_MOB or AWC_YOB is blank, DK or RF, or AWC_AGE is blank, go to DDN_B2. Otherwise, go to DDN_D1.</p>
DDN_D1	<p>If AWC_MOB = 1, DT_MONTHOFBIRTHE = "January". If AWC_MOB = 2, DT_MONTHOFBIRTHE = "February". If AWC_MOB = 3, DT_MONTHOFBIRTHE = "March". If AWC_MOB = 4, DT_MONTHOFBIRTHE = "April". If AWC_MOB = 5, DT_MONTHOFBIRTHE = "May". If AWC_MOB = 6, DT_MONTHOFBIRTHE = "June". If AWC_MOB = 7, DT_MONTHOFBIRTHE = "July". If AWC_MOB = 8, DT_MONTHOFBIRTHE = "August". If AWC_MOB = 9, DT_MONTHOFBIRTHE = "September". If AWC_MOB = 10, DT_MONTHOFBIRTHE = "October". If AWC_MOB = 11, DT_MONTHOFBIRTHE = "November". If AWC_MOB = 12, DT_MONTHOFBIRTHE = "December".</p>

DDN_N1 INSTRUCTION: Record whether ^RespondentName's date of birth is ^MonthOfBirthE ^AWC_DOB, ^AWC_YOB.

- 1 Yes (Go to DDN_D4)
- 2 No (DK, RF not allowed)

Content type: *NOTE TO DATA USERS:
If the DOB is confirmed at DDN_N1, then the DOB values are entered into the DOB fields at DDN_B2 and age is calculated.*

DDN_B2 INSTRUCTION: Record ^RespondentName's date of birth.

Call the Date block. See Appendix I.

Content type: *NOTE TO DATA USERS:
If Month of birth or Year of birth is not known or refused, respondent is flowed to DDN_N4 where he/she is asked his/her age.*

If Day of birth is not known or refused AND the current month is the same as the month of birth, then respondent is flowed to DDN_N4 where he/she is asked his/her age.

If entered DOB is not different from the feedback DOB, then go to DDN_N4.

Multiple edits assure that the respondent is not less than 3 years of age or greater than 80 years of age.

DDN_Q3 **I would like to confirm that your age is ^CalculatedAge.**

INSTRUCTION: Date of birth is ^MonthOfBirthE ^DDN_B2.DATD, ^DDN_B2.DATY.

- 1 Yes (Go to DDN_E4)
- 2 No, return and correct date of birth (Go to DDN_B2)
- 3 No, collect age (DK, RF not allowed)

Programmer: *IF ^CalculatedAge < 3 or ^CalculatedAge > 80 display ^CalculatedAge in red font.*

```

IF DDN_B2.DATM = 1, THEN
    MonthOfBirthE = "January"
ELSE IF DDN_B2.DATM = 2, THEN
    MonthOfBirthE = "February"
ELSE IF DDN_B2.DATM = 3, THEN
    MonthOfBirthE = "March"
ELSE IF DDN_B2.DATM = 4, THEN
    MonthOfBirthE = "April"
ELSE IF DDN_B2.DATM = 5, THEN
    MonthOfBirthE = "May"
ELSE IF DDN_B2.DATM = 6, THEN
    MonthOfBirthE = "June"
ELSE IF DDN_B2.DATM = 7, THEN
    MonthOfBirthE = "July"
ELSE IF DDN_B2.DATM = 8, THEN
    MonthOfBirthE = "August"
ELSE IF DDN_B2.DATM = 9, THEN
    MonthOfBirthE = "September"
ELSE IF DDN_B2.DATM = 10, THEN
    MonthOfBirthE = "October"
ELSE IF DDN_B2.DATM = 11, THEN
    MonthOfBirthE = "November"
ELSE IF DDN_B2.DATM = 12, THEN
    MonthOfBirthE = "December"
    
```

ENDIF

Calculate the age using the entered date of birth, and pre-fill the question text with the result.

DDN_N4

INSTRUCTION: Record ^RespondentName's age.

|_||_|| Age in years
(MIN: 1)
(MAX: 85)

(DK, RF not allowed)

DDN_D4

Content type:

NOTE TO DATA USERS:
The respondent's age in years (CON_AGE) and age in days (AGE_DAYS) are calculated using date of birth.

Programmer:

```
IF DDN_N1 = 1 THEN
    CON_DDN = AWC_MOB + AWC_DOB + AWC_YOB
    CON_AGE = CalculatedAge
ELSE IF DDN_B2.DATD = RESPONSE AND DDN_B2.DATM = RESPONSE AND
DDN_B2.DATY = RESPONSE THEN
    CON_DDN = DDN_B2.DATM + DDN_B2.DATD + DDN_B2.DATY
ENDIF

IF DDN_Q3 = 1 THEN
    CON_AGE = CalculatedAge
ELSE IF DDN_N4 = RESPONSE THEN
    CON_AGE = DDN_N4
ENDIF

IF CON_DDN = RESPONSE THEN
    AGE_DAYS = Age in days based on CON_DDN
ELSE IF DDN_B2.DATM = RESPONSE AND DDN_B2.DATY = RESPONSE THEN
    AGE_DAYS = Age in days based on DDN_B2.DATY + DDN_B2.DATM + 15
ELSE
    AGE_DAYS = EMPTY
ENDIF
```

DDN_D6

Content type:

NOTE TO DATA USERS:
The respondent's required minimum urine sample volume(DDN_D6) is calculated based on respondent age and randomly set sampling flags.

Programmer:

```
IF CON_AGE <6 THEN
    IF (BPAFLG = 1 or TRICFLG = 1 or ARSCFLG = 1 or ORGPFGL = 1 or PARAFLG = 1)
THEN
        IF (BENZFLG = 1 or PAHFLG = 1) THEN
            DDN_D6 = 40.0 ml
        ELSE
            DDN_D6 = 30.0 ml
        ENDIF
    ELSE
        IF (BENZFLG = 1 or PAHFLG = 1) THEN
            DDN_D6 = 30.0 ml
        ELSE
            DDN_D6 = 20.0 ml
        ENDIF
    ENDIF
ELSE
    IF (BPAFLG = 1 or TRICFLG = 1 or ARSCFLG = 1 or ORGPFGL = 1 or PARAFLG = 1)
THEN
        IF (BENZFLG = 1 or PAHFLG = 1) THEN
            DDN_D6 = 50.0 ml
        ELSE
            DDN_D6 = 40.0 ml
        ENDIF
    ENDIF
```

```

ELSE
  IF (BENZFLG = 1 or PAHFLG = 1) THEN
    DDN_D6 = 40.0 ml
  ELSE
    DDN_D6 = 30.0 ml
  ENDIF
ENDIF
ENDIF
ENDIF

```

DDN_N6 INSTRUCTION: Press <1> to print the labels with the respondent's short name.

- First label: Stick it onto the respondent's file folder.
- Second label: Staple it to the inside of the respondent's file folder.
- Third label: Stick it onto a urine sample container.

DO NOT give the container to the respondent until the Urine component has been generated (after CONSENT).

1 Print the labels
(DK, RF not allowed)

DDN_END

Language Confirmation (LNG)

LNG_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

LNG_N11

INSTRUCTION: Record ^RESPONDENTNAME's preferred official language.

1 English
2 French
(DK, RF not allowed)

LNG_END

If necessary, change the application language to correspond to the response to LNG_N11.

Consent Component

Consent (CON)

CON_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier STOREBLD: flag for whether storage is available for blood and urine samples STOREDNA: flag for whether storage is available for DNA samples</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place DryRun: whether the case is a dry run case (1/2= dryrun; 3= survey respondent) SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentFirstName: first name of respondent RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent LNG_N11: respondent's preferred official language SCS_N12: visit type (3= clinic visit; 4= home visit)</p>
CON_C01	<p>If SCS_N12 = 4, go to CON_D01. Otherwise, go to CON_N01.</p>
CON_N01	<p><u>INSTRUCTION</u>: Press <1> to print the Consent form(s).</p> <p>1 Print the form(s) (DK, RF not allowed)</p>
CON_D01	<p>If CON_AGE < 14, DT_CONINST1E = "the parent or guardian". Otherwise, DT_CONINST1E = "the respondent". If CON_AGE < 14, DT_CONINST3E = "^RespondentFirstName's". Otherwise, DT_CONINST3E = "his/her".</p>

CON_Q11 **Before we start the clinic tests, we need to ensure you have reviewed the *Information and Consent Booklet* that was given to you during the interview at your home. Did you have a chance to read that booklet?**

INSTRUCTION: Show the respondent the *Information and Consent Booklet*.

1 Yes
2 No
(DK, RF not allowed)

CON_D11
Programmer:

```
IF SCS_N12 = 4 THEN  
    CON_D11 = EMPTY  
ELSE  
    IF CON_Q11 = RESPONSE and CON_D11 = EMPTY,  
        Set CON_D11 = Current Time (in HH:MM:SS format)  
ENDIF
```

CON_C12
If CON_Q11 = 2, go to CON_R13.
Otherwise, go to CON_R13

CON_R12 **Do you have any questions about any of the information in the booklet or about the clinic portion of the survey?**

INSTRUCTION: Answer any questions as thoroughly as possible.

Press <1> to continue.

Go to CON_R14

CON_R13 **Here is a copy of the *Information and Consent Booklet*. Please take a few minutes to read through it. If you have any questions about the information in the booklet or the clinic tests, I can answer them for you.**

INSTRUCTION: Hand the *Information and Consent Booklet* to the respondent and give him/her time to read through it (approximately 5 minutes).

Press <1> to continue.

CON_R14 **Here is the Consent form for participation in the clinic portion of the survey. Please read the form carefully and check either the "Yes" or "No" box for each item.**

INSTRUCTION: Provide [the parent or guardian/the respondent] with the Consent form.

Check to ensure that it has been completed correctly.

Sign the form as the witness.

Press <1> to continue.

CON_R15 **I am now going to enter that information into our computer system. I may have some additional questions about your responses.**

INSTRUCTION: Press <1> to continue.

CON_C15	If CON_AGE > 13, go to CON_D16. Otherwise, go to CON_N15.
CON_N15	<u>INSTRUCTION</u> : Record whether a parent or guardian has consented to the respondent participating in the physical measure tests. 1 Yes 2 No (DK, RF not allowed)
Content type:	<i>NOTE TO DATA USERS:</i> <i>If CON_N15 = 2, the clinic visit will not continue for that respondent.</i>
CON_C16	If CON_AGE < 6, go to CON_N21. Otherwise, go to CON_R16.
CON_R16	Your parent or guardian has said you can take part in the tests today. If you would like to participate we need you to write or print your name on this form. <u>INSTRUCTION</u> : Provide the child with the Assent form. Check to ensure that it has been completed correctly. Sign the form as the witness. Press <1> to continue.
CON_D16	If CON_AGE > 13, DT_CON16E = " consented ". Otherwise, DT_CON16E = " assented ".
CON_N16	<u>INSTRUCTION</u> : Record whether the respondent has [consented/assented] to participating in the physical measure tests. 1 Yes 2 No (DK, RF not allowed)
Content type:	<i>NOTE TO DATA USERS:</i> <i>If CON_N16 = 2, the clinic visit will not continue for that respondent.</i>
CON_N21	<u>INSTRUCTION</u> : Record whether [the parent or guardian/the respondent] has consented to receiving reports of [^RespondentFirstName's /his/her] test results. 1 Yes 2 No (DK, RF not allowed)
CON_D23	If CON_AGE > 13, DT_CON4E = " your ". Otherwise, DT_CON4E = " ^RespondentFirstName's ". If CON_AGE < 14, DT_CONREPE = " contaminants that might require ". Otherwise, DT_CONREPE = " diseases and contaminants that might require ". If CON_AGE < 14, DT_CONREP2E = " contaminants ". Otherwise, DT_CONREP2E = " diseases and contaminants ".

CON_N23	<p><u>INSTRUCTION</u>: Record whether [the parent or guardian/the respondent] has consented to allowing Statistics Canada to test [RespondentFirstName's/ his/her] blood and urine for ^DT_CONREPE mandatory reporting in his/her province of residence, and to contact him/her as well as the appropriate provincial authorities if the results are positive.</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
CON_C23B	<p>If CON_N21 = 1 or CON_N23 = 2, go to CON_C23C. Otherwise, go to CON_R23.</p>
CON_R23	<p>You have indicated on the Consent form that you do not want to receive reports of [your/RespondentFirstName's] test results. However, you have agreed that Statistics Canada can test [your/RespondentFirstName's] blood and urine for reportable [diseases and contaminants that might require/contaminants]. I just want you to be aware that, by agreeing to have these tests done, you will receive the results if they are positive.</p> <p><u>INSTRUCTION</u>: Answer any questions as thoroughly as possible.</p> <p>Press <1> to continue.</p>
CON_C23C	<p>If DRYRUN in (1,2), go to CON_END. Otherwise, go to CON_C24A.</p>
CON_C24A	<p>If STOREBLD = 2, go to CON_C26. Otherwise, go to CON_C24B.</p>
CON_C24B	<p>If CON_AGE > 13, go to CON_N25. Otherwise, go to CON_N24.</p>
CON_N24	<p><u>INSTRUCTION</u>: Record whether a parent or guardian has consented to storage of the respondent's blood and urine for use in future health studies.</p> <p>1 Yes 2 No (DK, RF not allowed)</p> <p>Go to CON_END</p>

CON_N25 INSTRUCTION: Record whether the respondent has agreed to storage of blood and urine for use in future health studies.

- 1 Yes
 - 2 No
- (DK, RF not allowed)

CON_C26 If CON_AGE < 14 or STOREDNA = 2, go to CON_END.
Otherwise, go to CON_N26.

CON_N26 INSTRUCTION: Record whether the respondent has agreed to storage of DNA for use in future health studies.

- 1 Yes
 - 2 No
- (DK, RF not allowed)

CON_END

Report (REP)

REP_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

ERESFLG: Flag indicating if Electronic results is offered to respondents (1 = YES; 2 = NO)

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

MailAddress: mailing address of respondent

Variables from previously completed blocks:

RespondentFirstName: first name of respondent

RespondentName: first and last name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

LNG_N11: respondent's preferred official language

CON_N15: yes/no indicator of whether a parent or guardian has consented to the respondent participating in the physical measure tests

CON_N16: yes/no indicator of whether the respondent has consented to participating in the physical measure tests

CON_N21: yes/no indicator of whether the respondent/parent/guardian has consented to receiving the test results

REP_C11A

If CON_N15 = 2 or CON_N16 = 2, go to REP_END.
Otherwise, go to REP_C11B.

REP_C11B If CON_N21 = 2, go to REP_C13.
Otherwise, go to REP_D11.

REP_D11 If CON_AGE < 14 and CON_SEX = 1, DT_VOSE = "his".
If CON_AGE < 14 and CON_SEX = 2, DT_VOSE = "her".
Otherwise, DT_VOSE = "your".

REP_R11 **Today, at the end of the clinic visit, you will receive
[RespondentFirstName's/your] Report of physical measurements
containing the results that are immediately available. We will send the
final report of [his/her/your]^DT_VOSE remaining test results in 6 to 7
months.**

INSTRUCTION: Press <1> to continue.

REP_C13 If CON_AGE > 13, go to REP_C14.
Otherwise, go to REP_N13.

REP_N13 INSTRUCTION: Record the name of the person who signed the Consent
form.
Enter the person's first and last name.

(80 spaces)

(DK, RF not allowed)

REP_C14 If CON_N21 = 2, go to REP_C21.
Otherwise, go to REP_C16.

REP_C16 If ERESFLG=1, go to REP_Q16.
Otherwise, go to REP_Q20.

Programmer: *For CHMS cycle 4, the ERESFLG flag will always be set to 2 (electronic results will not
be offered).*

REP_Q20 **We can send you the results by regular mail or by courier. Can we
send you the final report by regular mail?**

1 Yes (Go to REP_C21)
2 No
(DK, RF not allowed)

REP_R21 **We will send you the final report of test results by courier.**

INSTRUCTION: Press <1> to continue.

REP_C21 If no mailing address exists (i.e., the street and city fields are empty),
go to REP_B22.
Otherwise, go to REP_Q21.

REP_Q21 **I would like to confirm your mailing address. Is it:**
^MailAddress

1 Yes
2 No
(DK, RF not allowed)

REP_B22 Call the Address block. See Appendix I

Programmer: Pass the following parameters:
 DV_QTEXT_E = "**What is your mailing address?**"
 LISTINGADFLAG = 2 (No)
 NONCANADFLAG = 1 (Yes)

REP_END

Urgent Condition (URG)

URG_BEG External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

TelephoneNumber1: First telephone number of the respondent

TelephoneNumber2: Second telephone number of the respondent

EMAILADDRESS: E-mail address of respondent or of parent/guardian (if less than 14 years old)

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentFirstName: first name of respondent

RespondentName: first and last name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

LNG_N11: respondent's preferred official language

CON_N15: whether a parent or guardian has consented to the respondent participating in the physical measure tests

CON_N16: whether the respondent has consented to participating in the physical measure tests

URG_C04 If CON_N15 = 2 or CON_N16 = 2, go to URG_END.
 Otherwise, go to URG_C05.

URG_C05 If TelephoneNumber1 = EMPTY and TelephoneNumber2 = EMPTY, go to URG_D10.
 Otherwise, go to URG_R06.

URG_R06 **I would like to confirm the telephone numbers we have on file.**

INSTRUCTION: Press <1> to continue.

URG_Q07	<p>Is ^TelephoneNumber1 correct?</p> <p>1 Yes (Go to URG_C08) 2 No (DK, RF not allowed)</p>
Programmer:	<p>If "Yes" is selected, copy the values from the displayed telephone number into the respective URG_B07 phone number fields and go to URG_C08.</p>
URG_B07	<p>Call the North American Telephone (NATP) block. See Appendix I.</p>
Programmer:	<p>Pass the following parameters: DV_QTEXT_E = "What is the correct phone number?" ASKEXT = 2 (No).</p>
URG_C08	<p>If TelephoneNumber2 = EMPTY, go to URG_D10. Otherwise, go to URG_Q09.</p>
URG_Q09	<p>Is ^TelephoneNumber2 correct?</p> <p>1 Yes (Go to URG_C11) 2 No (DK, RF not allowed)</p>
Programmer:	<p>If "Yes" is selected, copy the values from the displayed telephone number into the respective URG_B09 phone number fields and go to URG_C11.</p>
URG_B09	<p>Call the North American Telephone (NATP) block. See Appendix I.</p>
Programmer:	<p>Pass the following parameters: DV_QTEXT_E = "What is the correct phone number?" ASKEXT = 2 (No).</p>
URG_C09	<p>If J=1, go to URG_C11. Otherwise, go to URG_C11.</p>
URG_D10	<p>If TelephoneNumber1 = EMPTY and TelephoneNumber2 = EMPTY, DT_URG10_TEXTE = "a". Otherwise, DT_URG10_TEXTE = "another".</p>
URG_Q10	<p>Is there [a/another] phone number that can be used to reach you?</p> <p>1 Yes 2 No (Go to URG_C11) DK, RF (Go to URG_C11)</p>
URG_B11	<p>Call the North American Telephone (NATP) block. See Appendix I.</p>
Programmer:	<p>Pass "What is it?" as parameter.</p>
URG_C11	<p>If EMAILADDRESS = DK, RF or EMPTY, go to URG_Q11. Otherwise, go to URG_B12.</p>
URG_Q11	<p>Can you provide us with an e-mail address?</p> <p>1 Yes 2 No (Go to URG_N13) DK, RF (Go to URG_N13)</p>

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URG_B12	Call the Electronic Address block (EA)
Programmer:	<p><i>SPECRESPNAME = RespondentFirstName</i> <i>If CON_SEX = 1 then PROXYSEX = 1.</i> <i>If CON_SEX = 2 then PROXYSEX = 2.</i></p>
URG_N13	<p>INSTRUCTION: Is the respondent in a wheelchair?</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
URG_C14	<p>If URG_N13 = 1, go to URG_Q14. Otherwise, go to URG_D20.</p>
URG_Q14	<p>The laboratories that analyse the urine samples require that these samples are provided without the use of a catheter. For this reason, we need to know if you use a catheter.</p> <p>INSTRUCTION: Record if the respondent is using a catheter.</p> <p>1 Yes 2 No DK, RF</p>
URG_D20	<p>NOTE TO DATA USERS: <i>PROXYSEX is the gender of selected respondent and whether the interview is being conducted by proxy. PROXYSEX is set here as follows:</i> <i>1 = male, non-proxy</i> <i>2 = female, non-proxy</i> <i>3 = male, proxy</i> <i>4 = female, proxy</i></p>
Programmer:	<pre>IF CON_AGE > 11 THEN IF CON_SEX = 1 THEN PROXYSEX = 1 ELSE PROXYSEX = 2 ENDIF ELSE IF CON_SEX = 1 THEN PROXYSEX = 3 ELSE PROXYSEX = 4 ENDIF ENDIF</pre>
URG_END	

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Electronic Address (EA)

EA_BEG	<p>Call block</p> <p>External variables required:</p> <p>Variables taken from sample file: EMAILADDRESS: specific respondent's e-mail address (as provided in a previous interview or survey)</p> <p>Variables from previously completed blocks: SPECRESPFNAME: first name of selected respondent PROXYSEX: gender of selected respondent and whether the interview is being conducted by proxy 1 = male, non-proxy 2 = female, non-proxy 3 = male, proxy 4 = female, proxy</p>
EA_C01	<p>If EMAILADDRESS = DK, RF or EMPTY, go to EA_Q02. Otherwise, go to EA_D01A.</p>
EA_D01A	<p>Not Applicable</p>
EA_D01B	<p>Not Applicable</p>
EA_Q01	<p>I would like to confirm your e-mail address. Is it ^EMAILADDRESS?</p> <p><u>INSTRUCTION:</u> Read the e-mail address character by character.</p> <p>1 Yes 2 No DK, RF (Go to EA_END)</p>
Programmer:	<p><i>Pre-fill the question text with the appropriate respondent name and e-mail address.</i></p>
EA_D02 Programmer:	<p><i>If EA_Q01 = 1, set EA_Q02 = ^EMAILADDRESS</i></p>
EA_C02	<p>If EA_Q01 = 1 (Yes), go to EA_END. Otherwise, go to EA_Q02.</p>
EA_Q02	<p>What is your e-mail address?</p> <p><u>INSTRUCTION:</u> Ask about upper and lower case, special characters, etc.</p> <hr/> <p>(80 spaces)</p> <p>DK, RF (Go to EA_END)</p>
Help text:	<p><i>Email address must follow the format: name@domain.type</i></p> <p><i>Name may contain only the following: letters (upper or lower case, no accents), numbers, or ! ' & . - + * \$ % ^ _ (no blank spaces)</i></p>

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Domain may contain only:

(a) sequences of 1-3 numbers with a period (.) between them (e.g. 123.53.233) OR
(b) sequences of letters (upper or lower case, no accents) or numbers with a period (.) between each sequence; each sequence must contain at least one letter (e.g. statcan.gc)

Optionally, domain may begin with the character [

Type may contain only:

(a) 1-3 numbers OR

(b) 2-4 letters (e.g. com, org, net, ca)

Optionally, type may end with the character]

Programmer:

Any lower case text characters typed into the field should NOT be converted to upper case text characters after <Enter> is pressed.

EA_Q03

I would like to confirm the e-mail address.

Is it ^EA_Q02?

INSTRUCTION: Read the e-mail address character by character.

1 Yes (Go to EA_END)

2 No

DK, RF (Go to EA_END)

EA_END

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Urine Collection 1 Component (UC1)

UC1_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent RespondentFirstName: first name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent SCS_N12: Visit type (3= clinic visit; 4= home visit)</p>
UC1_D10A	<p>If CON_AGE < 6, DT_UC110E = "^RespondentFirstName". Otherwise, DT_UC110E = "you".</p>
UC1_Q10	<p>Now we would like [^RespondentFirstName/you] to provide a urine sample.</p> <p><u>INSTRUCTION</u>: Press <1> to continue</p> <p>1 Continue (DK is not allowed) RF</p> <p>Go to UC1_D10B</p>
UC1_D10B Programmer:	<pre>IF SCS_N12 = 4 THEN UC1_D10B = EMPTY ELSE IF (UC1_Q10 = 1 or RF) and UC1_D10B = EMPTY, Set UC1_D10B = Current Time (in HH:MM:SS format) ENDIF</pre>
UC1_C20A	<p>If UC1_Q10 = RF, go to UC1_END. Otherwise, go to UC1_C20B.</p>
UC1_C20B	<p>If CON_AGE < 6, go to UC1_R21. Otherwise, go to UC1_R20.</p>

UC1_R20

Please use this container to collect the urine sample.

- **You will need to remove the lid and place it on the shelf in the washroom with the inside facing up.**
- **Do not touch the inside of the container.**
- **Fill the container as full as possible and put the lid back on tightly.**
- **Once you are finished, please rinse and dry the exterior of the container. Wash your hands, place the container in the paper bag provided and bring it back to me.**

INSTRUCTION: Demonstrate how to remove the lid using the example container and ensure the respondent understands what is meant by placing the lid on the shelf “with the inside facing up”.

Answer any questions as thoroughly as possible.

Press <1> to continue.

UC1_C21

If CON_AGE > 5, go to UC1_C30.
Otherwise, go to UC1_R21.

UC1_R21

To collect urine samples from young children, we are using a special urine collection device that rests under the toilet seat.

- **You will need to lift the toilet seat and install the collection device.**
- **Ensure it fits snugly in the front of the toilet with the edges resting over the lip of the bowl.**
- **Lower the toilet seat.**

INSTRUCTION: Show the example urine collection device to the respondent’s parent or guardian and demonstrate which end is the front.

Instruct the parent or guardian to use the washroom in the reception area (the collection device does not fit the toilet in the second washroom).

Answer any questions as thoroughly as possible.

Press <1> to continue.

UC1_R22

To collect the urine, ensure ^RespondentFirstName is sitting on the toilet seat in such a way that the urine stream is collected in the device.

Try to collect as much urine as possible and avoid touching the inside of the collection device.

INSTRUCTION: Press <1> to continue.

UC1_R23

Once ^RespondentFirstName no longer requires your assistance:

- Remove the lid of the container and place it on the shelf in the washroom with the inside facing up.
- Over the toilet, pour the urine from the collection device into the container using the 'spout'.
- Fill the container as full as possible and put the lid back on tightly.
- Discard the collection device in the washroom garbage.
- Please rinse and dry the exterior of the container. Wash your hands, place the container in the paper bag provided and bring it back to me.

INSTRUCTION: Show the parent or guardian the spout used for pouring the urine.

Demonstrate how to remove the lid and pour the urine using the example container.

Ensure the parent or guardian understands what is meant by placing the lid on the shelf "with the inside facing up".

Answer any questions as thoroughly as possible.

Press <1> to continue.

UC1_C30

If SCS_N12 = 4, go to UC1_N40.
Otherwise, go to UC1_R30.

UC1_R30

In case you forget any of the collection procedures, there are step by step instructions posted in the washroom.

INSTRUCTION: Press <1> to continue.

UC1_N40

INSTRUCTION: Record whether the respondent provided a urine sample.

- 1 Yes
 - 2 No (Go to UC1_N70)
- (DK, RF not allowed)

UC1_C42

If SCS_N12 = 4, go to UC1_N42B.
Otherwise, go to UC1_D42A.

UC1_N42B

INSTRUCTION: Enter the urine collection time (Please use a HH:MM format followed by "AM" or "PM").

(MIN: 1)
(MAX: 13)

(DK, RF not allowed)

UC1_D42A

Programmer:

```
IF SCS_N12 = 4,  
  Set UC1_D42A = UC1_N42B  
ELSE  
  IF UC1_N40 = 1 and UC1_D42A = EMPTY,  
    Set UC1_D42A = Current Time (in HH:MM:SS format)  
ENDIF
```

UC1_D42B

Programmer:

Set UC1_D42B = current date

UC1_Q43

In order to complete an accurate analysis of the sample provided, we would like to know how long ago [^RespondentFirstName/you] urinated prior to providing this sample.

INSTRUCTION: Read categories to respondent.

- 1 **Less than 1 hour ago**
 - 2 **1 to 2 hours ago**
 - 3 **More than 2 hours ago**
 - DK
- (RF is not allowed)

UC1_N50

INSTRUCTION: The required urine volume can be found on the urine container label.

Did the respondent provide a urine sample of sufficient volume?

- 1 Yes (Go to UC1_END)
 - 2 No
- (DK, RF not allowed)

UC1_R60

We did not obtain enough urine for the lab to run all the desired tests. I will prepare another urine container so that a second sample can be collected before the end of the clinic visit.

INSTRUCTION: Prepare a second urine container using the label stapled to the inside of the respondent's file folder.

Using a Sharpie, write the number 2 in the upper right hand corner of the label.

Provide the paper bag containing the second labelled urine container to the respondent.

Press <1> to continue.

Go to UC1_END

UC1_N70

INSTRUCTION: Record the reason why the respondent did not provide a urine sample.

- 1 Refusal
 - 2 Unable to provide
 - 3 Other - Specify (Go to UC1_S70)
- (DK, RF not allowed)

Go to UC1_END

UC1_S70

(Record the reason why the respondent did not provide a urine sample.)

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

UC1_END

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Screening Component

Screening Component Introduction (SCI)

SCI_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent SCS_N12: Visit Type (3= clinic visit; 4= home visit)</p>
SCI_D1A	<p>If CON_AGE < 14, DT_SCITEXTE = "Your parent or guardian may need to help you answer some of these questions".</p> <p>Otherwise, DT_SCITEXTE = "EMPTY".</p>
SCI_R1	<p>The following questions are asked to ensure that you are given all the tests for which you are eligible. Some questions may have been asked during the home interview, but we need to ensure that our information is up-to-date. We also need to know if any changes have occurred since the home interview.</p> <p>It is important to note that some medications and physical conditions may exclude you from certain tests.</p> <p>Please answer to the best of your knowledge, as accurate information about you is important. [Your parent or guardian may need to help you answer some of these questions/EMPTY].</p> <p><u>INSTRUCTION</u>: Press <1> to continue.</p>
SCI_D1B Programmer:	<pre>IF SCS_N12 = 4 THEN SCI_D1B = EMPTY ELSE IF SCI_R1 = 1 and SCI_D1B = EMPTY, Set SCI_D1B = Current Time (in HH:MM:SS format) ENDIF</pre>
SCI_END	

Adherence to Guidelines (ATG)

ATG_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier SELFAST: whether selected to fast for 12 hours (1=fasting, 2=non-fasting)</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent SCS_N12: visit type (3= clinic visit; 4= home visit)</p>
ATG_R11	<p>At the time of the home interview, you were given a set of pre-testing guidelines. We will now review those guidelines.</p> <p><u>INSTRUCTION</u>: Press <1> to continue.</p>
ATG_Q11	<p>When did you last eat or drink anything other than water (e.g., coffee, tea, alcohol, juice or flavoured water)?</p> <p><u>INSTRUCTION</u>: Probe to determine what and how much the respondent ate or drank.</p> <p>Enter the time (followed by "AM" or "PM") at which the respondent last ate or drank something that does not meet the <u>phlebotomy</u> fasting requirements.</p> <p>(MIN: 1.00) (MAX: 12.59)</p> <p>(DK, RF not allowed)</p>
Help text:	<p>The respondent is still considered fasted if the following have been consumed within the indicated time-frame:</p> <ul style="list-style-type: none"> • Black coffee - up until the time of the appointment • Coffee with milk/cream - up to 2 hours prior to the appointment • Juice - up to 2 hours prior to the appointment • Gum and candy are allowed - up until the time of the appointment <p>The respondent is not considered fasted if the following have been consumed within the past 10 hours.</p> <ul style="list-style-type: none"> • Liquids other than those indicated above, including <ul style="list-style-type: none"> o Milkshakes o Protein shakes o Meal replacements o Milk o Energy drinks o Any other beverages or supplements

- Any food

ATG_N11

INSTRUCTION: Confirm the date.

- 1 Yesterday
 - 2 Today
- (DK, RF not allowed)

ATG_D11

If ATG_N11 = 1, DT_ATGN11E = "yesterday".
ELSE, DT_ATGN11E = "today".

ATG_C11

If SCS_N12 = 3, go to ATG_D12.
Otherwise, go to ATG_N12.

ATG_N12

INSTRUCTION: Enter the time (followed by "AM" or "PM") the fasting question (ATG_Q11) was asked to the respondent.

(MIN: 1.00)
(MAX: 12.59)

(DK, RF not allowed)

ATG_D12

Content type:

NOTE TO DATA USERS:

Fasting status (10 hr) is determined based on the fasting flag (SELFAST) and the responses to ATG_Q11 and ATG_N11 (if clinic visit) along with ATG_N12 (if home visit). ATG_D12=1 (fasted) and ATG_D12=2 (not fasted).

Programmer:

```

IF SCS_N12 = 3 THEN
  IF SELFAST = 2 THEN
    ATG_D12 = 2
  ELSE IF ATG_N11 = 1 and the difference between CurrentDate-1/ATG_Q11 and
  CurrentDate/CurrentTime is 10 hours or more OR
  ATG_N11 = 2 and difference between CurrentDate/ATG_Q11 and
  CurrentDate/CurrentTime is 10 hours or more THEN
    ATG_D12 = 1
  ELSE
    ATG_D12 = 2
  ENDIF
ENDIF
ELSEIF SCS_N12 = 4 THEN
  IF SELFAST = 2 THEN
    ATG_D12 = 2
  ELSE IF ATG_N11 = 1 and the difference between CurrentDate-1/ATG_Q11 and
  CurrentDate/ATG_N12 is 10 hours or more OR
  ATG_N11 = 2 and difference between CurrentDate/ATG_Q11 and
  CurrentDate/ATG_N12 is 10 hours or more THEN
    ATG_D12 = 1
  ELSE
    ATG_D12 = 2
  ENDIF
ENDIF
ENDIF
    
```

ATG_C14A

If CON_AGE < 6, go to ATG_Q41.
Otherwise, go to ATG_C21.

ATG_C21

If CON_AGE < 12, go to ATG_Q22.
Otherwise, go to ATG_Q21.

- ATG_Q21 **Have you smoked cigarettes or used other tobacco or nicotine products during the past 2 hours?**
- 1 Yes
2 No
(DK, RF not allowed)
- ATG_Q22 **Have you consumed any caffeinated products (e.g., coffee, pop, energy drinks, tea or chocolate) during the past 2 hours?**
- 1 Yes
2 No
(DK, RF not allowed)
- ATG_C31 If CON_AGE < 12, go to ATG_Q41.
Otherwise, go to ATG_Q31.
- ATG_Q31 **Have you consumed any alcohol during the past 6 hours?**
- 1 Yes
2 No
(DK, RF not allowed)
- ATG_Q41 **Have you exercised today for at least ten minutes at a time (e.g., running, moderate or vigorous walking, swimming, weight training)?**
- 1 Yes
2 No (Go to ATG_Q50)
(DK, RF not allowed)
- ATG_Q43 **How long has it been since you last exercised?**
- 1 1 to less than 30 minutes ago
2 30 minutes to less than 1 hour ago
3 1 hour to less than 2 hours ago
4 More than 2 hours ago
(DK, RF not allowed)
- ATG_Q50 **Have you listened to loud music today?**
- INSTRUCTION: Loud music is defined as:
A) A volume above 50% of the maximum volume level for a given audio device; or
B) Volume levels that prevent you from understanding someone speaking in a normal voice an arm's length away.
- 1 Yes
2 No
(DK, RF not allowed)

ATG_Q51

In the past 24 hours, have you been exposed to loud noise without hearing protection? Examples of loud noise include power tools, farm machinery, guns, motorcycle riding at highway speed or any activity where you had to speak in a raised voice to be heard or communicate.

INSTRUCTION: A raised voice is defined as volume of speech between a normal voice and shouting.

- 1 Yes
 - 2 No
- (DK, RF not allowed)

ATG_END

Physical and Health Conditions (PHC)

PHC_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

PHCFLAG: whether or not the menstrual period questions need to be asked

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Date2MonthsAgoE: the date two months ago in English

TwoMonthsAgoDay: the day of the date two months ago

TwoMonthsAgoMonth: the month of the date two months ago

TwoMonthsAgoYear: the year of the date two months ago

Variables from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_SEX: sex of respondent

CON_AGE: age of respondent

PHC_R11

I am now going to ask you about your current health and physical condition.

INSTRUCTION: Press <1> to continue.

PHC_C11A

If CON_SEX = 1, go to PHC_Q41.

Otherwise, go to PHC_C11B.

PHC_C11B

If CON_AGE < 14 or > 59, go to PHC_C13A.

Otherwise, go to PHC_Q11.

PHC_Q11	<p>Are you currently pregnant?</p> <p>1 Yes (Go to PHC_Q12) 2 No DK (RF is not allowed)</p> <p>Go to PHC_C13A</p>
PHC_Q12	<p>In what week are you?</p> <p> _ _ Week (MIN: 1) (MAX: 45)</p> <p>DK, RF</p>
PHC_C13A	<p>If PHCFLAG = 2, go to PHC_Q41. Otherwise, go to PHC_C13B.</p>
Content type:	<p><i>NOTE TO DATA USERS: For cycle 4 PHCFLAG will always be set to 1 (menstrual cycle questions will be asked).</i></p>
PHC_C13B	<p>If (PHC_Q11 = 2 or DK and CON_AGE = 14 to 59) or CON_AGE = 12 or 13, go to PHC_Q13. Otherwise, go to PHC_Q41.</p>
PHC_Q13	<p>Have you had a menstrual period in the past 6 months?</p> <p>1 Yes (Go to PHC_Q14) 2 No DK, RF</p> <p>Go to PHC_Q41</p>
PHC_Q14	<p>Is your menstrual cycle regular? Here, “regular” is defined as having a menstrual period every 20 to 36 days.</p> <p>1 Yes (Go to PHC_Q15) 2 No DK, RF</p> <p>Go to PHC_Q41</p>
PHC_Q15	<p>What is the length of your typical menstrual cycle, that is, from day 1 of the last menstrual period to day 1 of the next?</p> <p><u>INSTRUCTION:</u> A menstrual cycle represents the number of days between two menstruations. Record the duration of the respondent’s typical menstrual cycle in days.</p> <p> _ _ Days (MIN: 1) (MAX: 97)</p> <p>DK, RF</p>

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PHC_B16	Call the Date block. See Appendix I
Content type:	<i>NOTE TO DATA USERS: Hard edits are in place to ensure that data is not recorded if the respondent does not have regular menstrual periods (20-26 days) or has not had a menstrual period in the past 6 months.</i>
Programmer:	<i>Pass "When was the first day of your last menstrual period? INSTRUCTION: If the respondent is unable to indicate the first day of her last menstrual period but is able to estimate the week in which her last menstrual period occurred, then choose the date as being the Monday of that week." as parameter.</i>
PHC_Q41	Do you have any acute conditions, for example a sprained wrist, flu or other infection? An acute condition develops suddenly and is short-term. 1 Yes 2 No (Go to PHC_Q43) (DK, RF not allowed)
PHC_N41	<u>INSTRUCTION:</u> What type(s) of acute condition(s) does the respondent have? Mark all that apply. 1 Bone, joint or muscle problem 2 Flu or other infection 3 Medical procedure (recovery) 4 Other health problem 6 Fever (DK, RF not allowed) Go to PHC_N42
PHC_N42	<u>INSTRUCTION:</u> From which test(s) should the respondent be excluded because of this condition? Probe to determine the seriousness of the condition. Mark all that apply. 05 Activity monitor 06 Spirometry 08 Grip strength 12 None 14 Hearing 15 Skin Pigmentation (DK, RF not allowed)

PHC_Q43

Do you have a chronic condition, for example arthritis, heart condition, multiple sclerosis, or colostomy bag that may prevent you from participating in any of the tests today? A chronic condition develops slowly and is long lasting.

