

Dwelling Characteristics (DC)

18 - Development - Completed
Version - 1001

DC_BEG	Beginning of section Content block External variables required: HHLNUM: number of members in household, from Demographics block. DWELCODE: dwelling type, from Entry block.
DC_R01	The first set of questions is about the dwelling in which you currently reside. <u>INTERVIEWER</u> : Press <1> to continue.
Help text:	DC_R01 Dwelling DWELLING refers to a separate set of living quarters with a private entrance either from outside or from a common hall, lobby, vestibule or stairway inside the building. The entrance to the dwelling must be one that can be used without passing through the living quarters of someone else.
DC_Q01A	In what year was this dwelling originally built? <u>INTERVIEWER</u> : Provide best estimate. (MIN: 1800) (MAX: 2011) DK, RF (Go to DC_Q01B) Go to DC_D02

DC_Q01B

Was it built...?

INTERVIEWER: Read categories to respondent.

- 01 Before 1946
 - 02 Between 1946 and 1960
 - 03 Between 1961 and 1977
 - 04 Between 1978 and 1983
 - 05 Between 1984 and 1995
 - 06 Between 1996 and 2000
 - 07 Between 2001 and 2009
 - 08 In 2010 or later
- DK, RF

DC_D02

If HHLDNUM = 1, DT_DCFILL1_E = "Are you the owner of this dwelling".
Otherwise, DT_DCFILL1_E = "Is the dwelling owned by a member of this household".

DC_Q02

^DT_DCFILL1_E?

- 1 Yes
 - 2 No
 - 3 Maybe
- DK, RF

DC_C03

If DWELCODE = 3, 5, 6 (Townhouse, Low Rise, High Rise), go to DC_Q03.
Otherwise, go to DC_C04.

DC_Q03

Is the dwelling part of a condominium?

- 1 Yes
 - 2 No
- DK, RF

DC_C04

If DC_Q02 = 1 and DC_Q03 NE 1, go to DC_D05.
Otherwise, go to DC_D04.

DC_D04

If DC_Q02 = 1, DK, RF and DC_Q03 = 1, DT_DCFILL2_E = "the condominium corporation".
Otherwise, DT_DCFILL2_E = "the landlord or property manager".

DC_Q04	<p>Is ^DT_DCFILL2_E responsible for paying <u>any</u> of the energy bills for the dwelling?</p> <p>1 Yes 2 No DK, RF</p>
Help text:	<p>DC_Q04 Energy Bills</p> <p>The payment amount or statement of account for energy-related services used in a dwelling, including electricity, natural gas, heating oil and propane.</p>
DC_D05	<p>If HHLNUM = 1, DT_DCFILL3_E = "have you". Otherwise, DT_DCFILL3_E = "has your household".</p>
DC_Q05	<p>How long ^DT_DCFILL3_E lived in this dwelling?</p> <p><u>INTERVIEWER</u>: Provide best estimate in months or years. Probe for the length of time that at least one household member has lived in the current dwelling.</p> <p>(MIN: 1) (MAX: 95)</p> <p>DK, RF (Go to DC_END)</p>
DC_N05	<p><u>INTERVIEWER</u>: Ask if necessary: (Is this in months or years?)</p> <p>1 Months 2 Years (DK, RF not allowed)</p>
DC_E05	<p>An unusual value has been entered. Please confirm.</p>
Rule :	<p>Trigger soft edit if {(DC_Q01A ne DK,RF) and (DC_Q05 ne DK,RF) and (DC_N05=2) and (2012-DC_Q01a < DC_Q05)} or</p> <p>{(DC_Q01A ne DK,RF) and (DC_Q05 ne DK,RF) and (DC_N05=1) and (2012-DC_Q01a < (DC_Q05)/12)} or</p> <p>{(DC_Q01A = DK,RF) and (DC_Q05 ne DK,RF) and (DC_N05=2) and</p> <p>[(DC_Q01B=2 and DC_Q05>66) or (DC_Q01B=3 and DC_Q05>51) or (DC_Q01B=4 and DC_Q05>34) or</p> <p>(DC_Q01B=5 and DC_Q05>28) or (DC_Q01B=6 and DC_Q05>16) or (DC_Q01B=7 and DC_Q05>11) or</p> <p>(DC_Q01B=8 and DC_Q05>2)]} or</p> <p>{(DC_Q01A = DK,RF) and (DC_Q05 ne DK,RF) and (DC_N05=1 and [(DC_Q01B=2 and DC_Q05>66*12) or</p> <p>(DC_Q01B=3 and DC_Q05>51*12) or (DC_Q01B=4 and DC_Q05>34*12) or (DC_Q01B=5 and DC_Q05>28*12)</p> <p>or (DC_Q01B=6 and DC_Q05>16*12) or (DC_Q01B=7 and DC_Q05>11*12) or (DC_Q01B=8 and DC_Q05>2*12)]}</p>

DC_END

End of section

Energy Use and Home Heating (EH)

18 - Development - Completed
Version - 1001

EH_BEG

Beginning of section

Content block

External variables required:

HHLNUM: number of members in household, from Demographics block.
DWELCODE: dwelling type, from Entry block.

EH_R01

The next questions are about the use of energy in your dwelling.

INTERVIEWER: Press <1> to continue.

EH_Q01

What is your dwelling's main type of heating equipment? Is it...?

INTERVIEWER: Read categories to respondent.

- 1 **A forced air furnace (hot air vents)**
- 2 **Electric baseboards** (Go to EH_C03)
- 3 **A heating stove**
- 4 **A boiler with hot water or steam radiators**
- 5 **Electric radiant heating** (Go to EH_C03)
- 6 **A heat pump** (Go to EH_C03)
- 7 Other - Specify (Go to EH_S01)
- DK, RF (Go to EH_C03)

Go to EH_D02

Help text:

EH_Q01 Furnace Types

Forced Air Furnace is a heating system using a set of ducts and vents to circulate heated air.

Electric baseboards are a heating system attached to the wall near the floor where elements heat up through use of electrical current. A set of electric baseboards are usually controlled with independent thermostats - usually one per room.

Heating Stove, Wood stove or fireplace is where wood is burned for heating purposes. A chimney is used for the ventilation of smoke and excess heat.

A boiler / Hot water radiator is a metal structure or piece of equipment that heats a room through the circulation of hot water or steam.

Electric Radiant heating is heat produced through electrical current that is delivered through an appliance or other means excluding forced air or baseboards.

A heat pump is a device that acts as an air conditioner in the summer and as an electric furnace in the winter. Heat pumps look and function exactly like an air conditioner in the summer. In the winter, heat pumps heat the home by "reversing" themselves and "pumping" warm air into the home.

EH_S01

(What is your dwelling's main type of heating equipment? Is it...?)

INTERVIEWER: Specify.

(80 spaces)

(DK, RF not allowed)

EH_D02 If EH_Q01 = 1, DT_FURNACE = "forced air furnace".
If EH_Q01 = 3, DT_FURNACE = "heating stove".
If EH_Q01 = 4, DT_FURNACE = "boiler with hot water or steam radiators".
Otherwise, DT_FURNACE = "^EH_S01".

EH_Q02 **What source of energy does your ^DT_FURNACE use?**

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

- 1 **Electricity**
 - 2 **Natural gas**
 - 3 **Heating oil**
 - 4 **Wood or wood pellets**
 - 5 **Propane**
 - 6 Other - Specify (Go to EH_S02)
- DK, RF

Go to EH_C03

EH_S02 **(What source of energy does your ^DT_FURNACE use?)**

INTERVIEWER: Specify.

(80 spaces)

(DK, RF not allowed)

EH_C03 If DWELCODE = 5 (Low Rise Apt.) or 6 (High Rise Apt.), go to EH_Q05.
Otherwise, go to EH_D03.

EH_D03 If HHLNUM = 1, DT_EHFILL1_E = "Do you".
Otherwise, DT_EHFILL1_E = "Does your household".

EH_Q03 **^DT_EHFILL1_E use any alternative energy sources in your dwelling (besides electricity, natural gas, heating oil, propane, wood or wood pellets)?**

- 1 Yes
 - 2 No (Go to EH_Q05)
- DK, RF (Go to EH_Q05)

EH_Q04

Which one(s)?

INTERVIEWER: Mark all that apply.

- 1 Geothermal
 - 2 Solar panels used to heat water
 - 3 Solar panels used to generate electricity (photovoltaic)
 - 4 Wind power
 - 5 Biofuels (e.g., biodiesel)
 - 6 Other - Specify (Go to EH_S04)
- DK, RF

Go to EH_Q05

Help text:

EH_Q04 Alternative energy sources

Geothermal - obtaining heat from underground hot water or, more commonly, employing a heat pump to warm or cool air by using the constant temperature of the earth.

Solar panels (hot water) use sunlight to heat water passing through a network of tubes, often mounted in a panel on the roof.

Photovoltaic solar panels convert sunlight to electricity. The electricity generated can be used in the home, stored in batteries for use later or sold to the electricity utilities.

Wind power generators use the wind to generate electricity. Typically, these take the form of windmills, though there are also versions that use vertically oriented blades.

A biofuel is any fuel derived from a renewable organic resource, especially biomass. Examples include ethanol, biodiesel and methanol.

