

## **Derived Variables – Care Receiving 1/Formal Care (CR1) & Care Receiving 2/Informal Care (CR2)**

### **(Tracking and Comprehensive Assessments)**

There is 1 derived variable (DV) in the Care Receiving 1/Formal Care (CR1) module: a flag for receiving formal home care services in the last 12 months. There are 3 derived variables (DVs) in the Care Receiving 2/Informal Care (CR2) module: a flag for receiving informal home care services in the last 12 months, a variable indicating the types of help received in the last 12 months, and the relationship of the main caregiver to the respondent. These DVs are created for participants in both the Tracking and Comprehensive assessments. For simplicity, we describe them here for the Tracking assessment, however, the process of creating the DVs for the Comprehensive assessment is identical. Distinguishing the two are the variable name endings; all variable names in the Tracking assessment end in ‘TRM’ and in the Comprehensive assessment in ‘COM’. For example, the DV named CR1\_FRHC\_TRM in the Tracking assessment is named CR1\_FRHC\_COM in the Comprehensive assessment.

#### **1) Flag for Receiving Formal Home Care Services (In the Last 12 Months)**

**Derived Variable Name:** CR1\_FRHC\_TRM

**Description:** This flag variable indicates whether the respondent received short-term or long-term professional assistance at home during the past 12 months, because of a health condition or limitation that affects the respondent’s daily life.

This DV is similar to the variable “CR1FRHC” in Statistics Canada’s Canadian Community Health Survey (CCHS) – Healthy Aging.

**Based on:**

CR1_PRO_PR_TRM	CR1_PRO_MD_TRM	CR1_PRO_MG_TRM	CR1_PRO_AC_TRM	CR1_PRO_TR_TRM
CR1_PRO_ML_TRM	CR1_PRO_NONE_TRM	CR1_PRO_OT_TRM	CR1_PRO_DK_NA_TRM	CR1_PRO_REFUSED_TRM
CR1_PRO_MC_TRM	CR1_PRO_PT_TRM	CR1_PRO_TA_TRM	CR1_PRO_MISSING_TRM	

**Note:** When multiple responses to a question are allowed, the answers to the question are recoded as indicator variables, where 1 indicates that a response was chosen and 0 indicates that it was not. Furthermore, if open text questions (such as when asked to specify a response of “other”) result in recurrent themes, extra indicator variables are created for these common responses.

**Derived Variable Specifications:**

Value	Condition(s)	Description
9	CR1_PRO_DK_NA_TRM = 1 or CR1_PRO_REFUSED_TRM = 1 or CR1_PRO_MISSING_TRM = 1	The required question was not answered
1	CR1_PRO_PR_TRM = 1 or CR1_PRO_MD_TRM = 1 or CR1_PRO_MG_TRM = 1 or CR1_PRO_AC_TRM = 1 or CR1_PRO_TR_TRM = 1 or CR1_PRO_ML_TRM = 1 or CR1_PRO_MC_TRM = 1 or CR1_PRO_PT_TRM = 1 or CR1_PRO_TA_TRM = 1 or CR1_PRO_OT_TRM = 1 or	Received formal home care services
2	CR1_PRO_NONE_TRM = 1	Did not receive formal home care services

## 2) Flag for Receiving Informal Home Care Services (In the Last 12 Months)

**Derived Variable Name:** CR2\_FRHC\_TRM

**Description:** This flag variable indicates whether the respondent received short-term or long-term home care provided by family, friends or neighbours (informal home care) during the past 12 months, because of a health condition or limitation that affects the respondent's daily life.

This DV is similar to the variable “CR2FRHC” in Statistics Canada’s Canadian Community Health Survey (CCHS) – Healthy Aging.

**Based on:**

CR2_FAM_PR_TRM	CR2_FAM_MD_TRM	CR2_FAM_MG_TRM	CR2_FAM_AC_TRM	CR2_FAM_TR_TRM
CR2_FAM_ML_TRM	CR2_FAM_NONE_TRM	CR2_FAM_OT_TRM	CR2_FAM_DK_NA_TRM	CR2_FAM_REFUSED_TRM
CR2_FAM_CS_TRM	CR2_FAM_MB_TRM	CR2_FAM_MISSING_TRM	CR2_FAM_MN_TRM	

**Note:** When multiple responses to a question are allowed, the answers to the question are recoded as indicator variables, where 1 indicates that a response was chosen and 0 indicates that it was not. Furthermore, if open text questions (such as when asked to specify a response of “other”) result in recurrent themes, extra indicator variables are created for these common responses.

