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Activities of Daily Living (1 DV)

1 ) Need for help with instrumental activities of daily living

**Variable name:** ADLF6R  
**Based on:** ADL_01, ADL_02, ADL_03, ADL_04, ADL_05, ADL_06  
**Description:** This variable classifies respondents according to their need for help (because of health reasons) with instrumental activities of daily living such as preparing meals, shopping for groceries or other necessities, doing everyday housework, doing heavy household chores (washing walls, yard work), and personal care (washing, dressing or eating), moving about inside the house or paying bills.  

**Note:** Prior to 2009, ADLF6R was called RACF6R and was a part of the Restriction of Activities (RAC) module. In 2009, all of the questions associated with the derived variable RACF6R were moved into a new module called Activities of Daily Living (ADL).

RACFUR is modified from RACAF6 (CCHS Cycle 1.1) by adding RAC_6G. The series of tasks included was revised based on the Participation and Activity Limitation Survey. Hence, this derived variable has been modified to take into account the revised set of tasks and thus this DV is not entirely comparable to RACAF6.

The variable was also modified in 2007 as question RAC_6D was no longer asked.

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| 1 | ADL_01 = 1 or  
ADL_02 = 1 or  
ADL_03 = 1 or  
ADL_04 = 1 or  
ADL_05 = 1 or  
ADL_06 = 1 | Needs help with at least one task | |
| 2 | ADL_01 = 2 and  
ADL_02 = 2 and  
ADL_03 = 2 and  
ADL_04 = 2 and  
ADL_05 = 2 and  
ADL_06 = 2 | Does not need help | |
| 9 | (ADL_01 = DK, R, NS) or  
(ADL_02 = DK, R, NS) or  
(ADL_03 = DK, R, NS) or  
(ADL_04 = DK, R, NS) or  
(ADL_05 = DK, R, NS) or  
(ADL_06 = DK, R, NS) | At least one required question was not answered  
(don’t know, refusal, not stated) | NS |
1) Type of Drinker (12 Months)

Variable name: ALCDDTM

Based on: ALC_1, ALC_2

Description: This variable indicates the type of drinker the respondent is based on his/her drinking habits in the past 12 months.

Note: This derived variable was introduced in 2007. Some of the questions contained within the Alcohol Use module in previous cycles moved to the Alcohol Use During the Past Week (ALW) and Alcohol Use - Former Drinkers (ALN) modules. As the new modules are optional content, most of the derived variables that were formerly calculated for all respondents in the Alcohol Use (ALC) module are now found in ALW and ALN and are only calculated for the health regions that selected these modules. ALCDDTM was created to allow the classification of all respondents according to their drinking habits in the past 12 months.

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<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
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</tr>
<tr>
<td>2</td>
<td>ALC_2 = 1</td>
<td>Occasional drinker</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>ALC_1 = 2</td>
<td>Did not drink in the last 12 months</td>
<td></td>
</tr>
</tbody>
</table>
Alcohol use during the past week (2 DVs)

1) Weekly Consumption

Variable name: ALWDWKY

Based on: ALC_1, ALW_1, ALW_2A1, ALW_2A2, ALW_2A3, ALW_2A4, ALW_2A5, ALW_2A6, ALW_2A7

Description: This variable indicates the total number of drinks consumed in the week prior to the interview.

Note: Respondents who did not have at least one drink in the past 12 months were excluded from the population. Before 2007, this derived variable was called ALCnDWKY. It was included in the Derived Variable Specifications for the Alcohol Use (ALC) module and was calculated for all respondents. It is now only calculated for respondents residing the health regions that selected the Alcohol Use During the Past Week (ALW) module.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>996</td>
<td>DOALW = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>996</td>
<td>ALC_1 = 2</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>0</td>
<td>ALW_1 = 2</td>
<td>Has not had a drink in past week</td>
<td></td>
</tr>
<tr>
<td>999</td>
<td>(ALW_1 = DK, R, NS) or (ALW_2A1 = DK, R, NS) or (ALW_2A2 = DK, R, NS) or (ALW_2A3 = DK, R, NS) or (ALW_2A4 = DK, R, NS) or (ALW_2A5 = DK, R, NS) or (ALW_2A6 = DK, R, NS) or (ALW_2A7 = DK, R, NS)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

ALW_2A1 + ALW_2A2 + ALW_2A3 + ALW_2A4 + ALW_2A5 + ALW_2A6 + ALW_2A7

(0 <= ALW_2A1 < 100) and (0 <= ALW_2A2 < 100) and (0 <= ALW_2A3 < 100) and (0 <= ALW_2A4 < 100) and (0 <= ALW_2A5 < 100) and (0 <= ALW_2A6 < 100) and (0 <= ALW_2A7 < 100)

Number of drinks consumed in past week (min: 0; max: 693)

2) Average Daily Alcohol Consumption

Variable name: ALWDDLY

Based on: ALWDWKY

Description: This variable indicates the average number of drinks the respondent consumed per day in the week prior to the interview.

Note: Respondents who did not have at least one drink in the last 12 months were excluded from the population. Before 2007, this derived variable was called ALCnDDLY. It was included in the Derived Variable Specifications for the Alcohol Use (ALC) module and was calculated for all respondents. It is now only calculated for respondents residing the health regions that selected the Alcohol Use During the Past Week (ALW) module.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>996</td>
<td>DOALW = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>996</td>
<td>ALWDWKY = NA</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>999</td>
<td>ALWDWKY = NS</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

November 2013
| ALWDWKY / 7 | ALWDWKY < 694 | Average daily alcohol consumption (Rounded to integer) (min: 0; max: 99) |
# Chronic conditions (2 DVs)