EH_S04

(Which one(s)?)

INTERVIEWER: Specify.

(80 spaces)

(DK, RF not allowed)

EH_Q05

Does your dwelling have an air conditioner?

- 1 Yes
- 2 No (Go to EH_Q07)
- DK, RF (Go to EH_Q07)

EH_Q06

Is it...?

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

- 1 **A central air system**
- 2 **A stand alone unit in a window or elsewhere**
- 3 Other - Specify (Go to EH_S06)
- DK, RF

Go to EH_Q07

Help text:

EH_Q06 Central Air versus Stand Alone

Central air conditioning system include split, mini-split, mini-duct and water cooled systems.

Stand alone air conditioning systems include window-mounted and free-standing portable units.

The majority of Central air conditioning systems are part of the home's central heating system and distributes cool air through the home's ductwork as opposed to standalone air conditioning units that are usually seen in windows and are used to cool a specific part of the home. Mini-split and duct systems are designed to give central air coverage to dwellings that lack primary ductwork due to the use of electric heating, which is very common in Quebec.

EH_S06

(Is it...?)

INTERVIEWER: Specify.

(80 spaces)

(DK, RF not allowed)

EH_Q07	<p>Do you have a thermostat?</p> <p><u>INTERVIEWER</u>: If necessary, ask: (Can you control or regulate the temperature in your dwelling?)</p> <p>1 Yes 2 No (Go to EH_C13) DK, RF (Go to EH_C13)</p>
EH_Q08	<p>Does your dwelling have more than one thermostat?</p> <p>1 Yes 2 No DK, RF (Go to EH_Q11)</p>
EH_D09	<p>If EH_Q08 = 2, DT_MAINTHERMO_E = "Is it". Otherwise, DT_MAINTHERMO_E = "Is your main thermostat".</p>
EH_Q09	<p>^DT_MAINTHERMO_E programmable? That is, it can be set to <u>automatically</u> change the temperature according to the time of day.</p> <p>1 Yes 2 No (Go to EH_Q11) DK, RF (Go to EH_Q11)</p>
EH_Q10	<p>Is it programmed?</p> <p>1 Yes 2 No DK, RF</p>
EH_Q11	<p>During the winter season, at what temperature is the dwelling usually kept:</p> <p>...when you are there and awake?</p> <p><u>INTERVIEWER</u>: Only enter the degree. If respondent has replied 'turn it off', please enter a value of zero. If respondent provides half degrees, please round up to the nearest degree.</p> <p>(MIN: 0) (MAX: 94)</p> <p>DK, RF</p>
EH_E11	<p>An unusual value has been entered. Please confirm.</p>
Rule :	<p>Trigger soft edit if $1 \leq EH_Q11 < 10$ or $30 < EH_Q11 < 60$ or $EH_Q11 > 90$</p>

EH_Q12	<p>(During the winter season, at what temperature is the dwelling usually kept:)</p> <p>... when you are asleep?</p> <p><u>INTERVIEWER:</u> Only enter the degree. If respondent has replied 'turn it off', please enter a value of zero. If respondent provides half degrees, please round up to the nearest degree.</p> <p>(MIN: 0) (MAX: 94)</p> <p>DK (Go to EH_Q12A) RF</p> <p>Go to EH_C13</p>
EH_E12	<p>An unusual value has been entered. Please confirm.</p>
Rule :	<p>Trigger soft edit if $1 \leq EH_Q12 < 10$ or $30 < EH_Q12 < 60$ or $EH_Q12 > 90$</p>
EH_Q12A	<p>Is it...?</p> <p><u>INTERVIEWER:</u> Read categories to respondent. Determine if the night time temperature was higher, lower or the same as when they are there and awake.</p> <p>1 Higher 2 Lower 3 Same DK, RF</p>
EH_C13	<p>If EH_Q05 = 1 (air conditioner), go to EH_Q13. Otherwise, go to EH_Q16.</p>
EH_Q13	<p>When using your air conditioner during the summer season, at what temperature is the dwelling usually kept:</p> <p>... when you are there and awake?</p> <p><u>INTERVIEWER:</u> Only enter the degree. If respondent has replied 'turn it off', please enter a value of zero. If respondent provides half degrees, please round up to the nearest degree.</p> <p>(MIN: 0) (MAX: 94)</p> <p>DK, RF</p>

EH_E13	An unusual value has been entered. Please confirm.
Rule :	Trigger soft edit if 1 =< EH_Q13 < 10 or 30 < EH_Q13 < 60 or EH_Q13 > 90
EH_Q14	<p>(When using your air conditioner during the summer season, at what temperature is the dwelling usually kept:)</p> <p>... when you are asleep?</p> <p><u>INTERVIEWER:</u> Only enter the degree. If respondent has replied 'turn it off', please enter a value of zero. If respondent provides half degrees, please round up to the nearest degree.</p> <p>(MIN: 0) (MAX: 94)</p> <p>DK (Go to EH_Q14A) RF</p> <p>Go to EH_Q15</p>
EH_E14	An unusual value has been entered. Please confirm.
Rule :	Trigger soft edit if 1 =< EH_Q14 < 10 or 30 < EH_Q14 < 60 or EH_Q14 > 90
EH_Q14A	<p>Is it...?</p> <p><u>INTERVIEWER:</u> Read categories to respondent. Determine if the night time temperature was higher, lower or the same as when they are there and awake.</p> <p>1 Higher 2 Lower 3 Same DK, RF</p>
EH_Q15	<p>(When using your air conditioner during the summer season, at what temperature is the dwelling usually kept:)</p> <p>... when you are not at home?</p> <p><u>INTERVIEWER:</u> Only enter the degree. If respondent has replied 'turn it off', please enter a value of zero. If respondent provides half degrees, please round up to the nearest degree.</p> <p>(MIN: 0) (MAX: 94)</p> <p>DK, RF</p>

EH_E15

An unusual value has been entered. Please confirm.

Rule :

Trigger soft edit if $1 \leq EH_Q15 < 10$ or $30 < EH_Q15 < 60$ or $EH_Q15 > 90$

EH_Q16

Do you have any of the following types of energy saving lights?

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

- 1 **Compact fluorescent lights (for example corkscrew or spiral)**
- 2 **Fluorescent tubes**
- 3 **Halogen lights**
- 4 **LED holiday lights**
- 5 **Other types of LED lights**
- 6 None of the above - Household does not have any energy saving lights

DK, RF

Help text:

EH_Q16 Types of Lights

Compact fluorescent lights- Also known as corkscrew or spiral light bulbs. A light that is similar to and can replace most incandescent lights, but uses 75% less energy and can last up to ten times as long as a conventional incandescent light bulb.

Fluorescent tubes- Glass tubes of various lengths whose inner walls are coated with a material that fluoresces when an electrical current causes a vapour within the tube to discharge electrons.

Halogen lights- A type of incandescent light bulb that contain a halogen gas, which minimizes filament wear and results in a longer lifespan than that of a traditional incandescent light bulb.

LED holiday lights- Strings of decorative holiday lights that use Light Emitting Diodes (LEDs) rather than incandescent light bulbs. They are usually more energy-efficient than strings of light bulbs and are available in both indoor and outdoor versions.

Other types of LED lights- An energy-efficient type of light that uses Light Emitting Diodes (LEDs) to produce the light. Available as both stand-alone lights, such as night lights and garden lights, and replacements for screw-in light bulbs, these lights typically consume much less energy than conventional incandescent lights and have a much longer lifespan.

EH_E16

You cannot select "None of the above - Household does not have any energy saving lights" and another category. Please return and correct.

Rule :

Trigger hard edit if $EH_Q16 = 6$ and any other category.

EH_Q18	<p>Has an energy audit ever been conducted for your dwelling?</p> <p>1 Yes 2 No (Go to EH_END) DK, RF (Go to EH_END)</p>
Help text:	<p>EH_Q18 Energy audits</p> <p>A home energy audit assesses how energy-efficient a home is and usually provides recommendations on how to improve efficiency. It considers insulation, heating and cooling systems and other energy use. (Note: This is not the same as a home inspection that may be done prior to the sale of a home).</p>
EH_Q19	<p>Was it conducted in the last 10 years?</p> <p>1 Yes 2 No DK, RF</p>
EH_Q20	<p>Were any changes made to the dwelling as a result of the audit?</p> <p><u>INTERVIEWER:</u> For example, replacing windows, upgrading insulation, replacing/upgrading furnace, installing programmable thermostats.</p> <p>1 Yes 2 No DK, RF</p>
EH_Q21	<p>Was a government grant received as part of a home energy retrofit program?</p> <p>1 Yes 2 No DK, RF</p>
Help text:	<p>WA_Q21 Home energy retrofit program</p> <p>Home energy retrofit programs provide financial assistance to encourage owners of existing low-rise properties make smart energy retrofit decisions that will result in significant energy savings, more comfortable living spaces and a cleaner environment. Natural Resources Canada's (NRCan's) Office of Energy Efficiency (OEE) administers the program and provides the grants, but local service organizations across the country deliver the program to homeowners.</p>
EH_END	<p>End of section</p>

Water (WA)

12 - Development - SM version
Version - 1001

WA_BEG	Beginning of section Content block External variables required: HHLDNUM: number of members in household, from Demographics block. DWELCODE: dwelling type, from Entry block.
WA_R01	The next set of questions is about the use of water in your dwelling. <u>INTERVIEWER</u> : Press <1> to continue.
WA_Q01	What is your dwelling's main source of water? Is it...? <u>INTERVIEWER</u> : Read categories to respondent. 1 Water supplied by your city, town or municipality 2 Water from a private well 3 Water from a surface source such as a spring, lake, river, or dugout 4 Other - Specify (Go to WA_S01) DK, RF
WA_S01	Go to WA_D02 (What is your dwelling's main source of water? Is it...?) <u>INTERVIEWER</u> : Specify. <hr/> (80 spaces) (DK, RF not allowed)
WA_D02	If HHDLNUM = 1, DT_WAFILL1_E = "you". Otherwise, DT_WAFILL1_E = "your household".

