

# Survey on Living with Chronic Conditions in Canada (SLCDC)

## Respiratory Component - 2011 Questionnaire



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## Survey Introduction (XINT)

XINT\_BEG

Standard block

External variables required:

FNAME: first name of specific respondent from sample file.

LNAME: last name of specific respondent from sample file.

DOXINT: do block flag, from the sample file.

Screen display:

Display on header bar FNAME and LNAME separated by a space

XINT\_R01

**This survey is conducted under the authority of the Statistics Act in collaboration with the Public Health Agency of Canada. You may remember recently completing the Canadian Community Health Survey - this is a follow-up to that survey. The purpose of this survey is to collect information on Canadians with chronic health conditions. Data from the survey will be used by health professionals and public health programs, with the aim of improving health outcomes for Canadians with chronic conditions.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XINT\_R02

**Your answers will be kept strictly confidential and used only for statistical purposes. While participation is voluntary, your assistance is essential if the results are to be accurate.**

**(Registration #: STC/HLT-082-75437)**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XINT\_END

FOR INFORMATION ONLY

## General health (XGEN)

XGEN\_BEG      Content block

External variable required:

FNAME: first name of specific respondent from sample file.

LNAME: last name of specific respondent from sample file.

SEX: sex of respondent (1=male, 2=female) from sample file.

DOXGEN: do block flag, from the sample file.

Screen display:

Display on header bar FNAME and LNAME separated by a space

XGEN\_C01      If DOXGEN = 1, go to XGEN\_R01.  
Otherwise, go to XGEN\_END.

XGEN\_R01      **I would like to start with some general background questions.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XGEN\_Q01      **In general, would you say your health is:**

INTERVIEWER: Read categories to respondent.

- 1    ... **excellent?**
  - 2    ... **very good?**
  - 3    ... **good?**
  - 4    ... **fair?**
  - 5    ... **poor?**
- DK, RF

XGEN\_Q02      **Compared to one year ago, how would you say your health is now? Is it:**

INTERVIEWER: Read categories to respondent.

- 1    ... **much better now than 1 year ago?**
  - 2    ... **somewhat better now (than 1 year ago)?**
  - 3    ... **about the same as 1 year ago?**
  - 4    ... **somewhat worse now (than 1 year ago)?**
  - 5    ... **much worse now (than 1 year ago)?**
- DK, RF

XGEN\_Q03

**How satisfied are you with your life in general?**

INTERVIEWER: Read categories to respondent.

- 1 **Very satisfied**
  - 2 **Satisfied**
  - 3 **Neither satisfied nor dissatisfied**
  - 4 **Dissatisfied**
  - 5 **Very dissatisfied**
- DK, RF

XGEN\_Q04

**In general, would you say your mental health is:**

INTERVIEWER: Read categories to respondent.

- 1 **... excellent?**
  - 2 **... very good?**
  - 3 **... good?**
  - 4 **... fair?**
  - 5 **... poor?**
- DK, RF

XGEN\_Q05

**Thinking about the amount of stress in your life, would you say that most days are:**

INTERVIEWER: Read categories to respondent.

- 1 **... not at all stressful?**
  - 2 **... not very stressful?**
  - 3 **... a bit stressful?**
  - 4 **... quite a bit stressful?**
  - 5 **... extremely stressful?**
- DK, RF

XGEN\_END

FOR INFORMATION ONLY

## Diagnosis and family history (XDHR)

XDHR\_BEG Content block

External variables required:

FNAME: first name of specific respondent from sample file.

LNAME: last name of specific respondent from sample file.

CURRAGE: current age of respondent from SRC block.

CON\_FLAG: respiratory condition of respondent, from sample file.

DOXDHR: do block flag, from the sample file.

Screen display:

Display on header bar FNAME and LNAME separated by a space

XDHR\_C01 If DOXDHR = 1, go to XDHR\_R01.  
Otherwise, go to XDHR\_END.

XDHR\_R01 **Now I would like to ask some questions about breathing problems.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XDHR\_D01 If CON\_FLAG = 1, ^DT\_CON1E = "asthma".  
If CON\_FLAG = 2, ^DT\_CON1E = "emphysema, chronic bronchitis, or chronic obstructive pulmonary disease (COPD)".  
If CON\_FLAG = 1, ^DT\_CON1EC = "Asthma".  
If CON\_FLAG = 2, ^DT\_CON1EC = "Emphysema, chronic bronchitis, or chronic obstructive pulmonary disease (COPD)".