## 1) Diabetes - age first diagnosed - (G)

**Variable name:** CCCG102  
**Based on:** CCC_Q102  
**Description:** The respondent's age when first diagnosed with diabetes.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>CCC_Q102 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>CCC_Q102 = 99</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>CCC_Q102=&lt;11</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>12=&lt;CCC_Q102=&lt;17</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>18=&lt;CCC_Q102=&lt;24</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>25=&lt;CCC_Q102=&lt;29</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>30=&lt;CCC_Q102=&lt;34</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>35=&lt;CCC_Q102=&lt;39</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>40=&lt;CCC_Q102=&lt;44</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>45=&lt;CCC_Q102=&lt;49</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>50=&lt;CCC_Q102=&lt;54</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>55=&lt;CCC_Q102=&lt;59</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>60=&lt;CCC_Q102=&lt;64</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>65=&lt;CCC_Q102=&lt;69</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>70=&lt;CCC_Q102=&lt;74</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>75=&lt;CCC_Q102=&lt;79</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>80=&lt;CCC_Q102</td>
<td>The respondent's age when first diagnosed with diabetes.</td>
<td></td>
</tr>
</tbody>
</table>

## 2) Diabetes type

**Variable name:** CCCDDIA
## Derived Variable Specifications

### Based on:

CCC_10A, CCC_10B, CCC_10C, CCC_101, CCC_102, CCC_105, CCC_106, DHH_AGE, DHH_SEX

### Description:

This is variable classifies diabetes as Type 1, Type 2, or Gestational, using the Ng-Dasgupta-Johnson algorithm (Health Reports, 19(1), March 2008).

### Note:

This derived variable was introduced in 2009.

### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>CCC_101 &gt; 1</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>(CCC_10A in [7,8.9]) or (CCC_10B in [7,8.9]) or (CCC_10C in [97,98.99]) or (CCC_101 in [7,8.9]) or (CCC_102 in [997,998.999]) or (CCC_105 in [7,8.9]) or (CCC_106 in [7,8.9])</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>((DHH_SEX = 1) and (CCC_101 = 1) and (CCC_105 = 1) and (CCC_106 = 2)) and ((CCC_10C &lt;=3) and ((DHH_AGE &lt; 30) or (CCC_102 &lt; 30)))</td>
<td>Type 1 diabetes</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>CCC_101 = 1 and (CCC_102 &gt;=30) or (CCC_102 &lt;30) and (CCC_106 =1) and (CCC_10C &gt;3)</td>
<td>Type 2 diabetes</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>CCC_101 = 1 and DHH_SEX = 2 and CCC_10A = 1 and CCC_10B = 2</td>
<td>Gestational diabetes</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Else</td>
<td>Unable to classify</td>
<td></td>
</tr>
</tbody>
</table>
1) Number of nights as patient -(G)

Variable name: CHPG02  
Based on: CHP_02  
Description: The number of nights as patient.  
Note: In processing, if a respondent answered CHP_01 = 2 (no), the variable CHP_02 is given the value of 0. The "not stated" category includes respondents who reported in CHP module not having been a patient overnight in a hospital, nursing home or convalescent home in the past 12 months and who reported in INJ having been admitted to a hospital for one night following the injury that occurred in the past 12 months. // Prior to 2009, CHPG02 was called HCUG01A and was calculated with questions from the Health care utilization (HCU) module. In 2009, the HCU module was split and all questions associated with the derived variable CHPG02 were moved into a new module called Contacts with Health Professionals (CHP).

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHP_02</td>
<td>CHP_02 &gt;= 1 and CHP_02 &lt;= 30</td>
<td>CHP_02</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>CHP_02 &gt; 30</td>
<td>31 or more</td>
<td></td>
</tr>
</tbody>
</table>

2) Number of consultations - fam. doctor/gen. practitioner -(G)

Variable name: CHPG04  
Based on: CHP_04  
Description: This variable indicates the number of consultations with a family doctor/general practitioner in the past 12 months.  
Note: For respondents aged less than 18, includes consultations with pediatricians.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>CHP_04 = DK, R, NS</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>CHP_04</td>
<td>CHP_04</td>
<td>Number of consultations with a family doctor/general practitioner</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>31=&lt;CHP_04</td>
<td>Number of consultations with a family doctor/general practitioner</td>
<td></td>
</tr>
</tbody>
</table>

3) Location of most recent contact - family doctor - (G)

Variable name: CHPG05  
Based on: CHP_05  
Description: This variable groups the location of the respondent's most recent contact with a family doctor.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>CHP_05 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
</tbody>
</table>

November 2013
## Derived Variable Specifications

### 4) Number of consultations - eye specialist - (G)

**Variable name:** CHPG07  
**Based on:** CHP_07  
**Description:** This variable indicates the number of consultations with an eye specialist in the past 12 months.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>CHP_07 = DK, R, NS</td>
<td>At least one required question was not answered</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>CHP_07</td>
<td></td>
<td>Number of consultations with an eye specialist</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>12&lt;=CHP_07</td>
<td>Number of consultations with an eye specialist</td>
<td></td>
</tr>
</tbody>
</table>

### 5) Number of consultations - other medical doctor - (G)

**Variable name:** CHPG09  
**Based on:** CHP_09  
**Description:** This variable indicates the number of consultations with any other medical doctor (such as surgeon, allergist, orthopedist, gynaecologist, or psychiatrist) in the past 12 months.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>CHP_09 = DK, R, NS</td>
<td>At least one required question was not answered</td>
<td>NS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(don’t know, refusal, not stated)</td>
<td></td>
</tr>
</tbody>
</table>
6) Location of most recent contact - other medical doctor - (G)

Variable name: CHPG10
Based on: CHP_10

Description: This variable groups the location of the respondent’s most recent contact with other medical doctor.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>CHP_10 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>CHP_10 = 99</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>CHP_10 = 1</td>
<td>The most recent contact with the other medical doctor took place at the doctor’s office.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>CHP_10 = 2</td>
<td>The most recent contact with the other medical doctor took place at a hospital emergency room.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>CHP_10 = 3</td>
<td>The most recent contact with the other medical doctor took place at a hospital outpatient clinic.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>CHP_10 = 4</td>
<td>The most recent contact with the other medical doctor took place at a walk-in clinic.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>CHP_10 = 5</td>
<td>The most recent contact with the other medical doctor took place at an appointment clinic.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>CHP_10 = 6</td>
<td>The most recent contact with the other medical doctor took place at a community health centre/CLSC.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>CHP_10 = 7, 8, ou 11</td>
<td>The most recent contact with the other medical doctor took place at work/at school/other.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>CHP_10 = 9</td>
<td>The most recent contact with the other medical doctor took place at home.</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>CHP_10 = 10</td>
<td>The most recent contact with the other medical doctor took place as a telephone consultation only.</td>
<td></td>
</tr>
</tbody>
</table>