WA_Q02 **During the past 12 months, what type of water did ^DT_WAFILL1_E primarily use for drinking at home? Was it...?**

INTERVIEWER: Read categories to respondent.

- 1 **Tap water**
 - 2 **Bottled water including purchased water in a water cooler, tank or other dispenser**
 - 3 Both (Go to WA_Q04)
 - 4 Other - Specify (Go to WA_S02)
- DK, RF (Go to WA_Q04)

Go to WA_D03

WA_S02 **(During the past 12 months, what type of water did ^DT_WAFILL1_E primarily use for drinking at home? Was it...?)**

INTERVIEWER: Specify.

(80 spaces)

(DK, RF not allowed)

WA_D03
If WA_Q02 = 1, DT_TYPWATER_E = "bottled water".
If WA_Q02 = 2, DT_TYPWATER_E = "tap water".
Otherwise, DT_TYPWATER_E = "tap or bottled water".

WA_Q03 **(During the past 12 months,) did ^DT_WAFILL1_E occasionally use ^DT_TYPWATER_E for drinking at home?**

- 1 Yes
 - 2 No
- DK, RF

WA_Q04

During the past 12 months, did you do any of the following to the main water source? Did you...?

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

- 1 Use a filter or purifier on the main water supply pipe
- 2 Use a filter or purifier on the taps, including built-in water dispensers in your refrigerator
- 3 Use a jug filter (for example a Brita system)
- 4 Boil water (in order to make it safe for drinking)
- 5 Do nothing

DK, RF

WA_E04

You cannot select "do nothing" and another category. Please return and correct.

Rule :

Trigger hard edit if WA_Q04 = 5 and any other category.

WA_Q04A

In the past 12 months, were you informed of a boil water advisory?

INTERVIEWER: Include only water boil advisories at the primary residence.

- 1 Yes
 - 2 No (Go to WA_C05)
- DK, RF (Go to WA_C05)

Help text:

WA_Q04A Boil water advisories

Boil water advisories and boil water orders are public announcements advising the public that they should boil their tap water for drinking and for other uses. They are preventative measures issued to protect public health from waterborne infectious agents that could be or are known to be present in drinking water. Boil water advisories are issued by either the local public health unit or other responsible authority, or by the water utility. Boil water orders are usually issued by the public health unit or other responsible authority.

WA_Q04B

What did you do? Did you...?

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

- 1 **Boil your water**
 - 2 **Use bottled water instead of tap water**
 - 3 **Filter your water before drinking it**
 - 4 **Treat your water with chlorine or water purification tablets**
 - 5 Other - Specify (Go to WA_S04B)
- DK, RF

Go to WA_C05

WA_S04B

(What did you do? Did you...?)

INTERVIEWER: Specify.

(80 spaces)

(DK, RF not allowed)

Programmer:

Any lower case text typed into the field should be converted to upper case text after <Enter> is pressed.

WA_C05

If WA_Q04 = 1 (filter on main supply pipe), go to WA_Q05.
Otherwise, go to WA_C07.

WA_Q05

What type of filter or purifier was used on the main water supply pipe? Was it...?

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

- 1 **An activated charcoal or carbon filter**
 - 2 **A ceramic filter**
 - 3 **A reverse osmosis system**
 - 4 **An ultraviolet light system**
 - 5 **A distilled water system**
 - 6 Other - Specify (Go to WA_S05)
- DK, RF

Go to WA_C07

Help text:

WA_Q05 Water Filters

An Activated charcoal or carbon filter is a type of water filter that absorbs impurities and organic contaminants as the water passes through the filter. The filter itself is composed of a carbon or charcoal material that 'catches' these impurities. This is the most common type of water filter available on the market.

A Ceramic filter is similar to a charcoal or carbon filter. It works by filtering the water through a fossil substance that absorbs impurities and organic contaminants as the water passes through.

A Reverse osmosis system - water is forced through a semi-permeable membrane with small holes. Impurities are left on one side of the membrane and flushed away, while the clean water passes through.

An Ultraviolet light system - is a disinfection process which works by allowing the water to pass by a UV light that can inactivate harmful micro organisms, and does not necessarily require any additional chemicals.

A Distilled water system works by heating water to boiling, then cooling and condensing it back to liquid form, leaving behind all the minerals and bacteria.

WA_S05

(What type of filter or purifier was used on the main water supply pipe? Was it...?)

INTERVIEWER: Specify.

(80 spaces)

(DK, RF not allowed)

WA_C07

If WA_Q04 = 1,2,3,4 (Use some type of filter or boil water), go to WA_D07.
Otherwise, go to WA_Q08.

WA_D07	If WA_Q04A=1, DT_WAWHY_E = "Other than due to a boil water advisory, why". otherwise, DT_WAWHY_E = "Why".
WA_Q07	^DT_WAWHY_E did you treat the main water source? Was it...? <u>INTERVIEWER:</u> Read categories to respondent. Mark all that apply. 01 To improve the appearance, taste or odour 02 To remove water treatment chemicals such as chlorine 03 To soften the water 04 To remove metals or minerals other than for hard water problems 05 To remove possible bacterial contamination 06 Only treated because of the boil water advisory 07 The treatment device was already installed/pre-existing 08 Other - Specify (Go to WA_S07) DK, RF Go to WA_Q08
Programmer:	Display category 6 if WA_Q04A = 1
Help text:	WA_Q07 Water Bacteria Metals and minerals can be any of the following: iron, sulphur, cadmium, zinc, manganese, lead, mercury, arsenic. Bacteria can be any of the following: E. coli, coliforms, fecal matter, giardia, cryptosporidium (also called crypto), parasites and shigellosis. Micro-organisms like protozoa should also be reported.
WA_E07	You cannot enter a response that is not included in the displayed categories. Please return and correct.
Rule :	Trigger hard edit if (WA_Q07 = 6 and WA_Q04A NE 1)

WA_S07	<p>(^DT_WAWHY_E did you treat the main water source? Was it...?)</p> <p><u>INTERVIEWER</u>: Specify.</p> <hr/> <p>(80 spaces)</p> <p>(DK, RF not allowed)</p>
Programmer:	<p>Any lower case text typed into the field should be converted to upper case text after <Enter> is pressed.</p>
WA_Q08	<p>In the past 12 months, did you have your water tested by a laboratory?</p> <p>1 Yes 2 No (Go to WA_Q10) DK, RF (Go to WA_Q10)</p>
Help text:	<p>WA_Q08 Laboratory Water Testing</p> <p>Laboratory: a public or private establishment where the chemical and physical properties of water and other substances are tested and analysed. (Note: Home testing kits are NOT included).</p>
WA_Q09	<p>Were any problems found?</p> <p>1 Yes 2 No DK, RF</p>

WA_Q10	<p>Is your dwelling connected to...?</p> <p><u>INTERVIEWER:</u> Read categories to respondent.</p> <p>1 The sewer system of your city, town or municipality 2 A private septic system, including holding tanks 3 A communal septic system 4 Other DK, RF</p>
Help text:	<p>WA_Q10 Septic Systems</p> <p>Holding tanks are septic tanks that do not have a weeping tile system and which must be pumped out on a regular basis.</p> <p>A communal septic system is a private or public septic system that serves more than one household but is not a part of a municipal sewer system. These are common in places like trailer parks or neighbourhoods where there is not a high enough housing density to warrant full sewerage services.</p>
WA_C11	<p>If WA_Q01 = 1 (Water from city, town or municipality), go to WA_Q11. Otherwise, go to WA_Q12.</p>
WA_Q11	<p>Do you have:</p> <p>... a meter to measure your water use?</p> <p>1 Yes 2 No DK, RF</p>
WA_Q12	<p>(Do you have:)</p> <p>... a water saving, low flow showerhead?</p> <p>1 Yes 2 No DK, RF</p>
Help text:	<p>WA_Q12 Low Flow Showerheads</p> <p>Low flow showerheads are able to regulate the flow of water. Traditionally they run at a higher pressure than regular flow showerheads.</p>

WA_Q13	<p>(Do you have:)</p> <p>... a low volume toilet or a toilet tank with the water volume modified for example with a bottle or a brick?</p> <p>1 Yes 2 No DK, RF</p>
Help text:	<p>WA_Q13 Low volume toilet or a toilet tank with the water volume modified for less water usage</p> <p>Low flow toilets use a lower volume of water than regular toilets. Usually these toilets use 6 litres as opposed to 12 litres of water per flush. This definition can also include a variety of new technologies such as dual-flush systems that reduce water use.</p>
WA_C14	<p>If DWELCODE= 5 or 6 (Low Rise or High Rise Apt.), go to WA_END. Otherwise, go to WA_Q14.</p>
WA_Q14	<p>Do you have a lawn or an area with grass?</p> <p>1 Yes 2 No (Go to WA_Q21) DK, RF (Go to WA_Q21)</p>
WA_D15	<p>If HHLNUM = 1, DT_WAFILL2_E = "you". Otherwise, DT_WAFILL2_E = "anyone in your household".</p>
WA_Q15	<p>Last summer, did ^DT_WAFILL2_E water your lawn? Please include automatic sprinkler and irrigation systems.</p> <p>1 Yes 2 No (Go to WA_Q21) 3 Not applicable (no lawn last summer) (Go to WA_Q21) DK, RF (Go to WA_Q21)</p>
Help text:	<p>WA_Q15 Irrigation System</p> <p>An irrigation system is a set of underground pipes, sprinkler heads and sometimes a timer to control lawn watering and to conserve and more precisely target water distribution.</p>

WA_Q19

How was your lawn usually watered? Was it...?