XDHR\_Q01 **To begin, do you have ^DT\_CON1E that has been diagnosed by a health professional?**

1 Yes (Go to XDHR\_C06B)

2 No (Go to XDHR\_Q02)

(DK, RF are not allowed)

XDHR\_Q02 **Has a health professional ever told you that you have ^DT\_CON1E?**

1 Yes (Go to XDHR\_C06B)

2 No (Go to XDHR\_Q03)

(DK, RF are not allowed)

XDHR\_Q03 **Have you ever had to use a puffer or inhaler to help you with your breathing?**

1 Yes (Go to XDHR\_Q05)

2 No (Go to XDHR\_Q04)

(DK, RF are not allowed)

XDHR\_Q04 **Have you ever visited a hospital emergency room because of problems with your breathing?**

- 1 Yes
- 2 No

(DK, RF are not allowed)

XDHR\_D05 Not applicable.

XDHR\_Q05 **During the CCHS interview, it was reported that you have ^DT\_CON1E that has been diagnosed by a health professional but this time it was reported that you do not. Is this because you control your ^DT\_CON1E through medication or changes to your lifestyle, because you never had an official diagnosis, or because of something else?**

- 1 Error in CCHS – never had ^DT\_CON1E
- 2 ^DT\_CON1EC was never diagnosed by a health professional
- 3 Feels better – doesn't think he/she still has ^DT\_CON1E
- 4 Takes medication that controls ^DT\_CON1E
- 5 Has respiratory condition other than ^DT\_CON1E
- 6 Other  
DK, RF

XDHR\_C06A If XDHR\_Q05 = 3 or 4, go to XDHR\_R06.  
Otherwise, go to XDHR\_R09.

XDHR\_R06 **You have said that you don't feel that you have ^DT\_CON1E anymore because you are able to control it. Even though your ^DT\_CON1E is controlled, we are still interested in hearing about your experiences.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XDHR\_C06B If CON\_FLAG = 2, go to XDHR\_Q06.  
Otherwise, go to XDHR\_D07A.

XDHR\_Q06 **Which condition do you have?**

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

- 1 **Chronic bronchitis**
  - 2 **Emphysema**
  - 3 **Chronic obstructive pulmonary disease (COPD)**
- DK, RF

XDHR\_D07A If CON\_FLAG = 1, ^DT\_CONDE = "asthma".  
If CON\_FLAG = 2 and XDHR\_Q06 = 3, ^DT\_CONDE = "COPD".  
If CON\_FLAG = 2 and XDHR\_Q06 = 2, ^DT\_CONDE = "emphysema".  
If CON\_FLAG = 2 and XDHR\_Q06 = 1, ^DT\_CONDE = "chronic bronchitis".  
Otherwise, if CON\_FLAG = 2, ^DT\_CONDE = "breathing problems".

XDHR\_Q07 **How old were you when you were first diagnosed with ^DT\_CONDE?**

INTERVIEWER: Maximum is ^CURRAGE.

If necessary, ask (**Do you know the approximate age in years?**). Encourage the respondent to give their best estimate - try not to accept 'Don't Know' as a response as this is important information. Probe if necessary.

||\_||  
(MIN: 0) (MAX: 130)  
DK, RF  
Go to XDHR\_Q08

XDHR\_E07 The age the respondent was first diagnosed is invalid. Please return and correct.

Note: Trigger hard edit if XDHR\_Q07 > CURRAGE.

XDHR\_Q08 **Do you have a blood relative, that is, a mother, father, sister, brother, or child who has ever been diagnosed with asthma, chronic bronchitis, emphysema, or chronic obstructive pulmonary disease (COPD)?**

INTERVIEWER: Include relatives who are living or deceased.

1 Yes  
2 No  
DK, RF

Go to XDHR\_END

XDHR\_R09 **Since this survey applies only to people with ^DT\_CON1E you are not eligible to participate in today's survey. Thank you for your time.**

INTERVIEWER: Press <1> to continue.



XDHR\_D09A If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXSSR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXTRR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXHUR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXMER = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXHCR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXALR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXRAR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXRWR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXRER = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXRVR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXSMR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXSWR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXSHR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXSCR = 2.  
If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, DOXADM = 2.