7) Number of consultations - nurse - (G)

Variable name: CHPG12
Based on: CHP_12

Description: This variable indicates the number of consultations with a nurse in the past 12 months.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>CHP_12 = DK, R, NS</td>
<td>At least one required question was not answered</td>
<td>NS</td>
</tr>
</tbody>
</table>

November 2013
### 8) Location of most recent contact - nurse - (G)

**Variable name:** CHPG13  
**Based on:** CHP_13  
**Description:** This variable groups the location of the respondent's most recent contact with a nurse.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>CHP_13 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>CHP_13 = 99</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>CHP_13 = 1</td>
<td>The most recent contact with a nurse took place at the doctor's office.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>CHP_13 = 2</td>
<td>The most recent contact with a nurse took place at a hospital emergency room.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>CHP_13 = 3</td>
<td>The most recent contact with a nurse took place at a hospital outpatient clinic.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>CHP_13 = 4</td>
<td>The most recent contact with a nurse took place at a walk-in clinic.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>CHP_13 = 5</td>
<td>The most recent contact with a nurse took place at an appointment clinic.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>CHP_13 = 6</td>
<td>The most recent contact with a nurse took place at a community health centre/CLSC.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>CHP_13 = 7, 8, ou 11</td>
<td>The most recent contact with a nurse took place at work/at school/other.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>CHP_13 = 9</td>
<td>The most recent contact with a nurse took place at home.</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>CHP_13 = 10</td>
<td>The most recent contact with a nurse took place as a telephone consultation only.</td>
<td></td>
</tr>
</tbody>
</table>

### 9) Number of consultations - dentist or orthodontist - (G)

**Variable name:** CHPG15  
**Based on:** CHP_15  
**Description:** This variable indicates the number of consultations with a dentist or orthodontist in the past 12 months.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>CHP_15 = DK, R, NS</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>
## Derived Variable Specifications

<table>
<thead>
<tr>
<th>CHP_15</th>
<th>CHP_15</th>
<th>Number of consultations with a dentist or orthodontist</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>12=CHP_15</td>
<td>Number of consultations with a dentist or orthodontist</td>
</tr>
</tbody>
</table>

### 10 ) Number of Consultations with Medical Doctor/Paediatrician - Grouped

**Variable name:** CHPGMDC  
**Based on:** CHP_04, CHP_09  
**Description:** This variable indicates the number of respondent's consultations, including over the phone, with medical doctor in the last 12 months.  
**Note:** This variable has been grouped according to "less than 31 Consultations" and "31 or more".

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>999</td>
</tr>
<tr>
<td>CHP_04 + CHP_09</td>
</tr>
</tbody>
</table>
Dwelling and household variables (7 DVs)

1) Age - Grouped

Variable name: DHHGAGE
Based on: DHH_AGE
Description: This variable indicates the age of the selected respondent.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12 &lt;= DHH_AGE &lt;= 14</td>
<td>Age between 12 and 14</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>15 &lt;= DHH_AGE &lt;= 17</td>
<td>Age between 15 and 17</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>18 &lt;= DHH_AGE &lt;= 19</td>
<td>Age between 18 and 19</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>20 &lt;= DHH_AGE &lt;= 24</td>
<td>Age between 20 and 24</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>25 &lt;= DHH_AGE &lt;= 29</td>
<td>Age between 25 and 29</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>30 &lt;= DHH_AGE &lt;= 34</td>
<td>Age between 30 and 34</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>35 &lt;= DHH_AGE &lt;= 39</td>
<td>Age between 35 and 39</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>40 &lt;= DHH_AGE &lt;= 44</td>
<td>Age between 40 and 44</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>45 &lt;= DHH_AGE &lt;= 49</td>
<td>Age between 45 and 49</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>50 &lt;= DHH_AGE &lt;= 54</td>
<td>Age between 50 and 54</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>55 &lt;= DHH_AGE &lt;= 59</td>
<td>Age between 55 and 59</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>60 &lt;= DHH_AGE &lt;= 64</td>
<td>Age between 60 and 64</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>65 &lt;= DHH_AGE &lt;= 69</td>
<td>Age between 65 and 69</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>70 &lt;= DHH_AGE &lt;= 74</td>
<td>Age between 70 and 74</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>75 &lt;= DHH_AGE &lt;= 79</td>
<td>Age between 75 and 79</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>DHH_AGE &gt;= 80</td>
<td>Age 80 and older</td>
<td></td>
</tr>
</tbody>
</table>

2) Marital status - Grouped

Variable name: DHHGMS
Based on: DHH_MS
Description: This variable indicates the marital status for the selected respondent.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>DHH_MS = (DK, R, NS)</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>DHH_MS = 1</td>
<td>Married</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>DHH_MS = 2</td>
<td>Common-law</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>DHH_MS = 3, 4, 5</td>
<td>Widowed/Divorced/Separated</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>DHH_MS = 6</td>
<td>Single</td>
<td></td>
</tr>
</tbody>
</table>
### 3) Number of Persons in Household With Less Than 6 Years of Age - Grouped

<table>
<thead>
<tr>
<th>Variable name:</th>
<th>DHGLE5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on:</td>
<td>PERSONID, DHH_AGE</td>
</tr>
<tr>
<td>Description:</td>
<td>This variable indicates the number of people living within the household whose age is less than 6 years old.</td>
</tr>
<tr>
<td>Note:</td>
<td>The variable DHGLE5 is derived by sorting the household roster dataset by SAMPLEID and PERSONID and by counting the number of PERSONIDs that have a DHH_AGE value of 5 and under within each SAMPLEID. DHGLE5 is a regrouping of DHHLDE5.</td>
</tr>
</tbody>
</table>

#### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHHDLE5</td>
<td>Total number of PERSONIDs within each SAMPLEID</td>
<td>DHH_AGE &lt;= 5 (Member file)</td>
<td>Number of persons under 6 in a household (values: 0-40)</td>
</tr>
</tbody>
</table>

#### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>DHHDLE5 = 0</td>
<td>No persons under 6 in the household</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>DHHDLE5 =&gt; 1</td>
<td>One or more persons under 6 in the household</td>
<td></td>
</tr>
</tbody>
</table>