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

- 1 **By hand using a watering can or a hose
(include soaker hoses)**
 - 2 **With a sprinkler or sprinkler system**
 - 3 Other
- DK, RF

WA_C20

If WA_Q19 = 2 (use of sprinkler system), go to WA_Q20.
Otherwise, go to WA_Q21.

WA_Q20

Was the sprinkler or sprinkler system connected to a timer?

- 1 Yes
 - 2 No
- DK, RF

WA_Q21

Do you have a garden or areas with trees, shrubs, flowers or vegetables outside?

- 1 Yes
 - 2 No (Go to WA_Q26)
- DK, RF (Go to WA_Q26)

WA_Q22

Last summer, did ^DT_WAFILL2_E water these areas?

- 1 Yes
 - 2 No (Go to WA_Q26)
 - 3 Not applicable (no garden last summer) (Go to WA_Q26)
- DK, RF (Go to WA_Q26)

WA_Q24

How were these areas usually watered? Was it...?

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

- 1 **By hand using a watering can or a hose
(include soaker hoses)**
 - 2 **With a sprinkler or sprinkler system**
 - 3 Other
- DK, RF

WA_C25	If WA_Q24 = 2 (use of sprinkler system), go to WA_Q25. Otherwise, go to WA_Q26.
WA_Q25	Was the sprinkler or sprinkler system connected to a timer? 1 Yes 2 No DK, RF
WA_Q26	Do you have a barrel or cistern to collect rain water? 1 Yes 2 No DK, RF
Help text:	WA_Q26 Cistern or Rain Barrel A rain barrel is a container used to collect and store rainwater. It is usually placed below the downspout of a roof gutter. The collected water is usually used to water the lawn or garden. A cistern is an artificial reservoir for storing liquids; especially an underground tank for storing rainwater.
WA_END	End of section

Fertilizer and Pesticide Use (FP)

18 - Development - Completed
Version - 1001

FP_BEG	Beginning of section Content block External variables required: DWELCODE: dwelling type, from Entry block. WA_Q14: presence of lawn or area with grass, from Water block. WA_Q21: presence of garden or area with trees, from Water block.
FP_C01	If WA_Q14 = 1 or WA_Q21 = 1 (lawn or garden), go to FP_D01. Otherwise, go to FP_END.
FP_D01	If WA_Q14 = 1 and WA_Q21 NE 1, DT_LAWNGARD_E = "lawn". If WA_Q14 NE 1 and WA_Q21 = 1, DT_LAWNGARD_E = "garden". Otherwise, DT_LAWNGARD_E = "lawn or garden".
FP_R01	The following questions are about fertilizer and pesticide use. <u>INTERVIEWER</u> : Press <1> to continue.
FP_Q01	In the past 12 months, were any <u>chemical fertilizers</u> applied to your ^DT_LAWNGARD_E? 1 Yes 2 No DK, RF
Help text:	FP_Q01 Chemical fertilizers Chemical fertilizers are chemicals given to plants with the intention of promoting growth. They are usually applied either via the soil or by spraying.

FP_Q02 **(In the past 12 months,) were any organic or natural fertilizers applied to your ^DT_LAWNGARD_E?**

- 1 Yes
 - 2 No
- DK, RF

Help text: FP_Q02 Organic or natural fertilizers

Natural or organic fertilizers can include such items as compost, manure and mulch or products sold at retail establishments labelled as 'natural or organic'. Also include natural or organic fertilizers applied by commercial operators.

FP_C03 If FP_Q01 = 1 or FP_Q02 = 1, go to FP_Q03.
Otherwise, go to FP_Q04.

FP_Q03 **Who applied the fertilizers (to your ^DT_LAWNGARD_E in the past 12 months)? Was it...?**

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

- 1 **Someone in your household**
- 2 **A lawn care or maintenance company**
- 3 **Someone else (for example neighbour, family, friend)**

DK, RF

FP_Q04 **In the past 12 months, were any chemical pesticides such as weed killers (herbicides), bug killers (insecticides), or fungicides applied to your ^DT_LAWNGARD_E?**

INTERVIEWER: Include fertilizer and herbicide mixes such as 'Weed and Feed'.

- 1 Yes
 - 2 No (Go to FP_Q06)
- DK, RF (Go to FP_Q06)

Help text: FP_Q04 Weed killers (herbicides), Bug killers (insecticides), or Fungicides

Weed killers, pesticides, fungicides are a substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. It is also any substance or mixture of substances intended to regulate plant or leaf growth. A pest can be an insect (insecticide), an unwanted plant such as a weed (herbicide) or a fungal growth on a plant or tree (fungicide).
Also include pesticides applied by commercial operators.

FP_Q05 **What types of chemical pesticides were applied (to your ^DT_LAWNGARD_E)? Was it...?**

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

- 1 **Weed killer (Herbicide)**
 - 2 **Bug killer (Insecticide)**
 - 3 **Fungicide**
- DK, RF

FP_Q06 **(In the past 12 months,) were any organic or natural pesticides applied (to your ^DT_LAWNGARD_E)?**

- 1 Yes
 - 2 No
- DK, RF

Help text: FP_Q06 Organic or natural pesticides

Organic pesticides include any product that is solely derived from organic matter. Natural pesticides include any product that is solely derived from mineral precursors and subject to only physical process. Natural pesticides are often labelled as 'natural or organic'.

For this definition, include all natural, organic and barrier methods such as natural sprays, beer traps, beneficial nemotodes. Also include natural or organic pesticides applied by commercial operators .

FP_END End of section

Recreational vehicles/Outdoor equipment (GP)

18 - Development - Completed
Version - 1001

GP_BEG	Beginning of section Content block External variables required: HHLNUM: number of members in household, from Demographics block. DWELCODE: dwelling type, from Entry block. WA_Q14: presence of lawn or area with grass, from Water block.
GP_R01	The next question is about recreational vehicles. <u>INTERVIEWER</u> : Press <1> to continue.
GP_D01	If HHLNUM = 1, DT_GPFILL1_E = "Have you". Otherwise, DT_GPFILL1_E = "Has anyone in your household".
GP_Q01	^DT_GPFILL1_E owned any of the following recreational vehicles in the last 12 months? <u>INTERVIEWER</u> : Read categories to respondent. Mark all that apply. <ol style="list-style-type: none">1 All-terrain vehicle (ATV)2 Snowmobile3 Dirt bike or motocross motorcycle4 Personal watercraft (for example a Sea-Doo or Jet Ski)5 Motorboat (with an inboard or outboard motor)6 Household does not own any recreational vehicles (Go to GP_C02A) DK, RF (Go to GP_C02A)
GP_E01	You cannot select "Household does not own any recreational vehicles" and another category. Please return and correct.
Rule :	Trigger hard edit if GP_Q01 = 6 and any other category.
GP_C02A	If DWELCODE = 5 or 6 (Low rise or high rise apt.), go to GP_END. Otherwise, go to GP_C02B.

- GP_C02B If WA_Q14 = 2 (No lawn), DK, RF, go to GP_Q08.
Otherwise, go to GP_D02.
- GP_D02 If HHLDDNUM = 1, DT_GPFILL2_E = "you".
Otherwise, DT_GPFILL2_E = "anyone in your household".
- GP_Q02 **In the past 12 months, did ^DT_GPFILL2_E:**

... use a lawnmower?

1 Yes
2 No (Go to GP_Q04)
DK, RF (Go to GP_Q04)
- GP_Q03 **What type of engine did it have?**

INTERVIEWER: Read categories to respondent. Mark all that apply.
Please enter battery powered lawn mowers in the "Electric" category.

1 **Gas**
2 **Electric**
3 **Manual (push reel)**
DK, RF
- GP_Q04 **(In the past 12 months,) did ^DT_GPFILL2_E use:**

... a grass trimmer?

1 Yes
2 No (Go to GP_Q06)
DK, RF (Go to GP_Q06)
- GP_Q05 **What type of engine did it have?**

INTERVIEWER: Read categories to respondent. Mark all that apply.
Please enter battery powered trimmers in the "Electric" category.