Note: This derived variable is to set the "DOMODULE" condition to "2" for all proceeding modules. Otherwise the "DOMODULE" condition for each module stays as is.

XDHR\_D09B If XDHR\_Q01 = 2 and XDHR\_Q02 = 2 and XDHR\_Q05 = 1, 2, 5, 6, DK or RF, autocode final to 40 (outside of sample).

XDHR\_END

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## Symptoms and severity (XSSR)

XSSR\_BEG Content block

External variables required:

FNAME: first name of specific respondent from sample file.

LNAME: last name of specific respondent from sample file.

DOXSSR: do block flag, from sample file.

CON\_FLAG: condition flag, from sample file (1 = asthma, 2 = COPD).

XDHR\_Q06: from XDHR module.

Screen display:

Display on header bar FNAME and LNAME separated by a space

XSSR\_C01 If DOXSSR = 1, go to XSSR\_D01.  
Otherwise, go to XSSR\_END.

XSSR\_D01 If CON\_FLAG = 1, ^DT\_CONDE = "asthma".  
If CON\_FLAG = 2 and XDHR\_Q06 = 3, ^DT\_CONDE = "COPD".  
If CON\_FLAG = 2 and XDHR\_Q06 = 2, ^DT\_CONDE = "emphysema".  
If CON\_FLAG = 2 and XDHR\_Q06 = 1, ^DT\_CONDE = "chronic bronchitis".  
Otherwise, If CON\_FLAG = 2, ^DT\_CONDE = "breathing problems".

XSSR\_R01 **Now some questions about the severity of your ^DT\_CONDE.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XSSR\_C02 If CON\_FLAG = 1, go to XSSR\_Q08.  
Otherwise, go to XSSR\_Q01.

XSSR\_Q01 **I am going to ask you some questions about shortness of breath. But first, are you unable to walk due to a condition other than shortness of breath?**

- 1 Yes
- 2 No (Go to XSSR\_Q03)
- DK, RF (Go to XSSR\_Q03)

XSSR\_Q02

**What type of condition is this?**

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

- 1 **A disease or illness**
  - 2 **Ageing**
  - 3 **A condition caused by an accident or injury**
- DK, RF

(Go to XSSR\_C10)

XSSR\_Q03

**Are you short of breath when dressing or undressing?**

INTERVIEWER: If the respondent says that they modify their activities or take breaks during activities so that they won't be short of breath, record this as 'yes'.

- 1 Yes (Go to XSSR\_C10)
  - 2 No
- DK, RF

XSSR\_Q04

**Do you ever have to stop for breath after walking about 100 m (or the length of a soccer field) on level ground?**

INTERVIEWER: If the respondent says that they modify their activities or take breaks during activities so that they won't be short of breath, record this as 'yes'.

- 1 Yes (Go to XSSR\_C10)
  - 2 No
- DK, RF

XSSR\_Q05

**Do you ever have to stop for breath when walking at your own pace on level ground?**

INTERVIEWER: If the respondent says that they modify their activities or take breaks during activities so that they won't be short of breath, record this as 'yes'.

- 1 Yes (Go to XSSR\_C10)
  - 2 No
- DK, RF

XSSR\_Q06

**Do you have to walk slower than people of your age on level ground because of shortness of breath?**

INTERVIEWER: If the respondent says that they modify their activities or take breaks during activities so that they won't be short of breath, record this as 'yes'.

- 1 Yes (Go to XSSR\_C10)
  - 2 No
- DK, RF

XSSR\_Q07

**Do you experience shortness of breath when hurrying on level ground or walking up a slight hill?**

INTERVIEWER: If the respondent says that they modify their activities or take breaks during activities so that they won't be short of breath, record this as 'yes'.

- 1 Yes
- 2 No  
DK, RF

Go to XSSR\_C10

XSSR\_Q08

**On average, how many days per week do you experience symptoms such as shortness of breath, cough, chest tightness, or wheeze during the day?**

(MIN: 0) (MAX: 7)  
DK, RF

XSSR\_Q09

**On average, how many nights per week do you experience symptoms such as shortness of breath, cough, chest tightness, or wheeze?**

(MIN: 0) (MAX: 7)  
DK, RF

XSSR\_C10

If CON\_FLAG = 2, go to XSSR\_D10.  
Otherwise, go to XSSR\_END.