**Derived Variable Specifications:**

Value	Condition(s)	Description
9	CR2_FAM_DK_NA_TRM = 1 or CR2_FAM_REFUSED_TRM = 1 or CR2_FAM_MISSING_TRM = 1	The required question was not answered
1	CR2_FAM_PR_TRM = 1 or CR2_FAM_MD_TRM = 1 or CR2_FAM_MG_TRM = 1 or CR2_FAM_AC_TRM = 1 or CR2_FAM_TR_TRM = 1 or CR2_FAM_ML_TRM = 1 or CR2_FAM_CS_TRM = 1 or CR2_FAM_MN_TRM = 1 or CR2_FAM_MB_TRM = 1 or CR2_FAM_OT_TRM = 1	Received informal home care services
2	CR2_FAM_NONE_TRM = 1	Did not receive informal home care services

### 3) Receipt of Formal or Informal Home Care (In the Last 12 Months)

**Derived Variable Name:** CR2\_DTHC\_TRM

**Description:** This variable indicates the *type* of home care received by the respondent (formal home care only, informal home care only or both formal and informal home care) during the past 12 months. It uses data from both the CR1 and CR2 modules and is included in the CR2 module.

This DV is similar to the variable “CR2DTHC” in Statistics Canada’s Canadian Community Health Survey (CCHS) – Healthy Aging.

**Based on:** CR1\_FRHC\_TRM, CR2\_FRHC\_TRM

**Derived Variable Specifications:**

Value	Condition(s)	Description
9	CR1_FRHC_TRM = 9 or CR2_FRHC_TRM = 9	At least one required question was not answered (don’t know, refusal)
0	CR1_FRHC_TRM = 2 and CR2_FRHC_TRM = 2	Did not receive home care
1	CR1_FRHC_TRM = 1 and CR2_FRHC_TRM = 2	Formal home care only
2	CR1_FRHC_TRM = 2 and CR2_FRHC_TRM = 1	Informal home care only
3	CR1_FRHC_TRM = 1 and CR2_FRHC_TRM = 1	Both formal and informal home care

#### **4) Relationship of Main Caregiver**

**Derived Variable Name:** CR2\_DRMC\_TRM

**Description:** This variable describes the relationship of the main provider of assistance to the respondent over the past 12 months, for the main source of informal assistance (e.g. meal preparation and delivery). This variable was derived by combining the possible values of two characteristics of the main caregiver: sex (CR2\_GNDR\_TRM) and relation to the respondent (CR2\_RELN\_TRM). It only applies to those participants who received informal home care over the past 12 months.

This DV is similar to the variable “CR2DRMC” in Statistics Canada’s Canadian Community Health Survey (CCHS) – Healthy Aging.

**Based on:** CR2\_FRHC\_TRM, CR2\_GNDR\_TRM, CR2\_RELN\_TRM

**Note:** Extra categories were added to CR2\_RELN\_TRM based on the open text specifications of “other”.

**Derived Variable Specifications:**

<b>Value</b>	<b>Condition(s)</b>	<b>Description</b>
996	CR2_FRHC_TRM = 2	Excluded Participants – Reported no informal home care
999	CR2_FRHC_TRM = 9 or CR2_GNDR_TRM = 9 or CR2_RELN_TRM =(77, 98, 99)	At least one required question was not answered (don't know, refusal)
101	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 01	Husband
102	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 02	Male - common-law partner
103	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 03	Father
104	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 04	Son
105	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 05	Brother
106	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 07	Grandson
107	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 08	Father-in-law
108	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 09	Son-in-law
109	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 10	Brother-in-law
110	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 06, 11	Male - other relative
111	CR2_GNDR_TRM =1 and CR2_RELN_TRM = 12, 13, 14, 15, 16, 17, 18, 97	Male - friend, neighbour, or other
201	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 01	Wife
202	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 02	Female - common-law partner
203	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 03	Mother
204	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 04	Daughter
205	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 05	Sister
206	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 07	Granddaughter
207	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 08	Mother-in-law
208	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 09	Daughter-in-law
209	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 10	Sister-in-law
210	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 06, 11	Female - other relative
211	CR2_GNDR_TRM =2 and CR2_RELN_TRM = 12, 13, 14, 15, 16, 17, 18, 97	Female - friend, neighbour, or other