1 **Gas**
2 **Electric**
DK, RF

GP_Q06

(In the past 12 months, did ^DT_GPFILL2_E use:)

... a leaf blower?

- 1 Yes
- 2 No (Go to GP_Q08)
- DK, RF (Go to GP_Q08)

GP_Q07

What type of engine did it have?

INTERVIEWER: Read categories to respondent. Mark all that apply.
Please enter battery powered leaf blowers in the "Electric" category.

- 1 **Gas**
- 2 **Electric**
- DK, RF

GP_Q08

In the past 12 months, did ^DT_GPFILL2_E use:

... a chain saw (at home)?

- 1 Yes
- 2 No (Go to GP_Q10)
- DK, RF (Go to GP_Q10)

GP_Q09

What type of engine did it have?

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

- 1 **Gas**
- 2 **Electric**
- DK, RF

GP_Q10

(In the past 12 months, did ^DT_GPFILL2_E use:)

... a snow blower?

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

GP_Q11

What type of engine did it have?

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

- 1 **Gas**
- 2 **Electric**
- DK, RF

GP_END

End of section

Indoor environment (IE)

18 - Development - Completed
Version - 1001

IE_BEG	Beginning of section Content block External variables required: HHLNUM: number of members in household, from Demographics block. DWELCODE: dwelling type, from Entry block. EH_Q01: dwelling main heating system, from Energy Use block. EH_Q05: presence of air conditioner in dwelling, from Energy block.
IE_R01	The following questions are about indoor air quality. <u>INTERVIEWER</u> : Press <1> to continue.
IE_Q01	During the past 12 months, which of the following products were used to clean your windows? <u>INTERVIEWER</u> : Read categories to respondent. Mark all that apply. <ol style="list-style-type: none">1 Commercial chemical cleaner (for example Windex, Mr. Clean, Bon Ami)2 Other cleaners (for example vinegar, water, "green" or biodegradable cleaners)3 Did not use cleaners, did not clean or did not have windows during past 12 months DK, RF
Help text:	IE_Q01 Environmentally-friendly and biodegradable Green or "environmentally-friendly" products may have a low impact on the environment when they're used or disposed of. Biodegradable refers to the ability of a product to break down in the environment into harmless compounds. Such products are usually prominently labelled as being green, environmentally-friendly or biodegradable.
IE_E01	You cannot select "Did not use cleaners, did not clean or did not have windows during the past 12 months" and another category. Please return and correct.
Rule :	Trigger hard edit if IE_Q01 = 3 and any other category.

IE_Q02 **(In the past 12 months,) were any of the following chemical products used within your dwelling?**

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

- 1 **Oven cleaners and degreasers**
- 2 **Solvents (for example paint thinner)**
- 3 **Nail polish remover or makeup remover**
- 4 **Indoor pesticides or insecticides (for example Raid, Ant-B-Gone)**
- 5 **Air fresheners (for example potpourri, solid or spray air fresheners, essential oil dispensers or incense)**
- 6 **Perfumes or aftershaves**
- 7 **None of the above**

DK, RF

Help text: IE_Q02 Household chemical products (solvents)

Solvents are chemicals that can dissolve other chemicals. Common solvents include turpentine, acetone, and various paint removers.

IE_E02 **You cannot select "None of the above" and another category. Please return and correct.**

Rule : Trigger hard edit if IE_Q02 = 7 and any other category.

IE_Q03 **(In the past 12 months,) have you noticed any condensation on the inside surfaces of your windows other than moisture from showers or cooking?**

- 1 Yes
- 2 No
- 3 Dwelling does not have windows

DK, RF

Help text: IE_Q03 Condensation

Condensation is moisture that accumulates on cooler surfaces such as windows, mirrors and exterior walls.

IE_Q04 **(In the past 12 months,) have you noticed any mould or mildew in your dwelling?**

- 1 Yes
- 2 No

DK, RF

IE_C05	If EH_Q01 = 1 (forced air furnace), go to IE_Q05. Otherwise, go to IE_Q06.
IE_Q05	During the past 12 months, how often has the filter in your furnace been changed or cleaned? <u>INTERVIEWER:</u> Read categories to respondent. 1 Every three months or more frequently 2 Every six months 3 Once in the past year 4 Did not change or clean filter in the past year DK, RF
IE_Q06	(During the past 12 months,) how would you rate the quality of the air inside your dwelling? Is it...? <u>INTERVIEWER:</u> Read categories to respondent. 1 Excellent 2 Very good 3 Good 4 Fair 5 Poor DK, RF
IE_D07	If HHLDDNUM = 1, DT_IEFILL1_E = "did you". Otherwise, DT_IEFILL1_E = "did anyone in your household".
IE_Q07	(In the past 12 months,) ^DT_IEFILL1_E have health problems that may have been caused by the quality of the air in your dwelling? 1 Yes 2 No DK, RF
IE_D08	If HHLDDNUM = 1, DT_IEFILL2_E = "do you". Otherwise, DT_IEFILL2_E = "does your household".

IE_Q08

What measures ^DT_IFILL2_E take to improve the quality of the air in your dwelling? Do you...?

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

- 01 **Open windows more often to increase air circulation**
 - 02 **Turn on a floor or ceiling fan to increase air circulation**
 - 03 **Use an air conditioner more frequently**
 - 04 **Use a dehumidifier**
 - 05 **Use a humidifier**
 - 06 **Use an air cleaning system (excluding ionizing systems)**
 - 07 **Use higher quality filters in the furnace**
 - 08 **Use the furnace fan or a heat recovery ventilation (HRV) system to increase air circulation**
 - 09 **Use air fresheners (for example potpourri, solid or spray air fresheners, essential oil dispensers or incense) to improve air quality**
 - 10 Other - Specify (Go to IE_S08)
 - 11 None of the above
- DK, RF

Go to IE_C09

Programmer:

Note: Display category 3 if EH_Q05 = 1. Display category 7 if EH_Q01 = 1.

Help text:

IE_Q08 Improvement of indoor air quality

Quality of the air refers to things like the "freshness", temperature, humidity, odours, dust and other particles such as smoke, and other factors that can impact one's comfort and health.

Air cleaning systems can be either integrated with the heating system or stand-alone units. They typically have filters to remove dust from the air passing through them.

Ionizing air cleaners use electrostatic charges on metal plates to attract air-borne particles that pass by them. (Note: Such systems are to be excluded from air cleaning systems in answer category #6).

A heat recovery ventilation (HRV) system draws fresh air from the outside and warms it in a heat exchanger using the heat from the exhaust air.

IE_E08A **You cannot enter a response that is not included in the displayed categories. Please return and correct.**

Rule : Trigger hard edit if (IE_Q08 = 3 and EH_Q05 NE 1) or if (IE_Q08 = 7 and EH_Q01 NE 1)

IE_E08B **You cannot select "None of the above" and another category. Please return and correct.**

Rule : Trigger hard edit if IE_Q08 = 11 and any other category.

IE_S08 **(What measures ^DT_IFFILL2_E take to improve the quality of the air in your dwelling? Do you...?)**

INTERVIEWER: Specify.

(80 spaces)

(DK, RF not allowed)

IE_C09 If IE_Q08 = 1, go to IE_Q09.
Otherwise, go to IE_Q11.

IE_Q09 **During the winter season, how often do you open a window to allow fresh air into your dwelling?**

INTERVIEWER: Read categories to respondent.

- 1 **Every day**
- 2 **At least once a week**
- 3 **A few times during the season**
- 4 **Never**

DK, RF

IE_Q10 **During the summer season, (how often do you open a window to allow fresh air into your dwelling?)**

INTERVIEWER: Read categories to respondent.

- 1 **Every day**
- 2 **At least once a week**
- 3 **A few times during the season**
- 4 **Never**

DK, RF

IE_Q11

Have you ever heard of radon?

- 1 Yes
 - 2 No
- DK, RF

(Go to IE_Q12)

IE_R11

INTERVIEWER: If necessary, read: **(Radon is a naturally occurring radioactive gas that is colourless, odourless and tasteless and is found in soil. When radon enters an enclosed space, such as a basement, it can accumulate to unsafe levels and may increase the chances of someone developing lung cancer.)**

Press <1> to continue.

Go to IE_END

IE_Q12

How would you describe radon if you were asked to explain what it is?

INTERVIEWER: Please type in respondent answer in the space provided below.

(250 spaces)

DK, RF

IE_Q13

Do you consider radon to be a health hazard?

- 1 Yes
 - 2 No
- DK, RF

IE_C14

If DWELCODE = 5 (Low rise apt.) or 6 (High rise apt.), go to IE_END.
Otherwise, go to IE_Q14.

IE_Q14

Has your dwelling ever been tested for radon?

- 1 Yes
 - 2 No
- DK, RF

(Go to IE_END)

(Go to IE_END)

IE_Q15

Was it tested in the last 10 years?