XSSR\_D10

^DT\_ONEYEARAGO = current date - 1 year.  
^DT\_TWOYEARSAGO = current date - 2 years.

XSSR\_Q10

**During the past year, that is, from ^DT\_ONEYEARAGO to yesterday, have you had a cough where you brought up phlegm that lasted 3 months or more?**

- 1 Yes (Go to XSSR\_Q11)
- 2 No  
DK, RF

Go to XSSR\_END

XSSR\_Q11

**During the previous year, that is, from ^DT\_TWOYEARSAGO to ^DT\_ONEYEARAGO did you have a cough where you brought up phlegm that lasted 3 months or more?**

- 1 Yes
- 2 No  
DK, RF

XSSR\_END

## Triggers (XTRR)

XTRR\_BEG      Content block

External variables required:

FNAME: first name of respondent from household block.

LNAME: last name of respondent from the sample file.

CON\_FLAG: condition of respondent, from sample file.

XDHR\_Q06: from XDHR module.

DOXTRR: do block flag, from the sample file.

Screen display:

Display on header bar FNAME and LNAME separated by a space

XTRR\_C01      If DOXTRR = 1, go to XTRR\_D01.  
Otherwise, go to XTRR\_END.

XTRR\_D01      If CON\_FLAG = 1, ^DT\_CONDE = "asthma".  
If CON\_FLAG = 2 and XDHR\_Q06 = 3, ^DT\_CONDE = "COPD".  
If CON\_FLAG = 2 and XDHR\_Q06 = 2, ^DT\_CONDE = "emphysema".  
If CON\_FLAG = 2 and XDHR\_Q06 = 1, ^DT\_CONDE = "chronic bronchitis".  
Otherwise, if CON\_FLAG = 2, ^DT\_CONDE = "breathing problems".

XTRR\_R01      **Now I'd like to ask about things that may cause the symptoms of your ^DT\_CONDE to get worse.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

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XTRR\_Q01

I'm going to read you a list of items. Do any of the following bring on your  
^DT\_CONDE symptoms or make them worse?

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

- 01 **Dust**
- 02 **Feathers in items such as pillows, quilts or duvets**
- 03 **Dampness or humidity**
- 04 **Mold or mildew**
- 05 **Furry or feathered pets (for example, cats, dogs, rabbits, birds)**
- 06 **Pollen**
- 07 **Certain foods**
- 08 **Certain medicines**
- 09 **Colds or chest infections**
- 10 **Exercise/ physical activity**
- 11 **Laughing or crying**
- 12 **Stress**
- 13 **Cold air**
- 14 **Fumes from a WOOD stove or wood furnace**
- 15 **Outdoor air pollution**
- 16 **Tobacco smoke**
- 17 **A change in temperature or weather**
- 18 **Perfumes or colognes**
- 19 **Chemical fumes or gases (for example, chlorine, gasoline, paint or  
cleaners)**
- 20 **Other**
- 21 No triggers  
DK, RF

XTRR\_END

FOR INFORMATION ONLY

## Health care utilization (XHUR)

XHUR\_BEG      Content block

External variables required:

FNAME: first name of respondent from household block.

LNAME: last name of respondent from household block.

DOXHUR: do block flag, from the sample file.

CON\_FLAG: condition of respondent, from sample file.

CURRAGE: current age of respondent from SRC block.

XDHR\_Q06: respiratory condition of the respondent.

Screen display:

Display on header bar FNAME and LNAME separated by a space

XHUR\_C01      If age < 15, go to XHUR\_END.  
Otherwise, go to XHUR\_C02.

XHUR\_C02      If DOXHUR = 1, go to XHUR\_D01.  
Otherwise, go to XHUR\_END.

XHUR\_D01      If CON\_FLAG = 1, ^DT\_CONDE = "asthma".  
If CON\_FLAG = 2 and XDHR\_Q06 = 3, ^DT\_CONDE = "COPD".  
If CON\_FLAG = 2 and XDHR\_Q06 = 2, ^DT\_CONDE = "emphysema".  
If CON\_FLAG = 2 and XDHR\_Q06 = 1, ^DT\_CONDE = "chronic bronchitis".  
Otherwise, if CON\_FLAG = 2, ^DT\_CONDE = "breathing problems".