INSTRUCTION: Show the laminated card with pictures of each test to the respondent.

- 1 Yes
 - 2 No (Go to PHC_Q51)
- (DK, RF not allowed)

PHC_N43

INSTRUCTION: What type(s) of chronic condition(s) does the respondent have?

Mark all that apply.

- 1 Bone, joint or muscle problem
 - 2 Cardiovascular condition
 - 3 Respiratory condition
 - 4 Physically impaired
 - 5 Other health problem
- (DK, RF not allowed)

PHC_N44

INSTRUCTION: From which test(s) should the respondent be excluded because of this condition?

Probe to determine the seriousness of the condition.

Mark all that apply.

- 05 Activity monitor
 - 06 Spirometry
 - 08 Grip strength
 - 12 None
 - 14 Hearing
 - 15 Skin Pigmentation
- (DK, RF not allowed)

PHC_Q51

Do you have a clotting condition such as haemophilia or von Willebrand disease?

- 1 Yes
 - 2 No
- (DK, RF not allowed)

PHC_Q52

Have you received chemotherapy in the past four weeks?

- 1 Yes
 - 2 No
- (DK, RF not allowed)

PHC_Q53 **In the past 2 months, that is, from ^Date2MonthsAgoE to today, did you receive a blood transfusion?**

- 1 Yes
- 2 No
- DK, RF

PHC_Q54 **In the past 2 months, did you donate blood?**

- 1 Yes
- 2 No (Go to PHC_Q56)
- DK, RF (Go to PHC_Q56)

Go to PHC_B55

PHC_B55 Call the Date block. See Appendix I

Programmer: Pass "**What was the date when you last donated blood?**" as parameter.

PHC_Q56 **Have you ever felt dizzy or fainted during a blood draw?**

- 1 Yes
- 2 No
- (DK, RF not allowed)

PHC_C57 If CON_AGE < 19, go to PHC_C57B.
Otherwise, go to PHC_Q57A.

PHC_Q57A **Have you ever had a mastectomy?**

INSTRUCTION: A mastectomy involves removal of the breast tissue, the underlying muscle tissue, and lymph nodes of the underarm.

- 1 Yes
- 2 No (Go to PHC_Q58)
- (DK, RF not allowed)

PHC_Q57B **On which side?**

- 1 Right
- 2 Left
- 3 Both
- (DK, RF not allowed)

PHC_C57B If CON_AGE < 6, go to PHC_END.
Otherwise, go to PHC_Q58.

PHC_Q58 **Is your doctor currently prescribing drugs (for example, water pills) for your blood pressure or a heart condition?**

- 1 Yes
- 2 No (Go to PHC_END)
- (DK, RF not allowed)

PHC_Q59

For which condition(s) are you taking the drugs?

INSTRUCTION: Mark all that apply.

- 01 High blood pressure
 - 02 Low blood pressure
 - 03 Angina
 - 04 Previous heart attack
 - 05 Aneurysm
 - 06 Arrhythmia
 - 07 Other heart condition
 - 08 Other medical condition
- DK, RF

PHC_C59

If PHC_Q59 in (7, 8), go to PHC_S59.
Otherwise, go to PHC_END.

PHC_S59

INSTRUCTION: **Specify.**

(80 spaces)

(DK, RF not allowed)

PHC_END

Hearing Restriction (HER)

HER_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

HER_R10

The next set of questions concern your hearing health.

INSTRUCTION: Press <1> to continue.

HER_Q10

When was the last time you had your hearing tested?

INSTRUCTION: A hearing test is conducted to evaluate a person's ability to hear different frequencies of sound, from very high (for example, the highest note on a piano) to very low (for example, the call of an owl). The subject of a hearing test is asked to wear headphones or earphones and then listens to different sounds played in random order. The subject is asked to raise his or her hand or press a button when a sound is played. Depending on surrounding noise levels, a hearing test can be performed in a soundproof booth or in a quiet room.

Read categories to respondent.

- 1 **Less than a year ago**
 - 2 **1 to less than 5 years ago**
 - 3 **5 to less than 10 years ago**
 - 4 **10 or more years ago**
 - 5 **Never** (Go to HER_Q30)
- DK, RF

HER_Q20

Has a health professional ever diagnosed you with a hearing problem?

- 1 Yes
 - 2 No
- DK, RF

HER_Q30

Have you had any surgery performed on the inside of your ear in the past three months?

- 1 Yes
 - 2 No (Go to HER_Q40)
- (DK, RF not allowed)

HER_Q31

On which ear(s)?

- 1 Right
 - 2 Left
 - 3 Both
- (DK, RF not allowed)

HER_Q40

Do you currently have an ear infection or pain in your ear(s)?

- 1 Yes
 - 2 No (Go to HER_Q50)
- (DK, RF not allowed)

HER_Q41

In which ear(s)?

- 1 Right
 - 2 Left
 - 3 Both
- (DK, RF not allowed)

HER_Q50	<p>Do you have a cochlear implant?</p> <p><u>INSTRUCTION:</u> A cochlear implant (bionic ear) is a small, electronic device that is surgically placed (implanted) within the inner ear to help to provide a sense of sound to a person who is profoundly deaf or severely hard-of-hearing.</p> <p>1 Yes 2 No (Go to HER_D52) (DK, RF not allowed)</p>
HER_Q51	<p>In which ear(s)?</p> <p>1 Right 2 Left 3 Both (DK, RF not allowed)</p>
HER_C52	<p>If HER_Q51 = 3, go to HER_END. Otherwise, go to HER_D52.</p>
HER_D52	<p>If HER_Q51 = 1, DT_HER52TEXTE = "Do you have a hearing aid for your left ear?". If HER_Q51 = 2, DT_HER52TEXTE = "Do you have a hearing aid for your right ear?". Otherwise, DT_HER52TEXTE = "Do you have a hearing aid?".</p>
HER_Q52	<p>[Do you have a hearing aid for your left ear?/Do you have a hearing aid for your right ear?/Do you have a hearing aid?]</p> <p>1 Yes 2 No (Go to HER_D54) (DK, RF not allowed)</p>
HER_C53	<p>If HER_Q50 = 2, go to HER_Q53. Otherwise, go to HER_D54.</p>
HER_Q53	<p>In which ear(s)?</p> <p>1 Right 2 Left 3 Both (DK, RF not allowed)</p>
HER_D54 Programmer:	<pre> IF HER_Q53 = 1, HER_D54 = 1 ELSE IF HER_Q53 = 2 HER_D54 = 2 ELSE IF HER_Q53 = 3 HER_D54 = 3 ELSE IF (HER_Q51 = 1 AND HER_Q52 = 1) HER_D54 = 2 ELSE IF (HER_Q51 = 2 AND HER_Q52 = 1) HER_D54 = 1 ENDIF </pre>
HER_END	

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Spirometry Questions (SPQ)

SPQ_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentFirstName: first name of respondent RespondentName: name of respondent GenderE: English text for sex of respondent CON_SEX: sex of respondent CON_AGE: age of respondent</p>
SPQ_C01	<p>If CON_AGE < 6, go to SPQ_END. Otherwise, go to SPQ_C11.</p>
SPQ_C11	<p>If CON_AGE > 12, go to SPQ_R21. Otherwise, go to SPQ_R11.</p>
SPQ_R11	<p>The next set of questions is related to the health of ^RespondentFirstName's lungs.</p> <p><u>INSTRUCTION</u>: Ask the questions of the parent or guardian of the respondent.</p> <p>Press <1> to continue.</p>
SPQ_Q11	<p>Has your child <u>ever</u> had wheezing or whistling in the chest at any time in the past?</p> <p>1 Yes 2 No (Go to SPQ_Q16) (DK, RF not allowed)</p>
SPQ_Q12	<p>Has your child had wheezing or whistling in the chest <u>in the last 12 months</u>?</p> <p>1 Yes 2 No (Go to SPQ_Q16) (DK, RF not allowed)</p>

SPQ_Q13

How many attacks of wheezing has your child had in the last 12 months?

INSTRUCTION: Read categories to the parent or guardian of the respondent.

- 1 **1 to 3 attacks**
- 2 **4 to 12 attacks**
- 3 **More than 12 attacks**

(DK, RF not allowed)

SPQ_Q14

In the last 12 months, how often, on average, has your child's sleep been disturbed due to wheezing?

INSTRUCTION: Read categories to the parent or guardian of the respondent.

- 1 **Never woken with wheezing**
- 2 **Less than one night per week**
- 3 **One or more nights per week**

(DK, RF not allowed)

SPQ_Q15

In the last 12 months, has wheezing ever been severe enough to limit your child's speech to only one or two words at a time between breaths?

- 1 Yes
- 2 No

(DK, RF not allowed)

SPQ_Q16

In the last 12 months, has your child's chest sounded wheezy during or after exercise?

- 1 Yes
- 2 No

(DK, RF not allowed)

SPQ_Q17

In the last 12 months, has your child had a dry cough at night, apart from a cough associated with a cold or a chest infection?

- 1 Yes
- 2 No

(DK, RF not allowed)

Go to SPQ_END

SPQ_R21

The next set of questions is related to the health of your lungs.

INSTRUCTION: Press <1> to continue.

SPQ_Q21

Do you cough regularly?

- 1 Yes
 - 2 No
- (DK, RF not allowed)

SPQ_Q22

Do you cough up phlegm regularly?

- 1 Yes
 - 2 No
- (DK, RF not allowed)

SPQ_Q23

Do even simple chores make you short of breath?

- 1 Yes
 - 2 No
- (DK, RF not allowed)

SPQ_Q24

Do you wheeze when you exert yourself, or at night?

- 1 Yes
 - 2 No
- (DK, RF not allowed)

SPQ_Q25

Do you get frequent colds that persist longer than those of other people you know?

INSTRUCTION: Select "yes" only if respondent meets both conditions (i.e., colds are both frequent and persist longer than those of other people).

- 1 Yes
 - 2 No
- (DK, RF not allowed)

SPQ_END

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Spirometry Restriction (SPR)

SPR_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent</p>
SPR_C11A	If CON_AGE < 6, go to SPR_END. Otherwise, go to SPR_C11B.
SPR_C11B	If PHC_Q11 = 1 and PHC_Q12 = RESPONSE and PHC_Q12 > 27, go to SPR_END. Otherwise, go to SPR_C11C.
SPR_C11C	If PHC_N42 = 6, go to SPR_END. Otherwise, go to SPR_C11D.
SPR_C11D	If PHC_N44 = 6, go to SPR_END. Otherwise, go to SPR_R11.
SPR_R11	<p>I also need to ask a few health related questions to make sure you are able to do the lung function test today.</p> <p><u>INSTRUCTION</u>: Press <1> to continue.</p>
SPR_Q11	<p>Have you had a heart attack within the past 3 months?</p> <p>1 Yes (Go to SPR_END) 2 No (DK, RF not allowed)</p>
SPR_Q12	<p>Have you had major surgery on your chest or abdomen in the past 3 months?</p> <p>1 Yes (Go to SPR_END) 2 No (DK, RF not allowed)</p>

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SPR_Q13

Have you had eye surgery in the past 6 weeks?

- 1 Yes (Go to SPR_END)
 - 2 No
- (DK, RF not allowed)

SPR_END

Medications and Product Confirmation (MEDC)

Overview: *Up to 45 medications (both prescription and non prescription) entered at the household interview will be confirmed at the clinic in MEDC.*

MEDC_BEG

External fields required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

MEU_B11 [i].DV_PIN: Product Identification Number (DIN, DIN-HM, NPN or EN) of the ith prescription medication from the household interview, i = 1 to 45.

MEU_B11 [i].DV_Product_name: Name of the ith prescription medication from the household interview, i = 1 to 45.

MEU_B11 [i].DV_Short_form: Code for the form of ith prescription medication from the household interview, i = 1 to 45 (used to derive dynamic text for take/use).

- 01 = Tablet/pill/capsule
- 02 = Lozenge
- 03 = Chew/gummy
- 04 = Globule
- 05 = Drop
- 06 = Tincture
- 07 = Liquid/solution
- 08 = Suspension
- 09 = Cream/ointment/gel/lotion
- 10 = Packet/sachet
- 11 = Powder
- 12 = Granule
- 13 = Spray/aerosol
- 14 = Patch
- 15 = Kit
- 16 = Suppository
- 50 = Other

MEU_B11 [i].NPI_N05: Indicator of whether there is an ith prescription medication from the household interview, i = 1 to 45.

If MEU_B11 [i].NPI_N05 = 1 or 2, there is an ith prescription medication. Otherwise, there are no more prescription medications

MEU_B25 [j].DV_PIN: Product Identification Number (DIN, DIN-HM, NPN or EN) of the jth over-the-counter or other health product from the household interview, j = 1 to 45.

MEU_B25 [j].DV_Product_name: Name of the jth over-the-counter or health product from the household interview, j = 1 to 45.

MEU_B25[j].DV_Short_form: Code for the form of the jth over-the-counter or health product from the household interview, j = 1 to 45 (used to derive dynamic text for take/use).

- 01 = Tablet/pill/capsule
- 02 = Lozenge
- 03 = Chew/gummy
- 04 = Globule
- 05 = Drop
- 06 = Tincture
- 07 = Liquid/solution
- 08 = Suspension
- 09 = Cream/ointment/gel/lotion
- 10 = Packet/sachet
- 11 = Powder
- 12 = Granule
- 13 = Spray/aerosol
- 14 = Patch
- 15 = Kit
- 16 = Suppository
- 50 = Other

MEU_B25[j].NPI_N05: Indicator of whether there is a jth over-the-counter or other health product from the household interview, j = 1 to 45. If MEU_B25[j].NPI_N05 = 1 or 2, there is a jth over-the-counter or other health product. Otherwise, there are no more over-the-counter or other health products

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place
 CurrentMonth: numeric month during which clinic visit is taking place
 CurrentDay: numeric day during which clinic visit is taking place
 SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent
 GenderE: English text for sex of respondent
 CON_AGE: age of respondent
 CON_SEX: sex of respondent
 ProxySex: gender of selected respondent and whether the interview is being conducted by proxy

MEDC_C100A If MEU_B11[1].NPI_N05 = 1 or 2 or MEU_B25[1].NPI_N05 = 1 or 2 , go to MEDC_D100A.
 Otherwise, go to MEDC_B300.

MEDC_D100A Not Applicable

MEDC_R100 **Now I'd like to confirm your use of prescription and over-the-counter medications and other health products, including natural health products.**

INSTRUCTION: Press <1> to continue.

MEDC_C100B If MEU_B11[n].NPI_N05 = 1 or 2, go to MEDC_C100C.
 Otherwise, go to MEDC_C200A.

MEDC_C100C	If MEU_B11[n].DV_Product_Name = RESPONSE, go to MEDC_D100B. Otherwise, go to MEDC_C100B.
MEDC_D100B	
Programmer:	<pre> IF MEU_B11[n].DV_Short_form = 9, 13,14, 15 or 16 then set DT_TAKE1E = "used" DT_TAKE2E = "using" ELSE DT_TAKE1E = "took" DT_TAKE2E = "taking" ENDIF </pre>
MEDC_B101	Call the Confirm Drug Product (CDP) block
Programmer:	<p>Pass "DT_QuestionE = During the interview in your home, it was reported that you were [using/taking] ADV_PRODUCT_NAME. When was the last time that you [used/took] this medication?" as parameter for the 1st product and every other multiple of 5.</p> <p>Pass "DT_QuestionE = When was the last time that you [used/took] ADV_PRODUCT_NAME?" as parameter for all other products.</p>
MEDC_C200A	If MEU_B25[n].NPI_N05 = 1 or 2, go to MEDC_C200B. Otherwise, go to MEDC_B300.
MEDC_C200B	If MEU_B25[n].DV_PRODUCT_NAME = RESPONSE, go to MEDC_D200. Otherwise, go to MEDC_C200A.
MEDC_D200	
Programmer:	<pre> IF MEU_B25[n].DV_Short_form = 9, 13,14, 15 or 16 then set DT_TAKE1E = "used" DT_TAKE2E = "using" ELSE DT_TAKE1E = "took" DT_TAKE2E = "taking" ENDIF </pre>
MEDC_B201	Call the Confirm Drug Product (CDP) block
Programmer:	<p>Pass "DT_QuestionE = During the interview in your home, it was reported that you were [using/taking] ADV_Product_name. When was the last time that you [used/took] this product?" as parameter for the 1st product and every other multiple of 5.</p> <p>Pass "DT_QuestionE = When was the last time that you [used/took] ADV_Product_name?" as parameter for all other products.</p>
MEDC_B300	Call the Medication Use for clinic (MEUC) block
MEDC_C411A	If CON_AGE < 6, go to MEDC_END. Otherwise, go to MEDC_C411B.
MEDC_C411B	If CON_AGE < 14, go to MEDC_C511. Otherwise, go to MEDC_R411.

MEDC_R411

Now I am going to ask you a question about your use of other substances such as performance enhancing or recreational drugs. We ask this question because these drugs can affect the results of the physical and biological measures that we will be taking today. You can be assured that anything you say will remain confidential and that your answer will not screen you out of any tests.

INSTRUCTION: Press <1> to continue.

MEDC_Q411

In the past week have you used any performance enhancing or recreational drugs such as steroids, marijuana or cocaine?

- 1 Yes
- 2 No
- DK, RF

MEDC_C511

If MEU_B11[1].NPI_N05 = (EMPTY) and MEDC_B300.MEUC_Q02 <> 1 and MEU_B25[1].NPI_N05 = (EMPTY) and MEDC_B300.MEUC_Q22 <> 1, go to MEDC_END. Otherwise, go to MEDC_N611.

MEDC_N611

INSTRUCTION: From which tests should the respondent be excluded because of medication use?

- 1 Spirometry
- 6 None
- (DK, RF not allowed)

Programmer:

*Display a list of the confirmed and new prescription drugs immediately below the question header.
If any drugs are to be displayed, include a title as follows:
Medications currently being taken*

MEDC_END

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Confirm Drug Product (CDP)

CDP_BEG

External variables required:

Proxysex

DT_QuestionE: English question text

DT_TAKE1E: English text for "used/took"

DV_Product_name: Name of product

DV_PIN: Product Identification Number (DIN, DIN-HM, NPN or EN) from NPI block

CDP_Q1

ADT_QUESTIONE

(The response categories are today, yesterday, within the last week, within the last month or more than one month ago.)

- 1 Today
- 2 Yesterday
- 3 Within the last week
- 4 Within the last month
- 5 More than one month ago
- 6 Never [used/took] the product

DK, RF

CDP_END

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Medication use for Clinic (MEUC)

MEUC_BEG	<p>External variables required:</p> <p>Variables from previously completed blocks: PROXYSEX: gender of selected respondent and whether the interview is being conducted by proxy CON_SEX: sex of respondent CON_AGE : age of respondent RespondentFirstname: first name of respondent DV_PIN: Product Identification Number (DIN, DIN-HM, NPN or EN) from NPI block</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> Information on up to 15 new prescription, over-the-counter and other health products, taken or used in the past month is collected in MEUC. First, information (collected in the NPI block) on prescription medications is captured, followed by over-the-counter and other health products. Look-up databases are used to identify the products. Products containing ingredients of particular interest have been pre-flagged on these databases (FollowUpFlag = 1). For these products, additional questions are administered to collect information on the quantity and frequency of use. If more than 15 new medications have been taken during the past month, then the respondent is asked to state the number of additional medications he/she takes.</p>
Programmer:	<p>Set DT_DateLastMonthE = English text of date one month ago.</p>
MEUC_D02A	<p>If any of MEDC_B101[n].CDP_Q1 = 1, 2, 3, 4 or 5, DT_OTHER1 = "other". Otherwise, DT_OTHER1 = "EMPTY".</p>
MEUC_D02B	<p>If CON_SEX = 1 and CON_AGE > 13, DT_MEUTEXT2E = "antibiotics and nicotine patches". Otherwise, if CON_SEX = 2 and CON_AGE > 13, DT_MEUTEXT2E = "antibiotics, nicotine patches and birth control pills, patches or injections". Otherwise, DT_MEUTEXT2E = "antibiotics and asthma medication".</p>
MEUC_Q02	<p>In the past month, that is, from ^DT_DATELASTMONTHE to today, have you taken or used any [other /EMPTY]medications that have been prescribed or administered by a health professional such as a doctor or dentist? This includes such things as insulin, [antibiotics and nicotine patches/antibiotics, nicotine patches and birth control pills, patches or injections/antibiotics and asthma medication].</p> <p><u>INSTRUCTION:</u> This question applies only to medications taken or used within the past month. Medications that have been prescribed but not taken or used within this period of time (e.g., Epi-pen) should not be captured.</p> <p>1 Yes 2 No (Go to MEUC_Q22) DK, RF (Go to MEUC_Q22)</p>

MEUC_B11	Call the New product information (NPI) block
Content type:	<i>NOTE TO DATA USERS: The NPI block is called once for each prescription medication, up to a maximum of 15 times.</i>
MEUC_C11	If the number of products captured is less than 15, go to MEUC_N11. Otherwise, go to MEUC_Q15.
MEUC_N11	INSTRUCTION: Do you have another prescription medication to capture? 1 Yes (Go to MEUC_B11) 2 No (DK is not allowed) RF (Go to MEUC_Q22)
MEUC_Q12	Have you taken or used any other prescription medications in the past month? Please include any prescription creams, injections or patches. 1 Yes (Go to MEUC_B11) 2 No DK, RF Go to MEUC_Q22
Content type:	<i>NOTE TO DATA USERS: MEUC_Q15 to MEUC_Q21 are asked only if more than 15 additional prescription medications have been taken or used in the past month.</i>
MEUC_Q15	How many other prescription medications have you taken or used in the past month? Please include any prescription creams, injections or patches. _ _ (MIN: 0) (MAX: 95) DK, RF
MEUC_D19	If any of MEDC_B201[n].CDP_Q1 = 1, 2, 3, 4, or 5 , DT_OTHER2 = "other". Otherwise, DT_OTHER2 = "EMPTY".

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MEUC_Q20

Have you taken or used any [other/EMPTY]over-the-counter medications or other health products, including natural health products in the past month?

Over-the-counter medications could include such things as pain killers, antacids, allergy pills and hydrocortisone creams. Examples of health products include vitamins, minerals, amino acids, probiotics, fish oils and other oils, herbal remedies and homeopathic preparations.

INSTRUCTION: This question applies only to products taken or used within the past month.

Products that have not been taken or used within this period of time should not be captured.

- 1 Yes (Go to MEUC_Q21)
2 No
DK, RF

Go to MEUC_END

MEUC_Q21

How many [other/EMPTY]over-the-counter medications or other health products have you taken or used in the past month?

|_|_|
(MIN: 1)
(MAX: 95)

DK, RF

Go to MEUC_END

MEUC_Q22

Have you taken or used any [other/EMPTY] over-the-counter medications or other health products, including natural health products, in the past month, that is, from ^DT_DATELASTMONTH to today.

Over-the-counter medications could include such things as pain killers, antacids, allergy pills and hydrocortisone creams. Examples of health products include vitamins, minerals, amino acids, probiotics, fish oils and other oils, herbal remedies and homeopathic preparations.

INSTRUCTION: Has the respondent taken or used any over-the-counter medications or other health products in the past month?

This question applies only to products taken or used within the past month. Products that have not been taken or used within this period of time should not be captured.

- 1 Yes (Go to MEUC_END)
2 No (Go to MEUC_END)
DK, RF (Go to MEUC_END)

MEUC_B25	Call the New Drug Product (NPI) block
Content type:	<i>NOTE TO DATA USERS: The NPI block is called once for each over-the-counter medication or other health product, up to a maximum of 15 products in total (including prescription medications).</i>
MEUC_C26	If the number of products (combined) captured is less than 15, go to MEUC_N26. Otherwise, go to MEUC_Q29.
MEUC_N26	INSTRUCTION: Do you have another over-the-counter medication or health product to capture? 1 Yes (Go to MEUC_B25) 2 No (DK is not allowed) RF (Go to MEUC_END)
MEUC_Q27	Have you taken or used any other over-the-counter medications or health products in the past month? Please include any solutions, powders, creams or pastes. 1 Yes (Go to MEUC_B25) 2 No DK, RF Go to MEUC_END
Content type:	<i>NOTE TO DATA USERS: MEUC_Q29 is asked only if more than 15 additional products in total, including prescription medications, over-the-counter medications and other health products, have been taken or used in the past month.</i>
MEUC_Q29	How many other over-the-counter medications or health products have you taken or used in the past month? Please include any solutions, powders, creams or pastes. _ _ (MIN: 0) (MAX: 95) DK, RF
MEUC_END	

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New Product Information (NPI)

NPL_BEG	<p>External variables required:</p> <p>MEUC_Q22: whether respondent taken or used any over-the-counter medications or health products ProxySex: gender of selected respondent and whether the interview is being conducted by proxy FollowUpFlag: 0 or 1 CON_AGE: age of respondent</p>
NPI_N05	<p><u>INSTRUCTION</u>: Is a product identification number available for the product (e.g., DIN, DIN-HM, NPN, EN)?</p> <p>1 Yes 2 No (Go to NPI_N15) (DK, RF not allowed)</p>
NPI_N07	<p><u>INSTRUCTION</u>: Record the product identification number from the bottle, tube or box. Include all leading zeros.</p> <hr/> <p>(8 spaces)</p> <p>(DK, RF not allowed)</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> A search is performed based on the Product Identification Number. This could be a Drug Identification Number (DIN); Natural Product Number (NPN); Homeopathic Medicine Number (DIN_HM); or Exemption Number (EN).</p>
NPI_C08	<p>If Blaise search does not find an exact match, go to NPI_N11. Otherwise, go to NPI_N08.</p>
NPI_N08	<p><u>INSTRUCTION</u>: Select the correct product.</p> <p>(DK, RF not allowed)</p>
Programmer:	<p>List records with an exact match on PIN as response categories. The default 'Go to' for these responses should be NPI_D25.</p> <p>Please add the response category 'None of the above' as the last response category. The "Go to" for this category should be NPI_N11.</p> <p>Don't know and Refusal are not allowed.</p> <p>Display the following variables: Pk, product_name, product_strength and form.</p>
NPI_N11	<p><u>INSTRUCTION</u>: Is ^NPI_N07 the correct product identification number?</p> <p>1 Yes (Go to NPI_D18A) 2 No (Go to NPI_N05) (DK, RF not allowed)</p>

NPI_N15	<p><u>INSTRUCTION:</u> Why is a product identification number not available for the product?</p> <p>1 Container not available 2 No product identification number (DK, RF not allowed)</p>
NPI_D15	<p>If NPI_N15 = 1 and MEUC_Q22 = EMPTY, DT_NPI15E = "To search for this product I will need some of the following information: - Product name: for example, Accutane, Alesse 21 or Ventolin. - Product form: for example, pill, powder, liquid or cream. - Manufacturer: for example, Roche, Pfizer or GlaxoSmithKline."</p> <p>Else If NPI_N15 = 1 and MEUC_Q22 = RESPONSE , DT_NPI15E = "To search for this product, I will need some of the following information: - Product name: for example, Children's Tylenol® Cold and Cough Nighttime. - Product form: for example, pill, powder, liquid or cream. - Manufacturer: for example, Bayer, Jamieson or Sisu."</p> <p>Otherwise, DT_NPI15E = "EMPTY".</p>
Content type:	<p><i>NOTE TO DATA USERS : If a product identification number is not available, MedSearch can be used to search for the medication.</i></p> <p><i>The MedSearch tool uses a look-up database to search for prescription medications, over-the-counter medications and other health products based on product name, manufacturer, active ingredients, route of administration, form and/or product strength.</i></p>
NPI_Q16	<p>^ADT_NPIN15E</p> <p><u>INSTRUCTION:</u> Use the MedSearch tool to find the product.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK, RF not allowed)</p>
NPI_N17	<p><u>INSTRUCTION:</u> Was an exact product match found?</p> <p>1 Yes 2 No (Go to NPI_D18A) (DK, RF not allowed)</p>
NPI_Q17A	<p>Product identification number: ^DV_PIN Product name: ^DV_PRODUCT_NAME Form: ^DV_FORME Strength: ^ADT_STRENGTH Route of administration: ^ADT_ROUTE</p> <p><u>INSTRUCTION:</u> Confirm whether the information displayed is correct.</p> <p>1 Yes (Go to NPI_D25) 2 No (DK, RF not allowed)</p>

NPI_N17B	<p><u>INSTRUCTION:</u> Do you want to search for the product again?</p> <p>1 Yes (Go to NPI_D15) 2 No (DK, RF not allowed)</p>
NPI_D18A	<p>If MEUC_Q22 = EMPTY, DT_NAMEEXAMPLEE = "For example, Accutane, Alesse 21 or Ventolin.". Otherwise, DT_NAMEEXAMPLEE = "For example, Children's Tylenol® Cold and Cough Nighttime.".</p>
Content type:	<p>NOTE TO DATA USERS: If a product cannot be found in the database search at NPI_N07 or NPI_N17, information about the product is entered at NPI_Q18 to NPI_Q25.</p>
NPI_Q18	<p>(What is the name of this product? [For example, Accutane, Alesse 21 or Ventolin./For example, Children's Tylenol® Cold and Cough Nighttime.])</p> <p><u>INSTRUCTION:</u> Capture the information from the product container, if it is available. Otherwise, ask the respondent to provide the information, as accurately as possible.</p> <hr/> <p>(80 spaces)</p> <p>DK, RF (Go to NPI_END)</p>
NPI_C19	<p>If NPI_N15 = 1, go to NPI_Q20. Otherwise, go to NPI_D19.</p>
NPI_D19	<p>If MEUC_Q22 = EMPTY, DT_COMPANYEXAMPLEE = "For example, Roche, Pfizer, GlaxoSmithKline.". Otherwise, DT_COMPANYEXAMPLEE = "For example, Bayer, Jamieson or Sisu.".</p>
NPI_Q19	<p>What company information is found on the product container? [For example, Roche, Pfizer, GlaxoSmithKline./For example, Bayer, Jamieson or Sisu.]</p> <p><u>INSTRUCTION:</u> Capture all the company names from the product container. This could include: the manufacturer, the importer and/or the company for which this product was manufactured. If there is no company information on the container, enter <Don't know>.</p> <hr/> <p>(80 spaces)</p> <p>DK, RF</p>

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NPI_Q20

(What is the form of this product? For example, is it a pill, powder, liquid or cream?)

INSTRUCTION: Capture the information from the product container, if it is available. Otherwise, ask the respondent to provide the information, as accurately as possible.

Select the product form.

- 01 Tablet / pill / capsule
- 02 Lozenge
- 03 Chew / gummy
- 04 Globule
- 05 Drop
- 06 Tincture
- 07 Liquid / solution
- 08 Suspension
- 09 Cream / ointment / gel / lotion
- 10 Packet / sachet
- 11 Powder
- 12 Granule
- 13 Spray / aerosol
- 14 Patch
- 15 Kit
- 16 Suppository
- 50 Other - Specify (Go to NPI_S20)
- DK, RF

Go to NPI_D20

NPI_S20

(What is the form of this product? For example, is it a pill, powder, liquid or cream?)

INSTRUCTION: Specify.

(80 spaces)

NPI_D20

(DK, RF not allowed)
If NPI_Q20 = 50, DT_FORME = "NPI_S20".
Otherwise, if NPI_Q20 = DK, RF, DT_FORME = "EMPTY".
Otherwise, DT_FORME = "English text of category selected at NPI_Q20".

NPI_Q21

(What is the strength of this product, for example, 250mg, 1%, 1000 international units?)

INSTRUCTION: Capture the information from the product container, if it is available. Otherwise, ask the respondent to provide the information, as accurately as possible.

(80 spaces)

DK, RF

NPI_Q22

(How is this product administered? For example, is it inhaled, swallowed, dissolved beneath the tongue or applied to the skin?)

INSTRUCTION: Capture the information from the product container, if it is available. Otherwise, ask the respondent to provide the information as accurately as possible.

Select the route of administration of the product.

- 01 Oral
- 02 Sublingual (under tongue)
- 03 Buccal (inside of cheek)
- 04 Dental (teeth or gums)
- 05 By inhalation
- 06 Nasal (nose)
- 07 Ophthalmic (eyeball)
- 08 Ofic (ear)
- 09 Topical (applied to skin)
- 10 Transdermal (absorbed through skin)
- 11 By injection
- 12 Rectal
- 13 Vaginal
- 50 Other - Specify (Go to NPI_S22)
- DK, RF

Go to NPI_D25

NPI_S22

(How is this product administered? For example, is it inhaled, swallowed, dissolved beneath the tongue or applied to the skin?)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

Go to NPI_D25

NPI_D25	<p>If DV_Short_form = 9, 13,14, 15 or 16 then set; DT_TAKE1E = "used". Else, DT_TAKE1E = "took". If DV_Short_form = 9, 13,14, 15 or 16 then set; DT_TAKE2E = "using". Else, DT_TAKE2E = "taking". If DV_Short_form = 9, 13,14, 15 or 16 then set; DT_TAKE3E = "use". Else, DT_TAKE3E = "take".</p>
NPI_Q25	<p>When was the last time that you [used/took] this product? (The response categories are today, yesterday, within the last week or within the last month.)</p> <p>1 Today 2 Yesterday 3 Within the last week 4 Within the last month 5 More than one month ago (Go to NPI_END) DK, RF (Go to NPI_END)</p>
NPI_C25	<p>If FollowUpFlag = 1 (administer follow-up questions), go to NPI_D26. Otherwise, go to NPI_END.</p>
Content type:	<p><i>NOTE TO DATA USERS: The next questions are only asked for products found on the look-up database that contain ingredients of particular interest.</i></p>
NPI_D26	
Content type:	<p><i>NOTE TO DATA USERS: DT_NPC_TEXT1E is created and passed to NPC. This text string contains examples of possible units of measure based on the form of the product.</i></p>
NPI_B26	<p>Call the New Product Information – Call block (NPC).</p>
Programmer:	<p><i>Pass DT_NPC_TEXT1E, DT_NPC_TEXT1E and available choices for NPC_N12) as a parameter.</i></p>
NPI_D59	<p>If MEUC_Q22 = 1, DT_SPRODE = "this or a similar product". Otherwise, DT_SPRODE = "this product".</p>
NPI_D60	<p>If NPI_Q25 = 1 or 2, DT_NPITEXT5E = "For how long have you been [using/taking] [this or a similar product/this product]? (^DV_PRODUCT_NAME)". Otherwise, DT_NPITEXT5E = "For how long did you ^DT_TAKE3E [this or a similar product/this product]? (^DV_PRODUCT_NAME)".</p>
NPI_D62	<p>If MEUC_Q22 = EMPTY, DT_NPITEXT7E = "Consider a change in prescription (e.g., a change in medication company or dosage) to be a stop in medication use.</p> <p>Do not consider a short break in the use of prescribed medication (e.g., temporarily ran out of medication or forgot to take a dose) to be a stop in medication use.</p> <p>For prescription medication used on an as-needed basis (e.g., medicated cream for a reoccurring condition), only include the period when it was last used." Otherwise, DT_NPITEXT7E = "A similar product could be a different company name (e.g., Jamieson Vitamin C® vs. Flintstones Vitamin C®) or a different form (e.g., tablet vs. liquid).</p> <p>Do not consider a short break in the use of a product (e.g., temporarily</p>

ran out of a vitamin supplement or forgot to take a dose) to be a stop in product use.

For over-the-counter medication used on an as-needed basis (e.g., medication for a cold or headache), only include the period when it was last used ".

NPI_Q63

[For how long have you been [using/taking] [this or a similar product/this product]?/For how long did you [use/take] [this or a similar product/this product]?] (^ADV_PRODUCT_NAME)

(If you stopped [using/taking] it at some point, only include the most recent period of use.)

INSTRUCTION: Enter time only.

^DT_NPITEXT7E

(MIN: 0)
(MAX: 500)

DK (Go to NPI_Q65)
RF (Go to NPI_END)

NPI_N64

INSTRUCTION: Select the reporting period.

1 Days
2 Weeks
3 Months
4 Years
(DK, RF not allowed)

NPI_Q65

In the past month, on how many days did you [use/take] this product (^DT_PRODUCT_NAME)?

INSTRUCTION: Enter number of days.

If the medication was used every day for the past month, enter "31".

|_|_|
(MIN: 1)
(MAX: 31)

DK, RF

NPI_END

New Product Information – Call block (NPC)

NPC_BEG

External variables required:

DT_NPC_TEXT1E: example text in English
 DV_PRODUCT_NAME: product name
 DT_Take1E: English text fill for "used/took"
 DT_Take3E: English text fill for "use/take"

NPC_Q10

On the days that you [used/took] this product, how many times did you usually [use/take] it in a single day?

INSTRUCTION: Record the number of times per day.

|_|_|_|
 (MIN: 1)
 (MAX: 100)

DK, RF (Go to NPC_END)

NPC_Q11

How much did you usually [use/take] each time you [used/took] it?

INSTRUCTION: Enter the quantity only.

(MIN: 0.01)
 (MAX: 99,995.00)

DK, RF (Go to NPC_END)

NPC_D11A

If NPC_Q10 = 1, DT_TIMESE = "time".
 Otherwise, DT_TIMESE = "times".

NPC_N12

INSTRUCTION: Select the unit of measure.

- 01 Tablets / pills / capsules
- 02 Lozenges
- 03 Chews / gummies
- 04 Millilitres (mL)
- 05 Milligrams (mg)
- 06 Grams (g)
- 07 Tablespoons (Tbsp)
- 08 Teaspoons (tsp)
- 09 Capsuls
- 10 Scoops
- 11 Packets / sachets
- 12 Drops
- 13 Sprays
- 14 Doses
- 15 Vials
- 16 Units

50 Other - Specify (Go to NPC_S12)
 DK, RF (Go to NPC_END)

Go to NPC_D12

NPC_S12 (Select the unit of measure.)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

NPC_D12

If NPC_N12 = 01, DT_UNITE = "tablet(s)".
 If NPC_N12 = 02, DT_UNITE = "lozenge(s)".
 If NPC_N12 = 03, DT_UNITE = "chew(s)".
 If NPC_N12 = 04, DT_UNITE = "millilitre(s)".
 If NPC_N12 = 05, DT_UNITE = "milligram(s)".
 If NPC_N12 = 06, DT_UNITE = "gram(s)".
 If NPC_N12 = 07, DT_UNITE = "tablespoon(s)".
 If NPC_N12 = 08, DT_UNITE = "teaspoon(s)".
 If NPC_N12 = 09, DT_UNITE = "capful(s)".
 If NPC_N12 = 10, DT_UNITE = "scoop(s)".
 If NPC_N12 = 11, DT_UNITE = "packet(s)".
 If NPC_N12 = 12, DT_UNITE = "drop(s)".
 If NPC_N12 = 13, DT_UNITE = "spray(s)".
 If NPC_N12 = 14, DT_UNITE = "dose(s)".
 If NPC_N12 = 15, DT_UNITE = "vial(s)".
 If NPC_N12 = 16, DT_UNITE = "unit(s)".
 If NPC_N12 = 50, DT_UNITE = "^NPC_S12".

