Millennium Cohort Study
Sixth Sweep (MCS6)

Age 14 Survey

Activity Monitor, Time Use and Physical Measurement

February 2017

Contents

INTRODUCTION

The Millennium Cohort Study Sweep 6 (MCS6) Survey was carried out using computer-assisted personal interviewing (CAPI) and computer-assisted self interviewing (CASI), both scripted in the software package IBM SPSS Data Collection. This document is the paper documentation of the computer-based script.

Structure of the questionnaire

This document contains the part of the questionnaire that collected data from the cohort members on Physical measurement, the administration of the activity monitor and time-use diary.

Features of the documentation

Module

The questionnaire is comprised of modules on specific topics which contain a list of all questions, answer options and routing conditions (or the rules that govern when a question should be asked).

Questions and answers

Each question has been given a unique name that can be identified by its bold, blue formatting. At most questions the respondent was given a pre-defined list, either read out by the interviewer or written on a showcard, from which to choose his/her answer. At other questions the respondent was not offered a pre-defined list and the interviewer codes his/her answer into a pre-defined list or enters it verbatim.

Most questions are single-coded questions, that is, questions where the respondent may only give one answer. Unless otherwise stated, a question is single coded. If multiple responses may be coded, the question will include an interviewer note indicating this, usually 'CODE ALL THAT APPLY'. However, some answers in multi-coded questions may be exclusive codes, meaning that no other response may be coded in conjunction.

Finally, unless otherwise stated, 'Don't know' and 'Refusal' are valid answers at all questions. It is stated in the answers if these are not allowed.

In addition to questions, there is some text labelled 'PAUSE'. This is introductory text that the interviewers on screen prior to seeing the question that proceeds it.

Routing

Routing instructions are fully detailed in italics at appropriate points. The routing condition is both explained in words and given in terms of the logical command. The expressions '<', '=', '>' are used to denote 'less than', 'equal to' and 'more than', respectively. The term '<>' means 'not equal to'. The routing condition is displayed immediately before the first question to which it applies and is indicated by an 'IF' statement. The end of a particular routing condition is indicated by an 'END OF FILTER' instruction.

Some routing is noted in boxes above a question. This routing applies to large blocks of questions, and stops when the next 'box' of routing appears.

In the routing statements variables or questions will be referred to. If the question is from another module, then the question name will be prefixed by the module name. For instance,

'HHQRE.ADSA = 2' indicates that the question ADSA is in the module 'HHQRE' (the household questionnaire module). Additionally, if the routing uses 'feed forward' information from a prior interview, that variable will be referred to with the prefix 'FF'.

Textfills

In some cases the text of a question may be varied to take account of particular circumstances by using a 'textfill'. These possible different wordings are indicated by '[^ and end with ']'. When more than one possible textfill appears within a question, they are separated by '/'. The circumstances in which the text is varied is specified in footnotes. If twins or triplets names are used in a textfill the textfill will read as '[Child1 name] and [Child 2 name] and [Child3] name'.

Checks

An advantage of CAPI questionnaires is that checks can be included in the program to alert interviewers to potential errors.

A number of checks have been included in the CAPI script. Checks to prevent logical inconsistencies have been included in the household and parent questionnaires. Additionally, where applicable, range checks have been included in both the household and parent questionnaires. These checks alert interviewers to when a value entered (for instance, the year when a respondent moved house) seems unlikely or inconsistent with previous answers, or prevents interviewers from entering a value that is impossible (for instance, a date of birth that is in the future).

ACTIVITY MONITOR AND TIME-USE (ACC/TUD)

<table>
<tr><td>ACTIVITY MONITORING AND TIME-USE RECORD
(SEPARATE MODULE FOR EACH COHORT MEMBER)</td></tr>
</table>

DK and REF not allowed at any question from CHIC3 – TUDLANG

CHIC3

SINGLE CODE ONLY
***** YOUNG PERSON ACTIVITY MONITOR AND TIME-USE RECORD:
PARENT CONSENT TO APPROACH YOUNG PERSON*****

DID PARENT/GUARDIAN GIVE WRITTEN CONSENT FOR [^Cohort member's Name] TO BE ASKED TO WEAR AN ACTIVITY MONITOR AND TO COMPLETE THE TIME-USE RECORD? IF YES, CODE WHICH ONES.

REMINDER:
INFORMATION LEAFLET USED:
**"WEARING AN ACTIVITY MONITOR AND COMPLETING A TIME-USE RECORD -
INFORMATION FOR PARENTS"**

CONSENT FORM USED: **CONSENT BOOKLET (CF01) – YOUNG PERSON ELEMENTS 1**
INTERVIEWER: PARENT/GUARDIAN MUST HAVE SIGNED FORM **AND** INITIALLED OR TICKED THE APPROPRIATE BOX TO INDICATE CONSENT WAS GIVEN FOR EACH OF THESE ELEMENTS
1 Yes, consent for activity monitor and time-use record given
2 Yes, consent for activity monitor only given
3 Yes, consent for time-use record only given
4 No, consent not given for activity monitor and time-use record