XHUR\_Q01      **Which of the following health professionals or practitioners do you consider  
most responsible for treating your ^DT\_CONDE?**

INTERVIEWER: Read categories to respondent.

- 1    **Family doctor, general practitioner or pediatrician**
  - 2    **Other medical doctor or specialist**
  - 3    **Asthma, COPD or respiratory educator**
  - 4    **Nurse or nurse practitioner**
  - 5    **Pharmacist**
  - 6    **Other health professional**
  - 7    No health professional responsible for treating breathing problems
- DK  
RF      (Go to XHUR\_END)

XHUR\_Q02 **Has a health care professional given you a breathing test where you blew into a small tube attached to a machine?**

- 1 Yes
- 2 No
- DK, RF

XHUR\_R03 **Now I'd like to ask about your contacts with various health professionals about your ^DT\_CONDE during the past 12 months.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XHUR\_Q03 **In the past 12 months, have you seen, or talked to any of the following health professionals about your ^DT\_CONDE:**

**... a family doctor or general practitioner?**

INTERVIEWER: Include both face-to-face and telephone contacts.

- 1 Yes
- 2 No
- DK, RF

XHUR\_Q04 **In the past 12 months, have you seen, or talked to:**

**... any other medical doctor or specialist about your ^DT\_CONDE?**

INTERVIEWER: Include both face-to-face and telephone contacts.

- 1 Yes
- 2 No
- DK, RF

XHUR\_Q05 **(In the past 12 months, have you seen, or talked to:)**

**... an asthma or respiratory educator about your ^DT\_CONDE?**

INTERVIEWER: Include both face-to-face and telephone contacts.

- 1 Yes
- 2 No
- DK, RF

XHUR\_Q06 **(In the past 12 months, have you seen, or talked to:)**

**... a pharmacist about your ^DT\_CONDE?**

INTERVIEWER: Include both face-to-face and telephone contacts.

- 1 Yes
- 2 No
- DK, RF



XHUR\_Q07

**(In the past 12 months, have you seen, or talked to:)**

**... a complementary or alternative health care practitioner such as a massage therapist, a naturopath or herbalist about your ^DT\_CONDE?**

INTERVIEWER: Include both face-to-face and telephone contacts.

- 1 Yes
- 2 No
- DK, RF

XHUR\_Q08

**In the past 12 months, how many times have you visited a general practitioner or specialist for your ^DT\_CONDE? Do not include doctors seen in an emergency room.**

INTERVIEWER: Enter the number of visits.

|||  
(MIN: 0) (MAX: 130)  
DK, RF

XHUR\_Q09

**How many times, in the past 12 months, have you visited a hospital emergency room because of your ^DT\_CONDE?**

INTERVIEWER: Enter the number of visits.

|||  
(MIN: 0) (MAX: 130)  
DK, RF

XHUR\_Q10

**In the past 12 months, how many nights have you spent in hospital because of your ^DT\_CONDE?**

INTERVIEWER: Enter the number of nights.

|||  
(MIN: 0) (MAX: 130)  
DK, RF

XHUR\_END

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## Medication use (XMER)

XMER\_BEG      Content block

External variables required:

FNAME: first name of respondent from sample file.  
LNAME: last name of respondent from sample file.  
DOXMER: do block flag, from the sample file.  
CON\_FLAG: respiratory condition of respondent, from sample file.  
CURRAGE: current age of respondent from SRC block.  
XDHR\_Q06: specific respiratory condition of the respondent.

Screen display:

Display on header bar FNAME and LNAME separated by a space

XMER\_C01      If DOXMER = 1, go to XMER\_D01.  
Otherwise, go to XMER\_END.

XMER\_D01      If CON\_FLAG = 1, ^DT\_CONDE = "asthma".  
If CON\_FLAG = 2 and XDHR\_Q06 = 3, ^DT\_CONDE = "COPD".  
If CON\_FLAG = 2 and XDHR\_Q06 = 2, ^DT\_CONDE = "emphysema".  
If CON\_FLAG = 2 and XDHR\_Q06 = 1, ^DT\_CONDE = "chronic bronchitis".  
Otherwise, if CON\_FLAG = 2, ^DT\_CONDE = "breathing problems".