NPC_Q14

So you [used/took] ^NPC_Q11 ^DT_UNITE ^NPC_Q10 [time/times] each day you [used/took] this product (^ADV_PRODUCT_NAME). Is that correct?

- 1 Yes
- 2 No

(Go to NPC_Q10)

(DK, RF not allowed)

NPC_END

FOR INFORMATION ONLY

Other Reason for Screening Out (ORS)

ORS_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent</p>
ORS_Q1	<p>Other than what you have already mentioned, are there <u>any other reasons</u> you should not participate in one or more of the physical tests?</p> <p>1 Yes 2 No DK, RF</p>
ORS_C1	<p>If CON_AGE < 6, go to ORS_N7. Otherwise, go to ORS_N1.</p>
ORS_N1	<p><u>INSTRUCTION</u>: Is there any other reason why the respondent should not perform the Grip Strength test?</p> <p>1 Yes 2 No (Go to ORS_N2) (DK, RF not allowed)</p>
ORS_S1	<p><u>INSTRUCTION</u>: Specify the reason.</p> <hr/> <p>(80 spaces) (DK, RF not allowed)</p>
ORS_N2	<p><u>INSTRUCTION</u>: Is there any other reason why the respondent should not perform the Spirometry test?</p> <p>1 Yes 2 No (Go to ORS_N7) (DK, RF not allowed)</p>

FOR INFORMATION ONLY

ORS_S2

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

ORS_N7

INSTRUCTION: Is there any other reason why the respondent should not perform the Hearing tests?

1 Yes

2 No

(Go to ORS_N8)

(DK, RF not allowed)

ORS_S7

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

ORS_N8

INSTRUCTION: Is there any other reason why the respondent should not perform the skin pigmentation measurements?

1 Yes

2 No

(Go to ORS_END)

(DK, RF not allowed)

ORS_S8

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

ORS_END

FOR INFORMATION ONLY

Water Analysis Questions Component (WAQ)

WAQ_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID:8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place RespondentName:name of respondent GenderE:English text for sex of respondent</p> <p>Variables from previously completed blocks: BVOCFLG: tap water subsampling flag (blood) UFLUFLG: tap water subsampling flag (urine) SCS_N12: Visit type (3= clinic visit; 4= home visit) RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent</p>
WAQ_D01	<p>If BVOCFLG=1 and UFLUFLG=1, DT_WAQTEXT1E = "blood and urine". If BVOCFLG=1 and UFLUFLG=2, DT_WAQTEXT1E = "blood". If BVOCFLG=2 and UFLUFLG=1, DT_WAQTEXT1E = "urine".</p>
WAQ_R01	<p>Now I am going to ask you some questions about behaviours and habits to help us better understand your [blood and urine/blood/urine] test results. These questions are related to your household tap water analysis.</p> <p><u>INSTRUCTION</u>: Press <1> to continue.</p>
Programmer:	<p>Allow 'DK' as a response category.</p>
WAQ_C01	<p>If WAQ_R01 = DK, go to WAQ_N60. Otherwise, go to WAQ_D02.</p>
WAQ_D02 Programmer:	<pre>IF SCS_N12 = 4 THEN WAQ_D02 = EMPTY ELSE IF WAQ_R01 = 1 and WAQ_D02 = EMPTY, Set WAQ_D02 = Current Time (in HH:MM:SS format) ENDIF</pre>
WAQ_C02	<p>If BVOCFLG = 1, go to WAQ_Q02. Otherwise, go to WAQ_C04A.</p>

WAQ_Q02

When did you last spend time in a swimming pool, in a hot tub, or in a steam room?

INSTRUCTION: Include steam rooms but do not include saunas. Steam rooms contain hot mist created by a steam generator, and are made of materials such as ceramic tile that can contain the moisture. The humidity in a steam room can build to almost 100%. Saunas use dry heat (stones placed on some kind of heater) and are usually wood-lined with wood benches. Although steam may be produced by pouring water on the stones, the steam in a sauna quickly dissipates. Saunas are maintained at a much higher temperature than steam rooms.

Read categories to respondent.

- 1 **Less than 6 hours ago**
- 2 **6 to less than 12 hours ago**
- 3 **12 to less than 24 hours ago**
- 4 **24 or more hours ago**

DK, RF

WAQ_Q03

When did you last take a hot shower, for 5 minutes or longer, or a hot bath, for twenty minutes or longer?

INSTRUCTION: Include warm baths or showers, but do not include cold baths or showers.

- 1 Less than 6 hours ago
- 2 6 to less than 12 hours ago
- 3 12 to less than 24 hours ago
- 4 24 or more hours ago

DK, RF

WAQ_C04A

If UFLUFLG=1, go to WAQ_C04B.
Otherwise, go to WAQ_END.

WAQ_C04B

If CON_AGE < 6, go to WAQ_Q08.
Otherwise, go to WAQ_Q04.

WAQ_Q04

How often do you drink black, white or green tea? Examples of black tea include Orange Pekoe, Earl Grey and English Breakfast. Please do not include herbal teas.

INSTRUCTION: Include decaffeinated tea. Include iced tea if it was made from hot steeped black, white or green tea (in tea bags or in loose leaf form). Do not include pre-prepared powdered, bottled or canned iced tea.

Enter frequency only.

|_|_|_| Times
(MIN: 0)
(MAX: 365)

DK, RF

(Go to WAQ_Q08)

WAQ_C05

If WAQ_Q04=0, go to WAQ_Q08.
Otherwise, go to WAQ_N05A.

WAQ_N05A

INSTRUCTION: Select the reporting period.

- 1 Per day
 - 2 Per week
 - 3 Per month
 - 4 Per year
- (DK, RF not allowed)

WAQ_Q06

When you drink black, white or green tea, how much do you usually drink in cups? A cup is equivalent to the size of a measuring cup: 250ml or 8oz.

INSTRUCTION: Read categories to respondent.

- 1 **Less than 1 cup**
 - 2 **1 to less than 2 cups**
 - 3 **2 or more cups**
- DK, RF

WAQ_Q07

When did you last drink black, white or green tea?

INSTRUCTION: Read categories to respondent.

- 1 **Less than 6 hours ago**
 - 2 **6 to less than 12 hours ago**
 - 3 **12 to less than 24 hours ago**
 - 4 **24 or more hours ago**
- DK, RF

WAQ_Q08

When did you last receive fluoride treatments at the dentist?

INSTRUCTION: A fluoride treatment may take the form of a rinse, varnish, gel or foam. Varnishes are painted on the teeth; foams are put into a mouth guard, which is applied to the teeth for 1 to 4 minutes; gels can be painted on or applied via a mouth guard.

After a fluoride treatment, the patient is asked to refrain from eating, drinking and smoking for 30 minutes.

Read answer categories to respondent.

- 1 **Less than 3 months ago**
 - 2 **3 to less than 6 months ago**
 - 3 **6 to less than 9 months ago**
 - 4 **9 to less than 12 months ago**
 - 5 **12 or more months ago**
 - 6 **Never**
- DK, RF

WAQ_Q09

Do you use fluoride-containing products at home, such as toothpaste, mouthwash, or 24-hour fluoride treatment?

- 1 Yes
 - 2 No (Go to WAQ_END)
- DK, RF (Go to WAQ_END)

WAQ_Q10

When was the last time you used one of these products?

INSTRUCTION: Read categories to respondent.

- 1 **Less than 6 hours ago**
 - 2 **6 to less than 12 hours ago**
 - 3 **12 to less than 24 hours ago**
 - 4 **24 or more hours ago**
- DK, RF

Go to WAQ_END

WAQ_N60

INSTRUCTION: Why was the component not fully completed?

- 01 Respondent unable to continue for health reasons
- 06 No time
- 20 Other – Specify (Go to WAQ_S60)

(DK, RF not allowed)

Go to WAQ_END

WAQ_S60

(Why was the component not fully completed?)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

WAQ_END

Fish and Shellfish Consumption Component

Fish and Shellfish Consumption (FSF)

FSF_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

DateLastMonthE: English text of month of date one month before the clinic visit

Variables from previously completed blocks:

RespondentName: name of respondent

CON_SEX: sex of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

SCS_N12: Visit type (3= clinic visit; 4= home visit)

FSF_R10

Now a few questions about your consumption of shellfish over the past month. Think about all the shellfish you ate, both meals and snacks, at home and away from home. Include fresh, frozen and canned shellfish.

INSTRUCTION: Press <1> to continue.

Programmer:

Allow 'DK' as a response category.

FSF_C10

If FSF_R10 = DK, go to FSF_N70.
Otherwise, go to FSF_D10.

FSF_D10

Programmer:

```
IF SCS_N12 = 4 THEN
  FSF_D10 = EMPTY
ELSE
  IF FSF_R10 = 1 and FSF_D10 = "EMPTY" THEN
    SET FSF_D10 = Current Time (in HH:MM:SS format)
  ENDIF
```

FSF_Q10

Have you eaten any of the following shellfish over the past month, that is, from ^DateLastMonthE to today?

INSTRUCTION: The term "shellfish" refers to a type of mollusc/crustacean. It does not include "saltwater fish" which are covered in the next question.

Read categories to respondent. Mark all that apply.

- 01 **Lobster**
- 02 **Shrimp**
- 03 **Mussels**
- 04 **Scallops**
- 05 **Oysters**
- 06 **Squid or calamari**
- 07 **Clams**
- 08 **Crab**
- 09 **Surimi or imitation crab**
- 10 **Any other shellfish** (Go to FSF_S10V)
- 11 No shellfish
- DK
- RF (Go to FSF_END)

Go to FSF_C11

FSF_S10V

What other shellfish did you consume?

INSTRUCTION: Enter one shellfish only.

(80 spaces)

DK, RF (Go to FSF_C11)

FSF_Q10X **Over the past month, did you consume any other shellfish?**

- 1 Yes
- 2 No (Go to FSF_C11)
- DK, RF (Go to FSF_C11)

FSF_S10X **What other shellfish did you consume?**

INSTRUCTION: Enter one shellfish only.

(80 spaces)

DK, RF (Go to FSF_C11)

FSF_Q10Y **Over the past month, did you consume any other shellfish?**

- 1 Yes
- 2 No (Go to FSF_C11)
- DK, RF (Go to FSF_C11)

FSF_S10Y **What other shellfish did you consume?**

INSTRUCTION: Enter one shellfish only.

(80 spaces)

DK, RF

FSF_C11 If FSF_Q10 = N or DK, go to FSF_R24.
Otherwise, go to FSF_C12.

FSF_C12 If FSF_Q10 = 1, go to FSF_B12.
Otherwise, go to FSF_C13.

Content type: *NOTE TO DATA USERS:
For each shellfish identified at FSF_Q10, the Detail Fish and Shellfish block is called to quantify the number of times the shellfish was consumed in the past month. This block will also be called up to 3 times for any other shellfish that is specified at FSF_S10V, FSF_S10X, and FSF_S10Y.*

FSF_B12 Call the Detail Fish and Shellfish (DFS) block.

Programmer: Pass DT_QuestionE = **"lobster"** as parameter.

FSF_C13 If FSF_Q10 = 2, go to FSF_B13.
Otherwise, go to FSF_C14.

FSF_B13 Call the Detail Fish and Shellfish (DFS) block.

Programmer: Pass DT_QuestionE = **"shrimp"** as parameter.

FSF_C14 If FSF_Q10 = 3, go to FSF_B14.
Otherwise, go to FSF_C15.

FSF_B14 Call the Detail Fish and Shellfish (DFS) block.

Programmer: Pass DT_QuestionE = **"mussels"** as parameter.

FSF_C15	If FSF_Q10 = 4, go to FSF_B15. Otherwise, go to FSF_C16.
FSF_B15	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " scallops " as parameter.
FSF_C16	If FSF_Q10 = 5, go to FSF_B16. Otherwise, go to FSF_C17.
FSF_B16	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " oysters " as parameter.
FSF_C17	If FSF_Q10 = 6, go to FSF_B17. Otherwise, go to FSF_C18.
FSF_B17	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " squid or calamari " as parameter.
FSF_C18	If FSF_Q10 = 7, go to FSF_B18. Otherwise, go to FSF_C19.
FSF_B18	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " clams " as parameter.
FSF_C19	If FSF_Q10 = 8, go to FSF_B19. Otherwise, go to FSF_C20.
FSF_B19	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " crab " as parameter.
FSF_C20	If FSF_Q10 = 9, go to FSF_B20. Otherwise, go to FSF_C21.
FSF_B20	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " surimi or imitation crab " as parameter.
FSF_C21	If FSF_S10V = RESPONSE and <> DK, RF, go to FSF_B21. Otherwise, go to FSF_C22.
FSF_B21	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " ^FSF_S10V " as parameter.
FSF_C22	If FSF_S10X = RESPONSE and <> DK, RF, go to FSF_B22. Otherwise, go to FSF_C23.
FSF_B22	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " ^FSF_S10X " as parameter.
FSF_C23	If FSF_S10Y = RESPONSE and <> DK,RF, go to FSF_B23. Otherwise, go to FSF_R24.

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FSF_B23

Call the Detail Fish and Shellfish (DFS) block.

Programmer:

Pass DT_QuestionE = "AFSF_S10Y" as parameter.

FSF_R24

Now, think about all salt and freshwater fish you ate, both meals and snacks, at home and away from home. Include fresh, frozen and canned fish of all types, as well as the fish in fish and chips.

INSTRUCTION: Press <1> to continue.

FSF_Q24

Have you eaten any of the following fish over the past month, that is, from ^DateLastMonthE to today?

INSTRUCTION: The term "saltwater fish" does not include "shellfish", which were asked about in the previous question.

If respondent is unsure of the type of cod they have eaten, choose "Atlantic cod".

Read categories to respondent. Mark all that apply.

- 01 **Fish Sticks**
 - 02 **Tuna in a can or pouch**
 - 03 **Tuna (fresh or frozen)**
 - 04 **Salmon in a can or pouch**
 - 05 **Salmon - fresh, frozen or smoked**
 - 06 **Smelt**
 - 07 **Shark**
 - 08 **Marlin**
 - 09 **Swordfish**
 - 10 **Halibut**
 - 11 **Rainbow Trout**
 - 12 **Atlantic cod**
 - 13 **Mackerel**
 - 14 **Herring**
 - 15 **Sardines**
 - 16 **Sole, flounder or plaice**
 - 17 **Haddock**
 - 18 **Tilapia**
 - 19 **Any other fish** (Go to FSF_S24V)
 - 20 No fish
 - 21 **Sablefish or black cod**
- DK, RF

Go to FSF_C24A

FSF_S24V

What other fish did you consume?

INSTRUCTION: Enter one type of fish only.

(80 spaces)

DK, RF

(Go to FSF_C24A)

FSF_Q24X

In the past month, did you consume any other fish?

- 1 Yes
- 2 No (Go to FSF_C24A)
- DK, RF (Go to FSF_C24A)

FSF_S24X

What other fish did you consume?

INSTRUCTION: Enter one type of fish only.

(80 spaces)

DK, RF (Go to FSF_C24A)

FSF_Q24Y

In the past month, did you consume any other fish?

- 1 Yes
- 2 No (Go to FSF_C24A)
- DK, RF (Go to FSF_C24A)

FSF_S24Y

What other fish did you consume?

INSTRUCTION: Enter one type of fish only.

(80 spaces)

DK, RF

FSF_C24A

If FSF_Q24 = 20, DK or RF, go to FSF_END.
Otherwise, go to FSF_C24.

FSF_C24

If FSF_Q24 = 1, go to FSF_B24.
Otherwise, go to FSF_C25A.

Content type:

NOTE TO DATA USERS:
For each fish identified at FSF_Q24, the Detail Fish and Shellfish block is called to quantify the number of times the fish was consumed in the past month. This block will also be called up to 3 times for any other fish that is specified at FSF_S24V, FSF_S24X, and FSF_S24Y.

FSF_B24

Call the Detail Fish and Shellfish (DFS) block.

Programmer:

Pass DT_QuestionE = "**fish sticks**" as parameter.

FSF_C25A

If FSF_Q24 = 2, go to FSF_Q25.
Otherwise, go to FSF_C26.

FSF_Q25

Over the past month, when you ate tuna in a can or pouch, was it:

INSTRUCTION: Read categories to respondent.

- 1 **...light (flaked or chunk) tuna?**
- 2 **...white (solid) tuna?** (Go to FSF_C25B)
- 3 **...both?**
- DK, RF (Go to FSF_C25C)

FSF_B25A	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "light (flaked or chunk) tuna in a can or pouch" as parameter.</i>
FSF_C25B	If FSF_Q25 = 2 or 3, go to FSF_B25B. Otherwise, go to FSF_C25C.
FSF_B25B	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "white (solid) tuna in a can or pouch" as parameter.</i>
FSF_C25C	If FSF_Q25 = DK or RF, go to FSF_B25C. Otherwise, go to FSF_C26.
FSF_B25C	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "tuna in a can or pouch" as parameter.</i>
FSF_C26	If FSF_Q24 = 3, go to FSF_B26. Otherwise, go to FSF_C27.
FSF_B26	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "tuna (fresh or frozen)" as parameter.</i>
FSF_C27	If FSF_Q24 = 4, go to FSF_B27. Otherwise, go to FSF_C28.
FSF_B27	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "salmon in a can or pouch" as parameter.</i>
FSF_C28	If FSF_Q24 = 5, go to FSF_B28. Otherwise, go to FSF_C29.
FSF_B28	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "salmon - fresh, frozen or smoked" as parameter.</i>
FSF_C29	If FSF_Q24 = 6, go to FSF_B29. Otherwise, go to FSF_C30.
FSF_B29	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "smelt" as parameter.</i>
FSF_C30	If FSF_Q24 = 7, go to FSF_B30. Otherwise, go to FSF_C31.
FSF_B30	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "shark" as parameter.</i>
FSF_C31	If FSF_Q24 = 8, go to FSF_B31. Otherwise, go to FSF_C32.
FSF_B31	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	<i>Pass DT_QuestionE = "marlin" as parameter.</i>

FSF_C32	If FSF_Q24 = 9, go to FSF_B32. Otherwise, go to FSF_C33.
FSF_B32	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " swordfish " as parameter.
FSF_C33	If FSF_Q24 = 10, go to FSF_B33. Otherwise, go to FSF_C34.
FSF_B33	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " halibut " as parameter.
FSF_C34	If FSF_Q24 = 11, go to FSF_B34. Otherwise, go to FSF_C35.
FSF_B34	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " rainbow trout " as parameter.
FSF_C35	If FSF_Q24 = 12, go to FSF_B35. Otherwise, go to FSF_C36.
FSF_B35	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " Atlantic cod " as parameter.
FSF_C36	If FSF_Q24 = 13, go to FSF_B36. Otherwise, go to FSF_C37.
FSF_B36	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " mackerel " as parameter.
FSF_C37	If FSF_Q24 = 14, go to FSF_B37. Otherwise, go to FSF_C38.
FSF_B37	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " herring " as parameter.
FSF_C38	If FSF_Q24 = 15, go to FSF_B38. Otherwise, go to FSF_C39.
FSF_B38	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " sardines " as parameter.
FSF_C39	If FSF_Q24 = 16, go to FSF_B39. Otherwise, go to FSF_C40.
FSF_B39	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " sole, flounder or plaice " as parameter.
FSF_C40	If FSF_Q24 = 17, go to FSF_B40. Otherwise, go to FSF_C41.

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FSF_B40	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " haddock " as parameter.
FSF_C41	If FSF_Q24 = 18, go to FSF_B41. Otherwise, go to FSF_C41B.
FSF_B41	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " filapia " as parameter.
FSF_C41B	If FSF_Q24 = 21, go to FSF_B41B. Otherwise, go to FSF_C42.
FSF_B41B	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " sablefish or black cod " as parameter.
FSF_C42	If FSF_S24V = RESPONSE and <> DK,RF, go to FSF_B42. Otherwise, go to FSF_C43.
FSF_B42	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " ^FSF_S24V " as parameter.
FSF_C43	If FSF_S24X = RESPONSE and <> DK,RF, go to FSF_B43. Otherwise, go to FSF_C44.
FSF_B43	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " ^FSF_S24X " as parameter.
FSF_C44	If FSF_S24Y = RESPONSE and <> DK,RF, go to FSF_B44. Otherwise, go to FSF_END.
FSF_B44	Call the Detail Fish and Shellfish (DFS) block.
Programmer:	Pass DT_QuestionE = " ^FSF_S24Y " as parameter.
FSF_C69	If 1 = 1, go to FSF_END. Otherwise, go to FSF_END.
FSF_N70	<u>INSTRUCTION</u> : Why was the component not fully completed? 01 Respondent unable to continue for health reasons 06 No time 20 Other - Specify (DK, RF not allowed) Go to FSF_END

FSF_S70 (Why was the component not fully completed?)

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

FSF_END

Detail Fish and Shellfish (DFS)

DFS_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

CON_SEX: sex of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

DT_QuestionE: English question text

DFS_Q11

Over the past month, how many times did you eat:

... ^DT_QUESTIONE?

|_|_| Times

(MIN: 1)

(MAX: 95)

DK, RF

(Go to DFS_END)

DFS_N11

INSTRUCTION: Select the reporting period.

1 Per month

2 Per week

3 Per day

(DK, RF not allowed)

DFS_END

Noise Exposure Component

Noise Exposure Component Introduction (HCI)

HCI_BEG	<p>List external fields required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID:8 digit respondent identifier CON_AGE:age of respondent</p> <p>Variables assigned in Variable Creation CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place RespondentName:name of respondent GenderE:English text for sex of respondent</p> <p>Variables from previously completed blocks: RespondentName: Name of respondent CON_AGE: age of respondent HER_Q41: Whether respondent has ear infection HER_Q51: Whether respondent has cochlear implant PHC_N42: Whether the respondent should be excluded from the block because of an acute condition PHC_N44: Whether the respondent should be excluded from the block because of an chronic condition ORS_N7:Whether the respondent should be excluded from the block for a other reason SCS_N12: visit type (3= clinic visit; 4= home visit)</p>
HCI_D01	<p>If PHC_N42 = 14 or PHC_N44 = 14 or HER_Q41 = 3 or HER_Q50 = 1 or ORS_N7 = 1 or SCS_N12 = 4, DT_HCITEXT1E = "EMPTY" Otherwise, DT_HCITEXT1E = "This information will help us better understand the results from your hearing tests."</p>
HCI_R01	<p>Now we are going to ask you questions about your day-to-day hearing health and your exposure to noise. (EMPTY/ This information will help us better understand the results from your hearing tests.)</p> <p><u>INSTRUCTION:</u> Press <1> to continue.</p>
Programmer:	<p>Allow 'DK' as a response category.</p> <p>If HCI_R01 = DK, go to HCI_END. Otherwise, go to HCI_D02.</p>
HCI_D02 Programmer:	<pre>IF SCS_N12 = 4 THEN HCI_D02 = EMPTY ELSE IF HCI_R01 = 1 and HCI_D02 = "EMPTY" THEN SET HCI_D02 = Current Time (in HH:MM:SS format) ENDIF</pre>
HCI_END	

Hearing Ability (HAB)

HAB_BEG	<p>List external fields required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent CON_AGE: age of respondent CON_SEX: sex of respondent GenderE: English text for sex of respondent HER_Q52: whether respondent has a hearing aid HCI_R01: hearing questionnaire introduction</p>
HAB_C05	If HCI_R01 = DK, go to HAB_END.
HAB_D07	Otherwise, go to HAB_D07.
HAB_Q07	<p>If HER_Q52 = 1, DT_HETEXT1E = "without a hearing aid". Otherwise, DT_HETEXT1E = "EMPTY".</p> <p>Are you usually able to hear what is said in a group conversation with at least 3 other people [without a hearing aid/EMPTY]?</p> <p>1 Yes (Go to HAB_END) 2 No DK, RF (Go to HAB_END)</p>
HAB_C08	If HER_Q52=1, go to HAB_Q08.
HAB_Q08	<p>Otherwise, go to HAB_Q09.</p> <p>Are you usually able to hear what is said in a group conversation with at least 3 other people with a hearing aid?</p> <p>1 Yes (Go to HAB_Q10) 2 No DK, RF</p>
HAB_Q09	<p>Are you able to hear at all?</p> <p>1 Yes 2 No (Go to HAB_END) DK, RF (Go to HAB_END)</p>
HAB_Q10	<p>Are you usually able to hear what is said in a conversation with one other person in a quiet room [without a hearing aid/EMPTY]?</p> <p>1 Yes (Go to HAB_END) 2 No DK, RF (Go to HAB_END)</p>

HAB_C11 If HER_Q52=1, go to HAB_Q11.
Otherwise, go to HAB_END.

HAB_Q11 **Are you usually able to hear what is said in a conversation with one other person in a quiet room with a hearing aid?**

- 1 Yes
- 2 No
- DK, RF

HAB_END

Noise Exposure (NEX)

NEX_BEG List external fields required:

Variables taken from sample file:
 STAND: name of the city/town/village in which the clinic has been set up
 CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :
 CurrentYear: numeric year during which clinic visit is taking place
 CurrentMonth: numeric month during which clinic visit is taking place
 CurrentDay: numeric day during which clinic visit is taking place
 SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:
 RespondentName: Name of respondent
 GenderE: English text for sex of respondent
 CON_AGE: age of respondent
 CON_SEX: sex of respondent
 HCL_R01: hearing questionnaire introduction

NEX_C01A If HCL_R01 = DK, go to NEX_N70.
Otherwise, go to NEX_C01.

NEX_C01 If CON_AGE < 16, go to NEX_D07.
Otherwise, go to NEX_Q01.

NEX_Q01 **At any time in your life, have you worked in a noisy environment? By noisy, I mean so loud that you and your co-workers had to speak in a raised voice to be understood by or communicate with someone standing an arm's length away.**

INSTRUCTION: A raised voice is a volume of speech between a normal voice and shouting. Include unpaid work.

- 1 Yes
- 2 No (Go to NEX_D07)
- DK, RF (Go to NEX_D07)

NEX_Q02

For how long did you work in a noisy environment?

INSTRUCTION: Read categories to respondent.

- 1 **Less than 12 months**
 - 2 **1 to less than 5 years**
 - 3 **5 to less than 10 years**
 - 4 **10 or more years**
- DK, RF

NEX_Q03

What was the source of the loud noise?

INSTRUCTION: Read categories to respondent. Mark all that apply.

- 1 **Machinery such as bulldozers, backhoes or sawmill equipment**
 - 2 **Modes of transportation such as trains, airplanes, cars or trucks**
 - 3 **Munitions such as guns or canons**
 - 4 **Music, for example, at a concert or other amplified music**
 - 5 **People**
 - 6 **Other**
- DK, RF

NEX_Q04

Are you currently working in a noisy environment?

- 1 Yes
 - 2 No
- DK, RF

NEX_D05

If NEX_Q04 = 1, DT_NEXTEXT5E = "do".
Otherwise, DT_NEXTEXT5E = "did".

NEX_Q05

How often [do/did] you use hearing protection at work when in a noisy area?

INSTRUCTION: Read categories to respondent.

- 1 **Always**
 - 2 **Often**
 - 3 **Sometimes**
 - 4 **Rarely**
 - 5 **Never**
- DK, RF

NEX_D06

If NEX_Q04 = 1, DT_NEXTEXT6E = "Are".
Otherwise, DT_NEXTEXT6E = "Were".

NEX_Q06

[Are/Were] you required to wear hearing protection at work?

INSTRUCTION: If the respondent did not have an employer (e.g., was self-employed), select <Not applicable>.

- 1 Yes
 - 2 No
 - 3 Not applicable
- DK, RF

NEX_D07

If CON_AGE < 16, DT_NEXTEXT07E = "By".
Otherwise, DT_NEXTEXT07E = "Again, by".

NEX_R07

Now I would like to ask you about your exposure to specific sources of loud noise during the past year.

[By/Again, by] loud I mean where you would have had to speak in a raised voice to be understood by or communicate with someone standing an arm's length away.

INSTRUCTION: Press <1> to continue.

NEX_Q07

Within the past 12 months, have you been exposed to noise from any of the following? Please include activities that took place at work, at school or during your leisure time.

... loud power tools such as circular saws, grinders, belt sanders or hammer drills?

- 1 Yes
 - 2 No
- DK, RF

NEX_Q08

Within the past 12 months, have you been exposed to noise from any of the following? Please include activities that took place at work, at school or during your leisure time.

... loud heavy industrial, farming or construction equipment such as bulldozers, gas turbines or large compressors?

- 1 Yes
 - 2 No
- DK, RF

NEX_Q09

Within the past 12 months, have you been exposed to noise from any of the following? Please include activities that took place at work, at school or during your leisure time.

... loud hand-held gasoline engines such as gas-powered chainsaws, hedge trimmers or leaf blowers? Please do not include lawn mowers.

INSTRUCTION: Hand held gasoline engines do not include electric items.

- 1 Yes
 - 2 No
- DK, RF

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NEX_Q10

Within the past 12 months, have you been exposed to noise from any of the following? Please include activities that took place at work, at school or during your leisure time.

... motorcycles or snowmobiles driven at highway speed?

INSTRUCTION: Highway speed is defined as speeds at or above 80 km/h.

- 1 Yes
 - 2 No
- DK, RF

NEX_Q11

Within the past 12 months, have you been exposed to noise from any of the following? Please include activities that took place at work, at school or during your leisure time.

... loud sporting or entertainment events such as hockey, rodeo or demolition derby? Please do not include music events.

- 1 Yes
 - 2 No
- DK, RF

NEX_Q12

Within the past 12 months, have you been exposed to noise from any of the following? Please include activities that took place at work, at school or during your leisure time.

... loud amplified music such as at concerts or nightclubs or as a member of a band?

- 1 Yes
 - 2 No
- DK, RF

NEX_Q13

Within the past 12 months, have you been exposed to noise from any of the following? Please include activities that took place at work, at school or during your leisure time.

... other types of loud music without the use of headphones or earbuds, for example, a home or car stereo?

INSTRUCTION: Loud music is defined as a volume at or above three quarters the maximum volume level for a given audio device.

- 1 Yes
 - 2 No
- DK, RF

NEX_C14

If CON_AGE < 12, go to NEX_C15.
Otherwise, go to NEX_Q14.

NEX_Q14	<p>Within the past 12 months, have you been exposed to noise from any of the following? Please include activities that took place at work, at school or during your leisure time.</p> <p>...firearms, for example guns?</p> <p>1 Yes 2 No DK, RF</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> For each positive response to NEX_Q07-NEX_Q13, the Activity Details block is called to quantify the frequency and duration of the specific noise exposure in the past 12 months and whether or not hearing protection was worn (NEX_C15 through NEX_B21).</p>
NEX_C15	<p>If NEX_Q07 = 1, go to NEX_B15. Otherwise, go to NEX_C16.</p>
NEX_B15	<p>Call the Activity Details (ACD) block.</p>
Programmer:	<p>Pass "DT_QuestionE = During the past 12 months, how often were you exposed to noise from loud power tools?" as parameter.</p>
NEX_C16	<p>If NEX_Q08 = 1, go to NEX_B16. Otherwise, go to NEX_C17.</p>
NEX_B16	<p>Call the Activity Details (ACD) block.</p>
Programmer:	<p>Pass "DT_QuestionE = During the past 12 months, how often were you exposed to noise from loud heavy industrial, farming or construction equipment?" as parameter.</p>
NEX_C17	<p>If NEX_Q09 = 1, go to NEX_B17. Otherwise, go to NEX_C18.</p>
NEX_B17	<p>Call the Activity Details (ACD) block.</p>
Programmer:	<p>Pass "DT_QuestionE = During the past 12 months, how often were you exposed to loud noise from hand-held gasoline engines?" as parameter.</p>
NEX_C18	<p>If NEX_Q10 = 1, go to NEX_B18. Otherwise, go to NEX_C19.</p>
NEX_B18	<p>Call the Activity Details (ACD) block.</p>
Programmer:	<p>Pass "DT_QuestionE = During the past 12 months, how often were you exposed to noise from motorcycles or snowmobiles driven at highway speeds?" as parameter.</p>
NEX_C19	<p>If NEX_Q11 = 1, go to NEX_B19. Otherwise, go to NEX_C20.</p>
NEX_B19	<p>Call the Activity Details (ACD) block.</p>
Programmer:	<p>Pass "DT_QuestionE = During the past 12 months, how often did you attend loud sporting or entertainment events? Please do not include music events." as parameter.</p>
NEX_C20	<p>If NEX_Q12 = 1, go to NEX_B20. Otherwise, go to NEX_C21.</p>

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NEX_B20	Call the Activity Details (ACD) block.										
Programmer:	<i>Pass "DT_QuestionE = During the past 12 months, how often were you exposed to loud amplified music such as at concerts or nightclubs or as a member of a band?" as parameter.</i>										
NEX_C21	If NEX_Q13 = 1, go to NEX_B21. Otherwise, go to NEX_C22.										
NEX_B21	Call the Activity Details (ACD) block.										
Programmer:	<i>Pass "DT_QuestionE = During the past 12 months, how often did you listen to other types of loud music without the use of headphones or earbuds?" as parameter.</i>										
NEX_C22	If NEX_Q14 = 1, go to NEX_Q23. Otherwise, go to NEX_R25.										
NEX_Q23	In the past 12 months, how many times have you fired, or been exposed to noise from the shot of a gun or firearm? <u>INSTRUCTION</u> : Read categories to respondent. <table border="0"> <tr> <td>1</td> <td>1 to 19 times</td> </tr> <tr> <td>2</td> <td>20 to 99 times</td> </tr> <tr> <td>3</td> <td>100 to 9999 times</td> </tr> <tr> <td>4</td> <td>10,000 times or more</td> </tr> </table> DK, RF (Go to NEX_R25)	1	1 to 19 times	2	20 to 99 times	3	100 to 9999 times	4	10,000 times or more		
1	1 to 19 times										
2	20 to 99 times										
3	100 to 9999 times										
4	10,000 times or more										
NEX_Q24	How often did you wear hearing protection? <u>INSTRUCTION</u> : Read categories to respondent. <table border="0"> <tr> <td>1</td> <td>Always</td> </tr> <tr> <td>2</td> <td>Often</td> </tr> <tr> <td>3</td> <td>Sometimes</td> </tr> <tr> <td>4</td> <td>Rarely</td> </tr> <tr> <td>5</td> <td>Never</td> </tr> </table> DK, RF	1	Always	2	Often	3	Sometimes	4	Rarely	5	Never
1	Always										
2	Often										
3	Sometimes										
4	Rarely										
5	Never										
NEX_R25	The next few questions concern your use of headphones or earbuds to listen to music, movies, or other types of audio. Examples of audio devices that you may have listened to using headphones or earbuds include mp3 players, iPods, cell phones, stereo systems, televisions or computers. <u>INSTRUCTION</u> : Press <1> to continue.										
NEX_Q25	In the past 12 months have you listened to audio devices using headphones or earbuds? <table border="0"> <tr> <td>1</td> <td>Yes</td> <td></td> </tr> <tr> <td>2</td> <td>No</td> <td>(Go to NEX_R40)</td> </tr> </table> DK, RF (Go to NEX_R40)	1	Yes		2	No	(Go to NEX_R40)				
1	Yes										
2	No	(Go to NEX_R40)									

NEX_Q26

On average, in the past 12 months, how many hours per week did you usually listen to music, movies or other types of audio using headphones or earbuds?

INSTRUCTION: If respondent answers in hours and minutes, enter the number of hours on this screen and the number of minutes on the next screen. If respondent answers in minutes only, enter 0 hours on this screen and number of minutes on the next screen.

You may enter the answer either per week or per day.

|_|_|_| Hours
(MIN: 0)
(MAX: 168)

DK, RF (Go to NEX_Q27)

NEX_N26A

INSTRUCTION: Enter number of minutes.

|_|_|_| Minutes
(MIN: 0)
(MAX: 960)

DK, RF

NEX_C26

If NEX_Q26 = 0 and NEX_N26A = 0, go to NEX_R40.
Otherwise, if NEX_Q26 = 0 and NEX_N26A = DK or RF, go to NEX_Q27.
Otherwise, go to NEX_N26B.

NEX_N26B

INSTRUCTION: Select the reporting period.

1 Per day
2 Per week
(DK, RF not allowed)

NEX_Q27

Is the volume level usually at or above three quarters of the maximum volume?

1 Yes
2 No
DK, RF

NEX_Q28

Is the volume usually so loud that someone standing an arm's length away would have to speak in a raised voice for you to understand what they were saying?

INSTRUCTION: A raised voice is a volume of speech between a normal voice and shouting.

1 Yes
2 No
DK, RF

NEX_C29

If (NEX_Q27 = 2, DK or RF) and (NEX_Q28 = 2, DK or RF), go to NEX_R40.
Otherwise, go to NEX_D29.

NEX_D29 If NEX_Q27 = 1 and NEX_Q28 = 1, DT_NEXTEXT29E = "at or above three quarters of the maximum volume or so loud that someone standing an arm's length away would have to speak in a raised voice for you to understand what they were saying".
 If NEX_Q27 = 1 and NEX_Q28 < > 1, DT_NEXTEXT29E = "at or above three quarters of the maximum volume".
 If NEX_Q27 < > 1 and NEX_Q28 = 1, DT_NEXTEXT29E = "so loud that someone standing an arm's length away would have to speak in a raised voice for you to understand what they were saying".

NEX_Q29 **How many hours per week do you usually listen to audio devices, using headphones or earbuds, at a volume that is ^DT_NEXTEST29E?**

INSTRUCTION: If respondent answers in hours and minutes, enter the number of hours on this screen and the number of minutes on the next screen. If respondent answers in minutes only, enter 0 hours on this screen and number of minutes on the next screen.

You may enter the answer either per week or per day.

|_|_|_| Hours
 (MIN: 0)
 (MAX: 168)

DK, RF (Go to NEX_Q30)

NEX_N29A INSTRUCTION: Enter number of minutes.

|_|_|_| Minutes
 (MIN: 0)
 (MAX: 960)

DK, RF

NEX_C29A If NEX_Q29 = 0 and NEX_N29A = DK or RF, go to NEX_Q30.
 Otherwise, go to NEX_N29B.

NEX_N29B INSTRUCTION: Select the reporting period.

- 1 Per day
 - 2 Per week
- (DK, RF not allowed)

NEX_D29E If NEX_N26B = 1, DV_PERWKFCTR26 = 7
 Otherwise, DV_PERWKFCTR26 = 1
 If NEX_N29B = 1, DV_PERWKFCTR29 = 7
 Otherwise, DV_PERWKFCTR29 = 1

NEX_Q30 **For how long has this been your usual listening volume?**

INSTRUCTION: Enter amount only.

|_|_|_| Amount
 (MIN: 1)
 (MAX: 995)

DK, RF (Go to NEX_R40)

NEX_N30

INSTRUCTION: Select the reporting period.

- 1 Days
 - 2 Weeks
 - 3 Months
 - 4 Years
- (DK, RF not allowed)

NEX_R40

Now I'd like to ask you about tinnitus. Tinnitus is the presence of hissing, buzzing, ringing, rushing or roaring sounds in your ears when there is no other sound around you.

INSTRUCTION: Press <1> to continue.

NEX_Q40

Have you ever experienced tinnitus?

- 1 Yes
- 2 No (Go to NEX_END)
- DK, RF (Go to NEX_END)

NEX_Q41

When was the last time you experienced these sounds in your ears? Was it... ?

INSTRUCTION: Read categories to respondent.