IF signed consent given [CHIC3 = 1, 2 or 3]

| **CHAC3**
| SINGLE CODE ONLY
| *** **YOUNG PERSON ACTIVITY MONITOR AND TIME-USE RECORD:**
| **YOUNG PERSON CONSENT** ***
|
| DID [^Cohort Member's Name] GIVE VERBAL CONSENT TO WEAR AN ACTIVITY
| MONITOR AND TO COMPLETE THE TIME-USE RECORD? IF YES, CODE WHICH
| ONES.
|
| **REMINDER:**
| INFORMATION BOOKLET USED:
| **"WEARING AN ACTIVITY MONITOR AND COMPLETING A TIME-USE RECORD –**
| **INFORMATION FOR STUDY MEMBERS"**
|
| CONSENT FORM USED: **CONSENT BOOKLET (CF01) – YOUNG PERSON**
|
| INTERVIEWER: YOU SHOULD NOT HAVE ASKED CONSENT FROM YOUNG PERSON |
IF PARENT HAS NOT GIVEN CONSENT TO APPROACH YOUNG PERSON.
|
| 1 Yes, consent for activity monitor and time-use record given
| 2 Yes, consent for activity monitor only given
| 3 Yes, consent for time-use record only given
| 4 No, consent not given for activity monitor and time-use record
|
|
| *If activity monitor consented [CHAC3 = 1 or 2]*
| |
| | ACCSTOCK
| | INTERVIEWER: PLEASE CONFIRM THAT YOU HAVE AN ACTIVITY MONITOR TO
| | PLACE?
| | CODE 'NO' IF YOU HAVE RUN OUT OF DEVICES.
| | 1. YES
| | 2. NO
| |
| *END OF FILTER*

| *If placement consented [CHAC3 = 1, 2 or 3]*
| |

> CAPI programme will automatically select two allocated days.
> 1) The current date and the following three days are ineligible for selection.
> 2) From the 7 days following that, one random week day and one random weekend day will be selected.
> 3) If ACCSTOCK = 2 the two selected days should be two weeks later (same rules as above, but add two weeks)
> 4) In households with twins and triplets the same days will be selected – in households with twins/triplets the selection should be made once, when the module is first entered.

> 5) If the ACC/TUD module for a sibling is entered on a different day to the first CM, and the (interview day +3 days) gap is still valid, the same dates are selected, otherwise new random dates are selected (as rule 1)
> 6) In the event that the interviewer only has one device in stock when visiting twins/triplets, rule 3) will take priority over rule 4) for the second and third

| |
| *END OF FILTER*

| *If consented to activity monitor [CHAC3 = 1 or 2] and ACCSTOCK = 1]*
| |
| | GENE
| | INTERVIEWER: RECORD GENEACTIV DEVICE SERIAL NUMERIC
| | **HARD CHECK** – if the answer is not 6 characters display the text: 'INTERVIEWER:
| | DEVICE SERIAL NUMBERS HAVE 6 CHARACTERS (INCLUDING LEADING ZEROS). | | |
PLEASE AMEND
| | **HARD CHECK** – if the answer does not match one from our list: 'INTERVIEWER: THIS
| | IS NOT A VALID DEVICE SERIAL NUMBER. PLEASE AMEND
| |
| | GENECK
| | INTERVIEWER: PLEASE CONFIRM GENEACTIV DEVICE SERIAL
| |
| | HARD CHECK: If **GENE** and **GENECK** do not match DISPLAY ERROR 'The device
| | serial numbers you entered do not match, please try again'. (LOOP BACK TO GENE)
| |
| | GENE2
| | INTERVIEWER: PLEASE SWITCH THE DEVICE ON NOW!
| |
| END OF FILTER

| *If consented to activity monitor [CHAC3 = 1 or 2]*
| | ACCDESP
| | INTERVIEWER: STICK ACTIVITY MONITOR DESPATCH BARCODE STICKER ON
| | DESPATCH FORM
| |
| *END OF FILTER*

| | TUDM
| | READ OUT: Would you like to complete the time-use record online, using a computer, or | | | on an app for your Apple or Android smartphone or tablet?
| | 1. Web (for completion on a laptop or desktop)
| | 2. App (for completion on an Apple or Android smartphone or tablet)
| | 3. SPONTANEOUS: No internet access – use paper version
| |
| *END OF FILTER*

| *If TUDM = 2]*
| | TUDM_CHK
| | INTERVIEWER: PLEASE CONFIRM THAT THE YOUNG PERSON HAS AN APPLE OR | | | ANDROID DEVICE TO FILL IN THE RECORD (<u>NOT</u> WINDOWS/BLACKBERRY)
| | 1. YES – YOUNG PERSON ABLE TO COMPLETE RECORD USING APPLE OR
| | ANDROID DEVICE
| | 2. NO – GO BACK AND CHOOSE MODE AGAIN
| |
| *END OF FILTER*

If TUDM_CHK = 2 return to TUDM

| *If ACC OR TUD placement consented [CHAC3 = 1, 2 or 3]*
| | PAUSE_TUDM
| | INTERVIEWER: WRITE THE FOLLOWING INFORMATION ONTO THE:
| |
| *END OF FILTER*

| *If activity monitor placed [CHAC3 = 1 or 2]*
| | ACTIVITY MONITOR – MORE INFORMATION LEAFLET (Z04)
| |
| | *If TUD web or app[TUDM=1 or TUDM=2]*
| | | 2 x TIME-USE NOTEBOOKS (B04)
| | |
| | END OF FILTER
| |
| | *If TUD paper [TUDM=3]*
| | | 2 x TIME-USE RECORDS (B03)
| | |
| | END OF FILTER
| |
| *END OF FILTER*

| DAY: 1: [DAY, DATE]
| DAY: 2: [DAY, DATE]

| *If TUD placement consented [CHAC3 = 1 or 3]*
| | TUDLOGIN
| | INTERVIEWER: ATTACH THE TIME-USE LOGIN STICKER TO THE:
| |
| *END OF FILTER*