- 1 Yes
- 2 No
- DK, RF

IE_END

End of section

Composting (CP)

18 - Development - Completed
Version - 1001

CP_BEG	Beginning of section Content block External variables required: DWELCODE: dwelling type, from Entry block. WA_Q14: presence of lawn or area with grass, from Water block. WA_Q21: presence of garden or area with trees, from Water block. HHLDNUM: number of members in household, from Demographics block.
CP_R01	The next questions are about composting. <u>INTERVIEWER</u> : Press <1> to continue.
CP_D01	If HHLDNUM = 1, DT_CPFILL1_E = "you". Otherwise, DT_CPFILL1_E = "your household".
CP_Q01	During the past 12 months, did ^DT_CPFILL1_E separate any <u>kitchen waste from the rest of your garbage</u> and put it out for compost collection, take it to a depot or put it in a compost bin or pile? 1 Yes 2 No (Go to CP_C05) DK, RF (Go to CP_C05)
Help text:	CP_Q01 Composting Composting involves the separation of kitchen and/or yard waste from the rest of your household garbage and placing it in a special compost bin or pile, putting it out for curbside collection, or taking it to a dropoff depot. Examples of kitchen waste include food scraps, coffee grinds, eggshells, etc. Note: The use of a garbarator is not composting and should not be included.

CP_Q02	<p>How was your kitchen waste composted? Was it...?</p> <p><u>INTERVIEWER:</u> Read categories to respondent. Mark all that apply.</p> <p>1 Collected by your city or private company 2 Taken to a depot 3 Put in a compost bin, pile or garden 4 Other DK, RF</p>
CP_C05	<p>If WA_Q14 = 1 or WA_Q21 = 1, go to CP_Q05. Otherwise, go to CP_C07.</p>
CP_Q05	<p>In the past 12 months, did ^DT_CPFILL1_E separate any <u>yard waste</u> such as leaves, plants, or grass clippings from the rest of your garbage and put it out for collection, take it to a depot or put it in a compost bin or pile?</p> <p>1 Yes 2 No (Go to CP_C07) DK, RF (Go to CP_C07)</p>
Help text:	<p>CP_Q05 Composting</p> <p>Composting involves the separation of kitchen and/or yard waste from the rest of your household garbage and placing it in a special compost bin or pile, putting it out for curbside collection, or taking it to a dropoff depot.</p> <p>Examples of yard waste include leaves, plants or grass clippings.</p>
CP_Q06	<p>How was your yard waste composted? Was it...?</p> <p><u>INTERVIEWER:</u> Read categories to respondent. Mark all that apply.</p> <p>1 Collected by your city or private company 2 Taken to a depot 3 Put in a compost bin, pile or garden 4 Other DK, RF</p>
CP_C07	<p>If CP_Q01 = 2 or CP_Q05 = 2, go to CP_D07A. Otherwise, go to CP_END.</p>

CP_D07A	If CP_Q01 = 2 and CP_Q05 = 1, DT_KITCHYARD = "kitchen". If CP_Q01 = 1 and CP_Q05 = 2, DT_KITCHYARD = "yard". If CP_Q01 = 2 and CP_Q05 = 2, DT_KITCHYARD = "kitchen and yard". Otherwise, DT_KITCHYARD = "kitchen".
CP_D07B	If HHLNUM = 1, DT_CPFILL2_E = "Do you". Otherwise, DT_CPFILL2_E = "Does your household".
CP_Q07	^DT_CPFILL2_E have access to a municipal composting or organics collection program for ^DT_KITCHYARD waste? 1 Yes 2 No DK, RF
CP_END	End of section

Recycling (RC)

18 - Development - Completed
Version - 1001

RC_BEG	Beginning of section Content block External variables required: HHLDNUM: number of members in household, from Demographics block. DWELCODE: dwelling type, from Entry block.
RC_R01	The next few questions are about household recycling. <u>INTERVIEWER</u> : Press <1> to continue.
RC_D01	If HHLDNUM=1, DT_RCFILL1_E = "do you". Else, DT_RCFILL1_E = "does your household".
RC_D01A	If DWELCODE=5 or 6, DT_RCFILL9_E = "A municipal curb side pickup program (or containers or bins in or near your building)". Else, DT_RCFILL9_E = "A municipal curb side pickup program".

RC_Q01

Excluding containers that are returned for refund, ^DT_RCFILL1_E have access to any of the following types of recycling programs for paper, plastics, glass or metals?

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

- 1 ^DT_rcfill9_E
 - 2 **A drop-off center or depot (including at a landfill site)**
 - 3 Other - Specify (Go to RC_S01)
 - 4 No recycling program available to household (Go to RC_END)
- DK, RF (Go to RC_END)

Help text:

RC_Q01 Recycling

A recycling program can be either:

" A collection system for recyclable materials such as paper, plastics, metals, and glass. This system can be either municipally or privately operated and can be either from the curb side or containers or bins in or near your building.

" A system whereby residents and/or businesses take their recyclable materials to a central depot or drop-off centre.

Recyclable

Paper: Include newsprint, flyers, circulars, office paper, magazines, cardboard, boxboard (e.g., cereal boxes), egg, juice and milk containers.

Plastics: Include plastic soft drink bottles and other plastic containers such as yogurt and margarine containers.

Glass: Include jars, juice bottles, wine bottles and any other glass containers. Do not include light bulbs, crystal, dishes, ceramic and fibreglass.

Metal cans and containers: Include soft drink cans, aluminum cans, tin cans and any other metal food containers.

RC_S01	<p>(Excluding containers that are returned for refund, ^DT_RCFILL1_E have access to any of the following types of recycling programs for paper, plastics, glass or metals?)</p> <p><u>INTERVIEWER</u>: Specify.</p> <hr/> <p>(80 spaces)</p> <p>(DK, RF not allowed)</p>
RC_E01	<p>You cannot select "No recycling program available to household" with any other category. Please return and correct.</p>
Rule :	<p>Trigger hard edit if RC_Q01=4 and any other category.</p>
RC_D02	<p>If only one category selected in RC_Q01=1,2,3, DT_THISTHESE = "this program". If more than one category selected in RC_Q01 = 1,2,3, DT_THISTHESE = "these programs".</p>
RC_Q02	<p>What products are accepted in ^DT_THISTHESE?</p> <p><u>INTERVIEWER</u>: Read categories to respondent. Mark all that apply</p> <ol style="list-style-type: none">1 Paper (Include newsprint, cardboard)2 Plastics3 Glass (Include jars, juice bottles, wine bottles and any other glass containers)4 Metal cans and containers <p>DK, RF</p>
RC_D03	<p>If HHLNUM=1, DT_RCFILL2_E = "did you". Else, DT_RCFILL2_E = "did your household".</p>
RC_C03	<p>If RC_Q02=1, go to RC_Q03. Otherwise, go to RC_C04.</p>

RC_Q03	<p>During an average week in the last 12 months, how much recyclable paper waste DT_RCFILL2_E recycle? Was it ... ?</p> <p><u>INTERVIEWER:</u> Read categories to respondent.</p> <p>1 All 2 Most 3 Some 4 None DK, RF</p>
RC_C04	<p>If RC_Q02=2, go to RC_Q04. Otherwise, go to RC_C05.</p>
RC_Q04	<p>(During an average week in the last 12 months,) how much recyclable plastic waste DT_RCFILL2_E recycle? Was it ...?</p> <p><u>INTERVIEWER:</u> Read categories to respondent.</p> <p>1 All 2 Most 3 Some 4 None DK, RF</p>
RC_C05	<p>If RC_Q02=3, go to RC_Q05. Otherwise, go to RC_C06.</p>
RC_Q05	<p>(During an average week in the last 12 months,) how much recyclable glass waste DT_RCFILL2_E recycle? Was it ...?</p> <p><u>INTERVIEWER:</u> Read categories to respondent.</p> <p>1 All 2 Most 3 Some 4 None DK, RF</p>
RC_C06	<p>If RC_Q02=4, go to RC_Q06. Otherwise, go to RC_END.</p>

RC_Q06 (During an average week in the last 12 months,) how much recyclable metal waste DT_RCfill2_E recycle?
Was it ...?

INTERVIEWER: Read categories to respondent.

- 1 **All**
 - 2 **Most**
 - 3 **Some**
 - 4 **None**
- DK, RF

RC_END

Air quality (AQ)

18 - Development - Completed
Version - 1001

AQ_BEG	Beginning of section Content block External variables required: HHLNUM: number of members in household, from Demographics block. DWELCODE: dwelling type, from Entry block.
AQ_C04	If DWELCODE = 5 (Low rise apt.) or 6 (High rise apt.), go to AQ_END. Otherwise, go to AQ_D04.
AQ_D04	If HHLNUM = 1, DT_AQFILL3_E = "did you". Otherwise, DT_AQFILL3_E = "did anyone in your household".
AQ_Q04	In the past 12 months, ^DT_AQFILL3_E burn yard waste on your property? <u>INTERVIEWER</u> : Please include leaves, branches, grass clippings, etc. 1 Yes 2 No 3 Maybe DK, RF
AQ_Q05	(In the past 12 months,) ^DT_AQFILL3_E burn household waste on your property? <u>INTERVIEWER</u> : Please include all household items that can be burned, excluding only yard waste and materials generated from the operation of a business. 1 Yes 2 No DK, RF
AQ_END	End of section

Hazardous Waste (HW)

18 - Development - Completed
Version - 1001

HW_BEG	Beginning of section Content block External variables required: HHLNUM: number of members in household, from Demographics block. EH_Q16: types of energy saving lights, from Energy Use block.
HW_R01	The next set of questions is about the disposal of hazardous products. <u>INTERVIEWER</u> : Press <1> to continue.
HW_D01	If HHLNUM = 1, DT_HWFILL1_E = "you". Otherwise, DT_HWFILL1_E = "anyone ".
HW_Q01	In the past 12 months, did ^DT_HWFILL1_E have: ... any leftover or expired medication to dispose of? 1 Yes 2 No (Go to HW_Q02A) DK, RF (Go to HW_Q02A)
HW_Q02	What did you do with them? Did you...? <u>INTERVIEWER</u> : Read categories to respondent. Mark all that apply. 1 Put them in the garbage 2 Take or send them to a depot or drop off center 3 Return them to a supplier/retailer including a pharmacy or doctor 4 Pour them down the drain, sewer, ground, toilet or sink 5 Still have them 6 Other DK, RF

HW_Q02A

(In the past 12 months,) did ^DT_HWFILL1_E have:

... any medical sharps (to dispose of)?