- 1 **Within the last 7 days**
- 2 **8 days to less than 1 month ago** (Go to NEX_Q43)
- 3 **1 month to less than 6 months ago** (Go to NEX_D45)
- 4 **6 months to less than 1 year ago** (Go to NEX_D45)
- 5 **1 year ago or more** (Go to NEX_END)
- DK, RF (Go to NEX_END)

NEX_Q42

Are you experiencing these sounds right now?

- 1 Yes
- 2 No
- DK, RF

NEX_Q43

When it is quiet, do you experience these sounds in your ears... ?

INSTRUCTION: Read categories to respondent.

- 1 **Always**
- 2 **Often**
- 3 **Sometimes** (Go to NEX_D45)
- 4 **Rarely** (Go to NEX_D45)
- 5 **Never** (Go to NEX_D45)
- DK, RF

NEX_Q44

For how long have you had this?

INSTRUCTION: Enter amount only.

|_|_|_|
 (MIN: 1)
 (MAX: 995)

DK, RF

(Go to NEX_D45)

NEX_N44

INSTRUCTION: Select the reporting period.

- 1 Days
 - 2 Weeks
 - 3 Months
 - 4 Years
- (DK, RF not allowed)

NEX_D45

If NEX_Q42 = 1, DT_NEXTEXT45AE = "Does".
 Otherwise, DT_NEXTEXT45AE = "Did".
 If NEX_Q42 = 1, DT_NEXTEXT45BE = "does".
 Otherwise, DT_NEXTEXT45BE = "did".

NEX_Q45

[Does/Did] this bother you? For example, [does/did] it affect your sleep, concentration or mood?

- 1 Yes
 - 2 No
- DK, RF

NEX_C46

If CON_AGE < 10, go to NEX_END.
 Otherwise, go to NEX_D46.

NEX_D46

If NEX_Q43 = 1 and [(NEX_Q44 => 6 and NEX_N44 = 3) or NEX_N44 = 4],
 DT_NEXTINNITUSE = "were they louder or more pronounced".
 Otherwise, DT_NEXTINNITUSE = "did they occur".

NEX_C47

If NEX_Q25 = 1, go to NEX_Q47.
 Otherwise, go to NEX_C48.

NEX_Q47

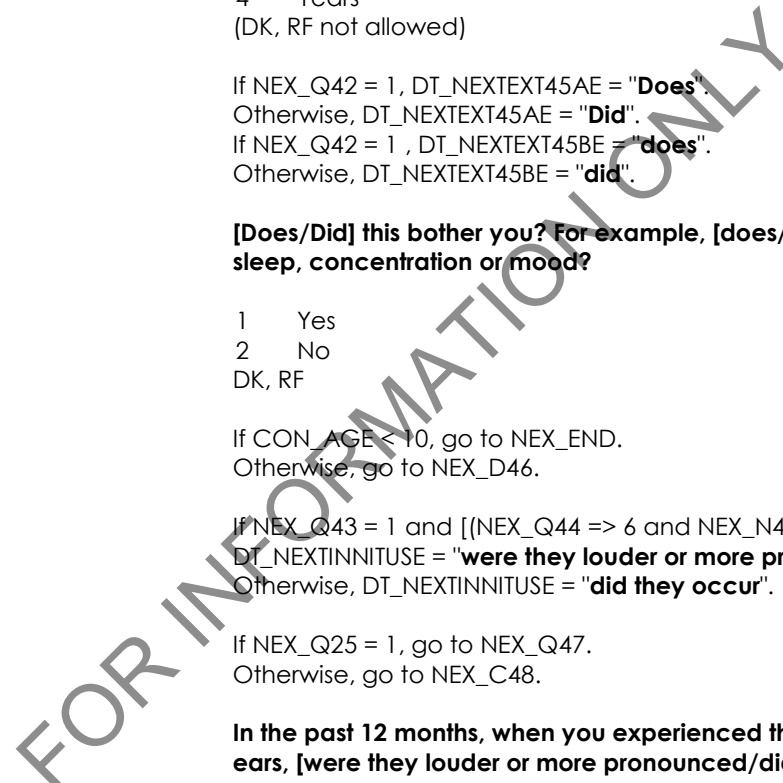
In the past 12 months, when you experienced these noises in your ears, [were they louder or more pronounced/did they occur] ...

...after using headphones or earbuds to listen to audio devices such as an mp3 player, iPod, cell phone, stereo system, television or computer?

- 1 Yes
 - 2 No
- DK, RF

NEX_C48

If NEX_Q12 = 1, go to NEX_Q48.
 Otherwise, go to NEX_C49.



NEX_Q48	<p>(In the past 12 months, when you experienced these noises in your ears, [were they louder or more pronounced/did they occur] ...)</p> <p>...after being exposed to loud amplified music such as at a concert, nightclub or as a member of a band?</p> <p>1 Yes 2 No DK, RF</p>
NEX_C49	<p>If NEX_Q11 = 1, go to NEX_Q49. Otherwise, go to NEX_C50.</p>
NEX_Q49	<p>(In the past 12 months, when you experienced these noises in your ears, [were they louder or more pronounced/did they occur] ...)</p> <p>...after being at a loud sporting or entertainment event?</p> <p>1 Yes 2 No DK, RF</p>
NEX_C50	<p>If NEX_Q07 = 1, go to NEX_Q50. Otherwise, go to NEX_C51.</p>
NEX_Q50	<p>(In the past 12 months, when you experienced these noises in your ears, [were they louder or more pronounced/did they occur] ...)</p> <p>...after being exposed to noise from loud power tools (for example, circular saw, grinder, belt sander or hammer drill)?</p> <p>1 Yes 2 No DK, RF</p>
NEX_C51	<p>If NEX_Q14 = 1, go to NEX_Q51. Otherwise, go to NEX_D52.</p>
NEX_Q51	<p>(In the past 12 months, when you experienced these noises in your ears, [were they louder or more pronounced/did they occur] ...)</p> <p>...after being exposed to noise from firearms or guns?</p> <p>1 Yes 2 No DK, RF</p>
NEX_D52	<p>If NEX_Q07 = 1 or NEX_Q11 = 1 or NEX_Q12 = 1 or NEX_Q14 = 1 or NEX_Q25 = 1, DT_NEXTEXT52E = "any other". Otherwise, DT_NEXTEXT52E = "any".</p>

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NEX_Q52

(In the past 12 months, when you experienced these noises in your ears, [were they louder or more pronounced/did they occur] ...)

... in [any other/any] specific circumstances?

- 1 Yes (Go to NEX_S52)
- 2 No (Go to NEX_END)
- DK, RF (Go to NEX_END)

NEX_S52

INSTRUCTION: Specify.

(80 spaces)

DK, RF

Go to NEX_END

NEX_N70

INSTRUCTION: Why was the component not fully completed?

- 01 Respondent unable to continue for health reasons
- 06 No time
- 20 Other - Specify
(DK, RF not allowed)

Go to NEX_END

NEX_S70

(Why was the component not fully completed?)

INSTRUCTION: Specify.

(80 spaces)

DK, RF

NEX_END

Activity Detail (ACD)

ACD_BEG

External variables required:

QuestionE: English question text

ACD_Q11

^QuestionE

The answer categories are number of times per day, per week, per month or per year.

INSTRUCTION: Enter frequency only.

|_|_|_|
(MIN: 1)
(MAX: 995)

DK, RF (Go to ACD_END)

ACD_N11

INSTRUCTION: The reference period for this question is the past 12 months. Report seasonal activities as number of times per year.

Select the reporting period.

- 1 Per day
 - 2 Per week
 - 3 Per month
 - 4 Per year
- (DK, RF not allowed)

ACD_Q12

How much time did you typically spend on each occasion?

INSTRUCTION: Read categories to respondent.

- 1 **Less than 10 minutes**
 - 2 **10 to less than 30 minutes**
 - 3 **30 minutes to less than 1½ hours**
 - 4 **1½ hours to less than 5 hours**
 - 5 **5 hours or more**
- DK, RF

ACD_Q13

How often did you wear hearing protection?

INSTRUCTION: Read categories to respondent.

- 1 **Always**
 - 2 **Often**
 - 3 **Sometimes**
 - 4 **Rarely**
 - 5 **Never**
- DK, RF

ACD_END

Sun Exposure Component (SEB)

SEB_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID:8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Date2MonthsAgoE

Variables from previously completed blocks:
 RespondentName: name of respondent
 CON_AGE: age of respondent
 CON_SEX: sex of respondent
 GenderE: English text for sex of respondent
 SCS_N12: visit type (3= clinic visit; 4= home visit)

SEB_R01A **In order to better understand the relationship between sun exposure and vitamin D, we will be asking you questions about behaviours and habits that affect your body's ability to create vitamin D. Please answer the following questions as accurately as possible.**

INSTRUCTION: Press <1> to continue.

Programmer: Allow 'DK' as a response category.

SEB_C01A If SEB_R01A = DK, go to SEB_N60.
 Otherwise, go to SEB_D01A.

SEB_D01A
 Programmer: *IF SCS_N12 = 4 THEN*
 SEB_D01A = EMPTY
ELSE
 IF SEB_R01A = 1 and SEB_D01A = EMPTY THEN
 SET SEB_D01A = Current Time (in HH:MM:SS format)
ENDIF

SEB_D01B If CurrentMonth = 10, 11, 12, 01, 02, 03 or 04, DT_SEBMONTHE = "**this past May to September**".
 If CurrentMonth = 08 or 09, DT_SEBMONTHE = "**the months of May to ^CURRENTMONTHE this year**".
 If CurrentMonth = 05, 06 or 07, DT_SEBMONTHE = "**the months of May to September last year**".

SEB_R01B **The next few questions concern time spent in the sun. Think about [this past May to September/the months of May to ^CURRENTMONTHE this year/the months of May to September last year].**

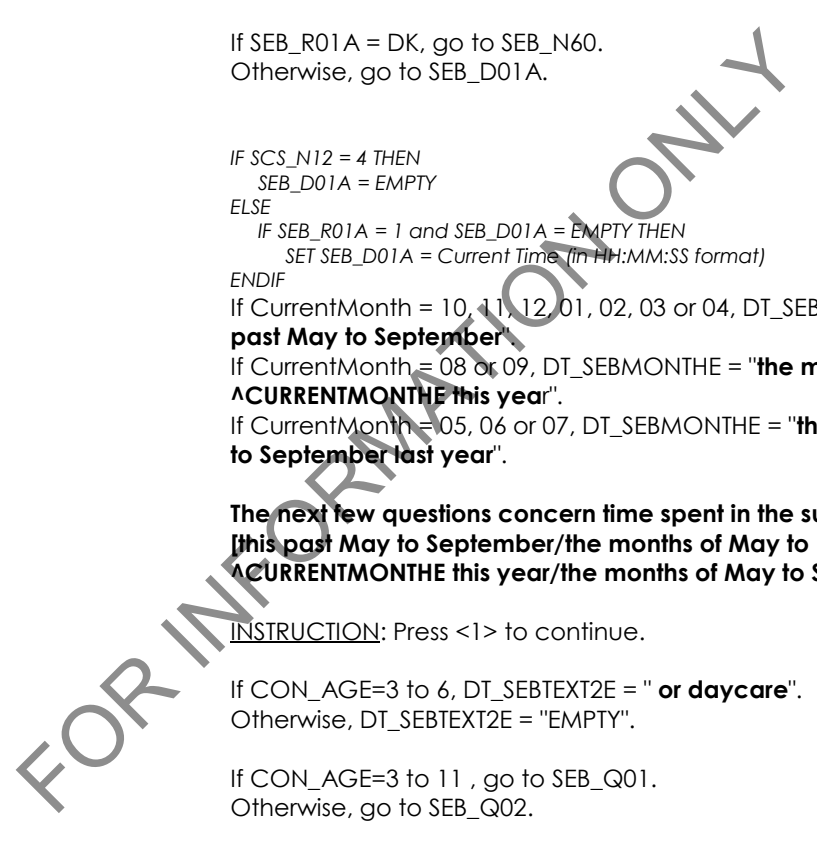
INSTRUCTION: Press <1> to continue.

SEB_D01C If CON_AGE=3 to 6, DT_SEBTEXT2E = "**or daycare**".
 Otherwise, DT_SEBTEXT2E = "EMPTY".

SEB_C01 If CON_AGE=3 to 11, go to SEB_Q01.
 Otherwise, go to SEB_Q02.

SEB_Q01 **Did you attend school[or daycare/EMPTY] at any time during these months?**

- | | | |
|--------|-----|------------------|
| 1 | Yes | (Go to SEB_D03A) |
| 2 | No | (Go to SEB_Q13A) |
| DK, RF | | (Go to SEB_Q13A) |



SEB_Q02

Did you do any of the following during these months:
- work at a job?
- work at a business?
- attend school?

- 1 Yes
- 2 No (Go to SEB_Q13A)
- DK, RF (Go to SEB_Q13A)

SEB_D03A

If CON_AGE > 11, DT_SEBTEXT3E = " **work or**".
 Otherwise, DT_SEBTEXT3E = "EMPTY".

SEB_D03B

Not Applicable

SEB_Q03

During these months, how much time did you spend in the sun between 10 a.m. and 4 p.m., on a typical day at [work or/EMPTY] school[or daycare/EMPTY]?

INSTRUCTION: Read categories to respondent.

- 1 **Less than 5 minutes** (Go to SEB_Q13A)
- 2 **5 to less than 30 minutes**
- 3 **30 minutes to less than 1 hour**
- 4 **1 hour to less than 2 hours**
- 5 **2 hours or more**
- DK, RF (Go to SEB_Q13A)

SEB_D04

If CON_SEX=1, DT_SEBTEXT5E = "EMPTY".
 Otherwise, DT_SEBTEXT5E = " **veil**".

SEB_Q04

When you were exposed to the sun during these hours on a day at [work or/EMPTY] school[or daycare/EMPTY], how often did you wear something on your head that shaded your face, ears or neck, for example, a cap[EMPTY/, veil] or sunhat?

INSTRUCTION: Read categories to respondent.

- 1 **Always** (Go to SEB_Q06)
- 2 **Often**
- 3 **Sometimes**
- 4 **Rarely**
- 5 **Never**
- DK, RF

SEB_Q05

Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Face, ears or neck

INSTRUCTION: The reference period for these questions is [this past May to September/the months of May to ^CURRENTMONTH this year/the months of May to September last year], between the hours of 10 a.m. and 4 p.m.

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q06 (Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:)

Hands

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q07 Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Arms

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q08 Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Legs

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q09 Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Feet

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q10 Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Other (for example, shoulders or back)

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q11 **How often did you usually use sunscreen...**

...on your face, ears or neck?

INSTRUCTION: The reference period for these questions is [this past May to September/the months of May to ^CURRENTMONTH this year/the months of May to September last year], between the hours of 10 a.m. and 4 p.m.

Read categories to respondent.

- 1 **Always**
- 2 **Often**

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- 3 **Sometimes**
 - 4 **Rarely**
 - 5 **Never**
- DK, RF

SEB_Q12A

How often did you usually use sunscreen...

...on other areas (for example, hands, arms or legs)?

- 1 Always
 - 2 Often
 - 3 Sometimes
 - 4 Rarely
 - 5 Never
- DK, RF

SEB_Q13A

Again, please think about [this past May to September/the months of May to ^CURRENTMONTH this year/the months of May to September last year]. During these months, how much time did you spend in the sun between 10 a.m. and 4 p.m. on a typical day when not at[work or/EMPTY] school[or daycare/EMPTY]?

INSTRUCTION: If the respondent was never in the sun during these hours, select <1> 'Less than 5 minutes'.

Read categories to respondent.

- 1 **Less than 5 minutes** (Go to SEB_Q23)
- 2 **5 to less than 30 minutes**
- 3 **30 minutes to less than 1 hour**
- 4 **1 hour to less than 2 hours**
- 5 **2 hours or more**

DK, RF (Go to SEB_Q23)

SEB_Q14

When you were exposed to the sun during these hours on a day when you were not at[work or/EMPTY] school[or daycare/EMPTY], how often did you wear something on your head that shaded your face, ears or neck, for example, a cap[EMPTY/, veil] or sunhat?

INSTRUCTION: Read categories to respondent.

- 1 **Always** (Go to SEB_Q16)
- 2 **Often**
- 3 **Sometimes**
- 4 **Rarely**
- 5 **Never**

DK, RF

SEB_Q15

Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Face, ears or neck

INSTRUCTION: The reference period for these questions is [this past May to September/the months of May to ^CURRENTMONTH this year/the months of May to September last year], between the hours of 10 a.m. and 4 p.m.

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q16

(Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:)

Hands

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q17

Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Arms

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q18

Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Legs

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q19

Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Feet

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q20

Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Other (for example, shoulders or back)

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q21

How often did you usually use sunscreen...

...on your face, ears or neck?

INSTRUCTION: The reference period for these questions is [this past May to September/the months of May to ^CURRENTMONTHE this year/the months of May to September last year], between the hours of 10 a.m. and 4 p.m.

Read categories to respondent.

- 1 **Always**
- 2 **Often**
- 3 **Sometimes**
- 4 **Rarely**
- 5 **Never**

DK, RF

SEB_Q22

How often did you usually use sunscreen...

...on other areas (for example, hands, arms or legs)?

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never

DK, RF

SEB_Q23

In the past 2 months, that is, from ^Date2MonthsAgoE to yesterday, have you traveled to a warm, sunny climate?

- 1 Yes
- 2 No

DK, RF

(Go to SEB_C35)

(Go to SEB_C35)

SEB_Q24

How long were you there?

INSTRUCTION: Enter amount only.

|_|_| Amount
(MIN: 1)
(MAX: 61)

DK, RF

(Go to SEB_Q25)

SEB_N24

INSTRUCTION: Select the reporting period.

- 1 Days
 - 2 Weeks
 - 3 Months
 - 4 Years
- (DK, RF not allowed)

SEB_Q25

While you were in this warm, sunny climate...

...how much time did you typically spend in the sun between 10 a.m. and 4 p.m.?

- 1 Less than 5 minutes (Go to SEB_C35)
- 2 5 to less than 30 minutes
- 3 30 minutes to less than 1 hour
- 4 1 hour to less than 2 hours
- 5 2 hours or more
- DK, RF (Go to SEB_C35)

SEB_Q26

While you were in this warm, sunny climate...

...during these hours, how often did you wear something on your head that shaded your face, ears or neck, for example, a cap [EMPTY/, veil] or sunhat?

- 1 Always (Go to SEB_Q28)
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- DK, RF

SEB_Q27

Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Face, ears or neck

INSTRUCTION: The reference period for these questions is between the hours of 10 a.m. and 4 p.m.

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q28

(Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:)

Hands

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q29

Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Arms

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q30 Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Legs

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q31 Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Feet

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q32 Please identify whether the following areas of skin were typically covered or uncovered when you were out in the sun:

Other (for example, shoulders or back)

- 1 Covered
- 2 Uncovered
- DK, RF

SEB_Q33 **How often did you usually use sunscreen...**

...on your face, ears or neck?

INSTRUCTION: Read categories to respondent. The reference period for these questions is between the hours of 10 a.m. and 4 p.m.

- 1 **Always**
- 2 **Often**
- 3 **Sometimes**
- 4 **Rarely**
- 5 **Never**
- DK, RF

SEB_Q34 How often did you usually use sunscreen...

...on other areas (for example, hands, arms or legs)?

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Rarely
- 5 Never
- DK, RF

SEB_C35 If CON_AGE < 12, go to SEB_END.
Otherwise, go to SEB_R35.

SEB_R35

The following questions are about your use of tanning equipment.

INSTRUCTION: Press <1> to continue.

SEB_Q35

In the past 12 months, have you used a tanning bed or booth with tanning lamps?

- 1 Yes
- 2 No (Go to SEB_END)
- DK, RF (Go to SEB_END)

SEB_Q36

How often?

INSTRUCTION: Enter amount only.

|_|_| Times
(MIN: 1)
(MAX: 365)

DK, RF (Go to SEB_Q37)

SEB_N36

INSTRUCTION: Select the reporting period.

- 1 Per day
 - 2 Per week
 - 3 Per month
 - 4 Per year
- (DK, RF not allowed)

SEB_Q37

Have you used a tanning bed or booth with tanning lamps in the past 2 months, that is, from ^Date2MonthsAgoE to today?

- 1 Yes
- 2 No (Go to SEB_END)
- DK, RF

SEB_Q38

During which months do you typically use a tanning bed or booth?

INSTRUCTION: Mark all that apply.

- 01 January
 - 02 February
 - 03 March
 - 04 April
 - 05 May
 - 06 June
 - 07 July
 - 08 August
 - 09 September
 - 10 October
 - 11 November
 - 12 December
 - 13 All months
- DK, RF

Go to SEB_END

SEB_N60 INSTRUCTION: Why was the component not fully completed?
 01 Respondent unable to continue for health reasons
 06 No time
 20 Other - Specify (Go to SEB_S60)
 (DK, RF not allowed)

Go to SEB_END

SEB_S60 (Why was the component not fully completed?)

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

SEB_END

Skin Pigmentation Component

Skin Pigmentation Component Introduction (SKI)

SKI_BEG External variables required:

Variables taken from sample file:
 STAND: name of the city/town/village in which the clinic has been set up
 CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :
 CurrentYear: numeric year during which clinic visit is taking place
 CurrentMonth: numeric month during which clinic visit is taking place
 CurrentDay: numeric day during which clinic visit is taking place
 SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:
 RespondentName: name of respondent
 GenderE: English text for sex of respondent
 CON_AGE: age of respondent
 SCS_N12: visit type (3= clinic visit; 4= home visit)

SKI_Q01 **To better understand the relationship between skin colour, sun exposure and vitamin D, I will be measuring your skin pigmentation. To do this, I will gently hold a light sensor against your skin in order to measure the amount and type of light reflected by your skin.**

Let me show you how it feels on your hand.

INSTRUCTION: Show the spectrophotometer to the respondent and demonstrate the technique on the back of the respondent's hand.

Press <1> to continue.

- 1 Continue (Go to SKI_END)
- DK (Go to SKI_END)
- (RF is not allowed)

SKI_D01

Programmer:

```
IF SCS_N12 = 4 THEN
  SKI_D01 = EMPTY
ELSE
  IF SKI_R01 = 1 and SKI_D01 = EMPTY,
    Set SKI_D01 = Current Time (in HH:MM:SS format)
ENDIF
```

SKI_R02

I will be measuring skin pigmentation at two sites: the back of the hand and the inside of the upper arm. At each site I will take 3 or 4 measurements.

The measurement must be taken directly against the skin (so I may need you to adjust your clothing slightly to have access to the sites).

Before I begin I will need to examine your hand(s) and arm(s) to determine if an accurate measurement can be taken. (Please remove your long sleeved clothing.)

INSTRUCTION: If the respondent is unwilling to remove long sleeved clothing, ask him/her to roll his/her sleeve(s) up to the shoulder or to put on a short sleeved gown.

Examine the respondent's right/left hand(s) and arm(s) to determine if an accurate skin pigmentation measurement can be taken.

Press <1> to continue.

DK and RF are not allowed.

SKI_N04

INSTRUCTION: Record which arm will be used for the inner arm skin pigmentation measurement.

- 1 Right (Go to SKI_N06)
- 2 Left (Go to SKI_N06)
- 3 None
- (DK, RF not allowed)

SKI_N05

INSTRUCTION: Why will an inner arm measurement not be taken?

Mark all that apply.

- 1 Measurement site is covered (e.g., cast, dressing)
- 2 Altered skin pigmentation (e.g., tattoo, scar, mole)
- 3 Blanching of skin due to restrictive clothing
- 4 Respondent refused
- 5 Other - Specify (Go to SKI_S05)
- (DK, RF not allowed)
- Go to SKI_N06

SKI_S05 INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

SKI_N06 INSTRUCTION: Record which hand will be used for the hand skin pigmentation measurement:

1 Right (Go to SKI_C07)

2 Left (Go to SKI_C07)

3 None

(DK, RF not allowed)

SKI_N07 INSTRUCTION: Why will a hand measurement not be taken?

Mark all that apply.

1 Measurement site is covered (e.g., cast, dressing)

2 Altered skin pigmentation (e.g., tattoo, scar, mole)

3 Blanching of skin due to restrictive clothing

4 Respondent refused

5 Other - Specify (Go to SKI_S07)

(DK, RF not allowed)

Go to SKI_C07

SKI_S07 INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

SKI_C07 If SKI_N04 = 3 and SKI_N06 = 3, go to SKI_R08.
Otherwise, go to SKI_C08.

SKI_R08 **Unfortunately I will not be able to take an accurate measurement of your skin pigmentation today.**

INSTRUCTION: Answer any questions about why an accurate skin pigmentation measurement cannot be collected.

Press <1> to continue.

Go to SKI_END

SKI_C08 If CON_AGE < 12, go to SKI_END.
Otherwise, go to SKI_R09.

SKI_R09

Now I am going to ask you questions about sunless tanning products. This information will help us better understand the results from your skin pigmentation measure.

INSTRUCTION: Press <1> to continue.

SKI_D09

Programmer:

DT_Date10DaysAgoE = English text of date 10 days ago.

SKI_Q09

In the past 10 days, that is, from ^Date10DaysAgoE to today, have you used sunless tanning products such as creams or lotions, or received a spray-on or mist tan?

INSTRUCTION: Do not include cosmetic products like blush or bronzing powders.

- 1 Yes
- 2 No (Go to SKI_END)
- DK, RF (Go to SKI_END)

SKI_Q10

Was it applied to the back of your hands?

- 1 Yes
- 2 No
- DK, RF

SKI_Q11

Was it applied to your inner arms between the elbow and armpit?

- 1 Yes
- 2 No
- DK, RF

SKI_END

Skin Pigmentation Measurement (SKM)

SKM_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

SKI_N04: indicates arm for measurement

SKI_N06: indicates hand for measurement

SKM_C10A	If SKI_Q01 = DK, go to SKM_N220. Otherwise, go to SKM_C10B.
SKM_C10B	If SKI_N04 = 3 and SKI_N06 = 3, go to SKM_END. Otherwise, go to SKM_D10A.
SKM_D10A	If SKI_N04 = 1 and SKI_N06 = 1, DT_SKMR10_TEXTE = " your right inner arm and right hand ". If SKI_N04 = 2 and SKI_N06 = 2, DT_SKMR10_TEXTE = " your left inner arm and left hand ". If SKI_N04 = 1 and SKI_N06 = 2, DT_SKMR10_TEXTE = " your right inner arm and left hand ". If SKI_N04 = 2 and SKI_N06 = 1, DT_SKMR10_TEXTE = " your left inner arm and right hand ". If SKI_N04 = 1 and SKI_N06 = 3, DT_SKMR10_TEXTE = " your right inner arm ". If SKI_N04 = 2 and SKI_N06 = 3, DT_SKMR10_TEXTE = " your left inner arm ". If SKI_N04 = 3 and SKI_N06 = 1, DT_SKMR10_TEXTE = " your right hand ". If SKI_N04 = 3 and SKI_N06 = 2, DT_SKMR10_TEXTE = " your left hand ".
SKM_D10B	If SKI_N04 = 1 and SKI_N06 = 3 or SKI_N04 = 2 and SKI_N06 = 3 or SKI_N04 = 3 and SKI_N06 = 1 or SKI_N04 = 3 and SKI_N06 = 2, DT_SKMD10B_TEXTE = " the ". otherwise, DT_SKMD10B_TEXTE = " each ".
SKM_D10C	If SKI_N04 = 1 and SKI_N06 = 3 or SKI_N04 = 2 and SKI_N06 = 3 or SKI_N04 = 3 and SKI_N06 = 1 or SKI_N04 = 3 and SKI_N06 = 2, DT_SKMD10C_TEXTE = " it ". Otherwise, DT_SKMD10C_TEXTE = " them ".
SKM_R10	Now I am going to take a skin pigmentation measurement on ADT_SKMR10_TEXTE. First, I need to mark the location of [the/each] measurement using this washable marker. When I am finished, I'll remove [it/them] with a wipe. <u>INSTRUCTION:</u> Mark all locations. Press <1> to continue.
SKM_C20	If SKI_N04 = 3 (No inner arm measurement), go to SKM_C130. Otherwise, go to SKM_N20.
SKM_N20	<u>INSTRUCTION:</u> Record how the inner arm skin pigmentation data will be captured. 1 Electronically 2 Electronic data captured manually (Go to SKM_C110) (DK, RF not allowed)
SKM_N21	<u>INSTRUCTION:</u> Press < ON/MEASURES > to take the first inner arm skin pigmentation measurement. 1 Press < 1 > to continue DK, RF (Go to SKM_C130)

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SKM_N21A	<p><u>INSTRUCTION</u>: Press <1> to save the measurements in Blaise.</p> <p>1 Save the measurements (DK, RF not allowed)</p>
SKM_N21B	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B110) (DK, RF not allowed)</p>
SKM_N22	<p><u>INSTRUCTION</u>: Press < ON/MEASURES > to take the second inner arm skin pigmentation measurement.</p> <p>Press < 1 > to continue.</p> <p>1 Continue DK, RF (Go to SKM_C130)</p>
SKM_N22A	<p><u>INSTRUCTION</u>: Press <1> to save the measurements in Blaise.</p> <p>1 Save the measurements (DK, RF not allowed)</p>
SKM_N22B	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B111) (DK, RF not allowed)</p>
SKM_N23	<p><u>INSTRUCTION</u>: Press < ON/MEASURES > to take the third inner arm skin pigmentation measurement.</p> <p>Press < 1 > to continue.</p> <p>1 Continue DK, RF (Go to SKM_C130)</p>
SKM_N23A	<p><u>INSTRUCTION</u>: Press <1> to save the measurements in Blaise.</p> <p>1 Save the measurements (DK, RF not allowed)</p>
SKM_N23B	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B112) (DK, RF not allowed)</p>
SKM_D24 Programmer:	<p><i>If the difference between any two of SKM_B110.SKR_N1A, SKM_B111.SKR_N1A, SKM_B112.SKR_N1A is > 10 units, OR If the difference between any two of SKM_B110.SKR_N2A, SKM_B111.SKR_N2A, SKM_B112.SKR_N2A is > 10 units, Go to SKM_N24. Otherwise, go to SKM_C130.</i></p>

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SKM_N24	<p><u>INSTRUCTION</u>: Press < ON/MEASURES > to take the fourth inner arm skin pigmentation measurement.</p> <p>Press < 1 > to continue.</p> <p>1 Continue DK, RF (Go to SKM_C130)</p>
SKM_N24A	<p><u>INSTRUCTION</u>: Press <1> to save the measurements in Blaise.</p> <p>1 Save the measurements (DK, RF not allowed)</p>
SKM_N24B	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B113) (DK, RF not allowed)</p>
SKM_C110	<p>If SKM_N20 = 1 (electronically), go to SKM_C130. Otherwise, go to SKM_B110.</p>
SKM_B110	<p>Call the Skin Pigmentation Recording (SKR) Block.</p>
Programmer:	<p>Pass ^DT_SKR_TEXTE1 = "first" and ^DT_SKR_TEXTE2 = "inner arm" as a parameters.</p>
SKM_C111	<p>If SKM_B110.SKR_N1A = DK or RF, go to SKM_C130. Otherwise, go to SKM_N111.</p>
SKM_N111	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B110) (DK, RF not allowed)</p>
SKM_B111	<p>Call the Skin Pigmentation Recording (SKR) Block.</p>
Programmer:	<p>Pass ^DT_SKR_TEXTE1 = "second" and ^DT_SKR_TEXTE2 = "inner arm" as a parameters.</p>
SKM_C112	<p>If SKM_B111.SKR_N1A = DK or RF, go to SKM_C130. Otherwise, go to SKM_N112.</p>
SKM_N112	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B111) (DK, RF not allowed)</p>
SKM_B112	<p>Call the Skin Pigmentation Recording (SKR) Block.</p>
SKM_C113	<p>If SKM_B112.SKR_N1A = DK or RF, go to SKM_C130. Otherwise, go to SKM_N113.</p>

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SKM_N113	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B112) (DK, RF not allowed)</p>
SKM_D113 Programmer:	<p><i>If the difference between any two of SKM_B110.SKR_N1A, SKM_B111.SKR_N1A, SKM_B112.SKR_N1A is > 10 units, OR If the difference between any two of SKM_B110.SKR_N2A, SKM_B111.SKR_N2A, SKM_B112.SKR_N2A is > 10 units, go to SKM_B113 Otherwise, go to SKM_C130</i></p>
SKM_B113	<p>Call the Skin Pigmentation Recording (SKR) Block.</p>
SKM_C114	<p>If SKM_B113.SKR_N1A = DK or RF, go to SKM_C130. Otherwise, go to SKM_N114.</p>
SKM_N114	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B113) (DK, RF not allowed)</p>
SKM_C130	<p>If SKI_N06 = 3 (No hand measurement), go to SKM_C220. Otherwise, go to SKM_N131.</p>
SKM_N131	<p><u>INSTRUCTION</u>: Record how the hand skin pigmentation data will be captured.</p> <p>1 Electronically 2 Electronic data captured manually (Go to SKM_C210) (DK, RF not allowed)</p>
SKM_N132	<p><u>INSTRUCTION</u>: Press < ON/MEASURES > to take the first hand skin pigmentation measurement.</p> <p>Press < 1 > to continue.</p> <p>1 Continue DK, RF (Go to SKM_C220)</p>
SKM_N132A	<p><u>INSTRUCTION</u>: Press <1> to save the measurements in Blaise.</p> <p>1 Save the measurements (DK, RF not allowed)</p>
SKM_N132B	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B210) (DK, RF not allowed)</p>

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SKM_N133	<p><u>INSTRUCTION</u>: Press < ON/MEASURES > to take the second hand skin pigmentation measurement.</p> <p>Press < 1 > to continue</p> <p>1 Continue DK, RF (Go to SKM_C220)</p>
SKM_N133A	<p><u>INSTRUCTION</u>: Press <1> to save the measurements in Blaise.</p> <p>1 Save the measurements (DK, RF not allowed)</p>
SKM_N133B	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B211) (DK, RF not allowed)</p>
SKM_N134	<p><u>INSTRUCTION</u>: Press < ON/MEASURES > to take the third hand skin pigmentation measurement.</p> <p>Press < 1 > to continue.</p> <p>1 Continue DK, RF (Go to SKM_C220)</p>
SKM_N134A	<p><u>INSTRUCTION</u>: Press <1> to save the measurements in Blaise.</p> <p>1 Save the measurements (DK, RF not allowed)</p>
SKM_N134B	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B212) (DK, RF not allowed)</p>
SKM_D135 Programmer:	<p><i>If the difference between any two of SKM_B210.SKR_N1A, SKM_B211.SKR_N1A, SKM_B212.SKR_N1A is > 10 units, OR If the difference between any two of SKM_B210.SKR_N2A, SKM_B211.SKR_N2A, SKM_B212.SKR_N2A is > 10 units, go to SKM_N136.</i></p> <p><i>Otherwise, go to SKM_C210</i></p>
SKM_N136	<p><u>INSTRUCTION</u>: Press < ON/MEASURES > to take the fourth hand skin pigmentation measurement.</p> <p>Press < 1 > to continue.</p> <p>1 Continue DK, RF (Go to SKM_C220)</p>

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SKM_N136A	<p><u>INSTRUCTION</u>: Press <1> to save the measurements in Blaise.</p> <p>1 Save the measurements (DK, RF not allowed)</p>
SKM_N136B	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B213) (DK, RF not allowed)</p>
SKM_C210	<p>If SKM_N131 = 1 (Electronically), go to SKM_C220. Otherwise, go to SKM_B210.</p>
SKM_B210	<p>Call the Skin Pigmentation Recording (SKR) Block.</p>
Programmer:	<p>Pass ^DT_SKR_TEXTE1 = "first" and ^DT_SKR_TEXTE2 = "hand" as a parameters.</p>
SKM_C211	<p>If SKM_B210.SKR_N1A = DK or RF, go to SKM_C220. Otherwise, go to SKM_N211.</p>
SKM_N211	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B210) (DK, RF not allowed)</p>
SKM_B211	<p>Call the Skin Pigmentation Recording (SKR) Block.</p>
Programmer:	<p>Pass ^DT_SKR_TEXTE1 = "second" and ^DT_SKR_TEXTE2 = "hand" as a parameters.</p>
SKM_C212	<p>If SKM_B211.SKR_N1A = DK or RF, go to SKM_C220. Otherwise, go to SKM_N212.</p>
SKM_N212	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B211) (DK, RF not allowed)</p>
SKM_B212	<p>Call the Skin Pigmentation Recording (SKR) Block.</p>
Programmer:	<p>Pass ^DT_SKR_TEXTE1 = "third" and ^DT_SKR_TEXTE2 = "hand" as a parameters.</p>
SKM_C213	<p>If SKM_B212.SKR_N1A = DK or RF, go to SKM_C220. Otherwise, go to SKM_N213.</p>
SKM_N213	<p><u>INSTRUCTION</u>: Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B212) (DK, RF not allowed)</p>

SKM_D213	
Programmer:	<p><i>If the difference between any two of SKM_B210.SKR_N1A, SKM_B211.SKR_N1A, SKM_B212.SKR_N1A is > 10 units,</i> OR <i>If the difference between any two of SKM_B210.SKR_N2A, SKM_B211.SKR_N2A, SKM_B212.SKR_N2A is > 10 units,</i> go to SKM_B213.</p> <p>Otherwise, go to SKM_C220</p>
SKM_B213	Call the Skin Pigmentation Recording (SKR) Block.
SKM_C214	If SKM_B213.SKR_N1A = DK or RF, go to SKM_C220. Otherwise, go to SKM_N214.
SKM_N214	<p><u>INSTRUCTION:</u> Check the skin pigmentation data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to SKM_B213) (DK, RF not allowed)</p>
SKM_C220	<p>If SKM_N21 = DK or SKM_N22 = DK or SKM_N23 = DK or SKM_N24 = DK or SKM_B110.SKR_N1A = DK or SKM_B111.SKR_N1A = DK, or SKM_B112.SKR_N1A = DK, or SKM_B113.SKR_N1A = DK, or SKM_N132 = DK or SKM_N133 = DK or SKM_N134 = DK or SKM_N136 = DK or SKM_B210.SKR_N1A = DK or SKM_B211.SKR_N1A = DK or SKM_B212.SKR_N1A = DK or SKM_B213.SKR_N1A = DK, go to SKM_N220. Otherwise, go to SKM_END.</p>
SKM_N220	<p><u>INSTRUCTION:</u> Why was the component not fully completed?</p> <p>01 Respondent unable to continue for health reasons 02 Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching 04 Equipment problem / technical difficulty 05 Respondent's mental condition 06 No time 20 Other - Specify (Go to SKM_S220) (DK, RF not allowed)</p> <p>Go to SKM_END</p>
SKM_S220	<p>(Why was the component not fully completed?)</p> <p><u>INSTRUCTION:</u> Specify.</p> <hr/> <p>(80 spaces)</p> <p>(DK, RF not allowed)</p>
SKM_END	

Skin Pigmentation Recording (SKR)

SKR_BEG	<p>Import the following variables:</p> <p>DT_SKR_TEXTE1 DT_SKR_TEXTE2</p>
SKR_N1A	<p><u>INSTRUCTION</u>: Record the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 Erythema measurement.</p> <p>(MIN: -240) (MAX: 240)</p> <p>DK, RF</p>
SKR_N1B	<p><u>INSTRUCTION</u>: Re-enter the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 Erythema measurement.</p> <p>(MIN: -240) (MAX: 240)</p> <p>DK, RF</p>
SKR_C1	<p>If SKR_N1A = RF or DK, go to SKR_END. Otherwise, go to SKR_N2A.</p>
SKR_N2A	<p><u>INSTRUCTION</u>: Record the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 Melanin measurement.</p> <p>(MIN: 0) (MAX: 240)</p> <p>(DK, RF not allowed)</p>
SKR_N2B	<p><u>INSTRUCTION</u>: Re-enter the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 Melanin measurement.</p> <p>(MIN: 0) (MAX: 240)</p> <p>(DK, RF not allowed)</p>
SKR_N3A	<p><u>INSTRUCTION</u>: Record the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 L* measurement.</p> <p>(MIN: 0) (MAX: 100)</p> <p>(DK, RF not allowed)</p>
SKR_N3B	<p><u>INSTRUCTION</u>: Re-enter the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 L* measurement.</p> <p>(MIN: 0) (MAX: 100)</p> <p>(DK, RF not allowed)</p>

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SKR_N4A	<p><u>INSTRUCTION</u>: Record the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 a* measurement.</p> <p>(MIN: -120) (MAX: 120)</p> <p>(DK, RF not allowed)</p>
SKR_N4B	<p><u>INSTRUCTION</u>: Re-enter the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 a* measurement.</p> <p>(MIN: -120) (MAX: 120)</p> <p>(DK, RF not allowed)</p>
SKR_N5A	<p><u>INSTRUCTION</u>: Record the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 b* measurement.</p> <p>(MIN: -120) (MAX: 120)</p> <p>(DK, RF not allowed)</p>
SKR_N5B	<p><u>INSTRUCTION</u>: Re-enter the ^DT_SKR_TEXTE1 ^DT_SKR_TEXTE2 b* measurement.</p> <p>(MIN: -120) (MAX: 120)</p> <p>(DK, RF not allowed)</p>
SKR_END	

Anthropometric Component

Anthropometric Component Introduction (ACI)

ACI_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up
CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place
CurrentMonth: numeric month during which clinic visit is taking place
CurrentDay: numeric day during which clinic visit is taking place
SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent
GenderE: English text for sex of respondent
CON_AGE: age of respondent

	ANCREP: whether an anthropometric replicate has been assigned SCS_N12: Visit Type (3= clinic visit; 4= home visit)
ACI_C01A	If ANCREP=1, go to ACI_R01. Otherwise, go to ACI_R02.
ACI_R01	You have been randomly selected to repeat the anthropometric component where we take body measurements such as your height and weight. You did nothing wrong when these measurements were taken earlier. We repeat these measurements with about 1 out of every 10 participants as a way to ensure consistency of the results.
	Do you have any questions?
	<u>INSTRUCTION:</u> Accompany the respondent to the waiting room and ask him/her to have a seat. Inform the respondent that an HMS will arrive shortly to complete the replicate anthropometric component.
	Inform the next available HMS that a respondent has been selected for a replicate and is sitting in the waiting area. Ensure you mention the name of the selected respondent as there may be several respondents in the waiting room.
	Press <1> to continue.
Programmer:	Allow 'DK' as a response category.
ACI_C01B	If ACI_R01 = DK, go to ACI_END. Otherwise, go to ACI_D02.
ACI_R02	Next will be a series of body measurements.
	<u>INSTRUCTION:</u> Press <1> to continue.
Programmer:	Allow 'DK' as a response category.
ACI_C02	If ACI_R02 = DK, go to ACI_END. Otherwise, go to ACI_D02.
ACI_D02 Programmer:	<pre> IF SCS_N12 = 4 THEN ACI_D02 = EMPTY ELSE IF ACI_R02 = 1 and ACI_D02 = EMPTY THEN Set ACI_D02 = Current Time (in HH:MM:SS format) ELSE IF ACI_R01 = 1 THEN Set ACI_D02 = Current Time (in HH:MM:SS format) ENDIF ENDIF </pre>
ACI_END	

Height and Weight Measurements (HWM)

HWM_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year

during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

CON_SEX: sex of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

PHC_Q11: whether the respondent is pregnant

PHC_Q12: number of weeks of pregnancy

ACI_R01: anthropometry Component replicate introduction

ACI_R02: anthropometry component introduction

HWM_C10

If ACI_R01 = DK or ACI_R02 = DK, go to HWM_N60.