| | *If TUD web [TUDM=1]*

| | | ONLINE TIME-USE RECORD LEAFLET (Z05)
| | |
| | | END OF FILTER
| |
| | *If TUD app [TUDM=2]*
| | | APP TIME-USE RECORD LEAFLET (Z06)
| | |
| | | END OF FILTER
| |
| | *If TUD paper [TUDM=3]*
| | | 2 x TIME-USE RECORDS (B03)
| | |
| | | END OF FILTER
| |
| *END OF FILTER*
|
| **ENTER THE LOGIN CODE HERE:**
| *String [DP: VALIDATE TO FORMAT EXACTLY AA1AA. ERROR: "THE LOGIN CODE*
| *MUST BE IN THE FORMAT AA1AA (LETTER, LETTER, NUMBER, LETTER, LETTER),*
| *PLEASE RE-DO"]*
| HARD CHECK – if the answer does not match one from our list: 'INTERVIEWER: THIS IS
| NOT A VALID LOGIN CODE. PLEASE AMEND'
|
| *If TUD placement consented [CHAC3 = 1 or 3]*
| | TUDLOGIN2CK
| | INTERVIEWER: RE-ENTER LOGIN CODE HERE
| |
| | HARD CHECK: If TUDLOGIN and TUDLOGIN2CK do not match DISPLAY ERROR 'The | |
log-in codes you entered do not match, please try again'. (LOOP BACK TO TUDLOGIN)
| *END OF FILTER*
|
| *If ACC OR TUD placement consented [CHAC3 = 1, 2 or 3]*
| | **PACKAGING**
| |
| *END OF FILTER*
|
| *If TUD placement only consented [CHAC3 = 3] AND TUD placement is web or app*
| *[TUDM=1 or 2] DISPLAY*
| | INTERVIEWER - GIVE THE FOLLOWING MATERIALS TO THE YOUNG PERSON:
| |
| *END OF FILTER*
|
| *If ACC placement consented [CHAC3 = 1 or 2] OR TUD consented on paper [TUDM= 3]*
| | INTERVIEWER: PUT THE FOLLOWING MATERIALS INTO THE GOLD PRE-PAID
| | PACKAGING AND GIVE TO THE YOUNG PERSON:
| |
| *END OF FILTER*
|
| *IF CHAC3 = 1 or 2*
| | 'ACTIVITY MONITOR - MORE INFORMATION' LEAFLET
| |
| *END OF FILTER*
|
| *IF TUDM = 1*

| | 'ONLINE TIME-USE RECORD' LEAFLET
| |
| *END OF FILTER*
|
| *IF TUDM = 2*
| | 'APP TIME-USE RECORD' LEAFLET
| |
| *END OF FILTER*
|
| *IF TUDM = 1 OR 2*
| | TIME-USE NOTEBOOKS x 2 (ONE FOR EACH DAY)
| |
| *END OF FILTER*
|
| *IF TUDM = 3*
| | PAPER TIME-USE RECORDS x 2 (ONE FOR EACH DAY)
| |
| *END OF FILTER*
|
| *IF CHAC3 = 1 , 2 or 3*
| | TEACHER LETTER
| |
| *END OF FILTER*
|
| *IF CHAC3 = 1 or 2*
| | SPORTS CLUB LETTER
| |
| *END OF FILTER*
|
| *IF CHAC3 = 1 or 2*
| | COMPLETED DESPATCH FORM
| |
| *END OF FILTER*

| | TUDACCEXPLAIN
| | INTERVIEWER: READ OUT ACTIVITY MONITOR AND TIME-USE RECORD
| | EXPLANATION
| |
| *END OF FILTER*

| *If ACCSTOCK = 1*
| | I'd like you to wear this activity monitor and complete a time-use record on one week day
| | and one weekend day. The computer has selected [DAY, DATE] and [DAY, DATE] for
| | you.
| |
| *END OF FILTER*

| *If ACCSTOCK = 2*
| | We will post an activity monitor to you in the next one to two weeks so that you have it in
| | time for your first day. I'd like you to wear it and complete a time-use record on one week
| | day and one weekend day. The computer has selected [DAY, DATE] and [DAY, DATE] for | |
you.
| |
| | The task starts at 4am and finishes at 4am the next day. You should put the activity
| | monitor on the night before each of the selected days and keep it on until the morning
| | after.
| |
| | You should wear it on the wrist of the hand you don't write with. It's waterproof so you can
| | wear it in the bath or shower.
| |
| | The time-use record asks you to record what you were doing, where you were, who you
| | were with and how much you liked each activity you did during the day.
| |
| *END OF FILTER*

| *If TUD app [TUDM= 2]*
| | You need to download the app to your Apple or Android smartphone or tablet.
| |
| |
| *END OF FILTER*

| *If TUD web or app [TUDM=1 OR 2]*
| | You should log in to the time-use record using the login code on the leaflet. You won't be
| | able to log in straight away but it will be ready before your first day, [DAY 1].
| |
| *END OF FILTER*

| *If TUD web or app [TUDM=1 OR 2]*
| | I'm also giving you two time-use notebooks which are for you to use to write down what
| | you are doing during the day. This will help you remember what you've done when you
| | come to fill in the time-use record.
| |
| | There are two letters that might be useful. One is to give to your teacher if they ask why
| | you are wearing an activity monitor and completing a time-use record. The other is for
| | any sports clubs that you go to and explains why you are wearing the monitor.
| |
| | After the second day, please send the [if TUDM = 3 'time-use records and'] activity

| | monitor back to the office as soon as possible so we can give it to another young person.
| | You don't need to pay any postage.
| |
| | Do you have any questions about these tasks?
| |
| *END OF FILTER*

/
| *If consented to activity monitor only [CHAC3= 2]*
| | **ACCONLYEXPLAIN**
| | INTERVIEWER: READ OUT ACTIVITY MONITOR EXPLANATION
| |
| *END OF FILTER*

/
| *If ACCSTOCK = 1*
| | I'd like you to wear this activity monitor on one week day and one weekend day. The
| | computer has selected [DAY, DATE] and [DAY, DATE] for you to wear it.
| |
| *END OF FILTER*