### 4) Number of Persons in Household between 6 to 11 Years of Age - Grouped

<table>
<thead>
<tr>
<th>Variable name:</th>
<th>DHHG611</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on:</td>
<td>PERSONID, DHH_AGE</td>
</tr>
<tr>
<td>Description:</td>
<td>This variable indicates the number of people living within the household who are aged 6 to 11 years old.</td>
</tr>
<tr>
<td>Note:</td>
<td>The variable DHHG611 is derived by sorting the household roster dataset by SAMPLEID and PERSONID and by counting the number of PERSONIDs that have a DHH_AGE value from 6 to 11 within each SAMPLEID.</td>
</tr>
</tbody>
</table>

#### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHHD611</td>
<td>Total number of PERSONIDs within each SAMPLEID</td>
<td>(6 &lt;= DHH_AGE &lt;= 11) (Member file)</td>
<td>Number of persons aged 6 to 11 in a household (min: 1; max: 40)</td>
</tr>
</tbody>
</table>

#### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>DHHG611 = 0</td>
<td>No persons aged 6 to 11 in the household</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>DHHG611 =&gt; 1</td>
<td>One or more persons aged 6 to 11 in the household</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
5) Number of Persons in Household With Less Than 12 Years of Age - Grouped

Variable name: DHHGL12
Based on: PERSONID, DHH_AGE, DHHDL12
Description: This variable indicates the number of people living within the household whose age is less than 12 years old.
Note: The variable DHHDL12 is derived by sorting the household roster dataset by SAMPLEID and PERSONID and by counting the number of PERSONIDs that have a DHH_AGE value less than 12 within each SAMPLEID. DHHGL12 is a regrouping of DHHDL12.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHHDL12</td>
<td>DHH_AGE &lt; 12 (Member file)</td>
<td>Number of persons under 12 in a household</td>
<td>(min: 0; max: 40)</td>
</tr>
</tbody>
</table>

6) Living/Family Arrangement of Selected Respondent - Grouped

Variable name: DHHGLVG
Based on: DHH_REL of selected respondent, DHHDHSZ, DHHDLVG
Description: This variable identifies the family relationships between the selected respondent and the rest of the household.
Note: The necessary data are collected using a set of relationship codes that define a link between each pair of persons in a household. DHHGLVG is a regrouping of DHHDLVG.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHH_REL</td>
<td>F5*, G0*, H0*, Z0</td>
<td>Temporary recodes to collapse relationships - Non-relative</td>
<td>RELATIONSHIP CODES: * All Foster relationships (foster sister/brother, parent, or child) have been recoded into the &quot;Non relative&quot; category due to the temporary nature of the relationships.</td>
</tr>
<tr>
<td>K1</td>
<td>I0, J0, K0, L0</td>
<td>Temporary recodes to collapse relationships - Other relative</td>
<td>RELATIONSHIP CODES:</td>
</tr>
</tbody>
</table>
### Derived Variable Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>Any DHH_REL = Z1</td>
<td>Not stated</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>DHHDHSZ = 1</td>
<td>Unattached individual living alone (Selected respondent lives alone. Household size = 1)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>DHHDHSZ &gt; 1 and (no DHH_REL = X1) and (no DHH_REL = A1) and (no DHH_REL = B1)</td>
<td>Unattached individual living with others (Selected respondent lives with others. He/she cannot have a marital/commonlaw or parental relationship but other relationships such as siblings are allowed)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>DHHDHSZ = 2 and DHH_REL = X1</td>
<td>Spouse/partner living with spouse/partner (Selected respondent lives with spouse/partner only. Household size = 2)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>DHHDHSZ &gt; 2 and one DHH_REL = X1 and all other DHH_REL = A1</td>
<td>Parent living with spouse/partner and children (Selected respondent lives with spouse/partner and one or more children)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>DHHDHSZ &gt; 1 and all DHH_REL = A1</td>
<td>Single parent living with children (Selected respondent lives with one or more children. No other relationships are permitted)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>(DHHDHSZ = 2 and DHH_REL = B1) or (DHHDHSZ &gt; 2 and one DHH_REL = B1 and all other DHH_REL = C1)</td>
<td>Selected respondent is a child living with a single parent with or without siblings</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>(DHHDHSZ = 3 and all DHH_REL = B1) or (DHHDHSZ &gt; 3 and two DHH_REL = B1 and all other DHH_REL = C1)</td>
<td>Selected respondent is a child living with two parents with or without siblings</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Else</td>
<td>Other (Selected respondent lives in a household composition not classified above)</td>
<td></td>
</tr>
</tbody>
</table>

### 7) Household size - Grouped

Variable name: DHHDHSZ

November 2013
**Based on:** SAMPLEID, PERSONID, DHHDHSZ

**Description:** This variable indicates the number of people living within a household.

**Note:** This variable is derived by sorting the household roster dataset by SAMPLEID and PERSONID and by counting the number of PERSONIDs within each SAMPLEID. DHHGHSZ is a grouping of DHHDHSZ.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DHHDHSZ = 1</td>
<td>Exact number of persons living in household</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>DHHDHSZ = 2</td>
<td>Exact number of persons living in household</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>DHHDHSZ = 3</td>
<td>Exact number of persons living in household</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>DHHDHSZ = 4</td>
<td>Exact number of persons living in household</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>DHHDHSZ &gt;= 5</td>
<td>Grouped - 5 or more persons live in the household</td>
<td></td>
</tr>
</tbody>
</table>
Distress (3 DVs)

Both the K10 and K6 scale questions were developed from a pool of 612 questions drawn from existing distress and depression screening scales (Kessler RC, et al, 2002). After eliminating redundant and unclear questions, the remaining questions in the pool were organized to retain items consistent with 15 domains represented in the DSM-III-R diagnoses of major depression and generalized anxiety disorder plus the positive affect domain. These items were eventually reduced to those found in the K6 and K10 through processes involving ratings by an expert advisory panel, and analyses using item response theory of two subsequent pilot surveys. The final K10 and K6 scale questions were generated from the analysis of the telephone pilot survey using factor-analysis (Kessler RC, et al. 2002; http://www.hcp.med.harvard.edu/ncs/k6_scales.php)

The effectiveness of the K6 and K10 measurement scales of non-specific psychological distress were subsequently tested in the Australian National Survey of Mental Health and Well-Being against the criteria for the DSM-IV disorders and both scales performed well (Furukawa TA et al. 2003.)