Otherwise, go to HWM_R11.

HWM_R11

I'm going to start by measuring how tall you are. Please remove your shoes and stand with your feet together and your heels, buttocks, back, and head in contact with the measuring device. Look straight ahead and stand as tall as possible.

Now, take a deep breath in and hold it.

INSTRUCTION: Ensure the respondent's head is in the Frankfort plane and all hair ties or ornaments (e.g., buns, braids, clips) have been removed.

Take the measurement while the breath is being held.

Press <1> to continue

HWM_N11

INSTRUCTION: Record how the data will be captured.

- 1 Electronically
 - 2 Manually with a portable device (Go to HWM_N11B)
 - 3 Self-report (Go to HWM_N11B)
 - 4 Electronic data entered manually
- (DK, RF not allowed)

HWM_N11A	<p><u>INSTRUCTION</u>: Ensure that the stadiometer is set to millimeters (mm).</p> <p>Press the "Send" button on the left side of the digital display box or the "Data" button on the SPC (send to PC) device.</p> <p>(MIN: 770.00) (MAX: 2070.90) (DK, RF not allowed)</p>
HWM_C11	<p>If HWM_N11 = 4, go to HWM_N11D. Otherwise, go to HWM_D11.</p>
HWM_N11B	<p><u>INSTRUCTION</u>: Record the standing height in centimetres.</p> <p>(MIN: 19.00) (MAX: 207.60)</p> <p>DK, RF (Go to HWM_D11)</p>
HWM_N11C	<p><u>INSTRUCTION</u>: Re-enter the standing height in centimetres.</p> <p>(MIN: 19.00) (MAX: 207.60)</p> <p>DK, RF</p> <p>Go to HWM_D11</p>
HWM_N11D	<p><u>INSTRUCTION</u>: Re-enter the standing height in millimeters.</p> <p> _ _ _ Millimeters (MIN: 770.00) (MAX: 2070.90)</p> <p>DK, RF</p>
HWM_D11 Programmer:	<p>Set standing height in centimeters and derive standing height in inches (HWM_D11). IF HWM_N11 = 1 or 4 THEN HWM_Q11 = Round((HWM_N11A / 10), .01) ELSE HWM_Q11 = HWM_N11B ENDIF</p> <p>IF HWM_Q11 = RESPONSE THEN HWM_D11 = Round((HWM_Q11 * 0.3937), .1) ENDIF</p>
HWM_C11A	<p>If HWM_Q11 = DK, go to HWM_S11. Otherwise, go to HWM_C11B.</p>
HWM_S11	<p><u>INSTRUCTION</u>: Specify the reason why the measurement could not be taken.</p> <hr/> <p>(80 spaces)</p> <p>(DK, RF not allowed)</p>

HWM_C11B	If HWM_N11 = 3, go to HWM_R13. Otherwise, go to HWM_R12.
HWM_R12	<p>Next, I'd like you to sit on this box so that I can measure how tall you are when you are sitting. Sit with your back and head against the measuring device. Put your hands on your lap and keep your legs still. Look straight ahead and sit up as straight as possible.</p> <p>Now, take a deep breath in and hold it.</p> <p><u>INSTRUCTION:</u> Ensure the respondent's head is in the Frankfort plane.</p> <p>Ensure the respondent does not contract the gluteal muscles nor push with the legs.</p> <p>Take the measurement while the breath is being held. Press <1> to continue.</p>
HWM_C12A	If HWM_N11 = 1 or 4, go to HWM_N12A. Otherwise, go to HWM_N12B.
HWM_N12A	<p><u>INSTRUCTION:</u> Ensure that the stadiometer is set to millimetres (mm).</p> <p>Press the "Send" button on the left side of the digital display box or the "Data" button on the SPC (send to PC) device.</p> <p>(MIN: 770.00) (MAX: 2070.90)</p> <p>DK, RF (Go to HWM_D12)</p>
HWM_C12B	If HWM_N11 = 4, go to HWM_N12D. Otherwise, go to HWM_D12.
HWM_N12B	<p><u>INSTRUCTION:</u> Record the sitting height in centimetres.</p> <p>(MIN: 73.00) (MAX: 207.60)</p> <p>DK, RF (Go to HWM_D12)</p>
HWM_N12C	<p><u>INSTRUCTION:</u> Re-enter the sitting height in centimetres.</p> <p>(MIN: 73.00) (MAX: 207.60)</p> <p>DK, RF Go to HWM_D12</p>
HWM_N12D	<p><u>INSTRUCTION:</u> Re-enter the sitting height in millimeters.</p> <p>(MIN: 770.00) (MAX: 2070.90)</p> <p>DK, RF</p>

HWM_D12
Programmer

Set sitting height in centimeters and derive sitting height in inches (HWM_D12).
 IF HWM_N11 = 1 or 4 THEN
 IF HWM_N12A = RESPONSE THEN
 HWM_Q12 = Round(((HWM_N12A / 10) - 73), .01)
 ELSE
 HWM_Q12 = HWM_N12A
 ENDIF
 ELSE
 IF HWM_N12B = RESPONSE THEN
 HWM_Q12 = (HWM_N12B - 73)
 ELSE
 HWM_Q12 = HWM_N12B
 ENDIF
 ELSE
 IF HWM_Q12 = RESPONSE THEN
 HWM_D12 = Round((HWM_Q12 * 0.3937), .1)
 ENDIF

HWM_C12C

If HWM_Q12 = DK, go to HWM_S12.
 Otherwise, go to HWM_R13.

HWM_S12

INSTRUCTION: Specify the reason why the measurement could not be taken.

(80 spaces)

(DK, RF not allowed)

HWM_R13

Next I'm going to measure how much you weigh. Please empty your pockets, remove all heavy accessories, step onto the centre of the scale and face me. Keep your hands at your sides and look straight ahead.

INSTRUCTION: Ensure the respondent has on only minimal clothing (no shoes), has nothing in his/her pockets and has removed all heavy accessories (e.g., a watch, belt, pair of glasses).

Press <1> to continue.

HWM_N13

INSTRUCTION: Record how the data will be captured.

- 1 Electronically
 - 2 Manually with a portable device (Go to HWM_N13B)
 - 3 Self-report (Go to HWM_N13B)
 - 4 Electronic data entered manually (Go to HWM_N13B)
- (DK, RF not allowed)

HWM_N13A

INSTRUCTION: Ensure the scale is set to kilograms (kg).

Press <Print> on the scale.

Press <1> to save the measurement in Blaise.

- 1 Save the measurement
- (DK, RF not allowed)

HWM_R13A	<p><u>INSTRUCTION</u>: Check the data returned from the scale.</p> <p>Press <1> to continue.</p> <p>Go to HWM_C14A</p>
HWM_N13B	<p><u>INSTRUCTION</u>: When the measurement is stable, record the weight in kilograms.</p> <p>(MIN: 0.5) (MAX: 500.0)</p> <p>DK, RF (Go to HWM_D13)</p>
HWM_N13C	<p><u>INSTRUCTION</u>: Re-enter the weight in kilograms.</p> <p>(MIN: 0.5) (MAX: 500.0)</p> <p>DK, RF</p>
HWM_D13 Programmer:	<p><i>Set weight in kilograms and derive weight in pounds (HWM_D13).</i></p> <pre> IF HWM_N13 = 1 THEN HWM_Q13 = HWM_N13A ELSE HWM_Q13 = HWM_N13B ENDIF IF HWM_Q13 = RESPONSE THEN HWM_D13 = Round((HWM_Q13 * 2.205), .1) ENDIF </pre>
HWM_C13	<p>If HWM_Q13 = DK, go to HWM_S13. Otherwise, go to HWM_C14A.</p>
HWM_S13	<p><u>INSTRUCTION</u>: Specify the reason why the measurement could not be taken.</p> <hr/> <p>(80 spaces)</p> <p>(DK, RF not allowed)</p>
HWM_C14A	<p>If PHC_Q11 = 1, go to HWM_C20. Otherwise, go to HWM_R14.</p>
HWM_R14	<p>Now I'm going to measure your waist circumference. Please stand up straight with your arms hanging loosely at your sides, and breathe normally. I may need to move your clothing slightly because the measurement has to be taken directly on the skin. In order to ensure I have the correct position, I am going to feel for certain landmarks and make a few small marks on your skin with a washable marker where the tape measure is to go. When I'm done, I'll remove them with a wipe.</p> <p><u>INSTRUCTION</u>: Landmark both sides.</p> <p>Read the measurement at the right side of the body.</p>

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Take the measurement at the end of a normal expiration.

Press <1> to continue.

HWM_N14A

INSTRUCTION: Record the waist circumference in centimetres.

(MIN: 0.1)
(MAX: 305.0)

DK, RF (Go to HWM_D14)

HWM_N14B

INSTRUCTION: Re-enter the waist circumference in centimetres.

(MIN: 0.1)
(MAX: 305.0)

DK, RF

HWM_D14

Programmer:

Set waist circumference in centimeters and derive waist circumference in inches (HWM_D14).

HWM_Q14 = HWM_N14A

*IF HWM_Q14 = RESPONSE THEN
HWM_D14 = Round((HWM_Q14 * 0.3937), .1)
ENDIF*

HWM_C14B

If HWM_Q14 = DK, go to HWM_S14.
Otherwise, go to HWM_R15.

HWM_S14

INSTRUCTION: Specify the reason why the measurement could not be taken.

(80 spaces)

(DK, RF not allowed)

HWM_R15

Now I'm going to measure your hip circumference. Please stand up straight with your feet together, your arms hanging loosely at your sides, and breathe normally. I may need to move your clothing slightly to ensure the measurement is accurate.

INSTRUCTION: Read the measurement at the right side of the body.

Press <1> to continue.

HWM_N15A

INSTRUCTION: Record the hip circumference in centimetres.

(MIN: 0.1)
(MAX: 305.0)

DK, RF (Go to HWM_D15)

HWM_N15B	<p><u>INSTRUCTION</u>: Re-enter the hip circumference in centimetres.</p> <p>(MIN: 0.1) (MAX: 305.1)</p> <p>DK, RF</p>
HWM_D15 Programmer:	<p>Set hip circumference in centimeters and derive hip circumference in inches (HWM_D15).</p> <p>$HWM_Q15 = HWM_N15A$</p> <p>IF HWM_Q15 = RESPONSE THEN $HWM_D15 = Round((HWM_Q15 * 0.3937), .1)$ ENDIF</p>
HWM_C15	<p>If HWM_Q15 = DK, go to HWM_S15. Otherwise, go to HWM_D20.</p>
HWM_S15	<p><u>INSTRUCTION</u>: Specify the reason why the measurement could not be taken.</p> <hr/> <p>(80 spaces)</p> <p>(DK, RF not allowed)</p>
HWM_C20	<p>If ANCREP = 1, go to HWM_D21. Otherwise, go to HWM_D20.</p>
HWM_D20	<p>If PHC_Q11=1, DT_HWMTEXT20E = "EMPTY".</p> <p>Otherwise, DT_HWMTEXT20E = "In case you are selected, I will now erase the marks I put on your skin to ensure that they do not influence a possible second set of measurements.".</p> <p>If PHC_Q11=1, DT_HWMINT20E = "EMPTY".</p> <p>Otherwise, DT_HWMINT20E = "Use a wipe to wash off all marks on the respondent's skin.".</p>
HWM_R20	<p>At the end of the appointment, we may need to repeat the measurements I have just completed. The computer randomly selects people to be re-measured for quality control purposes. [EMPTY/In case you are selected, I will now erase the marks I put on your skin to ensure that they do not influence a possible second set of measurements.]</p> <p><u>INSTRUCTION</u>: Press <1> to continue.</p> <p>[EMPTY/Use a wipe to wash off all marks on the respondent's skin.]</p>
HWM_D21 Programmer:	<p>Calculate the body mass index.</p>
HWM_D22 Programmer:	<p>Calculate the body mass index norms for respondents 18 or older.</p>

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HWM_D23
 Programmer: Calculate the body mass index norms for respondents less than 18.

HWM_D24
 Programmer: Calculate the waist circumference norms for respondents 15 - 69.

HWM_D25
 Programmer: Calculate the waist-to-hip ratio.

HWM_C59
 If 1 = 1, go to HWM_END.
 Otherwise, go to HWM_END.

HWM_N60
INSTRUCTION: Why was the component not fully completed?
 01 Respondent unable to
 continue for health reasons
 06 No time
 20 Other - Specify (Go to HWM_S60)
 (DK, RF not allowed)
 Go to HWM_END

HWM_S60
 (Why was the component not fully completed?)
INSTRUCTION: Specify.

(80 spaces)
 (DK, RF not allowed)

HWM_END

Blood Pressure Component

Blood Pressure Measurement (BPM)

BPM_BEG

External variables required:

Variables taken from sample file:
 STAND: name of the city/town/village in which the clinic has been set up
 CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation:
 CurrentYear: numeric year during which clinic visit is taking place
 CurrentMonth: numeric month during which clinic visit is taking place
 CurrentDay: numeric day during which clinic visit is taking place
 SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:
 RespondentName: name of respondent
 CON_SEX: sex of respondent
 GenderE: English text for sex of respondent
 CON_AGE: age of respondent

HWM_Q11: standing height (in centimetres)
 SCS_N12: visit type (3= clinic visit; 4= home visit)
 PHC_Q57B: indicator of which side the respondent has had a mastectomy

BPM_N101 INSTRUCTION: Record how the first set of data will be captured.

- 1 Electronically (BpTRU)
 - 3 BpTRU data entered manually (Go to BPM_B110)
 - DK (Go to BPM_N600)
- (RF is not allowed)

Programmer: *If BPM_N101= 3 is selected, please do not pre-fill the values with previous data.*

BPM_D101

Programmer: *IF SCS_N12 = 4 THEN
 BPM_D101 = EMPTY
 ELSE
 If BPM_N101 = RESPONSE and BPM_D101 = EMPTY,
 Set BPM_D101 = Current Time (in HH:MM:SS format)
 ENDIF*

BPM_D101B *If PHC_Q57B = 1, DT_ARME = "left".
 Otherwise, DT_ARME = "right".*

BPM_Q101A **Now I will take your blood pressure and heart rate using an automated blood pressure cuff. During this test you will need to sit up straight with your feet flat on the floor, your back against the back rest of the chair, and your [left/right] arm on the table.**

INSTRUCTION:
 - Ensure the BpTRU is communicating with Health Listener
 - Set the BpTRU to cycle 1 (1 - minute intervals)
 - Turn the BpTRU away from the respondent.

Press <1> to continue.

- 1 Continue (DK is not allowed)
- RF (Go to BPM_END)

BPM_D102B **If CON_AGE < 14, DT_BPM102TEXTE = "The cuff will fill with air and it will squeeze your arm a little. It will do this 6 times. During the test you cannot talk. You need to sit really still and keep both feet flat on the floor. You should stay relaxed to ensure we get good results. Before we start, I will leave you alone to sit and relax for 5 minutes. I will then come back to start the machine. It is very important that we don't talk until the test is done."**
 Otherwise, DT_BPM102TEXTE = **"The cuff will inflate automatically once every minute, applying pressure to your arm. A total of 6 measures will be taken. I will stay in the room for the first measurement then I will leave the room. Although I will not be present during the test, should you require assistance, I will be just outside the room. You should not move or talk during the test, and you need to keep both feet flat on the floor. It is important that you stay relaxed to ensure we get good results. Before we begin, I will leave you alone to sit and relax for 5**

minutes. I will then return to start the machine. I ask that you do not talk when I return to take the first measurement."

BPM_Q102

ADT_BPM102TEXTE. Do you have any questions before we begin?

INSTRUCTION:

- Answer any questions as thoroughly as possible.
- Select the appropriate cuff size by using the range indicated on the inside of the cuff.
- Secure the cuff on the respondent's [left/right] arm.
- Ensure respondent is in the correct position (palm down, feet flat, arm and back rested, relaxed).
- Start the stopwatch to return to the room after 5 minutes.
- After the 5-minute rest period, return to the room and press the <Start> button on the BpTRU.
- Stay in the room for the first measure and write down the result.
- Press CTL-ALT-DELETE and then ENTER to lock the computer before leaving the room.

Press <1> to continue.

1 Continue
(DK, RF not allowed)

BPM_N105

INSTRUCTION: Press <1> to save the measurements in Blaise.

1 Save the measurements (Go to BPM_D160A)
(DK, RF not allowed)

BPM_B110

Call the Blood Pressure Recording (BPR) block.

BPM_C111

If BPM_B110.BPR_N1A = RF, go to BPM_END.
Otherwise, go to BPM_B111.

BPM_B111

Call the Blood Pressure Recording (BPR) block.

BPM_C112

If BPM_B111.BPR_N1A = RF, go to BPM_N160.
Otherwise, go to BPM_B121.

BPM_B121

Call the Blood Pressure Recording (BPR) block.

BPM_B131

Call the Blood Pressure Recording (BPR) block.

BPM_B141

Call the Blood Pressure Recording (BPR) block.

BPM_B151

Call the Blood Pressure Recording (BPR) block.

BPM_D160A

Programmer:

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IF any three of (BPM_B111.BPR_N4, BPM_B121.BPR_N4, BPM_B131.BPR_N4,
BPM_B141.BPR_N4 and BPM_B151.BPR_N4) or (BPM_B111.DT_BPR_N4, BPM_B121.
DT_BPR_N4, BPM_B131. DT_BPR_N4, BPM_B141. DT_BPR_N4 and BPM_B151. DT_BPR_N4)
THEN
    BPM_D160A = 1
ENDIF
```

BPM_D160B	If BPM_N105 = 1, DT_BPM160INSTE = " Press <Clear> on the BPTru screen. ". Otherwise, DT_BPM160INSTE = "EMPTY".
BPM_N160	<u>INSTRUCTION</u> : Check the blood pressure and heart rate data. [Press <Clear> on the BPTru screen./EMPTY] 1 Accept the measurements 2 Re-do the measurements (DK, RF not allowed)
Help text:	Select "Re-do the measurements" if the blood pressure measurements are invalid. For example: · There was a noteworthy distraction or noise in the room while the measurement was being taken (e.g., something fell from a shelf or desk, likely startling the respondent); or · The protocol was not respected (e.g., the respondent is not in the correct position, moves or talks during the measurements). · The measurements were stopped before obtaining three or more valid measures (e.g., error code 6)
BPM_N161	<u>INSTRUCTION</u> : Was anyone in the room with the respondent (e.g., HMS, parent or guardian) when the blood pressure measurements were taken? 1 Yes 2 No (DK, RF not allowed)
BPM_C161	If BPM_N160 = 2, go to BPM_C201. Otherwise, go to BPM_D161.
BPM_D161	
Programmer:	Calculate the first average systolic blood pressure.
BPM_D162	
Programmer:	Calculate the first average diastolic blood pressure.
BPM_D163	
Programmer:	Calculate the first average resting heart rate.
BPM_C164	If BPM_D160A = 1, go to BPM_N201. Otherwise, go to BPM_D402.
BPM_N201	<u>INSTRUCTION</u> : Record how the second set of data will be captured. 1 Electronically (BpTRU) 3 BpTRU data entered manually (Go to BPM_B210) (DK, RF not allowed)
BPM_Q201	There were too many errors with that set of measurements, so we have to do the test again. I will retake your blood pressure and heart rate. Remember, you should not move or talk during the test, and you need to keep both feet flat on the floor. It's important that you stay relaxed to ensure we get good results.

INSTRUCTION:

- Ensure the BpTRU is communicating with Health Listener.
- Set the BpTRU to cycle 1.
- Turn the BpTRU away from the respondent.
- Answer any questions as thoroughly as possible.
- Select the appropriate cuff size by using the range indicated on the inside of the cuff.
- Secure the cuff on the respondent's [left/right] arm.
- Ensure respondent is in the correct position (palm down, feet flat, arm and back rested, relaxed).
- Start the BpTRU.
- Stay in the room for the first measure and write down the result.
- Press CTL-ALT-DELETE and then ENTER to lock the computer before leaving the room.

1 Press <1> to continue.

(DK is not allowed)

RF

(Go to BPM_D402)

BPM_N205

INSTRUCTION: Press <1> to save the measurements in Blaise.

1 Save the measurements

(Go to BPM_D260A)

(DK, RF not allowed)

BPM_B210

Call the Blood Pressure Recording (BPR) block.

BPM_C211

If BPM_B210.BPR_N1A = RF, go to BPM_D402.
Otherwise, go to BPM_B211.

BPM_B211

Call the Blood Pressure Recording (BPR) block.

BPM_B221

Call the Blood Pressure Recording (BPR) block.

BPM_B231

Call the Blood Pressure Recording (BPR) block.

BPM_B241

Call the Blood Pressure Recording (BPR) block.

BPM_B251

Call the Blood Pressure Recording (BPR) block.

BPM_D260A

Programmer:

*If any three of (BPM_B211.BPR_N4, BPM_B221.BPR_N4, BPM_B231.BPR_N4, BPM_B241.BPR_N4 and BPM_B251.BPR_N4) or (BPM_B211.DT_BPR_N4, BPM_B221.DT_BPR_N4, BPM_B231.DT_BPR_N4, BPM_B241.DT_BPR_N4 and BPM_B251.DT_BPR_N4) = RESPONSE THEN
BPM_D260A = 1
ENDIF*

BPM_D260B

If BPM_N205 = 1, DT_BPM260INSTE = "**Press <Clear> on the BPTru screen.**".
Otherwise, DT_BPM260INSTE = "EMPTY".

BPM_N260

INSTRUCTION: Check the blood pressure and heart rate data.
[Press <Clear> on the BPTru screen./EMPTY]

1 Accept the measurements

2 Reject the measurements

(DK, RF not allowed)

Help text:	Select "Reject the measurements" if the blood pressure measurements are invalid. For example: · There was a noteworthy distraction or noise in the room while the measurement was being taken (e.g., something fell from a shelf or desk, likely startling the respondent); · The protocol was not respected (e.g., the respondent is not in the correct position, moves or talks during the measurements).
BPM_N261	INSTRUCTION: Was anyone in the room with the respondent (e.g., HMS, parent or guardian) when the blood pressure measurements were taken? 1 Yes 2 No (DK, RF not allowed)
BPM_C261B	If BPM_N260 = 2, go to BPM_D402. Otherwise, go to BPM_D261.
BPM_D261	
Programmer:	Calculate the second average systolic blood pressure.
BPM_D262	
Programmer:	Calculate the second average diastolic blood pressure.
BPM_D263	
Programmer:	Calculate the second average resting heart rate.
BPM_D402	
Content type:	NOTE TO DATA USERS: If two sets of blood pressure measurements are taken, the set with the greatest number of valid measurements is used to set the final resting blood pressure and heart rate results.
Programmer:	<pre> IF BPM_D260A = 1 or BPM_D261 = EMPTY OR 999 THEN IF BPM_D160A = 1 or BPM_D161 = EMPTY OR 999 THEN IF BPM_D261 = RESPONSE AND BPM_D262 = RESPONSE AND BPM_D263 = RESPONSE THEN IF BPM_D161 = RESPONSE AND BPM_D162 = RESPONSE AND BPM_D163 = RESPONSE THEN IF second set has more valid measures than first set* THEN BPM_D314 = BPM_D261 BPM_D315 = BPM_D262 BPM_D316 = BPM_D263 ELSE BPM_D314 = BPM_D161 BPM_D315 = BPM_D162 BPM_D316 = BPM_D163 ENDIF ELSE BPM_D314 = BPM_D261 BPM_D315 = BPM_D262 BPM_D316 = BPM_D263 ENDIF ELSE IF BPM_D161 = RESPONSE AND BPM_D162 = RESPONSE AND BPM_D163 = RESPONSE THEN BPM_D314 = BPM_D161 BPM_D315 = BPM_D162 BPM_D316 = BPM_D163 ELSE BPM_D314 = EMPTY BPM_D315 = EMPTY </pre>

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        BPM_D316 = EMPTY
    ENDIF
ENDIF
ELSE
    BPM_D314 = BPM_D161
    BPM_D315 = BPM_D162
    BPM_D316 = BPM_D163
ENDIF
ELSE
    IF BPM_D160A = 1 or BPM_D161 = EMPTY OR 999 THEN
        BPM_D314 = BPM_D261
        BPM_D315 = BPM_D262
        BPM_D316 = BPM_D263
    ELSE
        BPM_D314 = BPM_D161
        BPM_D315 = BPM_D162
        BPM_D316 = BPM_D163
    ENDIF
ENDIF
ENDIF

```

* a valid measure within a set has N1A = RESPONSE and N2A = RESPONSE and N3A = RESPONSE

BPM_D403

Programmer:

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BPM_D317 = BPM_D314
BPM_D318 = BPM_D315
BPM_D319 = BPM_D316

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BPM_D411A

Programmer:

Calculate the blood pressure norms for respondents 18 or older.

BPM_C411

If BPM_D411A = RESPONSE and BPM_D411A > 2, go to BPM_D411B.
Otherwise, go to BPM_D412A.

BPM_D411B

If BPM_D411A = 3, DT_BPM411TEXTE = "**above the acceptable range**".
If BPM_D411A = 4, DT_BPM411TEXTE = "**moderately high**".
If BPM_D411A = 5, DT_BPM411TEXTE = "**high**".
If BPM_D411A = 6, DT_BPM411TEXTE = "**very high**".

If BPM_D411A = 6, DT_BPM411TEXT2E = "**Your average blood pressure today was ^BPM_D317 / ^BPM_D318 mmHg, which means your blood pressure is very high. You should see a doctor or clinic today, or go to a hospital emergency room, to have your blood pressure re-checked.**

Because of these results, we will not continue with your clinic visit."

Otherwise, DT_BPM411TEXT2E = "EMPTY".

If BPM_D411A = 6, DT_BPM411INSTE = ". **Answer any questions as thoroughly as possible**
· **Skip each of the remaining components by entering "DK" at the first question and selecting "Respondent unable to continue for health reasons"**
· **Sign the blood pressure reporting letter and ensure that the exit and sign-out components are completed as soon as possible."**

Otherwise, DT_BPM411INSTE = "**The respondent's average blood pressure was ^BPM_D317 / ^BPM_D318 mmHg, which means their blood pressure is ^DT_BPM411TEXTE. A blood pressure reporting letter will be generated at the end of the clinic visit."**

BPM_R411	<p>^DT_BPM411TEXT2E</p> <p><u>INSTRUCTION:</u> ^DT_BPM411INSTE</p> <p>Go to BPM_END</p>																					
BPM_D412A																						
Programmer:	<p>Calculate the blood pressure norms for respondents less than 18. See the DV "include" file.</p>																					
BPM_C412	<p>If BPM_D412A = RESPONSE and BPM_D412A > 2, go to BPM_D412B. Otherwise, go to BPM_C599.</p>																					
BPM_D412B	<p>If BPM_D412A = 4, DT_BPM412TEXTE = "Your average blood pressure today was ^BPM_D317 / ^BPM_D318 mmHg, this means your blood pressure is very high. You should see a doctor or clinic today, or go to a hospital emergency room, to have your blood pressure re-checked.</p> <p>Because of these results we will not continue with your clinic visit." Otherwise, DT_BPM412TEXTE = "EMPTY" If BPM_D412A = 4, DT_BPM412INSTE = ". Answer any questions as thoroughly as possible</p> <ul style="list-style-type: none"> · Skip each of the remaining components by entering "DK" at the first question and selecting "Respondent unable to continue for health reasons" · Sign the blood pressure reporting letter and ensure that the exit and sign-out components are completed as soon as possible." <p>Otherwise, DT_BPM412INSTE = "The respondent's average blood pressure was ^BPM_D317 / ^BPM_D318 mmHg, this means their blood pressure was high. A blood pressure reporting letter will be generated at the end of the clinic visit."</p>																					
BPM_R412	<p><u>^DT_BPM412TEXTE</u></p> <p><u>INSTRUCTION:</u> ^DT_BPM412INSTE</p> <p>Press <1> to continue.</p> <p>Go to BPM_END</p>																					
BPM_C599	<p>If BPM_D317 = RESPONSE, go to BPM_END. Otherwise, go to BPM_N600.</p>																					
BPM_N600	<p><u>INSTRUCTION:</u> Why was the component not fully completed?</p> <table border="0"> <tr> <td>01</td> <td>Respondent unable to continue for health reasons</td> <td></td> </tr> <tr> <td>02</td> <td>Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching</td> <td></td> </tr> <tr> <td>03</td> <td>Respondent refuses to continue</td> <td></td> </tr> <tr> <td>04</td> <td>Equipment problem / technical difficulty</td> <td></td> </tr> <tr> <td>05</td> <td>Respondent's mental condition</td> <td></td> </tr> <tr> <td>06</td> <td>No time</td> <td></td> </tr> <tr> <td>20</td> <td>Other - Specify</td> <td>(Go to BPM_S600)</td> </tr> </table> <p>(DK, RF not allowed)</p> <p>Go to BPM_END</p>	01	Respondent unable to continue for health reasons		02	Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching		03	Respondent refuses to continue		04	Equipment problem / technical difficulty		05	Respondent's mental condition		06	No time		20	Other - Specify	(Go to BPM_S600)
01	Respondent unable to continue for health reasons																					
02	Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching																					
03	Respondent refuses to continue																					
04	Equipment problem / technical difficulty																					
05	Respondent's mental condition																					
06	No time																					
20	Other - Specify	(Go to BPM_S600)																				

BPM_S600

(Why was the component not fully completed?)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

BPM_END

Blood Pressure Recording (BPR)

BPR_BEG

External variables required:

BPM_N101: record how the data will be captured.

BPM_N201: record how the data will be captured.

BPR_N1A

INSTRUCTION: Record the systolic blood pressure measurement.

|_|_|_| Systolic blood pressure (in mmHg)

(MIN: 30)

(MAX: 300)

DK, RF

BPR_N1B

INSTRUCTION: Re-enter the systolic blood pressure measurement.

|_|_|_|

(MIN: 30)

(MAX: 300)

DK, RF

BPR_C2

If BPR_N1A = RF, go to BPR_END.

Otherwise, go to BPR_N2A.

BPR_N2A

INSTRUCTION: Record the diastolic blood pressure measurement.

|_|_|_| Diastolic blood pressure (in mmHg)

(MIN: 30)

(MAX: 200)

DK

(RF is not allowed)

BPR_N2B

INSTRUCTION: Re-enter the diastolic blood pressure measurement.

|_|_|_|

(MIN: 30)

(MAX: 200)

DK

(RF is not allowed)

BPR_N3A

INSTRUCTION: Record the heart rate.

|_|_|_| Heart rate (in beats per minute)
(MIN: 30)
(MAX: 200)

DK
(RF is not allowed)

BPR_N3B

INSTRUCTION: Re-enter the heart rate.

|_|_|_|
(MIN: 30)
(MAX: 200)

DK
(RF is not allowed)

BPR_C4

If BPR_N1A = DK or BPR_N2A = DK, go to BPR_N4.
Otherwise, go to BPR_END.

BPR_N4

INSTRUCTION: Record the reason why the measurement could not be taken.

Mark all that apply.

- 00 Too few pulses detected
 - 01 Excessive motion artifacts
 - 06 Deflation too fast
 - 08 Low pulse amplitude
 - 20 Indeterminate systolic blood pressure
 - 21 Indeterminate diastolic blood pressure
 - 23 Systolic blood pressure under-range
 - 24 Diastolic blood pressure under-range
 - 25 Systolic blood pressure over-range
 - 26 Diastolic blood pressure over-range
 - 88 Other - Specify (Go to BPR_S5)
- (DK, RF not allowed)

BPR_C5

If BPR_N4 = 88, go to BPR_S5.
Otherwise, go to BPR_END.

BPR_S5

(Record the reason why the measurement could not be taken.)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

BPR_END

Activity Monitor Component (AM)

AM_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

DateMailBackE: English text of date 8 days after the clinic visit

Variables output from Clinic Shell:

DateMailBackE: English text of date 8 days after the clinic visit

Variables from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

IAS_N32: the waybill number of the postage-paid envelope

SCS_N12: Visit type (3= clinic visit; 4= home visit)

AM_N11

INSTRUCTION: Record whether an activity monitor is available.

1 Yes

2 No

(Go to AM_END)

DK

(Go to AM_N90)

(RF is not allowed)

AM_D11

Programmer:

IF SCS_N12 = 4 THEN

AM_D11 = EMPTY

ELSE

IF AM_N11 = RESPONSE and AM_D11 = EMPTY,

Set AM_D11 = Current Time (in HH:MM:SS format)

ENDIF

AM_R11

It is crucial to obtain information about Canadians' daily activity patterns. As a result, this survey will be measuring your daily activity patterns over a 7 day period. In order to do this, we would like you to wear an activity monitor for the next 7 days.

An activity monitor is a small battery-operated electronic device that is worn on a belt around the waist, on the right hip bone. The monitor records all daily activities as electronic signals. It is pre-programmed to start recording tomorrow morning, there is no activation required and it does not need to be turned on or off.

INSTRUCTION: Hold up the activity monitor (on the belt) for display.

Press <1> to continue.

AM_Q11

The activity monitor is to be worn for the next 7 days and mailed back after the 7 days are over. Do you have any questions before we proceed?

INSTRUCTION: Answer any questions as thoroughly as possible.

Press <1> to continue.

1 Continue (Go to AM_R21)
(DK is not allowed)
RF

AM_N12

INSTRUCTION: Record the reason why the respondent is not willing to wear an activity monitor for the next 7 days.

01 Burden
02 Invasive
03 Aesthetics
04 Away during the collection period
05 Anticipating change in normal activity
06 Sick or laid up
07 Worried about losing or damaging the device
08 Other - Specify (Go to AM_S12)
(DK, RF not allowed)

Go to AM_END

AM_S12

(Record the reason why the respondent is not willing to wear an activity monitor for the next 7 days.)

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

Go to AM_END

AM_R21

We ask that you start wearing this monitor as soon as you wake up tomorrow morning and that you keep wearing it for 7 full days.

- **Place it on your right hip bone with the arrow pointing up and the belt snug.**
- **You can wear it over or under your clothes.**
- **It is important that you put on the activity monitor as soon as you wake up in the morning and take it off only when going to bed at night. We do not want to miss a step!**
- **Since the device is waterproof please wear it all day long without interruption (when showering, swimming, taking a nap, etc.).**

Please do not alter your usual physical activity behaviour, since we are interested in your normal activity level.

INSTRUCTION: Assist the respondent in putting the belt on. Check to ensure the belt fits snugly around the waist and that the activity monitor is positioned on the right hip bone with the arrow pointing up.

Write the respondent's initials on the belt if more than one member of the same household will receive a monitor.

Press <1> to continue.

AM_N21

INSTRUCTION: Record whether the respondent took an activity monitor.

- 1 Yes (Go to AM_N31A)
 - 2 No
- (DK, RF not allowed)

AM_N22

INSTRUCTION: Record the reason why the respondent did not take an activity monitor.

- 01 Burden
 - 02 Invasive
 - 03 Aesthetics
 - 04 Away during the collection period
 - 05 Anticipating change in normal activity
 - 06 Sick or laid up
 - 07 Worried about losing or damaging the device
 - 08 Other - Specify (Go to AM_S22)
- (DK, RF not allowed)

Go to AM_END

AM_S22

(Record the reason why the respondent did not take an activity monitor.)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

Go to AM_END

AM_N31A

INSTRUCTION: To log in the serial number of the activity monitor, scan the bar code on the monitor.