/
| *If ACCSTOCK = 2*
| | We will post an activity monitor to you in the next one to two weeks so that you have it in
| | time for your first day. I'd like you to wear it on one week day and one weekend day. The
| | computer has selected [DAY, DATE] and [DAY, DATE] for you.
| |
| | The task starts at 4am and finishes at 4am the next day. You should put the monitor on
| | the night before each of the selected days and keep it on until the morning after.
| |
| | You should wear it on the wrist of the hand you don't write with. It's waterproof so you can | |
wear it in the bath or shower.
| |
| | There are two letters that might be useful. One is to give to your teacher if they ask why
| | you are wearing an activity monitor. The other is for any sports clubs that you go to and
| | explains why you are wearing the monitor.
| |
| | INTERVIEWER, IF PARENT AND YP HAVE CONSENTED TO TEXT MESSAGING
| | READ OUT:
| | We will send you (and your parent) text messages as a reminder to wear it.
| |
| | After the second day, please send it back to the office as soon as possible so we can give | |
it to another young person. You don't need to pay any postage.
| |
| | Do you have any questions about this task?
| |
| *END OF FILTER*

/
| *If consented to time-use record only [CHAC3=3]*
| | **TUDONLYEXPLAIN**
| | INTERVIEWER: READ OUT TIME USE RECORD EXPLANATION
| |
| | I'd like you to complete your time-use record on one week day and one weekend day. The | |
computer has selected [DAY, DATE] and [DAY, DATE] for you to complete the record.
| |
| | I'd like you to record what you were doing from 4am to 4am. The record also asks you to
| | record where you were, who you were with and how much you liked each activity you did

| | during the day.
| |
/
| If TUD app [TUDM= 2]
| | You need to download the app to your smartphone or tablet.
| |
/
| If TUD web or app [TUDM=1 OR 2]
| | You should log in to the time-use record using the login code on the leaflet. You won't be
| | able to log in straight away but it will be ready before your first day, [DAY 1].
| |
/
| If TUD web or app [TUDM=1 OR 2]
| | I'm also giving you two time-use notebooks which are for you to use to write down what
| | you are doing during the day. This will help you remember what you've done when you
| | come to fill in the time-use record.
| |
| | There's a letter that might be useful. It's to give to your teacher if they ask why you are
| | completing a time-use record.
| |
| | INTERVIEWER, IF PARENT AND YP HAVE CONSENTED TO TEXT MESSAGING
| | READ OUT:
| | We will send you (and your parent) text messages as a reminder to complete the time –
| | use records.
| |
/
| If TUD paper [TUDM= 3]
| | After the second day, please send the time-use records back to the office as soon as
| | possible. You don't need to pay any postage.
| |
| | Do you have any questions about this task?
| **|**
/
| IF paper TUD placed [TUDM = 3]
| | TUDLANG
| | INTERVIEWER: DID YOU PLACE ENGLISH OR WELSH TRANSLATED PAPER TIME-
| | USE RECORDS?
| | 1. English
| | 2. Welsh
| |
| | **PAUSE**
| |
| | INTERVIEWER: THAT IS THE END OF THE ACTIVITY MONITOR AND TIME USE
| | DIARY MODULE ([^CM number]) FOR [^CM name].
| |
| | PRESSING 'NEXT' WILL TERMINATE THE SCRIPT AND YOU WILL NOT BE ABLE TO
| | RESTART IT.
| |

END OF FILTER

PHYSICAL MEASUREMENT (PM)

REPEAT QUESTIONS FOR EACH COHORT MEMBER

CHSTART [PAUSE]

**** START OF PHYSICAL MEASUREMENTS FOR [^**Cohort member's name**] ****

CHIC

*** **YOUNG PERSON MEASUREMENTS**: **PARENT CONSENT TO APPROACH YOUNG PERSON***

DID PARENT/GUARDIAN GIVE WRITTEN CONSENT FOR [^Cohort member's Name] TO BE ASKED TO COMPLETE THE PHYSICAL MEASUREMENTS? IF YES, CODE WHICH ONES.

REMINDER:
INFORMATION BOOKLET USED: **"WHAT WOULD WE LIKE YOU AND YOUR CHILD TO DO? INFORMATION FOR PARENTS"**
CONSENT FORM USED: **CONSENT BOOKLET (CF01) – YOUNG PERSON ELEMENTS 1**

INTERVIEWER: PARENT/GUARDIAN MUST HAVE SIGNED FORM **AND** INITIALLED <u>OR</u> TICKED THE APPROPRIATE BOX TO INDICATE CONSENT WAS GIVEN FOR EACH OF THESE MEASUREMENTS

1 Yes, consent for all measurements given (SINGLE CODE ONLY)
2 Yes, consent for height given
3 Yes, consent for weight given
4 Yes, consent for body fat given
5 No, consent not given for any measurements (SINGLE CODE ONLY)

IF signed consent NOT given for any elements [CHIC = 5] route out of interview

IF signed consent given [CHIC = 1, 2, 3 OR 4][1]
|
| **CHAC**
|
| *** **YOUNG PERSON MEASUREMENTS**: **YOUNG PERSON CONSENT** ***
|
| DID [^Cohort Member's Name] GIVE VERBAL CONSENT TO COMPLETE THE
| PHYSICAL MEASUREMENTS? IF YES, CODE WHICH ONES.
|
| **REMINDER**:
| INFORMATION BOOKLET USED: "**WHAT WOULD WE LIKE YOU TO DO?**
| **INFORMATION FOR STUDY MEMBERS"**
| CONSENT FORM USED: **CONSENT BOOKLET (CF01) – YOUNG PERSON**
|
| INTERVIEWER: YOU SHOULD NOT HAVE ASKED CONSENT FROM YOUNG PERSON

---

[1] SCRIPTER NOTE: ONLY ELEMENTS PARENT HAS GIVEN CONSENT FOR AT CHIC SHOULD APPEAR HERE

| IF PARENT HAS NOT GIVEN CONSENT TO APPROACH YOUNG PERSON.
|
| SCRIPTER NOTE: ONLY ELEMENTS PARENT HAS GIVEN CONSENT FOR AT CHIC
| SHOULD APPEAR HERE.
|
| 1 Yes, consent for all measurements given (SINGLE CODE ONLY)
| 2 Yes, consent for height given
| 3 Yes, consent for weight given
| 4 Yes, consent for body fat given
| 5 No, consent not given for any measurements (SINGLE CODE ONLY)
|
|
END OF FILTER