DSM refers to the Diagnostic and Statistical Manual of Mental Disorders used by the American Psychiatric Association. It is an internationally recognized classification of mental disorders with several versions.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIST10A</td>
<td>DIS_10A &lt;= 5</td>
<td>Rescale and invert the question answers from 1 to 5 to 4 to 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIS_10A &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DIST10B</td>
<td>DIS_10B &lt;= 5</td>
<td>Rescale and invert the question answers from 1 to 5 to 4 to 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIS_10B &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DIST10C</td>
<td>DIS_10C &lt;= 5</td>
<td>Rescale and invert the question answers from 1 to 5 to 4 to 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIS_10C &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DIST10D</td>
<td>DIS_10D &lt;= 5</td>
<td>Rescale and invert the question answers from 1 to 5 to 4 to 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIS_10D &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DIST10E</td>
<td>DIS_10E &lt;= 5</td>
<td>Rescale and invert the question answers from 1 to 5 to 4 to 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIS_10E &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DIST10F</td>
<td>DIS_10F &lt;= 5</td>
<td>Rescale and invert the question answers from 1 to 5 to 4 to 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIS_10F &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
</tbody>
</table>

Notes

Condition(s)

Value

DIST10A

DIS_10A

DIST10B

DIS_10B

DIST10C

DIS_10C

DIST10D

DIS_10D

DIST10E

DIS_10E

DIST10F

DIS_10F

DIST10G

DIS_10G

DIST10H

DIS_10H

DIST10I

DIS_10I

DIST10J

DIS_10J

November 2013
## 1) Distress Scale - K6

**Variable name:** DISK6  
**Based on:** DIS_10B, DIS_10D, DIS_10E, DIS_10H, DIS_10I, DIS_10J  
**Description:** This variable determines the respondent’s level of distress using six questions.  
**Note:** This variable is based on 6 items and is known as the K6. Higher scores indicate more distress.  
**Internet site:** [http://www.hcp.med.harvard.edu/ncs/k6_scales.php](http://www.hcp.med.harvard.edu/ncs/k6_scales.php)

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DODIS = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>99</td>
<td>(DIST10B = DK, R, NS) or (DIST10D = DK, R, NS) or (DIST10E = DK, R, NS) or (DIST10H = DK, R, NS) or (DIST10I = DK, R, NS) or (DIST10J = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

**Specifications**

**Value** | **Condition(s)** | **Description** | **Notes**  
--- | --- | --- | --- |
DIST10B + DIST10D + DIST10E + DIST10H + DIST10I + DIST10J | DIST10B <= 4 and DIST10D <= 4 and DIST10E <= 4 and DIST10H <= 4 and DIST10I <= 4 and DIST10J <= 4 | Score obtained on the distress scale (K6) | (min: 0; max: 24) |

## 2) Chronicity of Distress and Impairment Scale

**Variable name:** DISDCHR  
**Based on:** DIS_10K, DIS_10L, DIS_10M  
**Description:** This variable classifies respondents according to the frequency of their distress feelings in the last month compared with usual.  
**Internet site:** [http://www.hcp.med.harvard.edu/ncs/k6_scales.php](http://www.hcp.med.harvard.edu/ncs/k6_scales.php)

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DODIS = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>99</td>
<td>(DIS_10K = DK, R, NS) or (DIS_10L = DK, R, NS) or (DIS_10M = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

**Specifications**

**Value** | **Condition(s)** | **Description**  
--- | --- | --- |
1 | DIS_10L = 1 | A lot more distress than usual  
2 | DIS_10L = 2 | Somewhat more distress than usual  
3 | DIS_10L = 3 | A little more distress than usual  
4 | DIS_10K = 3 | About the same distress as usual  
5 | DIS_10M = 3 | A little less distress than usual  

**November 2013**
3) Distress Scale - K10

Variable name: DISDDSX  
Based on: DIS_10A, DIS_10B, DIS_10C, DIS_10D, DIS_10E, DIS_10F, DIS_10G, DIS_10H, DIS_10I, DIS_10J  
Description: This variable determines the respondent’s level of distress using ten questions.  
Note: This variable is based on 10 items and is known as the K10. Higher scores indicate more distress.  
Internet site: http://www.hcp.med.harvard.edu/ncs/k6_scales.php

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>DIST10A + DIST10B + DIST10C + DIST10D + DIST10E + DIST10F + DIST10G + DIST10H + DIST10I + DIST10J</td>
</tr>
</tbody>
</table>
## Depression (4 DVs)

The depression module used in CCHS is based on a long form of the Composite International Diagnostic Interview (CIDI) scale, which was developed in the late 1980s/early 1990s. This scale was never fully validated by the CIDI research team and its psychometric properties are therefore not well understood. Statistics Canada is currently exploring strategies to complete such a validation. At this time, Statistics Canada recommends that analysis of data from this module be restricted to examination of depression as a correlate of other health behaviours and characteristics. For now, use of the data as an indicator for the probability of depression or to calculate simple population prevalence is discouraged.

### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPST02</td>
<td>0</td>
<td>DPS_02 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>DPS_02 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td></td>
<td>DPS_02 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DPST05</td>
<td>0</td>
<td>DPS_05 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>DPS_05 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td></td>
<td>DPS_05 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DPST06</td>
<td>0</td>
<td>DPS_06 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>DPS_06 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td></td>
<td>DPS_06 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DPST08A</td>
<td>0</td>
<td>(DPS_07 = 3, 4) or [DPS_07 &gt; 2 or (DPS_08A = DK, R, NS)]</td>
<td>For DPS_07, answers are rescaled so 0 = respondents whose weight stayed the same or were on a diet</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>[DPS_07 &lt;= 2 and (DPS_08A &lt;&gt; DK, R, NS)] and [(DPS_08A &lt;= 9 and DPS_08B = 1) or (DPS_08A &lt;= 4 and DPS_08B = 2)]</td>
<td>For DPS_08A, answers are rescaled so 1 = respondent gained or lost more than 4 kg (9 lbs.) and 0 if less or did not lose/gain weight</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>[DPS_07 &lt;= 2 and (DPS_08A &lt;&gt; DK, R, NS)] and [(DPS_08A &gt; 9 and DPS_08B = 1) or (DPS_08A &gt; 4 and DPS_08B = 2)]</td>
<td>For DPS_08A, answers are rescaled so 1 = respondent gained or lost more than 4 kg (9 lbs.) and 0 if less or did not lose/gain weight</td>
</tr>
<tr>
<td></td>
<td>DPS_08A</td>
<td>Else</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td>DPST10</td>
<td>0</td>
<td>DPS_10 = 3 or DPS_09 = 2</td>
<td>For DPS_10, answers are rescaled so 1 = respondent had trouble falling asleep every night or nearly every night and 0 if less often or not at all</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>DPS_10 = 1, 2</td>
<td>For DPS_10, answers are rescaled so 1 = respondent had trouble falling asleep every night or nearly every night and 0 if less often or not at all</td>
</tr>
<tr>
<td></td>
<td>DPS_10</td>
<td>DPS_10 &gt; 3</td>
<td>Carry through cases of RF, DK, NS</td>
</tr>
<tr>
<td>DPST11</td>
<td>0</td>
<td>DPS_11 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td></td>
<td>DPS_11</td>
<td>DPS_11 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
</tr>
<tr>
<td>DPST12</td>
<td>0</td>
<td>DPS_12 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
</tr>
<tr>
<td>Variable</td>
<td>Condition</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------</td>
<td></td>
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<tr>
<td>DPS_12</td>
<td>DPS_12 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DPS_12 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DPST13</td>
<td>0, DPS_13 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1, DPS_13 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DPS_12 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
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<tr>
<td>DPST16</td>
<td>0, DPS_16 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
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</tr>
<tr>
<td></td>
<td>1, DPS_16 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
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<td></td>
<td>DPS_16 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
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<tr>
<td>DPST19</td>
<td>0, DPS_19 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
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<tr>
<td></td>
<td>1, DPS_19 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DPS_19 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DPST21A</td>
<td>0, (DPS_20 = 3, 4) or [DPS_20 &gt; 2 or (DPS_21A = DK, R, NS)]</td>
<td>For DPS_21, answers are rescaled so 0 = respondents whose weight stayed the same or were on a diet</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0, [DPS_20 &lt;= 2 and (DPS_21A &lt;&gt; DK, R, NS)] and [(DPS_21A &lt;= 9 and DPS_21B = 1) or (DPS_21A &lt;= 4 and DPS_21B = 2)]</td>
<td>For DPS_21, answers are rescaled so 1 = respondent gained or lost more than 4 kg (9 lbs.) and 0 if less or did not lose/gain weight</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1, [DPS_20 &lt;= 2 and (DPS_21A &lt;&gt; DK, R, NS)] and [(DPS_21A &gt; 9 and DPS_21B = 1) or (DPS_21A &gt; 4 and DPS_21B = 2)]</td>
<td>For DPS_21 answers are rescaled so 1 = respondent gained or lost more than 4 kg (9 lbs.) and 0 if less or did not lose/gain weight</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Else</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
<td>DPST23</td>
<td>0, DPS_23 = 3 or DPS_22=2</td>
<td>For DPS_23 answers are rescaled so 1 = respondent had trouble falling asleep every night or nearly every night and 0 if less often or not at all</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1, DPS_23 = 1, 2</td>
<td>For DPS_23 answers are rescaled so 1 = respondent had trouble falling asleep every night or nearly every night and 0 if less often or not at all</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DPS_23 &gt; 3</td>
<td>Carry through cases of RF, DK, NS</td>
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</tr>
<tr>
<td>DPST24</td>
<td>0, DPS_24 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
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<td>1, DPS_24 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DPS_24 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DPST25</td>
<td>0, DPS_25 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1, DPS_25 = 1</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DPS_25 &gt; 2</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>DPST26</td>
<td>0, DPS_26 = 2</td>
<td>Rescale answers needed for calculation so that answers are 1 for yes and 0 for no</td>
<td></td>
</tr>
</tbody>
</table>
Canadian Community Health Survey

DPS_26 = 1
Rescale answers needed for calculation so that answers are 1 for yes and 0 for no

DPS_26 > 2
Carry through cases of RF, DK, NS

1) Derived Depression Scale - Short Form Score

Variable name: DPSDSF
Based on: DPS_02, DPS_05, DPS_06, DPS_08A, DPS_08B, DPS_10, DPS_11, DPS_12, DPS_13, DPS_16, DPS_17, DPS_18, DPS_19, DPS_21A, DPS_21B, DPS_23, DPS_24, DPS_25, DPS_26

Description:
This variable assesses the depression level of respondents who felt depressed or lost interest in things for 2 weeks or more last year. These include normal periods of sadness (for example, after the death of a loved one), as well as "serious" depression.

Note:
The items used to measure depression are based on the work of Kessler and Mroczek (from University of Michigan). They selected a subset of items from the Composite International Diagnostic Interview (CIDI) that measure major depressive episodes (MDE). The CIDI is a structure diagnostic instrument that was designed to produce diagnoses according to the definitions and the criteria of both DSM-III-R and the Diagnostic Criteria for the Research of the ICD-10. The short-form of MDE used in the CCHS was developed to operationalize Criteria A through C of the DSM-III-R diagnosis of MDE. The diagnostic hierarchy rules defined in the Criterion D (not superimposed on schizophrenia, schizophrenia form disorder, delusional disorders, or psychotic disorders NOS) were ignored.

Higher scores indicate higher level of depression.

Internet site:
National Comorbidity Survey: www.hcp.med.harvard.edu/ncs/
Composite International Diagnostic Interview (CIDI): www.who.int/msa/cidi/index.htm

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Value</td>
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<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

November 2013
### 2) Depression Scale - Probability of Caseness to Respondents

**Variable name:** DPSDPP  
**Based on:** DPSDSF

**Description:** This variable calculates from the score obtained on the depression scale, the probability (expressed as a proportion) that the respondent would have been diagnosed as having experienced a major depressive episode in the past 12 months, if they had completed the Long-Form Composite International Diagnostic Interview (CIDI).