(7 spaces)

(DK, RF not allowed)

AM_N31B

INSTRUCTION: Re-scan the bar code on the activity monitor.

(7 spaces)

(DK, RF not allowed)

AM_N32

INSTRUCTION: To log in the waybill number of the postage-paid envelope, scan the bar code on the envelope.

(13 spaces)

(DK, RF not allowed)

AM_R33

On the morning of ^DateMailBackE, please put the activity monitor into this postage-paid envelope and put the envelope into any Canada Post mailbox. Full descriptions of what the activity monitor is, what it measures, how it works, and why it is important are included on the information sheet in the envelope. Should you have any questions or concerns, you will find a toll free number on this sheet.

INSTRUCTION: Give the postage-paid envelope (addressed to Statistics Canada), the monitor and the information sheet to the respondent. Ensure they do not confuse this material with the Indoor Air Sampler material.

Inform the respondent that he/she will receive a reminder call to ensure he/she has started to wear the monitor and another call to remind him/her to return it.

Press <1> to continue.

Go to AM_END

AM_N90

INSTRUCTION: Why was the component not fully completed?

- 01 Respondent unable to continue for health reasons
 - 02 Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching
 - 04 Equipment problem / technical difficulty
 - 05 Respondent's mental condition
 - 06 No time
 - 20 Other - Specify Go to AM_S90)
- (DK, RF not allowed)

Go to AM_END

AM_S90

(Why was the component not fully completed?)

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

AM_END

Indoor Air Sampler Component

Indoor Air Sampler (IAS)

Overview: The indoor air sampler measurement is only administered to one person per household. In households with two selected respondents, the IAS block is administered to the first respondent that begins the clinic visit.

IAS_BEG External variables required:

Variables taken from sample file:
 STAND: name of the city/town/village in which the clinic has been set up
 CLINICID: 8 digit respondent identifier
 REPLICID: 8 digit replicate identifier
 IASPCT: selection percentage for an Indoor Air replicate

Variables assigned in Variable Creation :
 CurrentYear: numeric year during which clinic visit is taking place
 CurrentMonth: numeric month during which clinic visit is taking place
 CurrentDay: numeric day during which clinic visit is taking place
 SessionE: English text of when the clinic visit is taking place
 DateMailBackE: English text of date 8 days after the clinic visit

Variables output from Clinic Shell:
 Variables from previously completed blocks:
 RespondentName: name of respondent
 CON_SEX: sex of respondent
 GenderE: English text for sex of respondent
 CON_AGE: age of respondent
 AM_N32: the waybill number of the postage-paid envelope
 SCS_N12: visit type (3= clinic visit; 4= home visit)

IAS_N11 INSTRUCTION: Record whether an indoor air sampler is available.

1 Yes
 2 No
 DK (Go to IAS_N90)
 (RF is not allowed)

IAS_D11
 Programmer: *IF SCS_N12 = 4 THEN
 IAS_D11 = EMPTY
 ELSE
 IF IAS_N11 = RESPONSE and IAS_D11 = EMPTY,
 Set IAS_D11 = Current Time (in HH:MM:SS format)
 ENDIF*

IAS_C11 If IAS_N11 = 2, go to IAS_END.
 Otherwise, go to IAS_R11.

IAS_R11

As part of this survey we will be assessing the air in your home. To do this, we would like you to bring this indoor air sampler home and place it in your living or family room for the next 7 days.

An indoor air sampler is a small tubular device that collects air from your home. Specifically, the sampler will measure a number of substances that may be present in the air of your household, such as benzene, methane and ethanol. The indoor air sampler is quite easy to use.

It is important for us to collect this information because it will allow us to establish national baselines for indoor air concentrations of substances that could affect the health of Canadians.

INSTRUCTION: Hold up the sampler for display.

Press <1> to continue.

DK, RF not allowed.

IAS_Q11

The indoor air sampler should be placed in your home for the next 7 days and mailed back after the 7 days are over. Do you have any questions before we proceed?

INSTRUCTION: Answer any questions as thoroughly as possible.

If the respondent is not available to mail back the sampler at the end of the 7 days, it can be mailed back a few days earlier or later. The sampler must be set up for at least 4 days, to a maximum of 9 days before being sent back. Do not provide the sampler if these conditions cannot be met.

1 Press <1> to continue. (Go to IAS_R21)

(DK is not allowed)

RF (Go to IAS_N12)

IAS_N12

INSTRUCTION: Record the reason why the respondent is not willing to take an indoor air sampler to place in their home for the next 7 days.

1 Burden

2 Invasive

3 Away during the collection period

4 Worried about losing or damaging the device

5 Other - Specify (Go to IAS_S12)

(DK, RF not allowed)

Go to IAS_END

IAS_S12

(Record the reason why the respondent is not willing to take an

indoor air sampler to place in their home for the next 7 days.)

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

Go to IAS_END

IAS_R21

In this postage-paid envelope, you will find:

An aluminium container with:

- o A brass tube with a round clip-on white cap
- o A grey metal cap with mesh screen
- o A small pencil

I will now go through the detailed instructions with you.

INSTRUCTION: Ensure respondent has entire contents of the indoor air sampler envelope. Go through and demonstrate each step of the instruction sheet carefully with the respondent.

Press <1> to continue.

DK, RF not allowed

IAS_N21

INSTRUCTION: Record whether the respondent took an indoor air sampler.

- 1 Yes (Go to IAS_N31A)
 - 2 No
- (DK, RF not allowed)

IAS_N22

INSTRUCTION: Record the reason why the respondent did not take an indoor air sampler.

- 1 Burden
 - 2 Invasive
 - 3 Away during the collection period
 - 4 Worried about losing or damaging the device
 - 5 Other - Specify (Go to IAS_S22)
- (DK, RF not allowed)

Go to IAS_END

IAS_S22

(Record the reason why the respondent did not take an indoor air sampler.)

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

Go to IAS_END

IAS_N31A

INSTRUCTION: Press <1> to print the label with the respondent's

CLINIC ID.

Stick the label to the aluminium container with the indoor air sampler.

1 Print the label
(DK, RF not allowed)

IAS_N31B

INSTRUCTION: To log in the serial number of the indoor air sampler, scan the sampler ID bar code on the aluminium container.

(8 spaces)

(DK, RF not allowed)

IAS_N31C

INSTRUCTION: Re-scan the sampler ID bar code on the aluminium container.

(8 spaces)

(DK, RF not allowed)

IAS_N32

INSTRUCTION: To log in the waybill number of the postage-paid envelope, scan the bar code on the envelope.

(13 spaces)

(DK, RF not allowed)

IAS_R71

On the morning of ^DateMailBackE please put the aluminium container with the sampler inside into this postage-paid envelope and put the envelope into any Canada Post mailbox.

Please remember to refer to the information sheet under the section: "What to do at the end of the 7 days".

Should you have any questions or concerns, you will find a toll free number on this sheet.

INSTRUCTION: Give the postage-paid envelope (addressed to CASSEN Testing Laboratories), the container with sampler and the information sheet to the respondent. Ensure they do not confuse this material with the Activity Monitor material.

Inform the respondent that they will receive a reminder call to ensure they have set up the sampler and another call to remind them to return it.

Press <1> to continue.

DK, RF not allowed

Go to IAS_END

FOR INFORMATION ONLY

IAS_N90 INSTRUCTION: Why was the component not fully completed?

- 01 Respondent unable to continue for health reasons
- 02 Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching
- 04 Equipment problem / technical difficulty
- 05 Respondent's mental condition
- 06 No time
- 20 Other - Specify (Go to IAS_S90)
(DK, RF not allowed)

Go to IAS_END

IAS_S90 (Why was the component not fully completed?)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

IAS_END

Indoor Air Questions (IAQ)

IAQ_BEG External variables required:

Variables taken from sample file:
 STAND: name of the city/town/village in which the clinic has been set up
 CLINICID: 8 digit respondent identifier
 DW_Q01: type of dwelling that the respondent lives in, collected when the method of interview is by telephone
 DW_N02: type of dwelling that the respondent lives in, collected when the method of Interview is personal
 DW_S02: Other - Specify response for type of dwelling that the respondent lives in

Variables assigned in Variable Creation :
 CurrentYear: numeric year during which clinic visit is taking place
 CurrentMonth: numeric month during which clinic visit is taking place
 CurrentDay: numeric day during which clinic visit is taking place
 SessionE: English text of when the clinic visit is taking place
 Date1WeekAgoE: English text of date one week before the clinic visit
 DateLastMonthE: English text of date one month before the clinic visit
 Date6MonthsAgoE: English text of date six months before the clinic visit

Variables output from Clinic Shell:

Variables from previously completed blocks:

RespondentName: name of respondent

CON_SEX: sex of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

IAS_N21: whether respondent took an indoor air sampler

IAQ_C01

If IAS_N21 = 1, go to IAQ_R01.
Otherwise, go to IAQ_END.

IAQ_R01

Now I'm going to ask you some questions about your home and the environment around your home.

INSTRUCTION: Press <1> to continue.

IAQ_C02

If DW_Q01 <> RESPONSE and DW_N02 <> RESPONSE, go to IAQ_Q03.
Otherwise, go to IAQ_D02A.

IAQ_D02A
Programmer:

```
IF DW_Q01 = 10 THEN
    DT_IAQ02TextE = DW_S02
    DT_IAQ02TextF = DW_S02
ELSE IF DW_N02 = 10 THEN
    DT_IAQ02TextE = DW_S02
    DT_IAQ02TextF = DW_S02
ENDIF
```

IAQ_D02B

If DW_Q01 = 1 or DW_N02 = 1, DT_IAQ02TEXTE = "single detached home".
If DW_Q01 = 2 or DW_N02 = 2, DT_IAQ02TEXTE = "double".
If DW_Q01 = 3 or DW_N02 = 3, DT_IAQ02TEXTE = "row house or terrace home".
If DW_Q01 = 4 or DW_N02 = 4, DT_IAQ02TEXTE = "duplex".
If DW_Q01 = 5 or DW_N02 = 5, DT_IAQ02TEXTE = "low-rise apartment of fewer than 5 stories or a flat".
If DW_Q01 = 6 or DW_N02 = 6, DT_IAQ02TEXTE = "high-rise apartment of 5 stories or more".
If DW_Q01 = 7 or DW_N02 = 7, DT_IAQ02TEXTE = "institution".
If DW_Q01 = 8 or DW_N02 = 8, DT_IAQ02TEXTE = "hotel; rooming/lodging house; camp".
If DW_Q01 = 9 or DW_N02 = 9, DT_IAQ02TEXTE = "mobile home".

IAQ_Q02

It was recorded during the household interview that you live in a(n) ^DT_IAQ02TEXTE. Is this correct?

1 Yes (Go to IAQ_D04)
2 No
(DK, RF not allowed)

IAQ_Q03

What type of dwelling do you live in? Is it a... ?

INSTRUCTION: Read categories to respondent.

01 **Single detached**
02 **Double**
03 **Row or terrace**
04 **Duplex**
05 **Low-rise apartment of fewer**

- 06 **than 5 stories or a flat**
 - 06 **High-rise apartment of 5 stories or more**
 - 07 **Institution**
 - 08 **Hotel; rooming/lodging house; camp**
 - 09 **Mobile home**
 - 10 Other - Specify (Go to IAQ_S03)
- DK, RF

Go to IAQ_D04

IAQ_S03

(What type of dwelling do you live in? Is it a... ?)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

IAQ_D04

Content type:

NOTE TO DATA USERS:

IAQ_D04 (dwelling type) is set based on IAQ_Q02 (dwelling type confirmation from home interview) or IAQ_Q03 (response to dwelling type question during the clinic visit)

Programmer:

```
IF IAQ_Q02 = 1
  IF DW_N02 = RESPONSE THEN
    IAQ_D04 = DW_N02
  ELSE
    IAQ_D04 = DW_Q01
  ENDIF
ELSE
  IAQ_D04 = IAQ_Q03
ENDIF
```

IAQ_Q04

How old is your home? Is it...?

INSTRUCTION: Read categories to respondent. If necessary state: If you do not know the exact age, please provide an estimate.

- 1 **Less than 10 years old**
- 2 **10 years old to less than 20**
- 3 **20 years old to less than 30**
- 4 **30 years old to less than 40**
- 5 **40 years old to less than 50**
- 6 **50 or more years old**

DK, RF

IAQ_Q05

How long have you lived in your home?

INSTRUCTION: Minimum is 0; maximum is ^CON_AGE. If less than one year enter "0".

|_|_| Years
(MIN: 0)
(MAX: 79)

DK, RF

Content type: *NOTE TO DATA USERS:
A hard edit will ensure that the age of the home is always greater or equal to the length of time the respondent has lived in his/her home.*

IAQ_Q06 **Excluding the basement and garage, what is the approximate area of your home in square feet or square metres? Would you say it is...?**

INSTRUCTION: Read categories to respondent.

- 1 **600 sq. ft (55 square metres) or less**
- 2 **601 to 1,000 sq. ft (56 to 95 square metres)**
- 3 **1,001 to 2,000 sq. ft (96 to 185 square metres)**
- 4 **2,001 to 3,000 sq. ft (186 to 280 square metres)**
- 5 **3,001 to 4,000 sq. ft (281 to 371 square metres)**
- 6 **4,001 sq. ft (372 square metres) or more**

DK, RF

IAQ_Q07 **What is the main source of heat in your home?**

INSTRUCTION: If the respondent reports the distribution method of the heat (e.g., hot water), probe to determine the original source of the heat (e.g., the means of heating the water such as an oil or gas furnace).

Mark all that apply.

- 1 Oil furnace
- 2 Gas furnace
- 3 Electric heat
- 4 Wood-burning stove
- 5 Wood-burning fireplace
- 6 Gas fireplace
- 7 Other - Specify (Go to IAQ_S07)

DK, RF

Go to IAQ_C11

IAQ_S07 **(What is the main source of heat in your home?)**

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

IAQ_C11 If IAQ_D04 = 5, 6 or 7 (dwelling is low-rise apartment, high-rise apartment or institution), go to IAQ_Q14.
Otherwise, go to IAQ_Q11.

IAQ_Q11 **Do you have a garage on your property?**

INSTRUCTION: Do not include carports.

- 1 Yes
- 2 No (Go to IAQ_Q15)

(DK is not allowed)

RF (Go to IAQ_Q15)

IAQ_C12A	If IAQ_Q11 = 1, go to IAQ_Q12. Otherwise, go to IAQ_C12B.
IAQ_C12B	If (IAQ_D04 = 1, 2, 3, 4, 9 (single detached, double, row or terrace, duplex or mobile home) and IAQ_Q11 = 2 or RF), go to IAQ_Q15. Otherwise, go to IAQ_C12C.
IAQ_C12C	If (IAQ_D04 = 8, 10, DK, RF (hotel; rooming/lodging house; camp, other - specify, don't know or refuse) and IAQ_Q11 = 2 or RF), go to IAQ_Q14. Otherwise, go to IAQ_Q12.
IAQ_Q12	<p>Is it a... ?</p> <p><u>INSTRUCTION:</u> Read categories to respondent.</p> <p>If respondent has more than one garage, ask about the garage situated closest to the home.</p> <ol style="list-style-type: none"> 1 Detached garage 2 Attached garage <u>without</u> a connecting door to your home 3 Attached garage <u>with</u> a connecting door to your home <p>DK, RF</p>
IAQ_Q13	<p><u>In the past month</u>, that is from ^DateLastMonthE until today, how often has a car, truck, or other vehicle been parked in this garage after being used?</p> <p><u>INSTRUCTION:</u> Read categories to respondent.</p> <ol style="list-style-type: none"> 1 More than 5 times a week 2 1 to 5 times a week 3 Less than once a week 4 Never <p>DK, RF</p>
IAQ_C14	If IAQ_Q11 = 1, go to IAQ_Q15. Otherwise, go to IAQ_Q14.
IAQ_Q14	<p>Does your building have any of the following parking facilities?</p> <p><u>INSTRUCTION:</u> Read categories to respondent. Mark all that apply.</p> <ol style="list-style-type: none"> 1 Indoor or underground parking lot 2 Outdoor or partially enclosed parking lot 3 Neither <p>DK, RF</p>

IAQ_Q15

In the past month, that is from ^DateLastMonthE until today, have you or anyone else ever smelled fumes in your home from cars, trucks or other vehicles?

INSTRUCTION: These fumes could come from a garage, driveway, parking lot, the street, etc.

- 1 Yes
- 2 No (Go to IAQ_Q17)
- DK, RF (Go to IAQ_Q17)

IAQ_Q16

How often were these fumes smelt?

INSTRUCTION: Read categories to respondent.

- 1 **More than 5 times a week**
- 2 **1 to 5 times a week**
- 3 **Less than once a week**
- DK, RF

IAQ_Q17

In the past month, have you had a major home renovation such as finishing of the basement, painting walls or windows, changing floors/ceilings or upgrading a kitchen or bathroom?

INSTRUCTION: Do not include home renovations that took place more than one month ago or that will occur during the collection period.

- 1 Yes
- 2 No
- DK, RF

IAQ_Q18

In the past month, have new carpeting or rugs been installed in your home?

- 1 Yes
- 2 No
- DK, RF

IAQ_Q19

In the past week, that is from ^Date1WeekAgoE to today, which of the following products did you or anyone else use inside your home? Do not include products used in your garage or outside of your home.

INSTRUCTION: Read categories to respondent. Mark all that apply.

- 01 **Gasoline or gasoline-powered devices**
- 02 **Kerosene**
- 03 **Moth balls or moth crystals**
- 04 **Oil-based (alkyd) paints**
- 05 **Latex paint**
- 06 **Paint remover**
- 07 **Solvents (e.g., Varsol, paint thinners)**
- 08 **Oil based (alkyd) wood stains**
- 09 **Latex wood stains**
- 10 **Candles**
- 11 **Paints, type unknown**

	12 Wood stains, type unknown 13 None DK, RF
Help text:	<p>The following products should be included in the corresponding response category:</p> <p>01 Gasoline or gasoline-powered devices: devices working with lighter fuel</p> <p>05 Latex paint: water based paint</p> <p>10 Candles: candles on a birthday cake</p> <p>11 Paints, type unknown: acrylic paint</p> <p>The following products should not be included in the corresponding response category:</p> <ul style="list-style-type: none">- Finger paints for kids- Nail polish remover- Incense
IAQ_Q20	<p>On a typical day over the past week, did you normally open windows or doors to get fresh air into your home?</p> <p>1 Yes 2 No DK, RF</p>
IAQ_Q21	<p><u>In the past 6 months</u>, that is from ^Date6MonthsAgoE to today, how often did you or anyone else in your home bring home clothing or any other items from the dry cleaners?</p> <p><u>INSTRUCTION:</u> Read categories to respondent.</p> <p>1 More than once a week 2 About once a week 3 Less than once a week 4 Never DK, RF</p>
IAQ_END	

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Spirometry Measurement Component (SPM)

SPM_BEG

External fields required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

SDC_Q36: respondent's racial background is Aboriginal

SDC_Q38A: respondent's racial background is White

SDC_Q38B: respondent's racial background is South Asian

SDC_Q38C: respondent's racial background is Chinese

SDC_Q38D: respondent's racial background is Black

SDC_Q38E: respondent's racial background is Filipino

SDC_Q38F: respondent's racial background is Latin American

SDC_Q38G: respondent's racial background is Arab

SDC_Q38H: respondent's racial background is Southeast Asian

SDC_Q38I: respondent's racial background is West Asian

SDC_Q38J: respondent's racial background is Korean

SDC_Q38K: respondent's racial background is Japanese

SDC_Q38L: respondent's racial background is Other

SDC_S38: Other - Specify for respondent's racial background

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentFirstName: first name of respondent

RespondentLastName: last name of respondent

RespondentName: name of respondent

CON_SEX: sex of respondent

GenderE: English text for sex of respondent

CON_DDN: date of birth of respondent (in YYYYMMDD format)

CON_AGE: age of respondent

HWM_D11: height of respondent in inches

SCS_N12: visit type (3= clinic visit; 4= home visit)

SPM_D011

Content type:

NOTE TO DATA USERS:

If the respondent's date of birth is not available, it will be estimated by subtracting the respondent's age from the current year (Using January 1st as the reference date).

SPM_Q021

Now we will be doing a test to measure your lung function. The results of this test greatly depend on your effort; so, to get good results we really need you to give 100%.

INSTRUCTION: Press <1> to continue.

1 Continue

DK (Go to SPM_N901)

RF (Go to SPM_END)

SPM_D021

Programmer:

```
IF SCS_N12 = 4 THEN
  SPM_D021 = EMPTY
ELSE
  IF SPM_Q021 = 1 or RF and SPM_D021 = EMPTY,
    Set SPM_D021 = Current Time (in HH:MM:SS format)
ENDIF
```

SPM_R022

First I need to enter some information into our computer system to prepare the test. This will only take a few minutes.

INSTRUCTION: Press <1> to continue.

SPM_D022A

```
If SDC_Q36 = 1, DT_RBE1 = "Aboriginal".
If SDC_Q38A = 1, DT_RBE2 = "White".
If SDC_Q38B = 1, DT_RBE3 = "South Asian ".
If SDC_Q38C = 1, DT_RBE4 = "Chinese".
If SDC_Q38D = 1, DT_RBE5 = "Black".
If SDC_Q38E = 1, DT_RBE6 = "Filipino".
If SDC_Q38F = 1, DT_RBE7 = "Latin American".
If SDC_Q38G = 1, DT_RBE8 = "Arab".
If SDC_Q38H = 1, DT_RBE9 = "Southeast Asian".
If SDC_Q38I = 1, DT_RBE10 = "West Asian".
If SDC_Q38J = 1, DT_RBE11 = "Korean".
If SDC_Q38K = 1, DT_RBE12 = "Japanese".
If SDC_Q38L = 1, DT_RBE13 = "ASDC_S38".
```

SPM_D022B

Programmer:

```
^DT_SPM022TextE = DT_RBE1 + DT_RBE2 + DT_RBE3 + DT_RBE4 + DT_RBE5 + DT_RBE6 +
DT_RBE7 + DT_RBE8 + DT_RBE9 + DT_RBE10 + DT_RBE11 + DT_RBE12 + DT_RBE13
(separated by slashes)
```

SPM_D022C

```
If SDC_Q36=1 or SDC_Q38A=1 or SDC_Q38G=1, DT_RACEWE =
"White".
If SDC_Q38D=1, DT_RACEBE = "Black".
If SDC_Q38F=1, DT_RACEHE = "Hispanic".
If SDC_Q38B=1 or SDC_Q38C=1 or SDC_Q38E=1 or SDC_Q38H=1 or
SDC_Q38I=1 or SDC_Q38J=1 or SDC_Q38K=1, DT_RACEAE = "Asian".
If SDC_Q38L=1, DT_RACEOE = "Other".
```

Programmer:

```
^DT_RACEADJE = [White] or [Black] or [Hispanic] or [Asian] or [Other]
```

SPM_D022D

```
If ^DT_RACEADJE = more than 1 race adjustment category,
DT_PGTEXT1E = " either".
Otherwise, DT_PGTEXT1E = "EMPTY".
If ^DT_RACEADJE = more than 1 race adjustment category,
DT_PGTEXT2E = " based on the respondent's morphology".
Otherwise, DT_PGTEXT2E = "EMPTY".
```

SPM_N022

INSTRUCTION: The racial background reported during the household interview is ^DT_SPM022TEXTE. Based on this information you should pick [either/EMPTY] the ^DT_RACEADJE race adjustment category [based on the respondent's morphology/EMPTY].

Record the appropriate race adjustment for the respondent.

- 1 White
- 2 Black
- 3 Hispanic
- 4 Asian

	<p>5 Other (DK, RF not allowed)</p>
Content type:	<p><i>NOTE TO DATA USER:</i> Using the information collected from the household interview, the health measures specialist (HMS) is prompted to select one race adjustment category. If more than one race adjustment category is possible, the HMS will decide based on the respondent's morphology.</p>
SPM_C022	<p>If Edit = Suppressed, go to SPM_N022B. Otherwise, go to SPM_D023.</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> If a race adjustment category different from that which was prompted at SPM_N022 is selected then go to SPM_022B. Otherwise, go to SPM_D023.</p>
SPM_N022B	<p><u>INSTRUCTION:</u> Why was <u>SPM_N022</u> selected as the race adjustment category?</p> <p>1 Morphology does not match race adjustment category 2 No reported racial background during household interview 3 Incomplete/incorrect racial background from household interview 4 Other - Specify (Go to SPM_S022B) (DK, RF not allowed)</p> <p>Go to SPM_D023</p>
SPM_S022B	<p><u>INSTRUCTION:</u> Specify.</p> <hr/> <p>(80 spaces) (DK, RF not allowed)</p>
SPM_D023	<p>If CON_SEX = 1, DT_SPM_SEX = "M". If CON_SEX = 2, DT_SPM_SEX = "F".</p>
SPM_N023	<p><u>INSTRUCTION:</u> Check the data to be sent to the spirometry software.</p> <p>Press <1> to transmit the data. Press <2> to retransmit the data.</p> <p>1 Transmit the data 2 Retransmit the data (DK, RF not allowed)</p>
SPM_D024 Programmer:	<pre>IF CON_AGE < 8 THEN SPM024Text1 = "Corey 1976" IF SPM_N022 = 1 THEN SPM024Text2 = "W H U" ELSE IF SPM_N022 = 2 THEN SPM024Text2 = "B A" ELSE IF SPM_N022 = 3 THEN SPM024Text2 = "W H U" ELSE IF SPM_N022 = 4 THEN</pre>