IF verbal consent NOT given for any elements [CHAC = 5] or consent only given for body fat [CHAC = 4 ONLY] route out of interview

PMINTRO
INTERVIEWER: BEFORE YOU START TAKING PHYSICAL MEASUREMENTS, EXPLAIN TO THE YOUNG PERSON THAT **ONLY** YOU WILL SEE THE MEASUREMENTS YOU ARE GOING TO TAKE AND YOU WILL NOT READ THEM OUT LOUD. AT THE END YOU WILL ASK THE YOUNG PERSON IF THEY WOULD LIKE A RECORD OF ANY OF THESE MEASUREMENTS ON A CARD.

| **Start of height measurement** |

IF parental consent and young person consent given to measure height [CHAC=1 OR CHAC=2]
|
| **HTCM**
|
| INTERVIEWER: YOU ARE NOW IN THE HEIGHT MODULE FOR [^Cohort member's
| name]
| ATTEMPT TO MEASURE HEIGHT THEN ENTER HEIGHT IN CENTIMETRES.
| DO NOT READ MEASUREMENT OUT LOUD.
|
| INTERVIEWER: MAKE SURE MEASURING SECTIONS ARE PUT TOGETHER IN THE
| CORRECT ORDER BEFORE TAKING HEIGHT.
|
| **MAXIMUM NUMBER OF DECIMAL PLACES ALLOWED IS ONE.**
|
| Range: 1.0…997.0
|
| **UNABLE TO OBTAIN HEIGHT MEASUREMENT**
|
| *If decimal place not entered or is 0*
| |

| | **htcm1d**
| |
| | Is that....?
| |
| | 1 [^centimetres entered].1
| | 2 [^centimetres entered].2
| | 3 [^centimetres entered].3
| | 4 [^centimetres entered].4
| | 5 [^centimetres entered].5
| | 6 [^centimetres entered].6
| | 7 [^centimetres entered].7
| | 8 [^centimetres entered].8
| | 9 [^centimetres entered].9
| | 10 [^centimetres entered].0
| |
| END FILTER
| **CHECK HTCM**
| *IF unable to obtain height measurement [HTCM=Unable to obtain]*
| | **UNHT**
| |
| | PLEASE CODE REASON UNABLE TO OBTAIN HEIGHT MEASUREMENT
| |
| | 1 Young person cannot stand unaided
| | 2 Young person self-conscious about height
| | 3 Young person would not / could not stand still
| | 4 Young person refused
| | 5 Parent refused
| | 6 Problem with stadiometer
| | 7 Other (specify)
| |
| | *IF Other reason at UNHT (UNHT = 7)*
| | |
| | | **UNHO**
| | |
| | | OTHER - PLEASE SPECIFY
| | |
| | | String255
| | |
| | END OF FILTER
| |
| END OF FILTER
|
|
| *IF Height measurement taken [HTCM <> Unable to obtain]*
| |
| | **HTAT**
| |
| | ENTER NUMBER OF ATTEMPTS TO TAKE MEASUREMENT
| |
| | Range: 1..97
| | **CHECK HTAT**
| |

HTM

USING THE 24 HOUR CLOCK, ENTER TIME MEASUREMENT WAS TAKEN

RECORD HOUR AND MINUTE

HTM1	**HTM2**
Hours:	Minutes:
Range: 1..23	Range: 0..59

CHECK HTTM

HTRL

WHICH OF THESE CIRCUMSTANCES APPLY TO THE MEASUREMENT?
CODE ALL THAT APPLY

1 Hairstyle
2 Turban or other headwear
3 Posture - back not straight
4 Posture - legs not straight
5 Unable to stand still
6 Shoes were worn
7 Socks were worn
8 Other issue
9 None of these (SINGLE CODE ONLY)

IF height measurement circumstances = Other [HTRL = 8]

HTOT

OTHER - PLEASE SPECIFY

String255

END OF FILTER

HTEL

IS THERE ANYTHING ELSE YOU THINK WE NEED TO KNOW ABOUT THIS
MEASUREMENT?

1 Yes
2 No

IF whether further height information = Yes [HTEL = 1]

| | | **HTEX**
| | |
| | | WHAT ELSE DO WE NEED TO KNOW ABOUT THIS MEASUREMENT?
| | |
| | | String255
| | |
| | END OF FILTER
| |
| END OF FILTER
|
| **STAD**
|
| INTERVIEWER: Please record serial number of stadiometer used for this interview
|
| 6 digit ID number
|
END OF FILTER

START OF WEIGHT AND BODY FAT MEASUREMENT

IF parental consent and young person consent given to measure weight [CHAC=1 OR CHAC=3]

|
| **BFCK**
|
| INTERVIEWER: YOU ARE NOW IN THE WEIGHT AND BODY FAT MODULE FOR
| [^Cohort 's name]
|
| INTERVIEWER: PLEASE CONFIRM WITH PARENT THAT YOUNG PERSON IS NOT
| FITTED WITH A PACEMAKER.
| IF THEY ARE FITTED WITH A PACEMAKER YOU SHOULD ONLY MEASURE THEIR
| WEIGHT
|
| 1 Young person has no pacemaker
| 2 Young person has a pacemaker
|
| **CHECK BFCK**
|
| *IF Young person has no pacemaker, young person and parent consented to body fat and*
| *height measurement obtained [BFCK = 1 AND (CHAC=1 or CHAC=4) AND*
| *HTCM<>Unable to obtain]*
| |
| | **BFIN** [**PAUSE**]
| |
| | INTERVIEWER ENTER THE FOLLOWING DETAILS INTO THE SCALES ABOUT
| | THE YOUNG PERSON:
| | AGE: [^Age in years]
| | GENDER: [^Male/Female]
| | HEIGHT: [^HTCM show height measurement as whole number as scales will only accept
| | whole centimetres. For measurements ending .1, .2, .3, .4 round down; for
| | measurements ending .6, .7, .8, .9 round up. If .5 and the number of centimetres is even | |
round down (e.g. 110.5 round to 110); If .5 and the number of centimetres is odd round
| | up (e.g. 111.5 round to 112)]
| |