**Note:** A probability of caseness of 0 was assigned to respondents who denied the stem questions.

**Internet site:** National Comorbidity Survey: www.hcp.med.harvard.edu/ncs/  
Composite International Diagnostic Interview (CIDI): www.who.int/msa/cidi/index.htm

<table>
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<tr>
<td>0.50</td>
</tr>
<tr>
<td>0.80</td>
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<tr>
<td>0.90</td>
</tr>
</tbody>
</table>

### 3) Number of Weeks Feeling Depressed - 12-Months

**Variable name:** DPSDWK  
**Based on:** DPS_14, DPS_27

**Description:** This variable indicates the number of weeks the respondent felt depressed in the last 12 months.

**Note:** Respondents who did not show any required signs of depression have been excluded from the population.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>96</td>
</tr>
</tbody>
</table>

November 2013
4) Specific Month Last Felt Depressed

Variable name:  
DPSDMT

Based on:  
DPS_14, DPS_15, DPS_27, DPS_28

Description:  
This variable indicates the specific month when the respondent last felt depressed in the last year.

Note:  
The following respondents have been excluded from the population:
1) respondents who did not show any required signs of depression; or
2) respondents who have been depressed for more than 51 weeks in the past year

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADM_PRX = 1</td>
<td>99</td>
<td>(DPS_14 = DK, R, NS) or (DPS_27 = DK, R, NS) or (DPS_08A = DK, R, NS) or (DPS_21A = DK, R, NS)</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>(DPS_14 = DK, R, NS) or (DPS_27 = DK, R, NS) or (DPS_08A = DK, R, NS) or (DPS_21A = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPS_14 &lt; NA</td>
<td>DPS_14 &lt; NA</td>
<td>Number of weeks respondent felt sad, blue or depressed in the last year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPS_27 &lt; NA</td>
<td>DPS_14 &gt;= NA and DPS_27 &lt; NA</td>
<td>Number of weeks respondent lost interest in things in the last year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPS_15 &lt; 52 and DPS_15 &lt; NA</td>
<td>(min : 1; max : 12) Specific month respondent felt sad, blue or depressed for at least 2 weeks in a row</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPS_28 &lt; 52 and DPS_28 &lt; NA</td>
<td>(min : 1; max : 12) Specific month respondent lost interest in things for at least 2 weeks in a row</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Driving and safety (1 DV)

1) Passenger Seat Belt Use (Motor Vehicle)

Variable name: DRVFSBU

Based on: DRV_08A, DRV_08B

Description: This variable indicates whether the respondent always fastens his/her seatbelt when he/she is a front seat or back seat passenger in a car, truck or van.

Note: Those who are never a front-seat and never a rear-set passenger in a car, truck or van are excluded from the population.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DODRV = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>6</td>
<td>DRV_08A = 5 and DRV_08B = 5</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>1</td>
<td>(DRV_08A = 1, 5) and (DRV_08B = 1, 5)</td>
<td>Always fastens seatbelt when a passenger in a private vehicle</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(DRV_08A = 2, 3, 4) or (DRV_08B = 2, 3, 4)</td>
<td>Does not always fasten seat belt when a passenger in a private vehicle</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(DRV_08A = DK, R, NS) or (DRV_08B = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>
1) Full-time student or part-time student - (Grouped)

Variable name: SDCG9
Based on: SDC_9
Description: This variable indicates if the respondent studies full-time or part-time.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>SDC_9 = 6</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>7</td>
<td>SDC_9 = 7</td>
<td>Don't know</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>SDC_9 = 8</td>
<td>Refusal</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>SDC_9 = 9</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>SDC_9 = 1</td>
<td>Full-time student or both full-time and part-time student</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SDC_9 = 2</td>
<td>Part-time student</td>
<td></td>
</tr>
</tbody>
</table>

2) Highest Level of Education - Household, 4 Levels

Variable name: EDUDH04
Based on: EDUDR04 for each member of the household
Description: This variable indicates the highest level of education acquired by any member of the household.
Note: This variable is derived by temporarily creating EDUDR04 for each member of the household (all PERSONID within SAMPLEID). The highest value is then obtained by comparing values of EDUDR04 for all members within the household. If any PERSONID has EDUDR04 of NS (not stated) then NS is returned. If all of EDUDR04 are NA (not applicable) then NA is returned.

3) Highest Level of Education - Respondent, 4 Levels

Variable name: EDUDR04
Based on: EDU_1, EDU_2, EDU_3, EDU_4A
Description: This variable indicates the highest level of education acquired by the respondent.
Note: In 2011, the external name for EDU_Q04 was changed from EDU_4 to EDU_4A due to the addition of two new response categories in the question.
<table>
<thead>
<tr>
<th></th>
<th>Variable Conditions</th>
<th>Education Level Description</th>
<th>Derived Variable Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>$\text{EDU}_2 = 1$ and $\text{EDU}_3 = 2$</td>
<td>Secondary school graduation, no post-secondary education</td>
<td>$\text{EDUDR10} = 4$</td>
</tr>
<tr>
<td>3</td>
<td>$\text{EDU}_3 = 1$ and $\text{EDU}_4A \in (1,2)$</td>
<td>Some post-secondary education</td>
<td>$\text{EDUDR10} = 5$</td>
</tr>
<tr>
<td>4</td>
<td>$\text{EDU}_4A \in (3,4,5,6,7)$</td>
<td>Post-secondary certificate/diploma or university degree</td>
<td>$\text{EDUDR10} = 6,7,8,9,10$</td>
</tr>
<tr>
<td>9</td>
<td>$[(\text{EDU}_1 \in (7,8,9))$ and $\text{EDU}_2 = 2] \text{ or }$</td>
<td>At least one required question was not answered</td>
<td>$\text{NS} \quad (\text{EDUDR10} = 99)$</td>
</tr>
<tr>
<td></td>
<td>$(\text{EDU}_2 \in (7,8,9))$ or $\text{EDU}_2 \in (7,8,9)) \text{ or }$</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$(\text{EDU}_3 \in (7,8,9)) \text{ or }$</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$(\text{EDU}_4A \in (97,98,99)) \text{ or }$</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$(\text{DHH} _\text{AGE} \in (14,15)) \text{ and } \text{PMKPROXY} = 2)$</td>
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</tr>
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</table>
# Exposure to second-hand smoke (1 DV)