XMER\_R01      **Now I'd like to ask a few questions about your use of medications for your ^DT\_CONDE. Be sure to include medicines that are used on a regular basis, as well as those used only for attacks.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XMER\_Q01      **Currently, are you taking any prescribed medication for your ^DT\_CONDE such as inhalers (puffers), nebulizers (pumps), pills, liquids, or needles?**

- |   |        |                  |
|---|--------|------------------|
| 1 | Yes    | (Go to XMER_R03) |
| 2 | No     | (Go to XMER_Q02) |
|   | DK, RF | (Go to XMER_END) |

XMER\_Q02

**What are the reasons that you are not currently taking any prescription medications for your ^DT\_CONDE?**

INTERVIEWER: Mark all that apply.

- 1 No medication prescribed from a doctor or health professional
- 2 Do not want to take medication at this time
- 3 Side-effects caused by medication
- 4 Medication not working/need more medication
- 5 Ran out of medication
- 6 Too costly / financial constraints
- 7 Breathing problems controlled without medication
- 8 Other  
DK, RF

Go to XMER\_C11

XMER\_R03

**Now I am going to ask about reliever and controller medications you might take to help control your ^DT\_CONDE.**

INTERVIEWER: Press <1> to continue.

(DK, RF are not allowed)

XMER\_Q03

**In the past month, did you take a reliever or rescue medication for your ^DT\_CONDE? This medication generally comes in a solid blue or grey puffer (inhaler).**

- 1 Yes
- 2 No (Go to XMER\_Q06)
- DK, RF (Go to XMER\_Q06)

XMER\_Q04

**When do you take your reliever or rescue medication? Is it:**

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

- 1 ... when having an attack or difficulty breathing?
- 2 ... before exercise or doing something which might cause an attack?
- 3 ... every day, on a regular basis to help control symptoms?
- 4 ... every day during certain times of the year?
- 5 Other  
DK, RF

XMER\_Q05

**In the past month, how many days per week on average did you use your reliever medication? Do not include when you took it for exercise.**

|\_ |  
(MIN: 0) (MAX: 7)  
DK, RF

XMER\_Q06

**In the past month did you take a controller medication for your ^DT\_CONDE?  
This medication generally comes in a red and white, orange, burgundy, purple  
or green and white inhaler (puffer).**

**INTERVIEWER:** Sometimes a pill is crushed inside the inhaler and then inhaled.

- 1 Yes (Go to XMER\_Q07)
- 2 No  
DK, RF

Go to XMER\_C10

XMER\_Q07

**When do you take your controller medication? Is it:**

**INTERVIEWER:** Read categories to respondent. Mark all that apply.

- 1 ... when having an attack or difficulty breathing?
- 2 ... before exercise or doing something which might cause an attack?
- 3 ... every day, on a regular basis to help control symptoms?
- 4 ... every day during certain times of the year?
- 5 Other  
DK, RF

XMER\_Q08

**Thinking about how often you take your controller medication, on average, would you say you:**

**INTERVIEWER:** Read categories to respondent.

- 1 ... take it as often as prescribed?
- 2 ... take it more often than prescribed?
- 3 ... take it less often than prescribed?
- 4 ... occasionally miss a dose?
- 5 ... do not take the controller medication at all.  
DK, RF

XMER\_C09

If XMER\_Q08 = 1, DK, RF, go to XMER\_C10.  
Otherwise, go to XMER\_Q09.

XMER\_Q09

**What are the reasons that you are not taking your controller medication for your ^DT\_CONDE exactly as prescribed?**

INTERVIEWER: Mark all that apply.

- 01 Forget to take medication
- 02 Side-effects caused by medication
- 03 Medication not working
- 04 Symptoms are not controlled with prescribed amount of medication
- 05 Ran out of medication
- 06 Too expensive
- 07 Breathing problems controlled without medication
- 08 Not confident in the prescribed treatment
- 09 Do not know how to take medication properly
- 10 Too embarrassed to use inhaler
- 11 Other  
DK, RF

XMER\_C10

If XMER\_Q03 = (No, DK, RF) and XMER\_Q06 = (No, DK, RF), go to XMER\_C11.  
Otherwise, go to XMER\_Q10.

XMER\_Q10

**Has a health professional ever watched you use your inhaler or puffer?**

- 1 Yes
- 2 No  
DK, RF

XMER\_C11

If age >= 15, go to XMER\_Q11.  
Otherwise, go to XMER\_Q17.