| END OF FILTER
|
END OF FILTER

IF parental consent and young person consent given to measure weight [CHAC=1 OR CHAC=3]
|
| **WTCM**
|
| ATTEMPT TO MEASURE WEIGHT AND ENTER WEIGHT IN KILOS AS IT APPEARS
| ON THE SCALES
| DO NOT READ MEASUREMENT OUT LOUD.
|
| INTERVIEWER: MAKE SURE THAT THE SCALES ARE MEASURING IN KILOGRAMS
| BEFORE TAKING WEIGHT
|
| **MAXIMUM NUMBER OF DECIMAL PLACES ALLOWED IS ONE**
|
| Range: 1.0..197.0
| UNABLE TO OBTAIN WEIGHT MEASUREMENT
|
| *If decimal place not entered or is 0*
| |
| |
| | **WTCM1D**
| |
| | Is that....?
| |
| | 1 [^kilos entered].1
| | 2 [^kilos entered].2
| | 3 [^kilos entered].3
| | 4 [^kilos entered].4
| | 5 [^kilos entered].5
| | 6 [^kilos entered].6
| | 7 [^kilos entered].7
| | 8 [^kilos entered].8
| | 9 [^kilos entered].9
| | 10 [^kilos entered].0
| | END FILTER
|
| **CHECK WTCM**
|
| *IF unable to obtain weight measurement*
| |

WTUN

PLEASE CODE REASON UNABLE TO OBTAIN WEIGHT MEASUREMENT

1 Young person cannot stand unaided
2 Young person self-conscious about weight
3 Young person would not / could not stand still
4 Young person refused
5 Parent refused
6 Problem with scales
7 Other reason (specify)

IF weight not measured for another reason [WTUN = 7]

WTOX

INTERVIEWER: ENTER REASON/UNABLE TO TAKE MEASUREMENT.

String80

END OF FILTER

END OF FILTER

IF Weight measured [WTCM = Response AND <> Unable to obtain]

IF parental consent and young person consent given to measure body fat [CHAC=1 OR CHAC=4 AND does not have pacemaker [BFCK = 1] AND Height measurement taken [HTCM = Response and NOT HTCM = Unable to obtain]

BFPC

ENTER BODY FAT MEASUREMENT AS DISPLAYED ON THE SCALES
DO NOT READ MEASUREMENT OUT LOUD.

MAXIMUM NUMBER OF DECIMAL PLACES ALLOWED IS ONE

Range 1.0..100.0
UNABLE TO OBTAIN BODY FAT MEASUREMENT

If decimal place not entered

BFPCD

Is that....?

1 [^percentage entered].1
2 [^percentage entered].2
3 [^percentage entered].3
4 [^percentage entered].4
5 [^percentage entered].5
6 [^percentage entered].6
7 [^percentage entered].7
8 [^percentage entered].8

| | | | 9 [^percentage entered].9
| | | | 10 [^percentage entered].0
| | | END FILTER
| | |
| | | **CHECK BFPC**
| | |
| | | **FEET**
| | | INTERVIEWER: WHAT DID THE RESPONDENT HAVE ON THEIR FEET?
| | | INCLUDE THIN NYLON SOCKS OR STOCKINGS WITH THIN TIGHTS
| | | 1 Barefoot
| | | 2 Thin tights
| | | 3 Thick tights / socks
| | | 4 Other
| | |
| | | *IF unable to obtain body fat measurement [BFPC = Unable to obtain]*
| | | |
| | | | **NOBF**
| | | |
| | | | INTERVIEWER: CODE REASON WHY YOU WERE UNABLE TO MEASURE
| | | | BODY FAT
| | | |
| | | | 1 Parent refused
| | | | 2 Young person refused
| | | | 3 Young person's feet not long enough
| | | | 4 Problem with scales
| | | | 5 Not able to take measurement for other reason (specify)
| | | |
| | | | *IF unable to take measurement for other reason [NOBF = 5]*
| | | | |
| | | | | **NBFX**
| | | | |
| | | | | INTERVIEWER: ENTER REASON FOR REFUSAL/UNABLE TO TAKE | |
| | | MEASUREMENT
| | | | |
| | | | | String80
| | | | |
| | | | END OF FILTER
| | | |
| | | END OF FILTER
| |
| | END OF FILTER
| |
| |
| | **WTAT**
| |
| | ENTER NUMBER OF ATTEMPTS TO TAKE MEASUREMENT
| |
| | Range: 1..97
| |
| | **CHECK WTAT**
| |

| | **WTSC**
| |
| | WERE SCALES PLACED ON AN UNEVEN FLOOR OR CARPET?
| |
| | 1 Yes - uneven floor
| | 2 Yes - carpet
| | 3 No - neither
| |

| | **WTRL**
| |
| | WHICH OF THESE CIRCUMSTANCES APPLY TO THE MEASUREMENT(S)?
| | CODE ALL THAT APPLY
| |
| | 1 Young person was wearing shoes
| | 2 Young person was wearing more than light clothing
| | 3 Young person was wearing a plaster cast on upper limb i.e. arm
| | 4 Young person was wearing a plaster cast on lower limb i.e. leg
| | 5 Unable to stand still
| | 6 Other issue (specify)
| | 7 None of these (SINGLE CODE ONLY)
| |
| | *IF Other = weight measurement circumstances [WTRL = 6]*
| | |
| | | **WTOT**
| | |
| | | OTHER - PLEASE SPECIFY
| | |
| | | String255
| | |
| | END OF FILTER
| |
| | **WTEL**
| |
| | IS THERE ANYTHING ELSE YOU THINK WE NEED TO KNOW ABOUT THIS
| | MEASUREMENT?
| |
| | 1 Yes
| | 2 No
| |
| | *IF there is anything else need to know about measurement [WTEL = 1]*
| | |
| | | **WTEX**
| | |
| | | WHAT ELSE DO WE NEED TO KNOW ABOUT THIS MEASUREMENT?
| | |
| | | String255
| | |
| | END OF FILTER
| |
| END OF FILTER
|

| **SCAN**
|
| INTERVIEWER: Please record serial number of scales used for this interview.
|
| 6 digit ID number
|
END OF FILTER