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```

        SPM024Text2 = "B A"
    ELSE
        SPM024Text2 = "W H U"
    ENDIF
ELSE
    SPM024Text1 = "Hankinson (NHANES III)"
    IF SPM_N022 = 1 THEN
        SPM024Text2 = "Caucasian"
    ELSE IF SPM_N022 = 2 THEN
        SPM024Text2 = "African-American"
    ELSE IF SPM_N022 = 3 THEN
        SPM024Text2 = "Mexican-American"
    ELSE IF SPM_N022 = 4 THEN
        SPM024Text2 = "Other - Asian"
    ELSE
        SPM024Text2 = "Other - Unknown"
    ENDIF
ENDIF
ENDIF

```

SPM_R024

INSTRUCTION: Open the KoKo software.

Follow the instructions on importing and retrieving respondent information.

In the KoKo patient information screen, choose "^SPM024Text1" for "Predicteds" and "^SPM024Text2" for "Ethnic Group".

Press <1> to continue.

SPM_Q031

During the test, you will wear this clip on your nose and place this mouthpiece in your mouth. Your lips and teeth should be nice and tight around the mouthpiece, so that no air escapes. Once you have the mouthpiece in your mouth, you will follow a few easy steps.

1. First, you are going to **breathe normally**.
2. Next, I'm going to tell you to take a **big breath in!** I want you to fill up your lungs with as much air as possible, and as quickly as possible.
3. As soon as you've filled your lungs, I'm going to tell you to **blow the air out as fast, as hard, and for as long as possible**. Don't hold your breath at all; you need to blow it out as quickly as possible.
4. After that, I'm going to tell you to **keep blowing, keep blowing, keep blowing!** Even if you think no more air is coming out, keep blowing because there may be a little bit left and we want to get it all out.
5. When you've finished blowing out, I'm going to tell you to **take a big breath in again, just like the first one**.
6. Finally, you can **remove the mouthpiece** from your mouth and take the nose clip off of your nose.

INSTRUCTION: Demonstrate the test from start to finish, as realistically as possible.

Press <1> to continue.

1 Continue
(DK is not allowed)
RF

(Go to SPM_END)

SPM_Q032

I'll tell you exactly what to do and when to do it. All you need to do is listen to my instructions and give me your best effort.

We will repeat this test a few times to ensure that we get your best effort.

Do you have any questions before we begin?

INSTRUCTION: Answer any questions as thoroughly as possible.

Press <1> to continue.

1 Continue
(DK is not allowed)
RF (Go to SPM_END)

SPM_Q033

Please sit up straight in your chair and keep both feet flat on the floor.

INSTRUCTION: Press <1> to continue.

1 Continue
(DK is not allowed)
RF (Go to SPM_END)

SPM_R033

INSTRUCTION: Common verbal cues

1. "Take a few normal breaths."
2. "Big breath in!"
3. "Blow!"
4. "Keep blowing, keep blowing, keep blowing..."
5. "Big breath in!"

INSTRUCTION: Go to the KoKo software.

Follow the instructions for performing the test.

Press <1> to continue.

SPM_R100

INSTRUCTION: Ensure the spirometry test results have been saved in the KoKo software and the .SER file has been transferred from the KoKo software to the clinic server.

Press <1> to continue.

SPM_N800

INSTRUCTION: Record how many trials were performed and saved.

1 0
2 1 or 2
3 3 or more
(DK, RF not allowed)

SPM_C800

If SPM_N800 = 1 or 2, go to SPM_N901.
Otherwise, go to SPM_N900.

SPM_N900

INSTRUCTION: Record whether this test meets the American Thoracic Society (ATS) criteria.

1 Yes
2 No
(DK, RF not allowed)

SPM_C901

If SPM_N900 = RESPONSE, go to SPM_END.
Otherwise, go to SPM_N901.

SPM_N901

INSTRUCTION: Why was the component not fully completed?

- 1 Respondent unable to continue for health reasons
- 2 Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching
- 3 Respondent refuses to continue
- 4 Equipment problem / technical difficulty
- 5 Respondent's mental condition
- 6 Other - Specify (Go to SPM_S901)
- 7 No time
(DK, RF not allowed)

Go to SPM_END

SPM_S901

(Why was the component not fully completed?)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

SPM_END

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Hearing Component

Otoscopy Measurement (OTM)

OTM_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent HER_Q40: whether the respondent has an ear infection or pain in ears HER_Q41: whether the respondent has acute infection/pain (in right, left or both ears) HER_Q52: whether the respondent has a hearing aid HER_Q53: whether the respondent has hearing aid (in right, left or both ears)</p>
OTM_D10	<p>If HER_Q41 = 1, DT_OTMTEXT1E = "left ear". Else If HER_Q41 = 2, DT_OTMTEXT1E = "right ear". Otherwise, DT_OTMTEXT1E = "ears, one at a time". If HER_Q41 = 1 or 2, DT_OTMTEXT4E = "ear". Otherwise, DT_OTMTEXT4E = "ears".</p>
OTM_R10	<p>Now we will be doing a series of tests to measure your hearing. I'm going to start by doing a visual inspection of your [ear/ears]. To do this, I will gently place an otoscope in your [left ear/right ear/ears, one at the time] and record my observations.</p> <p><u>INSTRUCTION</u>: Show the otoscope to the respondent.</p> <p>Press <1> to continue.</p>
Programmer:	<p><i>Use red font for dynamic text DT_OTMTEXT4E Allow 'DK' as a response category</i></p>
OTM_C11	<p>If OTM_R10 = DK, go to OTM_N90. Otherwise, go to OTM_D11.</p>
OTM_D11 Programmer:	<p><i>If OTM_R10 = 1 and OTM_D11 = EMPTY, Set OTM_D11 = Current Time (in HH :MM :SS format). ENDIF</i></p>

OTM_Q20

I would like you to sit in this chair with your hands on your lap, sitting up straight and facing forward. Please sit as still as you can. This will only take a few seconds.

INSTRUCTION: Select the appropriately sized speculum and place it on the otoscope. Ensure the respondent is sitting still in the correct position and any glasses, hair ties or ornaments, hats or chewing gum that may interfere with otoscopic examination have been removed.

Press <1> to continue.

1 Continue (DK is not allowed) (Go to OTM_END)
RF

OTM_C30A

If HER_Q52 = 1, go to OTM_D30.
Otherwise, go to OTM_C30E.

OTM_D30

If HER_Q53 = 1 or 2, DT_OTMTEXT2E = "aid".
If HER_Q53 = 3, DT_OTMTEXT2E = "aids".

OTM_Q30

Before we start, I would like to ask you to please remove your hearing [aid/aids].

INSTRUCTION: If the respondent cannot remove his or her own hearing [aid/aids] (or is not accompanied by a parent or guardian who can assist), press <F5> to refuse.

Press <1> to continue.

1 Continue (DK is not allowed) (Go to OTM_C30E)
RF (Go to OTM_C30B)

OTM_C30B

If HER_Q53 = 1, go to OTM_C60A.
Otherwise, go to OTM_C30C.

OTM_C30C

If HER_Q53 = 2, go to OTM_C30E.
Otherwise, go to OTM_C30D.

OTM_C30D

If HER_Q53 = 3, go to OTM_END.
Otherwise, go to OTM_C30E.

OTM_C30E

If HER_Q41 = 1, go to OTM_C60A.
Otherwise, go to OTM_N31.

OTM_N31

INSTRUCTION: Is the entrance to the right ear canal completely obstructed?

1 Yes (Go to OTM_C60A)
2 No
(DK, RF not allowed)

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OTM_N40 INSTRUCTION: Perform otoscopic examination of the right ear. Record the presence of any of the following in the right ear.

Mark all that apply.

- 1 Blood
 - 2 Pus / Wax
 - 3 Foreign object
 - 4 Pressure equalization tube
 - 5 Narrow, collapsible ear canal
 - 6 Other - Specify (Go to OTM_S40)
 - 7 None
- (DK is not allowed)
- RF (Go to OTM_C60A)

Go to OTM_C50

OTM_S40 INSTRUCTION: Specify the observed abnormality.

(80 spaces)

(DK, RF not allowed)

OTM_C50 If OTM_N40 = 2, go to OTM_N50.
Otherwise, go to OTM_C60A.

OTM_N50 INSTRUCTION: Record the amount of pus / wax in the right ear.

- 1 Normal
 - 2 Excessive
 - 3 Impacted
- (DK, RF not allowed)

OTM_C60A If OTM_Q30 = RF and HER_Q53 = 2, go to OTM_END.
Otherwise, go to OTM_C60B.

OTM_C60B If HER_Q41 = 2, go to OTM_END.
Otherwise, go to OTM_N60.

OTM_N60 INSTRUCTION: Is the entrance to the left ear canal completely obstructed?

- 1 Yes (Go to OTM_END)
 - 2 No
- (DK, RF not allowed)

OTM_N70 INSTRUCTION: Perform otoscopic examination of the left ear. Record the presence of any of the following in the left ear.

Mark all that apply.

- 1 Blood
- 2 Pus / Wax
- 3 Foreign object
- 4 Pressure equalization tube

	5	Narrow, collapsible ear canal	
	6	Other - Specify	(Go to OTM_S70)
	7	None	
		(DK is not allowed)	
	RF		(Go to OTM_END)
		Go to OTM_C80	
OTM_S70		<u>INSTRUCTION:</u> Specify the observed abnormality.	
		<hr/>	
		(80 spaces)	
		(DK, RF not allowed)	
OTM_C80		If OTM_N70 = 2, go to OTM_N80. Otherwise, go to OTM_END.	
OTM_N80		<u>INSTRUCTION:</u> Record the amount of pus/y wax in the <u>left ear</u> .	
	1	Normal	
	2	Excessive	
	3	Impacted	
		(DK, RF not allowed)	
		Go to OTM_END	
OTM_N90		<u>INSTRUCTION:</u> Why was the component not fully completed?	
	01	Respondent unable to continue for health reasons	
	02	Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching	
	04	Equipment problem / technical difficulty	
	05	Respondent's mental condition	
	06	No time	
	20	Other - Specify	(Go to OTM_S90)
		(DK, RF not allowed)	
		Go to OTM_END	
OTM_S90		(Why was the component not fully completed?)	
		<u>INSTRUCTION:</u> Specify.	
		<hr/>	
		(80 spaces)	
		(DK, RF not allowed)	
OTM_END			

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Tympanometry Measurement (TYM)

TYM_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

HER_Q31: whether the respondent had an ear surgery (right, left or both ears)

HER_Q41: whether the respondent has acute infection /pain in (right, left or both ears)

HER_Q53: whether the respondent has hearing aid (right, left or both ears)

OTM_N31: whether the respondent has occluded right ear

OTM_N60: whether the respondent has occluded left ear

OTN_N40: record of the otoscopic examination of the right ear

OTM_N70: record of the otoscopic examination of the left ear

OTM_N50: record of the amount pus/wax in the right ear

OTM_N80: record of the amount pus/wax in the left ear

OTM_Q30: if the respondent refused removing his or her hearing aid(s)

OTM_Q20: whether the respondent started otoscopy measurements

OTM_R10: introduction to the otoscopy measurement

TYM_C10

If (OTM_Q20 = RF) or HER_Q31 = 3 or (OTM_N31 = 1 and OTM_N60 = 1) or ((OTM_N40 in (1, 3, 6 or RF) and OTM_N70 in (1, 3, 6 or RF)) or (OTM_N50 = 3 and OTM_N80 = 3) or (OTM_Q30 = RF and HER_Q53 = 3) or OTM_R10 = DK, go to TYM_END.

Otherwise, go to TYM_D11.

Content type:

NOTE TO DATA USERS:

If the respondent did not complete otoscopy, had surgery in both ears, had occlusions in both ears, had blood, a foreign object or another object/substance in both ears, had impacted wax in both ears or was unwilling to remove his/her hearing aids from both ears, then the tympanometry test is not completed.

TYM_D11

Content type:

NOTE TO DATA USERS:

If the respondent has an occlusion in the right ear, has acute pain or infection in the right ear, has had surgery in the right ear, has blood, a foreign object or another object/substance in the right ear, has impacted wax in the right ear, or is unwilling to remove his/her hearing aid from the right ear, then REFLAG is set to 1.

Programmer:

*If ((HER_Q31 = 1 or HER_Q41 = 1 or OTM_N31 = 1 or OTM_N40 in (1, 3, 6 or RF) or OTM_N50 = 3) or (OTM_Q30 = RF and HER_Q53 = 1)), set REFLAG = 1
Otherwise, set REFLAG = 2*

TYM_D12	
Content type:	<p><i>NOTE TO DATA USERS:</i> <i>If the respondent has an occlusion in the left ear, has acute pain or infection in the left ear, has had surgery in the left ear, has blood, a foreign object or another object/substance in the left ear, has impacted wax in the left ear, or is unwilling to remove his/her hearing aid from the left ear, then LEFLAG is set to 1.</i></p>
Programmer:	<p><i>If ((HER_Q31 = 2 or HER_Q41 = 2 or OTM_N60 = 1 or OTM_N70 in (1, 3, 6 or RF) or OTM_N80 = 3) or (OTM_Q30 = RF and HER_Q53 = 2)), set LEFLAG = 1 Otherwise, set LEFLAG = 2</i></p>
TYM_C13	<p>If REFLAG = 1 and LEFLAG = 1, go to TYM_END. Otherwise, go to TYM_D13.</p>
TYM_D13	<p>If REFLAG=2 and LEFLAG = 2, DT_TYMSIDEE = "ears, one at a time". Else If REFLAG = 1 and LEFLAG = 2 , DT_TYMSIDEE = "left ear". Otherwise (if REFLAG = 2 and LEFLAG = 1), DT_TYMSIDEE = "right ear". If REFLAG=2 and LEFLAG = 2, DT_TYMDRUME = "eardrums". Otherwise, DT_TYMDRUME = "eardrum".</p>
TYM_R20	<p>This tympanometry test will measure the flexibility of your [eardrums/eardrum]. I will place a probe in your [ears, one at a time/left ear/right ear]. You will hear a soft humming sound and feel a gentle pressure when I take the measurement.</p> <p><u>INSTRUCTION:</u> - Show the tympanometer to the respondent. - Select the appropriate ear tip and slip it onto the nose cone of the probe.</p> <p>Press <1> to continue.</p>
Programmer:	<p><i>Allow 'DK' as a response category</i></p>
TYM_C20	<p>If TYM_R20 = DK, go to TYM_N56. Otherwise, go to TYM_Q21.</p>
TYM_Q21	<p>I would like you to sit in this chair with your hands on your lap, sitting up straight and facing forward. <u>Please sit as still as you can.</u> This will only take a few seconds.</p> <p><u>INSTRUCTION:</u> - Turn the device on. - Select the <u>Tympanometry only</u> mode by pressing the "Tymp" button on the front panel. - Ensure the respondent is <u>sitting still</u> in the correct position.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK is not allowed) RF (Go to TYM_END)</p>
TYM_C30	<p>If REFLAG = 1, go to TYM_C40. Otherwise, go to TYM_N30.</p>

TYM_N30	<p><u>INSTRUCTION:</u> Perform measurement on the <u>right</u> ear.</p> <ul style="list-style-type: none">- Select the right ear by pressing the "R" button.- Make sure that the green light on the probe is blinking.- Put the probe in the respondent's right ear, applying a gentle pressure to maintain a tight seal.- As soon as a good seal is obtained, the blinking green light will change to a steady glow.- Remain steady while the test is in progress.- Once the test is over, all lights on the probe will be turned off and the test results can be viewed on the instrument display. <p>Press <1> to continue.</p> <p>1 Continue (DK, RF not allowed)</p>
Help text:	<ul style="list-style-type: none">- <i>Green light: Still blinking - seal has not been obtained to initiate the test sequence.</i>- <i>Orange light: The ear canal is not properly sealed and a large pressure leak exists.</i>- <i>Yellow light: The probe tip is occluded with ear wax or you are pressing the tip of the probe against the ear canal wall causing an occlusion.</i>
TYM_N31	<p><u>INSTRUCTION:</u> Capture the results of the <u>right</u> ear.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK is not allowed) RF (Go to TYM_C40)</p>
TYM_N32A	<p><u>INSTRUCTION:</u> Record the canal volume (ECV cm3) for the <u>right</u> ear.</p> <p>(MIN: 0.0) (MAX: 5.0) DK (RF is not allowed)</p>
TYM_N32B	<p><u>INSTRUCTION:</u> Re-enter the canal volume (ECV cm3) for the <u>right</u> ear.</p> <p>(MIN: 0.0) (MAX: 5.0) DK (RF is not allowed)</p>
TYM_C33	<p>If TYM_N32A = DK, go to TYM_C40. Otherwise, go to TYM_N33A.</p>
TYM_N33A	<p><u>INSTRUCTION:</u> Record whether a no peak message, "NP", was displayed for the compliance peak (PEAK cm3) value for the <u>right</u> ear.</p> <p>1 Yes (Go to TYM_D33) 2 No (DK, RF not allowed)</p>

TYM_N33B	<p><u>INSTRUCTION:</u> Record the compliance peak value (PEAK cm3) for the <u>right</u> ear.</p> <p>(MIN: 0.0) (MAX: 5.0) (DK, RF not allowed)</p>
TYM_N33C	<p><u>INSTRUCTION:</u> Re-enter the compliance peak value (PEAK cm3) for the <u>right</u> ear.</p> <p>(MIN: 0.0) (MAX: 5.0)</p> <p>(DK, RF not allowed)</p>
TYM_D33	<p>If TYM_N33A = 1 then , DV_TYMN33 = "NP" Otherwise, DV_TYMN33 = "TYM_N33B"</p>
TYM_N34A	<p><u>INSTRUCTION:</u> Record whether a no peak message, "NP", was displayed for the pressure peak (PEAK daPa) value for the <u>right</u> ear.</p> <p>1 Yes (Go to TYM_D34) 2 No (DK, RF not allowed)</p>
TYM_N34B	<p><u>INSTRUCTION:</u> Record the pressure peak value (PEAK daPa) for the <u>right</u> ear.</p> <p> _ _ _ daPa (MIN: -400) (MAX: 200)</p> <p>(DK, RF not allowed)</p>
TYM_N34C	<p><u>INSTRUCTION:</u> Re-enter the pressure peak value (PEAK daPa) for the <u>right</u> ear.</p> <p> _ _ _ cm3 (MIN: -400) (MAX: 200)</p> <p>(DK, RF not allowed)</p>
TYM_D34	<p>If TYM_N34A = 1 then , DV_TYMN34 = "NP" Otherwise, DV_TYMN34 = "TYM_N34B"</p>
TYM_N35	<p><u>INSTRUCTION:</u> Check the tympanometry data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to TYM_N32A) (DK, RF not allowed)</p>
TYM_D35	<p>If TYM_N32A in (0.2 to 2.0 cm3) and TYM_N33B in (0.2 to 1.8 cm3) and TYM_N34B in (-150 to 100 daPa), DV_TYMD35 = 1 (pass). Else, DV_TYMD35 = 2 (refer).</p>

TYM_C40	<p>If LEFLAG = 1 and TYM_N32A = DK, go to TYM_C56 Else if LEFLAG = 1 and TYM_N32A = (0.0 to 5.0) or "EMPTY", go to TYM_END. Otherwise, go to TYM_N50.</p>
TYM_N50	<p><u>INSTRUCTION:</u> Perform measurement on the <u>left</u> ear.</p> <ul style="list-style-type: none"> - Select the left ear by pressing the "L" button. - Make sure that the green light on the probe is blinking. - Put the probe in the respondent's left ear, applying a gentle pressure to maintain a tight seal. - As soon as a good seal is obtained, the blinking green light will change to a steady glow. - Remain steady while the test is in progress. - Once the test is over, all lights on the probe will be turned off and the test results can be viewed on the instrument display. <p>Press <1> to continue.</p> <p>1 Continue (DK, RF not allowed)</p>
Help text:	<ul style="list-style-type: none"> - Green light: Still blinking - seal has not been obtained to initiate the test sequence. - Orange light: The ear canal is not properly sealed and a large pressure leak exists. - Yellow light: The probe tip is occluded with ear wax or you are pressing the tip of the probe against the ear canal wall causing an occlusion.
TYM_N51	<p><u>INSTRUCTION:</u> Capture the results of the <u>left</u> ear.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK is not allowed) RF (Go to TYM_C56)</p>
TYM_N52A	<p><u>INSTRUCTION:</u> Record the canal volume (ECV cm3) for the <u>left</u> ear.</p> <p>(MIN: 0.0) (MAX: 5.0)</p> <p>DK (RF is not allowed)</p>
TYM_N52B	<p><u>INSTRUCTION:</u> Re-enter the canal volume (ECV cm3) for the <u>left</u> ear.</p> <p>(MIN: 0.0) (MAX: 5.0)</p> <p>DK (RF is not allowed)</p>
TYM_C53	<p>If TYM_N52A = DK, go to TYM_C56. Otherwise, go to TYM_N53A.</p>

FOR INFORMATION ONLY

TYM_N53A	<p><u>INSTRUCTION:</u> Record whether a no peak message, NP, was displayed for the compliance peak (PEAK cm3) value for the <u>left</u> ear.</p> <p>1 Yes (Go to TYM_D53) 2 No (DK, RF not allowed)</p>
TYM_N53B	<p><u>INSTRUCTION:</u> Record the compliance peak value (PEAK cm3) for the <u>left</u> ear.</p> <p>(MIN: 0.0) (MAX: 5.0)</p> <p>(DK, RF not allowed)</p>
TYM_N53C	<p><u>INSTRUCTION:</u> Re-enter the compliance peak value (PEAK cm3) for the <u>left</u> ear.</p> <p>(MIN: 0.0) (MAX: 5.0)</p> <p>(DK, RF not allowed)</p>
TYM_D53	<p>If TYM_N53A = 1 then , DV_TYMN53 = "NP" Otherwise, DV_TYMN53 = "TYM_N53B"</p>
TYM_N54A	<p><u>INSTRUCTION:</u> Record whether a no peak message, "NP", was displayed for the pressure peak (PEAK daPa) value for the <u>left</u> ear.</p> <p>1 Yes (Go to TYM_D54) 2 No (DK, RF not allowed)</p>
TYM_N54B	<p><u>INSTRUCTION:</u> Record the pressure peak value (PEAK daPa) for the <u>left</u> ear.</p> <p> _ _ _ daPa (MIN: -400) (MAX: 200)</p> <p>(DK, RF not allowed)</p>
TYM_N54C	<p><u>INSTRUCTION:</u> Re-enter the pressure peak value (PEAK daPa) for the <u>left</u> ear.</p> <p> _ _ _ cm3 (MIN: -400) (MAX: 200)</p> <p>(DK, RF not allowed)</p>
TYM_D54	<p>If TYM_N54A = 1 then , DV_TYMN54 = "NP" Otherwise, DV_TYMN54 = "TYM_N54B"</p>
TYM_N55	<p><u>INSTRUCTION:</u> Check the tympanometry data.</p> <p>1 Accept the measurements 2 Reject the measurements (Go to TYM_N52A) (DK, RF not allowed)</p>

FOR INFORMATION ONLY

TYM_D55 If TYM_N52A in (0.2 to 2.0 cm3) and TYM_N53B in (0.2 to 1.8 cm3) and TYM_N54B in (-150 to 100 daPa), DV_TYMD55 = 1 (pass).
Else, DV_TYMD55 = 2 (refer).

TYM_C56 If TYM_N32A = DK or TYM_N52A = DK, go to TYM_N56.
Otherwise, go to TYM_END.

TYM_N56 **INSTRUCTION:** Why was the component not fully completed?

- 01 Respondent unable to continue for health reasons
- 02 Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching
- 04 Equipment problem / technical difficulty
- 05 Respondent's mental condition
- 06 No time
- 20 Other - Specify (Go to TYM_S56)
(DK, RF not allowed)

Go to TYM_END

TYM_S56 **(Why was the component not fully completed?)**

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

TYM_END

Otoacoustic Emissions Measurement (OAE)

OAE_BEG External variables required:

Variables taken from sample file:
 STAND: name of the city/town/village in which the clinic has been set up
 CLINICID: 8 digit respondent identifier
 SITE: site number

Variables assigned in Variable Creation :
 CurrentYear: numeric year during which clinic visit is taking place
 CurrentMonth: numeric month during which clinic visit is taking place
 CurrentDay: numeric day during which clinic visit is taking place
 SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:
 RespondentFirstName: first name of respondent
 RespondentLastName: last name of respondent
 GenderE: English text for sex of respondent
 CON_AGE: age of respondent
 PROXYSEX: gender of targeted respondent
 HER_Q41: whether the respondent has acute infection /pain in (right,

	<p>left or both ears) HER_Q53: whether the respondent has hearing aid (right, left or both ears) OTM_Q20: whether the respondent started the otoscopy measurements OTM_N31: whether the respondent has occluded right ear OTM_N60: whether the respondent has occluded left ear OTM_N40: record of the otoscopic examination of the right ear OTM_N70: record of the otoscopic examination of the left ear OTM_N50: record of the amount of pus/wax in the right ear OTM_N80: record of the amount of pus/wax in the left ear OTM_Q30: if the respondent refused removing his or her hearing aid(s) OTM_R10: introduction to the otoscopy measurement</p>
OAE_C10	<p>If (OTM_Q20 = RF) or (OTM_N31=1 and OTM_N60 = 1) or (OTM_N40 IN (1, 3, 6 or RF) and OTM_N70 IN (1, 3, 6 or RF)) or (OTM_N50 = 3 and OTM_N80 = 3) or (OTM_Q30 = RF and HER_Q53 = 3) or OTM_R10 = DK, go to OAE_END. Otherwise, go to OAE_D10.</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> If the respondent did not complete otoscopy, had occlusions in both ears, had blood, a foreign object or another object/substance in both ears, had impacted wax in both ears, or is unwilling to remove his/her hearing aids from both ears, then the otoacoustic emissions test is not completed.</p>
OAE_D10	
Content type:	<p><i>NOTE TO DATA USERS:</i> If the respondent has acute pain or infection in the right ear, an occlusion in the right ear, has blood, a foreign object or another object/substance in the right ear, has impacted wax in the right ear, is unwilling to remove his/her hearing aid from the right ear, or refuses to continue with otoscopy on the right ear, then REFLAG is set to 1.</p>
Programmer:	<p>If ((HER_Q41 = 1 or OTM_N31 = 1 or OTM_N40 in (1, 3, 6 or RF) or OTM_N50 = 3) or (OTM_Q30 = RF and HER_Q53 = 1)), set REFLAG = 1 Otherwise, set REFLAG = 2</p>
OAE_D11	
Content type:	<p><i>NOTE TO DATA USERS:</i> If the respondent has acute pain or infection in the left ear, an occlusion in the left ear, has blood, a foreign object or another object/substance in the left ear, has impacted wax in the left ear, is unwilling to remove his/her hearing aid from the left ear, or refuses to continue with otoscopy on the left ear, then LEFLAG is set to 1.</p>
Programmer:	<p>If ((HER_Q41 = 2 or OTM_N60 = 1 or OTM_N70 in (1, 3, 6 or RF) or OTM_N80 = 3) or (OTM_Q30 = RF and HER_Q53 = 2)), set LEFLAG = 1 Otherwise, set LEFLAG = 2</p>
OAE_C11	<p>If REFLAG = 1 and LEFLAG = 1, go to OAE_END. Otherwise, go to OAE_D12.</p>
OAE_D12	<p>If REFLAG = 2, DT_RIGHTEARE = "Right ear". Otherwise, DT_RIGHTEARE = "EMPTY". If LEFLAG = 2, DT_LEFTEARE = "Left ear". Otherwise, DT_LEFTEARE = "EMPTY".</p>
OAE_D14	<p>If REFLAG = 2 and LEFLAG = 2, DT_OAESIDEE = "ears, one at a time". If REFLAG = 1 and LEFLAG = 2, DT_OAESIDEE = "left ear". If REFLAG = 2 and LEFLAG = 1, DT_OAESIDEE = "right ear".</p>

OAE_Q15

This otoacoustic emissions test will measure how well your inner ear is working. I will place a probe in your [ears, one at a time/left ear/right ear]. You may hear a series of different pitched tones and faint sounds when I take the measurement.

During this test you will sit in the sound booth.

INSTRUCTION: Press <1> to continue.

1 Continue

DK (Go to OAE_N47)

RF (Go to OAE_END)

OAE_R16

First, I will need to enter some information into our computer system to prepare the test. This will only take a few minutes.

INSTRUCTION: Press <1> to continue.

OAE_N17

INSTRUCTION: Check the data to be sent to the OtoAccess software.

Press <1> to transmit the data.

1 Transmit the data

(DK, RF not allowed)

OAE_N18

INSTRUCTION: Open the OtoAccess software.

Follow the instructions on importing and retrieving respondent information.

Press <1> to continue.

1 Continue

(DK, RF not allowed)

OAE_Q30

I will now ask you to sit in the sound booth so that I can take the measurement.

Again, during the test I would like you to sit up straight, and remain as still as you can. This will only take a few minutes.

Do you have any questions before we start the test?

INSTRUCTION:

- Show the probe, ear tip and the sound booth to the respondent.

- Answer any questions as thoroughly as possible.

- Select the appropriate ear tip and slip it onto the nose cone of the probe.

- Insert the probe into the respondent's ear to obtain a seal that is flush with the ear canal.

Press <1> to continue.

1 Continue

(DK is not allowed)

RF (Go to OAE_END)

OAE_N35	<p><u>INSTRUCTION:</u> Perform the measurement on the [Right ear/(and) Left ear].</p> <p>Ensure that the sound meter readout is below 55 dB before and during the test.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK, RF not allowed)</p>
OAE_N40	<p><u>INSTRUCTION:</u> Ensure the test results have been saved in the OtoAccess software and the respondent's .xml file has been transferred from the OtoAccess software to the clinic server.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK, RF not allowed)</p>
OAE_C40	<p>If REFLAG = 2, go to OAE_N41. Otherwise, go to OAE_C45.</p>
OAE_N41	<p><u>INSTRUCTION:</u> Was a successful test completed and saved for the right ear?</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
OAE_C45	<p>If LEFLAG = 2, go to OAE_N45. Otherwise, go to OAE_N46.</p>
OAE_N45	<p><u>INSTRUCTION:</u> Was a successful test completed and saved for the left ear?</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
OAE_N46	<p><u>INSTRUCTION:</u> Record whether the maximum recommended sound level inside the booth (55 dB) was exceeded at any point during the test.</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
OAE_C46	<p>If OAE_N41 = 2 or OAE_N45 = 2, go to OAE_N47. Otherwise, go to OAE_END.</p>
OAE_N47	<p><u>INSTRUCTION:</u> Why was the component not fully completed?</p> <p>01 Respondent unable to continue for health reasons 02 Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching</p>

03 Respondent refuses to continue
 04 Equipment problem / technical difficulty
 05 Respondent's mental condition
 06 No time
 20 Other - Specify (Go to OAE_S47)
 (DK, RF not allowed)
 Go to OAE_END
 OAE_S47 (Why was the component not fully completed?)
INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

OAE_END

Audiometry Measurement (AUD)

AUD_BEG

External fields required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

SITE: site number

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

RespondentLastName: Last name of the respondent

RespondentFirstName: First name of the respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

HER_Q40: whether the respondent has an ear infection or pain in ears

HER_Q41: whether the respondent has an acute infection/pain (in right,left or both ears)

HER_Q52: whether the respondent has a hearing aid

HER_Q53: whether the respondent has a hearing aid (in right,left or both ears)

OTM_Q30: if the respondent refused removing his or her hearing aid(s)

OTM_N31: whether the respondent has occluded right ear

OTM_N40: record of the otoscopic examination of the right ear

OTM_N50: record of the amount of pus/wax in the right ear

	<p>OTM_N60: whether the respondent has occluded left ear OTM_N70: record of the otoscopic examination of the left ear OTM_N80: record of the amount of pus/wax in the left ear OTO.Outcome: Otoscopy outcome code OAE.Outcome: DPOAE outcome code</p>
AUD_C10	<p>If CON_AGE < 6 or (OTO.Outcome = 79 or 80) or (OTM_Q30 = RF and HER_Q53 = 3), go to AUD_END. Otherwise, go to AUD_D10.</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> If the respondent is less than 6 years of age, or refuses to remove hearing aids from both ears, or if the component outcome code for the otoscopy measurement is set to not done (79) or refusal (80), then the audiometry test is not completed.</p>
AUD_D10	
Content type:	<p><i>NOTE TO DATA USERS:</i> If the respondent has acute pain or infection in the right ear, an occlusion in the right ear, has blood, a foreign object or another object/substance in the right ear along with a narrow/collapsible ear canal, has excessing or impacted wax in the right ear along with a narrow/collapsible ear canal, is unwilling to remove his/her hearing aid from the right ear, or refuses to continue with otoscopy on the right ear, then REFLAG is set to 1.</p>
Programmer:	<p>If HER_Q41 = 1 or OTM_N31 = 1 or [OTM_N40 in (1,3,6) and OTM_N40 = 5] or [OTM_N50 in (2,3) and OTM_N40 = 5] or [OTM_Q30 = RF and HER_Q53 = 1], or OTM_N40 = RF, set REFLAG = 1 Otherwise, set REFLAG = 2</p>
AUD_D11	
Content type:	<p><i>NOTE TO DATA USERS:</i> If the respondent has acute pain or infection in the left ear, an occlusion in the left ear, has blood, a foreign object or another object/substance in the left ear along with a narrow/collapsible ear canal, has excessing or impacted wax in the left ear along with a narrow/collapsible ear canal, is unwilling to remove his/her hearing aid from the left ear, or refuses to continue with otoscopy on the left ear, then LEFLAG is set to 1.</p>
Programmer:	<p>If HER_Q41 = 2 or OTM_N60 = 1 or [OTM_N70 in (1,3,6) and OTM_N70 = 5] or [OTM_N80 in (2,3) and OTM_N70 = 5] or [OTM_Q30 = RF and HER_Q53 = 2], or OTM_N70 = RF, set LEFLAG = 1 Otherwise, set LEFLAG = 2</p>
AUD_C11	<p>If REFLAG = 1 and LEFLAG = 1, go to AUD_END. Otherwise, go to AUD_D13A.</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> The type of earphones to be used for the audiometry test is derived at AUD_D13A, AUD_D13B, and AUD_D13C, based on the otoscopy observations from the right and left ear (responses to OTM_N40 and OTM_N70).</p>
AUD_D13A	
Programmer:	<pre> If REFLAG = 1 go to AUD_D13B ELSE IF OTM_N40 in (1, 3, 6) or OTM_N50 in (2,3), THEN set AUD_D13A = 3 (supra-aural headphones only) ELSE if OTM_N40 = 5 THEN set AUD_D13A = 2 (insert earphones only) ELSE set AUD_D13A = 1 (insert or supra-aural) ENDF ENDIF </pre>

AUD_D13B

Programmer:

```
IF LEFLAG = 1 go to AUD_D13C ELSE
  IF OTM_N70 in (1, 3, 6) or OTM_N80 in (2,3), THEN
    set AUD_D13B = 3 (supra-aural headphones only)
  ELSE if OTM_N70 = 5 THEN
    set AUD_D13B = 2 (insert earphones only)
  ELSE
    set AUD_D13B = 1 (insert or supra-aural)
  ENDF
ENDIF
```

AUD_D13C

Programmer:

```
IF AUD_D13A = AUD_D13B THEN
  AUDEFLAG = AUD_D13A
ELSE if AUD_D13A = EMPTY THEN
  AUDEFLAG = AUD_D13B
ELSE if AUD_D13B = EMPTY THEN
  AUDEFLAG = AUD_D13A
ELSE if AUD_D13A = 1 THEN
  AUDEFLAG = AUD_D13B
ELSE if AUD_D13B = 1 THEN
  AUDEFLAG = AUD_D13A
ELSE if AUD_D13A and AUD_D13B in (2, 3) THEN
  AUDEFLAG = 3
ENDIF
```

AUD_D13D

Programmer:

```
IF (AUD_D13A = 2 and AUD_D13B = 3) THEN
  reset REFLAG = 1
ELSE if (AUD_D13A = 3 and AUD_D13B = 2) THEN
  reset LEFLAG = 1
ENDIF
ENDIF
```

AUD_D16

If AUDEFLAG in (1,2) , DT_AUDTEXT1E = "earphones".
 Otherwise, DT_AUDTEXT1E = "headphones".
 If AUDEFLAG in (1,2) , DT_AUDTEXT2E = "in".
 Otherwise, DT_AUDTEXT2E = "over".
 If AUDEFLAG in (1,2) , DT_AUDTEXT3E = "insert earphones".
 Otherwise, DT_AUDTEXT3E = "supra-aural headphones".

AUD_Q18

This audiometry test will measure your hearing sensitivity.

This test needs to be done in the sound booth.

INSTRUCTION: Press <1> to continue.

1	Continue	
DK		(Go to AUD_N36)
RF		(Go to AUD_END)

AUD_D19

Programmer:

```
If AUD_Q18 = 1 and AUD_D19 = EMPTY,
Set AUD_D19 = Current Time (in HH :MM :SS format).
ENDIF
```

FOR INFORMATION ONLY

- AUD_Q20 **For this test, I will place [earphones/headphones] [in/over] your ears and ask you to press a button every time you hear a sound.**
- INSTRUCTION: Press <1> to continue.
- Press <1> to continue.
- 1 Continue (Go to AUD_R22)
(DK is not allowed)
RF
- AUD_C20 If AUDEFLAG = 1, go to AUD_Q21.
Otherwise, go to AUD_END.
- AUD_Q21 **If you are uncomfortable using insert earphones, we can use headphones instead. Would you then be willing to try this test?**
- 1 Yes
2 No (Go to AUD_END)
(DK, RF not allowed)
- AUD_R22 **First, I need to enter some information into our computer system in order to prepare the test. This will only take a few minutes.**
- INSTRUCTION: Press <1> to continue.
- AUD_N22 INSTRUCTION: Check the data to be sent to the Audiometry software.
- Press <1> to transmit the data.
- 1 Transmit the data
(DK, RF not allowed)
- AUD_N23 INSTRUCTION: Open the Audiometry software (CCA-100).
- Follow the instructions on importing and retrieving respondent information.
 - Press the "Examiner" button and choose your identification number.
 - Press "Language" and choose a language for the instructions.
- 1 Continue
(DK, RF not allowed)
- AUD_R24 **For the test, I will ask you to sit up straight holding the button in front of you. You will need to press the button whenever you hear a sound, no matter how faint. Press the button only once and release it quickly.**
- The test will begin after a series of pre-recorded instructions and I will give you a "thumbs up" to let you know the test is about to start.**
- Do you have any questions before we begin?**
- INSTRUCTION: Answer any questions as thoroughly as possible.
- Press <1> to continue.
- AUD_D25A If AUDEFLAG in (1,2) and AUD_Q20 is not RF, DT_AUDTEXT4E = "earphones in".

	<p>Otherwise, DT_AUDTEXT4E = "headphones over". If AUDEFLAG in (1,2) and AUD_Q20 is not RF, DT_AUDTEXT5E = "earphones". Otherwise, DT_AUDTEXT5E = "headphones".</p>
AUD_D25B	<p>If AUDEFLAG = 3 , DT_AUDTEXT25AE = "Only supra-aural headphones can be used for this test.". If AUDEFLAG = 2 , DT_AUDTEXT25AE = "Only insert earphones can be used for this test.". Otherwise, DT_AUDTEXT25AE = "Either insert earphones or supra-aural headphones can be used for this test.".</p>
AUD_Q25	<p>I am now going to place the [earphones in/headphones over] your ears.</p> <p>When the test is over I will help you remove them to make sure the equipment is not damaged.</p> <p>Remember to stay as still as possible throughout the test, since noise or movement can interfere with the test.</p> <p><u>INSTRUCTION:</u></p> <ul style="list-style-type: none"> - Show the [earphones/ headphones] and the response button to the respondent. - Ensure any glasses, hair ties or ornaments, hats or chewing gum that may interfere with the examination have been removed. - ^DT_AUDTEXT25AE - Complete the audiometry test on the: <ul style="list-style-type: none"> - [right ear/EMPTY] - [left ear/EMPTY] - Ensure that the correct cords are plugged into the audiometer before starting the test. <p>Press <1> to continue.</p> <p>1 Continue (DK is not allowed) (Go to AUD_END) RF</p>
AUD_D25C	<p>If REFLAG = 2, DT_RIGHTEARE = "right ear". Otherwise, DT_RIGHTEARE = "EMPTY". If LEFLAG = 2, DT_LEFTEARE = "left ear". Otherwise, DT_LEFTEARE = "EMPTY".</p>
AUD_C26	<p>If AUDEFLAG = 3 or if (AUD_Q20 = RF and AUD_Q21 = 1), go to AUD_N27. Otherwise, go to AUD_N26.</p>
AUD_N26	<p><u>INSTRUCTION:</u> Confirm that <u>insert earphones</u> will be used for the test.</p> <p>1 Yes (Go to AUD_D28) 2 No (DK, RF not allowed)</p>
AUD_C27	<p>If AUDEFLAG = 2, go to AUD_N36. Otherwise, go to AUD_N27.</p>

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AUD_N27	<p><u>INSTRUCTION:</u> Confirm that <u>supra-aural headphones</u> will be used for the test.</p> <p>1 Yes 2 No (Go to AUD_N36) (DK, RF not allowed)</p>
AUD_D28	<p>If AUD_N26=1 , DT_AUDTEXT29E = "<u>green curve</u>". If AUD_N27=1 , DT_AUDTEXT29E = "<u>red curve</u>".</p>
AUD_N29	<p><u>INSTRUCTION:</u></p> <ul style="list-style-type: none"> - Perform the test on the [right ear/EMPTY] and [left ear/EMPTY]. - Give a "thumbs-up" to the respondent when test is ready to start. - Play the instructions for the audiometry test. - Ensure that the sound meter readout is below the [<u>green curve/red curve</u>] before and during the test. <p>1 Continue (DK is not allowed) RF (Go to AUD_END)</p>
AUD_N30	<p><u>INSTRUCTION:</u> Ensure the test results have been saved in the CCA-100 software and the respondent's .asc file has been transferred from the software to the clinic server.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK, RF not allowed)</p>
AUD_C30	<p>If REFLAG = 2 , go to AUD_N31. Otherwise, go to AUD_C32.</p>
AUD_N31	<p><u>INSTRUCTION:</u> Record if the test was performed on the right ear.</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
AUD_C32	<p>If LEFLAG = 2, go to AUD_N32. Otherwise, go to AUD_C33.</p>
AUD_N32	<p><u>INSTRUCTION:</u> Record if the test was performed on the left ear.</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
AUD_C33	<p>If AUD_N31 = 1 or AUD_N32 = 1, go to AUD_N33. Otherwise, go to AUD_N36.</p>
AUD_N33	<p><u>INSTRUCTION:</u> Rate the test reliability.</p> <p>1 3 error codes or more 2 1-2 error codes 3 No error codes</p> <p>(DK, RF not allowed)</p>

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AUD_N34	<p><u>INSTRUCTION:</u> Record how the test was administered.</p> <p>1 Automatic Mode 2 Manual Mode 3 Both</p> <p>(DK, RF not allowed)</p>
AUD_N35	<p><u>INSTRUCTION:</u> Record whether the sound level meter exceeded the <u>peak noise threshold</u> ([green curve/red curve]) during the test.</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
AUD_C36	<p>If (AUD_N31 = 1 or EMPTY) and (AUD_N32 = 1 or EMPTY), go to AUD_END. Otherwise, go to AUD_N36.</p>
AUD_N36	<p><u>INSTRUCTION:</u> Why was the component not fully completed?</p> <p>01 Respondent unable to continue for health reasons 02 Respondent unable to understand technique / Health Measures Specialist unable to adapt coaching 03 Respondent refuses to continue 04 Equipment problem / technical difficulty 05 Respondent's mental condition 06 No time 20 Other - Specify (Go to AUD_S36) (DK, RF not allowed)</p> <p>Go to AUD_END</p>
AUD_S36	<p>(Why was the component not fully completed?) <u>INSTRUCTION:</u> Specify.</p> <hr/> <p>(80 spaces)</p> <p>(DK, RF not allowed)</p>
AUD_END	

Grip Strength Component

Grip Strength Component Introduction (GSI)

GSL_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent SCS_N12: visit type (3= clinic visit; 4= home visit)</p>
GSL_R1	<p>Next I am going to measure your upper body strength with a hand grip dynamometer. You will perform this test twice on each hand, alternating each time. When performing the test, hold your hand away from your body and squeeze the handle as hard as you can, blowing out while you squeeze.</p> <p><u>INSTRUCTION:</u> Demonstrate the procedure while explaining the technique. Press <1> to continue.</p>
Programmer:	<p>Allow 'DK' as a response category.</p>
GSL_C1	<p>If GSL_R1 = DK, go to GSL_END. Otherwise, go to GSL_D1.</p>
GSL_D1 Programmer:	<pre>IF SCS_N12 = 4 THEN GSL_D1 = EMPTY ELSE IF GSL_R1 = 1 and GSL_D1 = EMPTY, Set GSL_D1 = Current Time (in HH:MM:SS format) ENDIF</pre>
GSL_R2	<p>Hold the handle so that the 2nd joint of your fingers fits comfortably under the handle; we can adjust the size if necessary. Remember, hold your arm straight and away from your body and squeeze the handle as hard as you can, blowing out while you squeeze.</p> <p><u>INSTRUCTION:</u> Ensure respondent has removed all rings or hand jewellery. Press <1> to continue.</p>
GSL_END	

Grip Strength Measurement (GSM)

GSM_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent GSI_R1: grip strength introduction</p>
GSM_C10	<p>If GSI_R1 = DK, go to GSM_N60. Otherwise, go to GSM_N11A.</p>
GSM_N11A	<p>INSTRUCTION: Record the <u>first</u> grip strength measurement for the <u>right</u> hand to the nearest kilogram (kg).</p> <p> _ _ _ Right hand grip strength (in kg) (MIN: 1) (MAX: 100)</p> <p>DK, RF</p>
GSM_N11B	<p>INSTRUCTION: Re-enter the <u>first</u> grip strength measurement for the <u>right</u> hand to the nearest kilogram (kg).</p> <p> _ _ _ Right hand grip strength (in kg) (MIN: 1) (MAX: 100)</p> <p>DK, RF</p>
GSM_C11B	<p>If GSM_N11A = RF, go to GSM_END. Otherwise, go to GSM_N12A.</p>
GSM_N12A	<p>INSTRUCTION: Record the <u>first</u> grip strength measurement for the <u>left</u> hand to the nearest kilogram (kg).</p> <p> _ _ _ Left hand grip strength (in kg) (MIN: 1) (MAX: 100)</p> <p>DK, RF</p>

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GSM_N12B	<p><u>INSTRUCTION</u>: Re-enter the <u>first</u> grip strength measurement for the <u>left</u> hand to the nearest kilogram (kg).</p> <p> _ _ _ Left hand grip strength (in kg) (MIN: 1) (MAX: 100)</p> <p>DK, RF</p>
GSM_N21A	<p><u>INSTRUCTION</u>: Record the <u>second</u> grip strength measurement for the <u>right</u> hand to the nearest kilogram (kg).</p> <p> _ _ _ Right hand grip strength (in kg) (MIN: 1) (MAX: 100)</p> <p>DK, RF</p>
GSM_N21B	<p><u>INSTRUCTION</u>: Re-enter the <u>second</u> grip strength measurement for the <u>right</u> hand to the nearest kilogram (kg).</p> <p> _ _ _ Right hand grip strength (in kg) (MIN: 1) (MAX: 100)</p> <p>DK, RF</p>
GSM_N22A	<p><u>INSTRUCTION</u>: Record the <u>second</u> grip strength measurement for the <u>left</u> hand to the nearest kilogram (kg).</p> <p> _ _ _ Left hand grip strength (in kg) (MIN: 1) (MAX: 100)</p> <p>DK, RF</p>
GSM_N22B	<p><u>INSTRUCTION</u>: Re-enter the <u>second</u> grip strength measurement for the <u>left</u> hand to the nearest kilogram (kg).</p> <p> _ _ _ Left hand grip strength (in kg) (MIN: 1) (MAX: 100)</p> <p>DK, RF</p>
GSM_D51 Programmer:	<p><i>Calculate the total hand grip strength.</i></p>
GSM_D52 Programmer:	<p><i>Calculate the grip strength norms for respondents 15 - 69.</i></p>
GSM_D53 Programmer:	<p><i>Calculate the grip strength norms for respondents less than 15.</i></p>
GSM_C59	<p>If (GSM_N11A = NONRESPONSE and GSM_N21A = NONRESPONSE) or (GSM_N12A = NONRESPONSE and GSM_N22A = NONRESPONSE), go to GSM_N60. Otherwise, go to GSM_END.</p>

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GSM_N60 INSTRUCTION: Why was the component not fully completed?

01 Respondent unable to continue for health reasons
 02 Respondent unable to understand technique /
 Health Measures Specialist unable to adapt coaching
 03 Respondent refuses to continue
 04 Equipment problem / technical difficulty
 05 Respondent's mental condition
 06 No time
 20 Other - Specify (Go to GSM_S60)

(DK, RF not allowed)

Go to GSM_END

GSM_S60 (Why was the component not fully completed?)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

GSM_END

Phlebotomy Component

Phlebotomy Component Introduction (PHI)

PHL_BEG External variables required:

Variables taken from sample file:
 STAND: name of the city/town/village in which the clinic has been set up
 CLINICID: 8 digit respondent identifier
 SELFAST: whether selected to fast for 12 hours (1=fasting, 2=non-fasting)

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place
 CurrentMonth: numeric month during which clinic visit is taking place
 CurrentDay: numeric day during which clinic visit is taking place
 SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent
 GenderE: English text for sex of respondent
 CON_AGE: age of respondent
 ATG_Q11: time when the respondent last ate/drank
 ATG_N11: date when the respondent last ate/drank
 DT_ATGN11E: English text for reported fasting date
 ATG_D12: whether the respondent has fasted for at least 10 hours
 SCS_N12 : visit type (3= clinic visit; 4= home visit)

PHI_R10	<p>Hi, my name is.... Please have a seat on the chair because I need to ask you a few questions before we begin.</p> <p><u>INSTRUCTION:</u> Press <1> to continue.</p>
Programmer:	<p><i>Allow 'DK' as a response category</i></p> <p><i>If PHI_R10 = DK, go to PHI_END. Otherwise, go to PHI_D10.</i></p>
PHI_D10 Programmer:	<pre>IF SCS_N12 = 4 THEN PHI_D10 = EMPTY ELSE IF PHI_R10 = 1 and PHI_D10 = EMPTY, Set PHI_D10 = Current Time (in HH:MM:SS format) ENDIF</pre>
PHI_Q11	<p>I need to confirm your fasting status. When did you last eat or drink anything other than water (e.g., coffee, tea, alcohol, juice or flavoured water)?</p> <p>The respondent reported last eating or drinking at ^ATG_Q11 ^DT_ATGN11E.</p> <p><u>INSTRUCTION:</u> Probe to determine the date and time at which the respondent last ate or drank something that does not meet the <u>phlebotomy</u> fasting requirements. Record whether the fasting time and date recorded during the screening component are correct.</p> <p>1 Yes (Go to PHI_D12) 2 No (DK, RF not allowed)</p>
Help text:	<p><i>The respondent is still considered fasted if the following have been consumed within the indicated time-frame:</i></p> <ul style="list-style-type: none"> <i>o Black coffee - up until the time of the appointment</i> <i>o Coffee with milk/cream - up to 2 hours prior to the appointment</i> <i>o Juice - up to 2 hours prior to the appointment</i> <i>o Gum and candy are allowed - up until the time of the appointment</i> <p><i>The respondent is not considered fasted if the following have been consumed within the past 10 hours.</i></p> <ul style="list-style-type: none"> <i>o Liquids other than those indicated above, including</i> <ul style="list-style-type: none"> <i>o Milkshakes</i> <i>o Protein shakes</i> <i>o Meal replacements</i> <i>o Milk</i> <i>o Energy drinks</i> <i>o Any other beverages or supplements</i> <i>o Any food</i>
PHI_N11	<p><u>INSTRUCTION:</u> Enter the time (followed by "AM" or "PM") at which the respondent last ate or drank something that does not meet the <u>phlebotomy</u> fasting requirements.</p> <p>(MIN: 1) (MAX: 13)</p> <p>(DK, RF not allowed)</p>

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PHI_N12A	<p><u>INSTRUCTION</u>: Confirm the date.</p> <p>1 Yesterday 2 Today (DK, RF not allowed)</p>
PHI_C12	<p>If SCS_N12 = 3, go to PHI_D12. Otherwise, go to PHI_N12B.</p>
PHI_N12B	<p><u>INSTRUCTION</u>: Enter the time (followed by "AM" or "PM") the fasting question (PHI_N11) <u>was asked</u> to the respondent.</p> <p>(MIN: 1) (MAX: 13)</p> <p>(DK, RF not allowed)</p>
PHI_D12 Content type:	<p>NOTE TO DATA USERS: Fasting status (10 hr) is confirmed based on the fasting flag (SELFAST) and the responses to PHI_Q11 and PHI_N11 (if clinic visit) along with PHI_N12B (if home visit). PHI_D12 = 1 (fasted) and PHI_D12 = 2 (not fasted).</p>
Programmer:	<pre> IF SCS_N12 = 3 THEN IF SELFFAST = 2 THEN PHI_D12 = 2 ELSE IF (PHI_Q11 = 1 and ATG_D12 = 1) OR (PHI_Q11 = 1 and ATG_N11 = 1 and the difference between CurrentDate-1/ATG_Q11 and CurrentDate/CurrentTime is 10 hours or more) OR (PHI_Q11 = 1 and ATG_N11 = 2 and the difference between CurrentDate/ATG_Q11 and CurrentDate/CurrentTime is 10 hours or more) OR (PHI_Q11 = 2 and PHI_N12A = 1 and the difference between CurrentDate-1/PHI_N11 and CurrentDate/CurrentTime is 10 hours or more) OR (PHI_Q11 = 2 and PHI_N12A = 2 and the difference between CurrentDate/PHI_N11 and CurrentDate/CurrentTime is 10 hours or more) THEN PHI_D12 = 1 ELSE PHI_D12 = 2 ENDIF ELSE IF SCS_N12 = 4 THEN IF SELFFAST = 2 THEN PHI_D12 = 2 ELSE IF (PHI_Q11 = 1 and ATG_D12 = 1) OR (PHI_Q11 = 1 and ATG_N11 = 1 and the difference between CurrentDate-1/ATG_Q11 and CurrentDate/PHI_N12B is 10 hours or more) OR (PHI_Q11 = 1 and ATG_N11 = 2 and the difference between CurrentDate/ATG_Q11 and CurrentDate/PHI_N12B is 10 hours or more) OR (PHI_Q11 = 2 and PHI_N12A = 1 and the difference between CurrentDate-1/PHI_N11 and CurrentDate/PHI_N12B is 10 hours or more) OR (PHI_Q11 = 2 and PHI_N12A = 2 and the difference between CurrentDate/PHI_N11 and CurrentDate/PHI_N12B is 10 hours or more) THEN PHI_D12 = 1 ELSE PHI_D12 = 2 ENDIF ENDIF </pre>
PHI_D13	<p>If ATG_D12 = 1 or PHI_D12 = 1, DT_ATGFASTE = "fasted". Otherwise, DT_ATGFASTE = "non-fasted".</p>
PHI_END	

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Blood Collection (BDC)

BDC_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : DryRun: whether the case is a dry run case CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent CON_AGE: age of respondent CON_SEX: sex of respondent GenderE: English text for sex of respondent CON_N24 : whether the respondent's parent or guardian provided consent for blood and urine storage CON_N25 : whether the respondent provided consent for blood and urine storage CON_N26: whether the respondent provided consent for DNA storage BVOCFLG: Blood VOC subsampling flag OMEGFLG: Fatty acids subsampling flag PHC_Q56: whether the respondent felt dizzy or fainted previously during a blood draw PHI_D12: whether respondent has fasted for at least 10 hours (1 = fasted; 2 = non-fasted) PHI_R10: introduction to the phlebotomy component PHC_Q57B: indicator of which side the respondent has had a mastectomy (1=right, 2=left, 3=both)</p>
BDC_C9	<p>If PHI_R10 = DK, go to BDC_N44. Otherwise, go to BDC_C10.</p>
BDC_C10	<p>If PHC_Q56 = 1, go to BDC_N10. Otherwise, go to BDC_Q21.</p>
BDC_D10	<p>If PHC_N57B=1, DT_ARME = "the left arm". If PHC_N57B=2, DT_ARME = "the right arm". Otherwise, DT_ARME = "either the left or the right arm".</p>
Programmer:	<p><i>If PHC_N57B= 1 or 2 use red font for ^DT_ARME.</i></p>
BDC_N10	<p><u>INSTRUCTION</u>: During the screening component, the respondent has stated they have felt dizzy or fainted previously during a blood draw. Probe and take the appropriate precautions.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK, RF not allowed)</p>

BDC_Q21	<p>I am going to do the blood draw.</p> <p><u>INSTRUCTION:</u> Explain the procedure to the respondent. Perform the blood draw on [the left arm/the right arm/either the left or the right arm].</p> <p>1 Continue (DK is not allowed) RF (Go to BDC_END)</p>
BDC_D21 Content type:	<p><i>NOTE TO DATA USER:</i> Tubes for blood collection are determined by the age of the respondent and whether he/she consented to blood and/or DNA storage.</p>
BDC_N24	<p><u>INSTRUCTION:</u> Record which of the required tubes of blood were collected. Include only the collected tubes that apply.</p> <p>Mark all that apply.</p> <p>51 None of the required tubes (Go to BDC_N44) (DK is not allowed) RF (Go to BDC_END)</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> A dynamic list of blood collection tubes appears at this question based on the age of the respondent and whether he/she consented to blood and/or DNA storage.</p>
BDC_N41	<p><u>INSTRUCTION:</u> Press <1> to print the blood collection tube labels.</p> <p>1 Print the labels (DK, RF not allowed)</p>
BDC_N42	<p><u>INSTRUCTION:</u> In the presence of the respondent, stick each label on the appropriate blood collection tube.</p> <p>Press <1> to continue.</p> <p>1 Continue (DK, RF not allowed)</p>
BDC_N43	<p><u>INSTRUCTION:</u> Record whether the respondent was seated or supine during the blood draw.</p> <p>1 Seated 2 Supine (DK, RF not allowed)</p>
BDC_C44	<p>If all of the required main tubes or sub tubes were collected, go to BDC_N51. Otherwise, go to BDC_N44.</p>
BDC_N44	<p><u>INSTRUCTION:</u> Record the reason why all required tubes were not collected.</p> <p>01 Respondent refused 02 Respondent fainted 03 Unable to find vein 04 Blood flow stopped</p>

- 05 Physical limitation
- 06 Other - Specify (Go to BDC_S44)
- 07 No time
- 08 Respondent unable to continue for health reasons (DK, RF not allowed)

Go to BDC_C51

BDC_S44 (Record the reason why all required tubes were not collected.)

INSTRUCTION: Specify.

(80 spaces)

(DK, RF not allowed)

BDC_C51 If PHI_R10 = DK, go to BDC_END.
Otherwise, go to BDC_N51.

BDC_N51 INSTRUCTION: Record whether another staff member assisted with the blood draw.

- 1 Yes
 - 2 No (Go to BDC_END)
- (DK, RF not allowed)

BDC_N52 INSTRUCTION: Record the HMSID of the staff member that assisted with the blood draw.

|_|_|_|_|
(MIN: 1000)
(MAX: 9995)

(DK, RF not allowed)

BDC_END

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Urine Collection 2 Component (UC2)

Overview:	The Urine Collection 2 component is only administered if the respondent did not provide a sufficient volume of urine in the Urine Collection 1 component.
UC2_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent SCS_N12: visit type (3= clinic visit; 4= home visit)</p>
UC2_N10	<p><u>INSTRUCTION</u>: Record whether the respondent provided a second urine sample.</p> <p>1 Yes 2 No (DK, RF not allowed)</p>
UC2_D10 Programmer:	<pre>IF SCS_N12 = 4 THEN UC2_D10 = EMPTY ELSE IF UC2_N10 = RESPONSE and UC2_D10 = EMPTY, Set UC2_D10 = Current Time (in HH:MM:SS format) ENDIF</pre>
UC2_C10	<p>If UC2_N10 = 1, go to UC2_END. Otherwise, go to UC2_N30.</p>
UC2_N30	<p><u>INSTRUCTION</u>: Record the reason why the respondent did not provide a urine sample.</p> <p>1 Refusal 2 Unable to provide 3 Other - Specify (Go to UC2_S30) 6 No time (DK, RF not allowed)</p> <p>Go to UC2_END</p>

UC2_S30 (Record the reason why the respondent did not provide a urine sample.)

INSTRUCTION: Specify the reason.

(80 spaces)

(DK, RF not allowed)

UC2_END

Report of Measurements Component (RM)

RM_BEG

External variables required:

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

LNG_N11: respondent's preferred official language

BPM_411A: blood pressure norms for respondents aged 18 or older

BPM_412A: blood pressure norms for respondents aged less than 18

OTM_N31: whether the right ear canal is obstructed

OTM_N40: record of the otoscopic examination of the right ear

OTM_N50: record of the amount pus/wax in the right ear

OTM_N60: whether the left ear canal is obstructed

OTM_N70: record of the otoscopic examination of the left ear

OTM_N80: record of the amount pus/wax in the left ear

SCS_N12: visit type (3= clinic visit; 4= home visit)

BPM_D317: respondent's average systolic blood pressure

BPM_D318: respondent's average diastolic blood pressure

BPM_D319: respondent's average resting hearth rate

HWM_Q11: standing height measurement in centimetres

HWM_D11: standing height in inches

HWM_Q12: sitting height measurement in centimetres

HWM_D12: sitting height in inches

HWM_Q13: weight measurement in kilograms

HWM_D13: weight measurement in pounds

HWM_Q14: waist circumference measurement in centimetres

HWM_D14: waist circumference measurement in inches

HWM_Q15: hip circumference measurement in centimetres

HWM_D15: hip circumference measurement in inches

HWM_D21: calculated body mass index

HWM_D22: body mass index norms for respondents 18 or older

HWM_D23: body mass index norms for respondents less than 18

HWM_D25: waist to hip ratio

PHC_Q11: whether the respondent is currently pregnant

GSM_D51: total hang grip strength

GSM_D52: calculated hand grip strength norms for respondents 15-69

GSM_D53: calculated hand grip strength norms for respondents less than 15

RM_N90

INSTRUCTION: Press <1> to print the Report of Physical Measurements.

1 Print the report
(DK, RF not allowed)

RM_D90

Programmer:

```
IF SCS_N12 = 4 THEN
  RM_D90 = EMPTY
ELSE
  IF RM_N90 = 1 and RM_D90 = EMPTY,
    Set RM_D90 = Current Time (in HH:MM:SS format)
ENDIF
```

RM_END

Exit Component

Exit Component Introduction (ECI)

ECL_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

Variables from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

SCS_N12: visit type (3= clinic visit; 4= home visit)

ECL_Q01

Before you leave, we have a few administrative questions.

INSTRUCTION: Press <1> to continue.

(DK, RF not allowed)

ECL_D01B

Programmer:

```
IF SCS_N12 = 4 THEN
  ECI_D01 = EMPTY
ELSE
  IF ECI_Q01 = 1 and ECI_D01 = EMPTY,
    Set ECI_D01 = Current Time (in HH:MM:SS format)
ENDIF
```

ECL_END

Exit Consent Questions (ECQ)

ECQ_BEG	<p>External variables required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier CPROV: province of residencesst LNKFLG: flag indicating whether consent to link will be asked or whether a linkage text will be read (1 = linkage question; 2 = linkage statement)</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: name of respondent RespondentFirstName: first name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent DryRun: whether the case is a dry run case (1 or 2= dryrun; 3= survey respondent) CON_SEX: sex of the respondent</p>
ECQ_C11	<p>If DryRun in (1, 2), go to ECQ_END. Otherwise, go to ECQ_D11A.</p>
ECQ_D11A	<p>If CPROV = 10, DT_PROVINCEE = "Newfoundland and Labrador". If CPROV = 11, DT_PROVINCEE = "Prince Edward Island". If CPROV = 12, DT_PROVINCEE = "Nova Scotia". If CPROV = 13, DT_PROVINCEE = "New Brunswick". If CPROV = 24, DT_PROVINCEE = "Quebec". If CPROV = 35, DT_PROVINCEE = "Ontario". If CPROV = 46, DT_PROVINCEE = "Manitoba". If CPROV = 47, DT_PROVINCEE = "Saskatchewan". If CPROV = 48, DT_PROVINCEE = "Alberta". If CPROV = 59, DT_PROVINCEE = "British Columbia". If CPROV = 60, DT_PROVINCEE = "Yukon". If CPROV = 61, DT_PROVINCEE = "Northwest Territories". If CPROV = 62, DT_PROVINCEE = "Nunavut".</p>
ECQ_D11B	<p>If CPROV < 60, DT_PROVTERR1 = "provincial". If CPROV < 60, DT_PROVTERR1 = "province". Otherwise, DT_PROVTERR1 = "territorial". Otherwise, DT_PROVTERR1 = "territory".</p>

ECQ_D11C	If CON_AGE > 13, DT_ECQ12E = "you". Otherwise, DT_ECQ12E = "^RespondentFirstName".																										
ECQ_D11D	If CON_AGE > 13, DT_ECQ22E = "your". Otherwise, DT_ECQ22E = "^RespondentFirstName's".																										
ECQ_D11E	If CON_AGE > 13, DT_ECQ14E = "Do you". Otherwise, DT_ECQ14E = "Does ^RespondentFirstName".																										
ECQ_D11F	Not Applicable																										
ECQ_D11G	If CON_AGE > 13, DT_ECQ16E = "your". Otherwise, if CON_SEX = 1, DT_ECQ16E = "his". Otherwise, if CON_SEX = 2, DT_ECQ16E = "her".																										
ECQ_Q12A	<p>Statistics Canada may combine information about [you/RespondentFirstName] collected during this survey with information from other surveys or from administrative data sources.</p> <p>The results will be used for statistical purposes only.</p> <p>Do we have your permission to combine this information?</p> <table border="0"> <tr> <td style="padding-right: 20px;">1</td> <td style="padding-right: 20px;">Yes</td> <td>(Go to ECQ_Q14)</td> </tr> <tr> <td>2</td> <td>No</td> <td>(Go to ECQ_D21)</td> </tr> <tr> <td colspan="2">DK, RF</td> <td>(Go to ECQ_D21)</td> </tr> </table> <p>Help text:</p> <p><i>CHMS data could be combined with the respondent's information from:</i></p> <ul style="list-style-type: none"> - the Provincial Ministry of Health; - health registries or other recognized health organizations. <p><i>This would include information on the respondent's past and continuing use of:</i></p> <ul style="list-style-type: none"> - services provided at hospitals, clinics and doctor's offices; - other health services provided by the province. 	1	Yes	(Go to ECQ_Q14)	2	No	(Go to ECQ_D21)	DK, RF		(Go to ECQ_D21)																	
1	Yes	(Go to ECQ_Q14)																									
2	No	(Go to ECQ_D21)																									
DK, RF		(Go to ECQ_D21)																									
ECQ_Q14	<p>Having a ^DT_PROVTERR1 health number will assist Statistics Canada in linking the survey data to the ^DT_PROVTERR1 health information. ^DT_ECQ14E have a(n) ^DT_PROVINCEE health number?</p> <table border="0"> <tr> <td style="padding-right: 20px;">1</td> <td style="padding-right: 20px;">Yes</td> <td>(Go to ECQ_Q16)</td> </tr> <tr> <td>2</td> <td>No</td> <td>(Go to ECQ_D21)</td> </tr> <tr> <td colspan="2">DK, RF</td> <td>(Go to ECQ_D21)</td> </tr> </table>	1	Yes	(Go to ECQ_Q16)	2	No	(Go to ECQ_D21)	DK, RF		(Go to ECQ_D21)																	
1	Yes	(Go to ECQ_Q16)																									
2	No	(Go to ECQ_D21)																									
DK, RF		(Go to ECQ_D21)																									
ECQ_Q15	<p>For which [province/territory] is [your/RespondentFirstName's] health number?</p> <table border="0"> <tr><td>10</td><td>Newfoundland and Labrador</td></tr> <tr><td>11</td><td>Prince Edward Island</td></tr> <tr><td>12</td><td>Nova Scotia</td></tr> <tr><td>13</td><td>New Brunswick</td></tr> <tr><td>24</td><td>Quebec</td></tr> <tr><td>35</td><td>Ontario</td></tr> <tr><td>46</td><td>Manitoba</td></tr> <tr><td>47</td><td>Saskatchewan</td></tr> <tr><td>48</td><td>Alberta</td></tr> <tr><td>59</td><td>British Columbia</td></tr> <tr><td>60</td><td>Yukon</td></tr> <tr><td>61</td><td>Northwest Territories</td></tr> <tr><td>62</td><td>Nunavut</td></tr> </table>	10	Newfoundland and Labrador	11	Prince Edward Island	12	Nova Scotia	13	New Brunswick	24	Quebec	35	Ontario	46	Manitoba	47	Saskatchewan	48	Alberta	59	British Columbia	60	Yukon	61	Northwest Territories	62	Nunavut
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60	Yukon																										
61	Northwest Territories																										
62	Nunavut																										

	88 Does not have a [provincial/territorial] health number (Go to ECQ_D21) DK, RF (Go to ECQ_R21)
ECQ_Q16	<p>What is [your/his/her] health number?</p> <p><u>INSTRUCTION</u>: Enter the respondent's health number. Do not insert blanks, hyphens or commas between the numbers.</p> <hr/> <p>(12 spaces)</p> <p>DK, RF (Go to ECQ_D21)</p>
ECQ_N16	<p><u>INSTRUCTION</u>: Re-enter the health number.</p> <hr/> <p>(12 spaces)</p> <p>DK, RF</p>
ECQ_D21	<p>If ECQ_Q16 = RESPONSE and CON_AGE > 13, DT_ECQ21TEXTE = "Your name, address, telephone number and health number". Else if ECQ_Q16 <> RESPONSE and CON_AGE > 13, DT_ECQ21TEXTE = "Your name, address and telephone number". Else if ECQ_Q16 = RESPONSE and CON_AGE < 14, DT_ECQ21TEXTE = "^RespondentFirstName's name, address, telephone number and health number". Else if ECQ_Q16 <> RESPONSE and CON_AGE < 14, DT_ECQ21TEXTE = "^RespondentFirstName's name, address and telephone number".</p>
ECQ_R21	<p>To avoid duplication of surveys, Statistics Canada has signed agreements with Health Canada and the Public Health Agency of Canada to share the information collected during this survey.</p> <p>^DT_ECQ21TEXTE will not be shared.</p> <p><u>INSTRUCTION</u>: Press <1> to continue.</p>
ECQ_Q22	<p>They have agreed to keep the information confidential and use it only for statistical purposes.</p> <p>Do you agree to share [your/RespondentFirstName's] information with Health Canada and the Public Health Agency of Canada?</p> <p>1 Yes 2 No DK, RF</p>
ECQ_END	

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Contact (CONT)

CONT_BEG	<p>External fields required:</p> <p>Variables taken from sample file: STAND: name of the city/town/village in which the clinic has been set up CLINICID: 8 digit respondent identifier</p> <p>Variables assigned in Variable Creation : CurrentYear: numeric year during which clinic visit is taking place CurrentMonth: numeric month during which clinic visit is taking place CurrentDay: numeric day during which clinic visit is taking place DryRun: indicator of whether the case is a dry run case SessionE: English text of when the clinic visit is taking place</p> <p>Variables from previously completed blocks: RespondentName: first and last name of respondent GenderE: English text for sex of respondent CON_AGE: age of respondent CON_SEX: sex of respondent</p>
CONT_C01	<p>If DryRun in (1, 2), go to CONT_END. Otherwise, go to CONT_Q01.</p>
CONT_Q01	<p>We may want to contact your household in a number of years to ask about your participation in a follow-up to this survey.</p> <p>Do we have your permission to contact you?</p> <p>1 Yes 2 No (DK is not allowed) RF</p>
CONT_C03B	<p>If CONT_Q01 = 2 or RF, go to CONT_END. Otherwise, go to CONT_Q03.</p>
Content type:	<p><i>NOTE TO DATA USERS:</i> If the respondent does not consent for Statistics Canada to contact their home to participate in a follow up to the CHMS (CONT_Q01=2 or RF), go to CONT_END.</p>
CONT_Q03	<p>In case you move or change telephone numbers, it would be helpful if you could provide the name, telephone number and address of a relative or friend who could help us to contact you.</p> <p><u>INSTRUCTION:</u> Press <1> to continue.</p> <p>1 Continue (DK is not allowed) RF</p>
CONT_C04	<p>If CONT_Q03 = RF, go to CONT_END. Otherwise, go to CONT_B05.</p>

CONT_B05	Call the Get Contact Name (GCN) block. See Appendix I.
Programmer:	<p>Pass the following parameters: DV_QTEXT_E = "I want to emphasize that we will contact this person only if we experience difficulty reaching you."</p>
CONT_C05	<p>If CONT_B05.GCN_Q02 = 1, go to CONT_END. Otherwise, go to CONT_D05.</p>
CONT_D05	
Programmer:	<pre>IF CONT_B05.GCN_FNAME = DK or RF AND CONT_B05.GCN_LNAME = DK or RF THEN CONT1_NAMEE = "the person" ELSE IF CONT_B05.GCN_FNAME = DK or RF THEN CONT1_NAMEE = CONT_B05.GCN_LNAME ELSE IF CONT_B05.GCN_LNAME = DK or RF THEN CONT1_NAMEE = CONT_B05.GCN_FNAME ELSE CONT1_NAMEE = CONT_B05.GCN_FNAME + CONT_B05.GCN_LNAME ENDIF</pre>
CONT_B06	Call the Address block. See Appendix I.
Programmer:	<p>Pass the following parameters: DV_QTEXT_E = "What is the address for ^CONT1_NAMEE?" LISTINGADFLAG = 2 (No) NONCANADFLAG = 1 (Yes)</p>
CONT_C07	<p>If CONT_B06.Province = 77 "Outside of Canada and U.S.A.", go to CONT_B08. Otherwise, go to CONT_B07.</p>
CONT_B07	Call the North American Telephone block (NATP). See Appendix I. Go to CONT_B09
Programmer:	<p>Pass the following parameters: DV_QTEXT_E = "What is the telephone number for ^CONT1_NAMEE, including the area code?" ASKEXT = 2 (No).</p>
CONT_B08	Call the Overseas Telephone block (OSTP). See Appendix I.
Programmer:	<p>Pass the following parameters: DV_QTEXT_E = "What is the telephone number for ^CONT1_NAMEE, including the area code?"</p>
CONT_B09	Call the Get Contact Name block (GCN). See Appendix I.
Programmer:	<p>Pass the following parameters: DV_QTEXT_E = "Is there someone else we could call to help us contact you? Again, we will contact this person only if we experience difficulty reaching you and then only to obtain the new address and telephone number. "</p>
CONT_C09	<p>If CONT_B09.GCN_Q02 = 1, go to CONT_END. Otherwise, go to CONT_D09.</p>

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CONT_D09
 Programmer: *IF CONT_B09.GCN_FNAME = DK or RF AND CONT_B09.GCN_LNAME = DK or RF THEN
 CONT2_NAMEE = "the person"
 ELSE IF CONT_B09.GCN_FNAME = DK or RF THEN
 CONT2_NAMEE = CONT_B09.GCN_LNAME
 ELSE IF CONT_B09.GCN_LNAME = DK or RF THEN
 CONT2_NAMEE = CONT_B09.GCN_FNAME
 ELSE
 CONT2_NAMEE = CONT_B09.GCN_FNAME + CONT_B09.GCN_LNAME
 ENDIF*

CONT_B10
 Call the Address block. See Appendix I.

Programmer: *Pass the following parameters:
 DV_QTEXT_E = "What is the address for ^CONT2_NAMEE?"
 LISTINGADFLAG = 2 (No)
 NONCANADFLAG = 1 (Yes)*

CONT_C11
 If CONT_B10.Province = 77 "Outside of Canada and U.S.A.", go to
 CONT_B12.
 Otherwise, go to CONT_B11.

CONT_B11
 Call the North American Telephone block (NATP). See Appendix I.
 Go to CONT_END

Programmer: *Pass the following parameters:
 DV_QTEXT_E = "What is the telephone number for ^CONT2_NAMEE, including the area
 code?"
 ASKEXT = 2 (No).*

CONT_B12
 Call the Overseas Telephone block (OSTP). See Appendix I.

Programmer: *Pass the following parameters:
 DV_QTEXT_E = "What is the telephone number for ^CONT2_NAMEE, including the area
 code?"*

CONT_END

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Clinic Sign-Out Component (CSO)

CSO_BEG

External variables required:

Variables taken from sample file:

STAND: name of the city/town/village in which the clinic has been set up

CLINICID: 8 digit respondent identifier

Variables assigned in Variable Creation :

CurrentYear: numeric year during which clinic visit is taking place

CurrentMonth: numeric month during which clinic visit is taking place

CurrentDay: numeric day during which clinic visit is taking place

SessionE: English text of when the clinic visit is taking place

DryRun: indicator of whether the case is a dry run case

Variables output from previously completed blocks:

RespondentName: name of respondent

GenderE: English text for sex of respondent

CON_AGE: age of respondent

RespondentFirstName: respondent's preferred official language

SCS_N12: visit type (3= clinic visit; 4= home visit)

DT_REP11TEXTE : Dynamic text from REP block

("^RespondentFirstName's"/"your")

RespondentName: first and last name of the respondent

CSO_D05

If CON_AGE < 14 and CON_SEX = 1, DT_CSOR11E = "he".

If CON_AGE < 14 and CON_SEX = 2, DT_CSOR11E = "she".

Otherwise, DT_CSOR11E = "you".

CSO_R11A

Thank you for participating in the survey. Here is [RespondentFirstName's/your] Report of physical measurements containing the results for some of the tests [he/she/you] performed today.

INSTRUCTION: Provide the respondent with his/her Report of physical measurements.

Briefly review the report with the respondent, identifying each section and explaining where the results and interpretations can be found.

Press <1> to continue.

CSO_D11

Programmer:

```
IF SCS_N12 = 4 THEN
```

```
    CSO_D11 = EMPTY
```

```
ELSE
```

```
    IF CSO_R11A = 1 and CSO_D11 = EMPTY,
```

```
        Set CSO_D11 = Current Time (in HH:MM:SS format)
```

```
ENDIF
```

CSO_R11B	<p>Do you have any questions about this report? If you would like, a Health Measures Specialist can spend a few minutes reviewing the test results with you now.</p> <p><u>INSTRUCTION</u>: If a respondent has questions, ask a Health Measures Specialist to answer any questions about the test results.</p> <p>Press <1> to continue.</p>
CSO_D12	<p>If DryRun in (1, 2), DT_CS012TEXTE = "If you move, please inform us by phoning or e-mailing us". Otherwise, DT_CS012TEXTE = "If you move, please inform us by e-mail or by returning this change of address card".</p>
CSO_R12	<p>We will send the final report of [RespondentFirstName's/your] test results in 6 to 7 months. ^DT_CS012TEXTE</p> <p><u>INSTRUCTION</u>: Press <1> to continue.</p>
CSO_C21	<p>If DryRun in (1, 2), go to CSO_N23. Otherwise, go to CSO_N22.</p>
CSO_N22	<p><u>INSTRUCTION</u>: Record whether RespondentName is to receive the standard reimbursement of \$100.</p> <p>1 Yes (Go to CSO_D23) 2 No (DK, RF not allowed)</p>
CSO_N23	<p><u>INSTRUCTION</u>: Record the reimbursement amount.</p> <p> _ _ _ Amount (in dollars) (MIN: 0) (MAX: 300) (DK, RF not allowed)</p>
CSO_D23 Programmer:	<pre>IF CSO_N22 = 1 THEN CSO_D23 = "100" ELSE CSO_D23 = CSO_N23 ENDIF</pre>
CSO_C24A	<p>If DryRun = 3, go to CSO_C24C. Otherwise, go to CSO_C24B.</p>
CSO_C24B	<p>If (DryRun = 1 or 2) and CSO_D23 > 0, go to CSO_N24. Otherwise, go to CSO_END.</p>
CSO_C24C	<p>If DryRun = 3 and CSO_D23 > 100, go to CSO_N25. Otherwise, go to CSO_D30.</p>

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CSO_N24 INSTRUCTION: Specify the reason why a reimbursement is being disbursed to a dry-run participant.

(80 spaces)

(DK, RF not allowed)

Go to CSO_D30

CSO_N25 INSTRUCTION: Specify the reason why a reimbursement in excess of \$100 is being disbursed.

(80 spaces)

(DK, RF not allowed)

CSO_D30 If CON_AGE > 13, DT_CSO30TEXTE = "my".
Otherwise, DT_CSO30TEXTE = "^RespondentName's".
If CON_AGE < 14, DT_NAMECSO = "EMPTY".
Otherwise, DT_NAMECSO = "^RespondentName".

CSO_N30 INSTRUCTION: Press <1> to print the Reimbursement form.

1 Print the form
(DK, RF not allowed)

CSO_D31 If CON_AGE > 13, DT_CSO31TEXT2E = "respondent".
Otherwise, DT_CSO31TEXT2E = "parent or guardian".

CSO_R31 **Before you leave, I would like to provide you with a reimbursement of the expenses for [RespondentFirstName's/your] participation in the clinic portion of the survey. I need you to sign this form, which indicates that you received the reimbursement.**

INSTRUCTION: Provide the [respondent/parent or guardian] with the Reimbursement Form.

When the [respondent/parent or guardian] returns the form, check to ensure that all requested information has been filled in and is legible.

Sign the form as the witness.

Press <1> to continue.

CSO_END

Appendix 1

Date Block (APP1)

APP1_BEG

Date Block

DAY INSTRUCTION: Enter the day.

|_|_| Day
(MIN: 1) (MAX: 31)

MONTH INSTRUCTION: Select the month.

01	January	07	July
02	February	08	August
03	March	09	September
04	April	10	October
05	May	11	November
06	June	12	December

YEAR INSTRUCTION: Enter a four-digit year.

|_|_|_| Year
(MIN: 1925) (MAX: 2009)

DATE_END

APP1_END

Address (AD)

AD_BEG

Import the following variables:

DV_QTEXT_E (QuestionText)
LISTINGADFLAG †YesNo
NONCANADFLAG †YesNo

AD_Q01

ADV_QTEXT_E

INTERVIEWER: Enter the civic number.
If necessary, ask: **(What is the civic number?)**

(5 spaces)

DK, RF

AD_C01

If DK or RF is entered and LISTINGADFLAG <> Yes, go to AD_N01.
Otherwise, go to AD_Q02.

AD_N01	<p>INTERVIEWER: (^ADV_QTEXT_E)</p> <p>Do you wish to skip the remaining address fields?</p> <p>1 Yes (Go to AD_END) 2 No (DK, RF not allowed)</p> <p>Programmer: <i>If "Yes" is selected, fill address fields with DK or RF (based on the response to AD_Q01) and go to AD_END.</i></p>
AD_Q02	<p>(^ADV_QTEXT_E)</p> <p>INTERVIEWER: Enter the street name. If necessary, ask: (What is the street name?)</p> <hr/> <p>(50 spaces)</p> <p>DK, RF</p> <p>Programmer: <i>Null is not allowed.</i></p>
AD_Q03	<p>(^ADV_QTEXT_E)</p> <p>INTERVIEWER: Enter the apartment number. If necessary, ask: (What is the apartment number?)</p> <hr/> <p>(5 spaces)</p> <p>DK, RF</p>
AD_Q04	<p>(^ADV_QTEXT_E)</p> <p>INTERVIEWER: Enter the city, town, village or municipality. If necessary, ask: (What is the city, town, village or municipality?)</p> <hr/> <p>(30 spaces)</p> <p>(DK, RF not allowed)</p>
AD_D05	<p>If (LISTINGADFLAG = Yes and NONCANADFLAG = No) or (LISTINGADFLAG = No and NONCANADFLAG = No), DT_CLANOTEXT_E = "EMPTY". Otherwise, DT_CLANOTEXT_E = "If the address is outside Canada, press <Enter>".</p>

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AD_Q05

(^ADV_QTEXT_E)

INTERVIEWER: Enter the postal code. **[EMPTY /If the address is outside Canada, press <Enter>]**
If necessary, ask: **(What is the postal code?)**

(6 spaces)

DK, RF (Go to AD_Q07)

Go to AD_E05A

Programmer:

The value "EMPTY" should go to AD_D07.

AD_D06

If first character of the postal code is "A", DT_PROV_E = **"Newfoundland and Labrador"**.
If first character of the postal code is "B", DT_PROV_E = **"Nova Scotia"**.
If first character of the postal code is "C", DT_PROV_E = **"Prince Edward Island"**.
If first character of the postal code is "E", DT_PROV_E = **"New Brunswick"**.
If first character of the postal code is "G" or "H" or "J", DT_PROV_E = **"Quebec"**.
If first character of the postal code is "K" or "L" or "M" or "N" or "P", DT_PROV_E = **"Ontario"**.
If first character of the postal code is "R", DT_PROV_E = **"Manitoba"**.
If first character of the postal code is "S", DT_PROV_E = **"Saskatchewan"**.
If first character of the postal code is "T", DT_PROV_E = **"Alberta"**.
If first character of the postal code is "V", DT_PROV_E = **"British Columbia"**.
If first character of the postal code is "Y", DT_PROV_E = **"Yukon"**.
If first character of the postal code is "X", DT_PROV_E = **"Nunavut, Northwest Territories"**.

AD_D06A

If first character of the postal code is "Y" or "X", DT_PROV_TERR_E = **"territory"**.
Otherwise, DT_PROV_TERR_E = **"province"**.

AD_C06A

If the first character of the postal code is "X", go to AD_D07.
Otherwise, go to AD_Q06.

AD_Q06

(^ADV_QTEXT_E)

INTERVIEWER: Confirm that the ^DT_PROV_TERR_E is ^DT_PROV_E.
If necessary, ask: **(So the ^DT_PROV_TERR_E is ^DT_PROV_E?)**

1 Yes (Go to AD_END)
2 No
(DK, RF not allowed)

AD_D07

If NONCANADFLAG = Yes, DT_USA_E = **"U.S.A."**.
Otherwise, DT_USA_E = "" "".
If NONCANADFLAG = Yes, DT_OUTSIDE_E = **"Outside of Canada and U.S.A."**.
Otherwise, DT_OUTSIDE_E = "" "".

AD_Q07

(^ADV_QTEXT_E)

INTERVIEWER: Select the province or territory.
If necessary, ask: **(What is the province or territory?)**

- 10 Newfoundland and Labrador
 - 11 Prince Edward Island
 - 12 Nova Scotia
 - 13 New Brunswick
 - 24 Quebec
 - 35 Ontario
 - 46 Manitoba
 - 47 Saskatchewan
 - 48 Alberta
 - 59 British Columbia
 - 60 Yukon
 - 61 Northwest Territories
 - 62 Nunavut
 - 76 [U.S.A./" "]
 - 77 [Outside of Canada and U.S.A./" "]
- (DK, RF not allowed)

AD_D07A

If AD_Q07 = 60 or 61 or 62, DT_PROV_TERR2_E = **"territory"**.
Otherwise, DT_PROV_TERR2_E = **"province"**.

AD_C08

If 76 "U.S.A." is selected, and NONCANADFLAG = Yes, go to AD_Q08.
Otherwise, go to AD_END.

AD_Q08

(^ADV_QTEXT_E)

INTERVIEWER: Select the state.
If necessary, ask: **(What is the state?)**

- 01 Alabama
- 02 Alaska
- 03 Arizona
- 04 Arkansas
- 05 California
- 06 Colorado
- 07 Connecticut
- 08 Delaware
- 09 District of Columbia
- 10 Florida
- 11 Georgia
- 12 Hawaii
- 13 Idaho
- 14 Illinois
- 15 Indiana
- 16 Iowa
- 17 Kansas
- 18 Kentucky
- 19 Louisiana
- 20 Maine
- 21 Maryland
- 22 Massachusetts
- 23 Michigan
- 24 Minnesota
- 25 Mississippi

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- 26 Missouri
 - 27 Montana
 - 28 Nebraska
 - 29 Nevada
 - 30 New Hampshire
 - 31 New Jersey
 - 32 New Mexico
 - 33 New York
 - 34 North Carolina
 - 35 North Dakota
 - 36 Ohio
 - 37 Oklahoma
 - 38 Oregon
 - 39 Pennsylvania
 - 40 Rhode Island
 - 41 South Carolina
 - 42 South Dakota
 - 43 Tennessee
 - 44 Texas
 - 45 Utah
 - 46 Vermont
 - 47 Virginia
 - 48 Washington
 - 49 West Virginia
 - 50 Wisconsin
 - 51 Wyoming
- (DK, RF not allowed)

AD_Q09

(^ADV_QTEXT_E)

INTERVIEWER: Enter only a US zip code.
If necessary, ask: **(What is the zip code?)**

(12 spaces)

DK, RF

(Go to AD_END)

AD_END

Get Contact Name (GCN)

GCN_BEG

Import the following variables:

DV_QTEXT_E (Question text)

GCN_N01

^ADV_QTEXT_E

INSTRUCTION: Enter the first name.

(50 spaces)

DK, RF

(Go to GCN_Q02)

Go to GCN_Q03

GCN_Q02

(^ADV_QTEXT_E)

INSTRUCTION: Do you wish to skip the remaining contact fields?

1 Yes (Go to GCN_END)

2 No
(DK, RF not allowed)

Programmer:

If "Yes" is selected, fill contact fields with DK or RF (based on the response to GCN_Q01).

GCN_Q03

(^ADV_QTEXT_E)

INSTRUCTION: Enter the last name.

(50 spaces)

DK, RF

GCN_END

North American Telephone (NATP)

NATP_BEG

Import the following variables:

DV_QTEXT_E (Question Text)

ASKEXT †YesNo

NATP_Q01

^ADV_QTEXT_E

INTERVIEWER: Enter the area code.

If necessary, ask: **(What is the area code?)**

Enter "000" if no telephone.

|_|_|_|
(MIN: 0)
(MAX: 995)

DK, RF

(Go to NATP_Q02)

NATP_C01

If NATP_Q01 = "000", fill NATP_Q02 with "0000000", go to NATP_END.
Otherwise, go to NATP_E01A.

FOR INFORMATION ONLY

NATP_Q02

(^ADV_QTEXT_E)

INTERVIEWER: Enter the telephone number.

If necessary, ask: **(What is the telephone number?)**

|_|_|_|_|_|_|_|_|_|

(MIN: 0)

(MAX: 9999995)

DK, RF

(Go to NATP_END)

NATP_C03

If NATP_Q02 = DK, RF or "0000000" or ASKEXT = No, go to NATP_END.
Otherwise, go to NATP_Q03.

NATP_Q03

(^ADV_QTEXT_E)

INTERVIEWER: Enter the extension, if applicable.

(6 spaces)

DK, RF

Programmer:

The extension field can be left empty.

NATP_END

Overseas Telephone (OSTP)

OSTP_BEG

Import the following variables:

DV_QTEXT_E (Question Text)

OSTP_Q01

(^ADV_QTEXT_E)

INTERVIEWER: Enter the country code.

If necessary, ask: **(What is the country code?)**

Enter "000" if no telephone.

(3 spaces)

DK, RF

(Go to OSTP_Q02)

OSTP_C01

If OSTP_Q01 = "000", fill OSTP_Q02 with "0000" and OSTP_Q03 with
"0000000", go to OSTP_END.
Otherwise, go to OSTP_Q02.

FOR INFORMATION ONLY

OSTP_Q02

(^ADV_QTEXT_E)

INTERVIEWER: Enter the city code (if required).
If necessary, ask: **(What is the city code?)**

(4 spaces)

DK, RF

OSTP_C02

If OSTP_Q02 = "blank", go to OSTP_Q03.
Otherwise, go to OSTP_Q03.

OSTP_Q03

(^ADV_QTEXT_E)

INTERVIEWER: Enter the telephone number.
If necessary, ask: **(What is the telephone number?)**

(8 spaces)

DK, RF

OSTP_END

FOR INFORMATION ONLY