INTERVIEWER: Include syringes, needles, insulin pens and lancets.

- 1 Yes
- 2 No (Go to HW_Q03)
- DK, RF (Go to HW_Q03)

HW_Q02B

(What did you do with them?) Did you...?

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

- 1 **Put them in the garbage**
- 2 **Use a medical sharps disposal program**
- 3 **Return them to a pharmacy or doctor**
- 4 **Take or send them to a depot or drop off center**
- 5 **Still have them**
- 6 Other
- DK, RF

HW_Q03

(In the past 12 months,) did ^DT_HWFILL1_E have:

... any leftover paint or solvents (to dispose of?)

- 1 Yes
- 2 No (Go to HW_Q05)
- DK, RF (Go to HW_Q05)

HW_Q04

(What did you do with them?) Did you...?

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

- 1 **Put them in the garbage**
- 2 **Take or send them to a depot or drop off center**
- 3 **Return them to a supplier/retailer**
- 4 **Still have them**
- 5 Other
- DK, RF

HW_Q05

(In the past 12 months,) did ^DT_HWFILL1_E have:

... any unwanted engine oil or anti-freeze (to dispose of?)

- 1 Yes
- 2 No (Go to HW_Q09)
- DK, RF (Go to HW_Q09)

HW_Q06

(What did you do with them?) Did you...?

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

- 1 Put them in the garbage
- 2 Take or send them to a depot or drop off center
- 3 Return them to a supplier/retailer
- 4 Still have them
- 5 Other
- DK, RF

HW_Q09

(In the past 12 months,) did ^DT_HWFILL1_E have:

... any dead or unwanted batteries, excluding car batteries (to dispose of?)

INTERVIEWER: Include general purpose batteries such as AA batteries, cellphone, PDA, laptop computer, hearing aid and watch batteries.

Exclude car, motorcycle, boat (marine) and tractor batteries.

- 1 Yes
- 2 No (Go to HW_Q11)
- DK, RF (Go to HW_Q11)

HW_Q10

(What did you do with them?) Did you...?

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

- 1 Put them in the garbage
- 2 Take or send them to a depot or drop off center
- 3 Return them to a supplier/retailer
- 4 Still have them
- 5 Other
- DK, RF

HW_Q11	<p>In the past 12 months, did ^DT_HWFILL1_E have any of the following unwanted electronic products to dispose of?</p> <p><u>INTERVIEWER:</u> Read categories to respondent. Mark all that apply.</p> <ol style="list-style-type: none">1 Computers2 Printers or fax machines3 Televisions or computer displays4 Audio-video equipment (include DVD players, VCRs, speakers, portable digital music players)5 Cellular phones6 Electronic gaming equipment7 None of the above <p>DK, RF</p>
HW_E11	<p>You cannot select "None of the above" and another category. Please return and correct.</p>
Rule :	<p>Trigger hard edit if HW_Q08 = 7 and any other category.</p>
HW_C12	<p>If HW_Q11 = 1 (computers), go to HW_Q12. Otherwise, go to HW_C13.</p>
HW_Q12	<p>What did you do with your computers? Did you...?</p> <p><u>INTERVIEWER:</u> Read categories to respondent. Mark all that apply.</p> <ol style="list-style-type: none">1 Put them in the garbage2 Take or send them to a depot or drop off center3 Return them to a supplier/retailer4 Donate or give them away5 Repair or sell them6 Still have them7 Other <p>DK, RF</p>
HW_C13	<p>If HW_Q11 = 2 (printers or fax machines), go to HW_Q13. Otherwise, go to HW_C14.</p>

HW_Q13

(What did you do with your) printers or fax machines? (Did you...?)

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

- 1 Put them in the garbage
 - 2 Take or send them to a depot or drop off center
 - 3 Return them to a supplier/retailer
 - 4 Donate or give them away
 - 5 Repair or sell them
 - 6 Still have them
 - 7 Other
- DK, RF

HW_C14

If HW_Q11 = 3 (televisions or computer displays), go to HW_Q14.
Otherwise, go to HW_C15.

HW_Q14

(What did you do with your) televisions or computer displays? (Did you...?)

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

- 1 Put them in the garbage
 - 2 Take or send them to a depot or drop off center
 - 3 Return them to a supplier/retailer
 - 4 Donate or give them away
 - 5 Repair or sell them
 - 6 Still have them
 - 7 Other
- DK, RF

HW_C15

If HW_Q11 = 4 (audio-video equipment), go to HW_Q15.
Otherwise, go to HW_C16.

HW_Q15

(What did you do with your) audio-video equipment? (Did you...?)

INTERVIEWER: Include DVD players, VCRs, speakers, portable digital music players

Read categories to respondent. Mark all that apply.

- 1 **Put them in the garbage**
 - 2 **Take or send them to a depot or drop off center**
 - 3 **Return them to a supplier/retailer**
 - 4 **Donate or give them away**
 - 5 **Repair or sell them**
 - 6 **Still have them**
 - 7 Other
- DK, RF

HW_C16

If HW_Q11 = 5 (cellular phones), go to HW_Q16.
Otherwise, go to HW_C17.

HW_Q16

(What did you do with your) cellular phones? (Did you...?)

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

- 1 **Put them in the garbage**
 - 2 **Take or send them to a depot or drop off center**
 - 3 **Return them to a supplier/retailer**
 - 4 **Donate or give them away**
 - 5 **Repair or sell them**
 - 6 **Still have them**
 - 7 Other
- DK, RF

HW_C17

If HW_Q11 = 6 (electronic gaming equipment), go to HW_Q17.
Otherwise, go to HW_C18.

HW_Q17	<p>(What did you do with your unwanted) electronic gaming equipment? (Did you...?)</p> <p><u>INTERVIEWER</u>: Read categories to respondent. Mark all that apply.</p> <ol style="list-style-type: none">1 Put them in the garbage2 Take or send them to a depot or drop off center3 Return them to a supplier/retailer4 Donate or give them away5 Repair or sell them6 Still have them7 Other <p>DK, RF</p>
HW_C18	<p>If EH_Q16=1 (compact fluorescent light bulbs), go to HW_Q18. Otherwise, go to HW_C20.</p>
HW_Q18	<p>(In the past 12 months,) did ^DT_HWFILL1_E have any dead or unwanted <u>compact fluorescent light bulbs</u> (to dispose of?)</p> <ol style="list-style-type: none">1 Yes2 No (Go to HW_C20) <p>DK, RF (Go to HW_C20)</p>
Help text:	<p>Compact fluorescent lights- Also known as corkscrew or spiral light bulbs. A light that is similar to and can replace most incandescent lights, but uses 75% less energy and can last up to ten times as long as a conventional incandescent light bulb.</p>
HW_Q19	<p>(What did you do with them?) Did you...?</p> <p><u>INTERVIEWER</u>: Read categories to respondent. Mark all that apply.</p> <ol style="list-style-type: none">1 Put them in the garbage2 Take or send them to a depot or drop off center3 Return them to a supplier/retailer4 Still have them5 Other <p>DK, RF</p>
HW_C20	<p>If EH_Q16=2 (fluorescent tubes), go to HW_Q20. Otherwise, go to HW_END.</p>

HW_Q20 (In the past 12 months,) did ^DT_HWFILL1_E have any dead or unwanted fluorescent tubes (to dispose of?)

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

Help text: Fluorescent tubes- Glass tubes of various lengths whose inner walls are coated with a material that fluoresces when an electrical current causes a vapour within the tube to discharge electrons.

HW_Q21 (What did you do with them?) Did you...?