IF at least one physical measurement taken [HTCM = RESPONSE OR WTCM = RESPONSE]
|
| **PMRC**
|
| INTERVIEWER: PLEASE CHECK WHETHER THE YOUNG PERSON WOULD LIKE A
| RECORD OF ANY OF THE MEASUREMENTS YOU HAVE TAKEN. EXPLAIN THAT
| THEY DO NOT HAVE TO HAVE A RECORD OF ANY MEASUREMENT IF THEY DO
| NOT WANT TO.
|
| 1 Yes – height
| 2 Yes – weight
| 3 Yes – body fat
| 4 No – none (SINGLE CODE ONLY)
|
| *IF young person would like a record of the measurements taken [PMRC = 1, 2, 3]*
| |
| | [**PAUSE**]
| |
| | INTERVIEWER: PLEASE RECORD THE REQUESTED INFORMATION ONLY ON THE
| | YOUNG PERSON MEASUREMENT RECORD CARD[2]:
| |
| | Name: [^Cohort member's name]
| |
| | Height (cms): [^HTCM/^HTCM1][3] - cms
| | Height (feet/inches): [^HTCM/^HTCM1][4] - feet/inches
| |
| | Weight (KG): [^WTCM/^HTCM1] - kg
| | Weight (Stones/Pounds): [^WTCM/^HTCM1] - stones/pounds
| | Bodyfat percentage: [^BFPC] %
| |
| |
| |
| END OF FILTER
|
END OF FILTER

---

[2] CAPI SHOULD ONLY DISPLAY MEASUREMENTS THAT YOUNG PERSON REQUESTS
[3] THE METRIC MEASUREMENT IS THE MEASUREMENT AS ENTERED BY INTERVIEWER (SAME APPLIES TO WEIGHT)
[4] THE IMPERIAL MEASUREMENT IS TO BE CALCULATED BY CAPI (SAME APPLIES TO WEIGHT). INCHES AND POUNDS SHOULD BOTH BE ROUNDED DOWN.

CHEND **[PAUSE]**

INTERVIEWER: THAT IS THE END OF THE PHYSICAL ELEMENTS MODULE FOR [^RESPONDENT].
PRESSING 'NEXT' WILL TERMINATE THE SCRIPT AND YOU WILL NOT BE ABLE TO RESTART IT.

Checks

CHECK HTCM

IF parental consent and young person consent given to measure height [CHAC=1 OR CHAC=2]

| *IF height measurement is answered [HTCM <> Unable to obtain AND =RESPONSE]*

| | *IF height measurement is less than or equal to 120 cm or more than or equal to 200 cm [HTCM <= 120 or >=200]*

| | | **[PAUSE]**

| | | ^HtCm centimetres can't be right. A young person of this age should be between 120 cm and 200 cm tall. Please change.

| | | **Things to check:**
| | | Have you mis-read the measurement on the stadiometer?
| | | Have you mis-keyed the measurement in CAPI?
| | | Are the sections of the stadiometer assembled in the correct order?

| | | **HTCMCHK1**

| | | INTERVIEWER CHECK THE FOLLOWING AND CODE ALL THAT APPLY

| | | 1 Sections of the stadiometer are assembled in the correct order.
| | | 2 Measurement was correctly read from stadiometer.
| | | 3 Measurement keyed into CAPI (^HtCm cm) is correct.
| | | 4 MEASUREMENT TO BE AMENDED (SINGLE CODE ONLY)

| | | *IF Height entered incorrectly [HTCMCHK1 = 4 OR (HTCMCHK1 <> 1 & 2 & 3)] GO TO HTCM*

| | | *IF Height entered correctly [HTCMCHK1 = 1 & 2 & 3]*

| | | | HTCM1 = HTCM

| | | | *IF [HTCM < 120] HTCM = 120*
| | | | *IF [HTCM > 200] HTCM = 200*

| | | | GO TO HTAT

| | | END OF FILTER

| | END OF FILTER

| | *IF height measurement is less than 140 cm or more than 185 cm [HTCM < 140 AND >120] OR [HTCM > 185 AND < 200]*

| | |

| | | [**PAUSE**]
| | |
| | | ^HtCm centimetres is rather [high/low]. We would normally expect a young person of
| | | this age to be between 140 cm and 185 cm tall. Please check."
| | |
| | | **Things to check:**
| | | Have you mis-read the measurement on the stadiometer?
| | | Have you mis-keyed the measurement in CAPI?
| | | Are the sections of the stadiometer assembled in the correct order?
| | |
| | | **CHKHTCM**
| | |
| | | IS ^HtCm CENTIMETRES CORRECT?
| | |
| | | 1 Yes
| | | 2 No
| | |
| | | *IF No GOTO HTCM [HTCMCHK = 2]*
| | |
| | END OF FILTER
| |
| END OF FILTER

CHECK HTAT
IF parental consent and young person consent given to measure height [CHAC=1 OR CHAC=2]
| *IF Height measurement taken [HTCM <> Unable to obtain]*
| |
| | *IF number of attempts at measurement is answered [HTAT = RESPONSE]*
| | |
| | | *IF number of attempts to take measurement is more than 10 [HTAT > 10]*
| | | |
| | | | **HTATCHK**
| | | |
| | | | ^HTAt attempts is high. Please check.
| | | | IS ^HTAt CORRECT?
| | | |
| | | | 1 Yes
| | | | 2 No
| | | |
| | | | *If No GOTO HTAT [HTATCHK = 2]*
| | | |
| | | | END OF FILTER
| | |
| | END OF FILTER