XMER\_Q11

**In the past 12 months, have you taken corticosteroid pills such as Prednisone to treat your ^DT\_CONDE?**

- 1 Yes (Go to XMER\_Q12)
- 2 No  
DK, RF

Go to XMER\_Q13

XMER\_Q12

**In the past 12 months, on how many occasions have you taken corticosteroid pills for your ^DT\_CONDE?**

[\_ \_]  
(MIN: 0) (MAX: 99)  
DK, RF

XMER\_Q13 **In the past 12 months, have you taken antibiotics to treat your ^DT\_CONDE?**

- 1 Yes (Go to XMER\_Q14)
- 2 No  
DK, RF

Go to XMER\_C15

XMER\_Q14 **In the past 12 months, on how many occasions have you taken antibiotics for your ^DT\_CONDE?**

- |\_|
- (MIN: 0) (MAX: 99)
- DK, RF

XMER\_C15 If CON\_FLAG = 2, go to XMER\_Q15.  
Otherwise, go to XMER\_Q17.

XMER\_Q15 **Do you currently use oxygen therapy to help manage your ^DT\_CONDE?**

- 1 Yes (Go to XMER\_Q16)
- 2 No  
DK, RF

Go to XMER\_Q17

XMER\_Q16 **On average, how many hours per day do you use oxygen therapy?**

- |\_|
- (MIN: 0) (MAX: 24)
- DK, RF

XMER\_Q17 **Have you ever been given a WRITTEN action plan? This is a plan that has been developed with the aid of a doctor or other health professional and tells you how to adjust the amount of medicine you take depending on the severity of symptoms and when to seek medical care.**

- 1 Yes
- 2 No  
DK, RF

XMER\_END

## Health conditions (XHCR)

XHCR\_BEG      Content block

External variables required:

FNAME: first name of respondent from household block.

LNAME: last name of respondent from the sample file.

CURRAGE: current age of respondent from SRC block.

CON\_FLAG: respiratory condition of respondent, from sample file.

DOXHCR: do block flag, from the sample file.

Screen display:

Display on header bar FNAME and LNAME separated by a space

XHCR\_C01      If DOXHCR = 1, go to XHCR\_R01.  
Otherwise, go to XHCR\_END.

XHCR\_R01      **Now I'd like to ask about other health conditions which you may have.**

INTERVIEWER : Press <1> to continue.

XHCR\_Q01      **Have you been told by a health professional that you have sleep apnea?**

- 1    Yes      (Go to XHCR\_Q02)
- 2    No  
      DK, RF

Go to XHCR\_C05

XHCR\_Q02      **Have you ever been referred to a sleep lab for overnight testing?**

- 1    Yes
- 2    No  
      DK, RF

XHCR\_Q03      **Have you ever been prescribed Continuous Positive Airway Pressure (CPAP) treatment for your sleep apnea?**

INTERVIEWER: In CPAP treatment, a special mask is worn which is attached to a CPAP machine (also called a flow generator). The CPAP machine blows a steady stream of air through the mask, into the nose and down the throat, creating pressure, which holds the tissue in the airway open. This stops the airways from collapsing.

- 1    Yes      (Go to XHCR\_Q04)
- 2    No  
      DK, RF

Go to XHCR\_C05

XHCR\_Q04 **Do you currently use Continuous Positive Airway Pressure (CPAP) treatment for your sleep apnea?**

- 1 Yes
- 2 No  
DK, RF

XHCR\_C05 If age  $\geq$  45, go to XHCR\_Q05.  
Otherwise, go to XHCR\_C06.

XHCR\_Q05 **Have you been told by a health professional that you have osteoporosis?**

- 1 Yes
- 2 No  
DK, RF

XHCR\_C06 If age  $\geq$  35 and CONFLAG = 2, go to XHCR\_Q06.  
Otherwise, go to XHCR\_D07.

XHCR\_Q06 **Have you been told by a health professional that you have heart failure?**

- 1 Yes
- 2 No  
DK, RF

XHCR\_D07 If age  $<$ 15, ^DT\_SYMPTOM = "heartburn or a burning feeling in your throat".  
Otherwise, ^DT\_SYMPTOM = "heartburn or gastric reflux".

XHCR\_Q07 **Do you ever experience ^DT\_SYMPTOM?**

- 1 Yes
- 2 No  
DK, RF

XHCR\_END



































