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

- 1 **Put them in the garbage**
- 2 **Take or send them to a depot or drop off center**
- 3 **Return them to a supplier/retailer**
- 4 **Still have them**
- 5 Other
- DK, RF

HW_END End of section

Importance of nature (NN)

18 - Development - Completed
Version - 1001

NN_BEG	Beginning of section Content block External variables required: HHLDNUM: number of members in household, from Demographics block. DWELCODE: dwelling type, from Entry block.
NN_R01	The next set of questions is about the importance of nature. <u>INTERVIEWER</u> : Press <1> to continue.
NN_D01	If HHLDNUM = 1, DT_NNFILL1_E = "you". Otherwise, DT_NNFILL1_E = "anyone in your household".
NN_Q01	In the past 12 months, did ^DT_NNFILL1_E grow vegetables, herbs, fruits or flowers for personal use? 1 Yes 2 No (Go to NN_Q03) DK, RF (Go to NN_Q03)
NN_Q02	Where were they grown? <u>INTERVIEWER</u> : Read categories to respondent. Mark all that apply. 1 Outside in the yard 2 On a balcony 3 In a community garden or allotment garden 4 Indoors 5 In a rooftop garden 6 Somewhere else DK, RF
Programmer:	Display category 5 if DWELCODE = 5 or 6
NN_E02	You cannot enter a response that is not included in the displayed categories. Please return and correct
Rule :	Trigger hard edit if (DWELCODE NE (5 or 6) and NN_Q02 = 5)

NN_Q03	<p>Are there any bushes or hedges on your property?</p> <p>1 Yes 2 No DK, RF</p>
NN_Q04	<p>Are there any trees on your property?</p> <p>1 Yes 2 No DK, RF</p>
NN_C05A	<p>If DWELCODE = 5 (Low Rise Apt.) or 6 (High Rise Apt.), go to NN_Q07. Otherwise, go to NN_C05B.</p>
NN_C05B	<p>If NN_Q04 = 1 (trees on property) , go to NN_Q05. Otherwise, go to NN_Q06.</p>
NN_Q05	<p>In the past 5 years, have there been any trees planted on your property?</p> <p>1 Yes 2 No DK, RF</p>
NN_Q06	<p>In the past 5 years, have there been any trees cut down on your property?</p> <p>1 Yes 2 No DK, RF</p>
NN_Q07	<p>In the past 12 months, did ^DT_NNFILL1_E make any purchases to feed or shelter birds on your property?</p> <p>1 Yes 2 No DK, RF</p>
NN_D08	<p>If HHDLNUM = 1, DT_NNFILL2_E = "you". Otherwise, DT_NNFILL2_E = "your household".</p>

NN_Q08A

In the past 12 months, did ^DT_NNFILL2_E participate in outdoor activities close to your home?

INTERVIEWER: Close to your home: 10 minutes walking or driving.
Outdoor activities can include individual activities such as walking, running, skiing or picnicking, and team activities such as playing soccer, baseball or football.

- 1 Yes
- 2 No (Go to NN_Q09)
- DK, RF (Go to NN_Q09)

NN_Q08B

What type of outdoor activities did ^DT_NNFILL2_E participate in (close to your home)?

INTERVIEWER: Close to your home: 10 minutes walking or driving.
Outdoor activities can include individual activities such as walking, running, skiing or picnicking, and team activities such as playing soccer, baseball or football.

(160 spaces)

DK, RF

NN_Q09

Are there any parks or public greenspaces close to your home?

INTERVIEWER: Close to your home: 10 minutes walking or driving.

- 1 Yes
- 2 No (Go to NN_D11A)
- DK, RF (Go to NN_D11A)

NN_Q10

In the past 12 months, did ^DT_NNFILL1_E visit these parks or public greenspaces?

- 1 Yes
- 2 No
- DK, RF

NN_D11A

If NN_Q09=1, DT_NNFILL3_E = "other parks".
Otherwise, DT_NNFILL3_E = "parks".

NN_D11B	If NN_Q09 = 1, DT_NNFILL4_E = " that were <u>not</u> close to your home?". Otherwise, DT_NNFILL4_E = "?".
NN_Q11	In the past 12 months, did ^DT_NNFILL1_E visit <u>any</u> ^DT_NNFILL3_E or public greenspaces^DT_NNFILL4_E 1 Yes 2 No DK, RF
NN_Q12	In the past 12 months, did ^DT_NNFILL1_E engage, without pay, in activities aimed at conservation or protection of the environment or wildlife? <u>INTERVIEWER</u> : For example picking up litter, planting trees, naturalizing or restoring areas, writing letters to political officials. 1 Yes 2 No (Go to NN_END) DK, RF (Go to NN_END)
NN_Q13	Were any of these activities done on behalf of a group or an organization? <u>INTERVIEWER</u> : Include activities like beach or park clean-up days, unpaid help provided to schools, religious organizations, sports or community associations. 1 Yes 2 No DK, RF
NN_Q14	Were any of these activities done <u>independently</u>, that is, not on behalf of a group or an organization? <u>INTERVIEWER</u> : For example, picking up litter, writing letters to political officials. 1 Yes 2 No DK, RF
NN_E14	A response inconsistent with a response to a previous question has been entered. Please confirm.
Rule :	Trigger soft edit if NN_Q12=1 and NN_Q13= (2,DK,RF) and NN_Q14=(2,DK,RF)
NN_END	

Purchasing decisions (PD)

18 - Development - Completed
Version - 1001

PD_BEG	Beginning of section Content block External variables required: HHLNUM: number of members in household, from Demographics block.
PD_R01	The next few questions are about purchasing decisions. <u>INTERVIEWER</u> : Press <1> to continue.
PD_D01	If HHLNUM = 1, DT_PDFILL1_E = "do you". Otherwise, DT_PDFILL1_E = "does your household".
PD_Q03	When they are available (or in season), how often ^DT_PDFILL1_E purchase foods advertised as being locally grown or produced? <u>INTERVIEWER</u> : Read categories to respondent. 1 Always 2 Often 3 Sometimes 4 Rarely 5 Never DK, RF
Help text:	PD_Q03 Locally grown products Products are considered "locally grown" if they are advertised as such.
PD_D02	If HHLNUM = 1, DT_PDFILL2_E = "did you". Otherwise, DT_PDFILL2_E = "did your household".

PD_Q04	<p>In the past 12 months, how often ^DT_PDFILL2_E purchase environmentally friendly or "green" cleaning products?</p> <p><u>INTERVIEWER:</u> Read categories to respondent.</p> <p>1 Always 2 Often 3 Sometimes 4 Rarely 5 Never DK, RF</p>
Help text:	<p>PD_Q04 Environmentally friendly or green cleaning products?</p> <p>Household cleaning products, personal cleaning products and detergents that avoid phosphates, chlorine, artificial fragrances and colours and are biodegradable.</p>
PD_D03	<p>If HHLNUM=1, DT_PDFILL3_E = "you use your ". Otherwise, DT_PDFILL3_E = "your household use your ".</p>
PD_Q05	<p>(In the past 12 months,) how often did ^DT_PDFILL3_E own bags or containers to carry your groceries?</p> <p><u>INTERVIEWER:</u> Read categories to respondent.</p> <p>1 Always 2 Often 3 Sometimes 4 Rarely 5 Never DK, RF</p>
Help text:	<p>PD_Q05 Bags and containers</p> <p>Bags usually made of canvas or heavy plastic that can be reused numerous times for groceries, as opposed to plastic disposable bags.</p>
PD_END	<p>End of section</p>

Total Household Income (THI)

18 - Development - Completed
Version - 1001

Overview:	This is the CATI-CAPI version of the total household income block.
THI_BEG	External variables required: PROXMODE: proxy identifier FNAME: first name of respondent CURRENTYEAR: the year during which the information is collected
THI_D01	DV_PASTYEAR = CURRENTYEAR [minus] 1 (e.g. 2008 - 1 = 2007)
THI_Q01	Now a question about ^YOUR1 total <u>household</u> income. What is your best estimate of ^YOUR1 total <u>household</u> income received by all household members, from all sources, before taxes and deductions, during the year ending December 31, ^DV_PASTYEAR? Income can come from various sources such as from work, investments, pensions or government. Examples include Employment Insurance, Social Assistance, Child Tax Benefit and other income such as child support, spousal support (alimony) and rental income. <u>INTERVIEWER</u> : Capital gains <u>should not be</u> included in the household income. (MIN: -9000000) (MAX: 90000000) DK, RF
THI_E01	An unusual value has been entered. Please confirm.
Rule :	Trigger soft edit if TPI_Q01 > 250000 or TPI_Q01 < -150000
THI_C02	If THI_Q01 = DK or RF, go to THI_Q02. Otherwise, go to THI_END.

THI_Q02 Can you estimate in which of the following groups ^YOUR1 household income falls? Was the total household income during the year ending December 31, ^DV_PASTYEAR... ?

INTERVIEWER: Read categories to respondent.

- 1 Less than \$50,000, including income loss (Go to THI_Q03)
 - 2 \$50,000 and more (Go to THI_Q04)
- DK, RF

Go to THI_END

THI_Q03 Please stop me when I have read the category which applies to ^YOUR1 household.

Was it... ?

INTERVIEWER: Read categories to respondent.

- 1 Less than \$5,000
- 2 \$5,000 to less than \$10,000
- 3 \$10,000 to less than \$15,000
- 4 \$15,000 to less than \$20,000
- 5 \$20,000 to less than \$30,000
- 6 \$30,000 to less than \$40,000
- 7 \$40,000 to less than \$50,000

DK, RF

Go to THI_END

THI_Q04 Please stop me when I have read the category which applies to ^YOUR1 household.

Was it... ?

INTERVIEWER: Read categories to respondent.

- 1 \$50,000 to less than \$60,000
- 2 \$60,000 to less than \$70,000
- 3 \$70,000 to less than \$80,000
- 4 \$80,000 to less than \$90,000
- 5 \$90,000 to less than \$100,000
- 6 \$100,000 to less than \$150,000
- 7 \$150,000 and over

DK, RF

THI_END