CHECK HTTM
IF parental consent and young person consent given to measure height [CHAC=1 OR CHAC=2]
| *IF Height measurement taken [HTCM <> Unable to obtain]*
| |
| | *IF time of measurement is entered [HTTM = RESPONSE]*
| | |
| | | *IF time is after 9 pm or before 7 am [HTM1 > 21 and <7]*
| | | |

| | | | **HTTMCHK**
| | | |
| | | | That is between 9pm and 7am. Are you sure?
| | | |
| | | | 1 Yes
| | | | 2 No
| | | |
| | | | *If No GOTO HTM1 [HTTMCHK = 2]*
| | | |
| | | END OF FILTER
| | |
| | END OF FILTER

CHECK BFCK
IF parental consent and young person consent given to measure weight and body fat [CHAC=1 OR CHAC=3]

IF young person has a pacemaker [BFCK = 2]

BFCKCHK
You have coded that the young person has a pacemaker. Are you sure?

1 Yes
2 No

If No GOTO BFCK [BFCKCHK = 2]

CHECK WTCM
IF parental consent and young person consent given to measure weight [CHAC=1 OR CHAC=3]
|
| *IF weight is entered [WTCM = RESPONSE AND <> Unable to obtain]*
| |
| | *IF weight is less than 20 kg or more than or equal to 120 kg [WTCM <20 or >=120]*
| | |
| | | [**PAUSE**]
| | |
| | | ^WTCM KILOS can't be right. Please change. A young person of this age should
| | | weigh between 20 kg and 120 kg. Please check.
| | |
| | | **Things to check:**
| | | Have you mis-read the weight measurement on the hand-held console?
| | | Have you mis-keyed the weight measurement in CAPI?
| | | Are the scales set to measure in kg?
| | |

WTCMCHK1

INTERVIEWER CHECK THE FOLLOWING AND CODE ALL THAT APPLY

1 Scales are set to measure in KG
2 Weight correctly read from scales
3 Weight keyed into CAPI (^WTCM kg) correctly
4 MEASUREMENT TO BE AMENDED (SINGLE CODE ONLY)

IF Weight to be amended [WTCMCHK1 = 4 OR <> 1 & 2 & 3] GOTO WTCM

IF weight entered correctly [WTCMCHK1 = 1 & 2 & 3]

| WTCM1 = WTCM

| *IF [WTCM < 20] WTCM = 20*
| *IF [WTCM > 120] WTCM = 120*

END OF FILTER

IF parental consent and young person consent given to measure body fat [CHAC = 1 OR CHAC = 4] AND does not have pacemaker [BFCK = 1] AND Height measurement taken [HTCM = Response] GOTO BFPC ELSE GOTO WTAT

END OF FILTER

IF weight is less than 31 kg or more than 84 kg [WTCM (<31 AND >=20) or (>84 AND <120)]

[PAUSE]

^WTCM KILOS is rather [high/low]. We would normally expect a young person of this age to weigh between 31 kg and 84 kg. Please check.

Things to check:
Have you mis-read the weight measurement on the hand-held console?
Have you mis-keyed the weight measurement in CAPI?
Are the scales set to measure in kg?

WTCMCHK

INTERVIEWER: IS ^WTCM KILOS CORRECT?

1 YES
2 NO

If No GOTO WTCM [WTCMCHK = 2]

END OF FILTER

END OF FILTER

CHECK BFPC

IF Weight measured [WTCM = Response AND <> Unable to obtain]

|

| IF parental consent and young person consent given to measure body fat [CHAC=1 OR
| CHAC=4 AND does not have pacemaker [BFCK = 1] AND Height measurement taken
| [HTCM = Response and NOT HTCM = Unable to obtain]

| |

| | IF body fat is measured [BFPC = RESPONSE AND <> Unable to obtain]

| | |

| | | IF body fat is not between 8 and 45 [BFPC < 8 OR BFPC > 45]

| | | |

| | | | **[PAUSE]**

| | | |

| | | | ^Bfpc is unusual. We would normally expect a young person of this age's body fat to
| | | | be between 8% and 45%. Please check.

| | | |

| | | | **Things to check:**
| | | | Have you mis-read the body-fat measurement on the hand-held console?
| | | | Have you mis-keyed the body-fat measurement in CAPI?
| | | | Was the young person's age entered correctly into the hand-held console?
| | | | Was the young person's height entered correctly into the hand-held console?
| | | | Was the young person's gender entered correctly into the hand-held console?

| | | |

| | | | **BFPCCHK**

| | | |

| | | | INTERVIEWER: IS ^BFPC% CORRECT?

| | | |

| | | | 1 Yes
| | | | 2 No

| | | |

| | | | *If No GOTO BFPC [BFPCCHK = 2]*

| | | |

| | | END OF FILTER

| | |

| | END OF FILTER

CHECK WTAT

IF Weight measured [WTCM = Response AND <> Unable to obtain]

|

| *IF parental consent and young person consent given to measure body fat [CHAC=1 OR*
| *CHAC=4 AND does not have pacemaker [BFCK = 1] AND Height measurement taken*
| *[HTCM = Response and NOT HTCM = Unable to obtain]*

| |

| | *IF number of attempts at measurement is answered [WTAT = RESPONSE]*

| | |

| | | *IF number of attempts to take measurement is more than 10 [WTAT > 10]*

| | | |

| | | | **WTATCHK**

| | | |

| | | | ^WTAT attempts is high. Please check."

| | | |

| | | | Is ^WTAT correct?

| | | |

| | | | 1 YES
| | | | 2 NO

| | | |

| | | | *If No GOTO WTAT [WTATCHK = 2]*

| | | |

| | | END OF FILTER

| | |

| | END OF FILTER

| END OF FILTER

END OF FILTER

INDEX