1) Number of people who smoke inside home - (G)

<table>
<thead>
<tr>
<th>Variable name:</th>
<th>ETSG11</th>
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</thead>
<tbody>
<tr>
<td>Based on:</td>
<td>ETS_11</td>
</tr>
<tr>
<td>Description:</td>
<td>This variable groups the number of people who smoke inside the home.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
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<tr>
<td>-----------</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
</tr>
</tbody>
</table>
Food choices (3 DVs)

1) Avoids Certain Foods for Certain Content Reasons

Variable name: FDCFAVD

Based on: FDC_3A, FDC_3B, FDC_3C, FDC_3D, FDC_3E

Description: This variable indicates whether the respondent avoids certain foods because of concerns about fat, the type of fat, salt, cholesterol or calorie content.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOFDC = 2</td>
<td>Module not selected</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
</tr>
<tr>
<td>2</td>
<td>FDC_3A = 2 and FDC_3B = 2 and FDC_3C = 2 and FDC_3D = 2 and FDC_3E = 2</td>
<td>Does not avoid certain foods because of concerns about fat, the type of fat, salt, cholesterol and calorie content</td>
</tr>
<tr>
<td>1</td>
<td>FDC_3A = 1 or FDC_3B = 1 or FDC_3C = 1 or FDC_3D = 1 or FDC_3E = 1</td>
<td>Avoids certain foods because of concerns about fat, the type of fat, salt, cholesterol or calorie content</td>
</tr>
<tr>
<td>9</td>
<td>(FDC_3A = DK, R, NS) or (FDC_3B = DK, R, NS) or (FDC_3C = DK, R, NS) or (FDC_3D = DK, R, NS) or (FDC_3E = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
</tr>
</tbody>
</table>

2) Chooses or Avoids Certain Foods Because of Certain Health Concerns

Variable name: FDCFCAH

Based on: FDC_1A, FDC_1B, FDC_1C, FDC_1D

Description: This variable indicates whether the respondent chooses or avoids certain types of foods because of one or more of the following health concerns: body weight, heart disease, cancer, and osteoporosis.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOFDC = 2</td>
<td>Module not selected</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
</tr>
<tr>
<td>2</td>
<td>FDC_1A = 2 and FDC_1B = 2 and FDC_1C = 2 and FDC_1D = 2</td>
<td>Does not choose or avoid certain foods because of health concerns related to body weight, heart disease, cancer, osteoporosis</td>
</tr>
<tr>
<td>1</td>
<td>FDC_1A = 1 or FDC_1B = 1 or FDC_1C = 1 or FDC_1D = 1</td>
<td>Choose or avoids certain foods because of health concerns related to body weight, heart disease, cancer or osteoporosis</td>
</tr>
</tbody>
</table>
### 3) Chooses Certain Foods for Certain Content Reasons

**Variable name:** FDCFCHO  
**Based on:** FDC_2A, FDC_2B, FDC_2C  
**Description:** This variable indicates whether the respondent chooses certain foods because of concerns about fat, fibre, or calcium content.

<table>
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<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOFDC = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>2</td>
<td>FDC_2A = 2 and FDC_2B = 2 and FDC_2C = 2</td>
<td>Does not choose certain foods because of concerns about fat, fibre and calcium content</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>FDC_2A = 1 or FDC_2B = 1 or FDC_2C = 1</td>
<td>Chooses certain foods because of concerns about fat, fibre or calcium content</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(FDC_2A = DK, R, NS) or (FDC_2B = DK, R, NS) or (FDC_2C = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
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November 2013
# Food security (3 DVs)

<table>
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<tr>
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<th>Description</th>
<th>Notes</th>
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<td>DHHDYKD = 0 and DHHDOKD = 0</td>
<td>Set value to 0 to indicate households WITHOUT children (aged less than 18)</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>DHHDYKD &lt;&gt; 0 or DHHDOKD &lt;&gt; 0</td>
<td>Set value to 1 to indicate households WITH children (aged less than 18)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>FSCASUM</strong></td>
<td>Sum of all temporary variables for adults to be used in determining the level of household food insecurity</td>
<td>(Min: 0; Max: 10) Total will range from 0 to 10.</td>
</tr>
<tr>
<td></td>
<td>FSCT020 + FSCT030 + FSCT040 + FSCT080 + FSCT081 + FSCT090 + FSCT100 + FSCT110 + FSCT120 + FSCT121</td>
<td>All</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>FSCCSUM</strong></td>
<td>Sum of all temporary variables for children to be used in determining the level of household food insecurity</td>
<td>(Min: 0; Max: 8) Total will range from 0 to 8.</td>
</tr>
<tr>
<td></td>
<td>FSCT050 + FSCT060 + FSCT070 + FSCT130 + FSCT140 + FSCT141 + FSCT150 + FSCT160</td>
<td>All</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>(FSC_020 = 3) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an &quot;affirmative&quot; response to food security questions. Set the value to 1, if respondent did provide an &quot;affirmative&quot; response. See note above.</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>(FSC_020 in (1, 2)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an &quot;affirmative&quot; response to food security questions. Set the value to 1, if respondent did provide an &quot;affirmative&quot; response. See note above.</td>
<td></td>
</tr>
<tr>
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<td>(FSC_030 = 3) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an &quot;affirmative&quot; response to food security questions. Set the value to 1, if respondent did provide an &quot;affirmative&quot; response. See note above.</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>(FSC_030 in (1,2)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an &quot;affirmative&quot; response to food security questions. Set the value to 1, if respondent did provide an &quot;affirmative&quot; response. See note above.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>(FSC_040 = 3) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an &quot;affirmative&quot; response to food security questions. Set the value to 1, if respondent did provide an &quot;affirmative&quot; response. See note above.</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>(FSC_040 in (1,2)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an &quot;affirmative&quot; response to food security questions. Set the value to 1, if respondent did provide an &quot;affirmative&quot; response. See note above.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>(FSC_050 in (3,6)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an &quot;affirmative&quot; response to food security questions. Set the value to 1, if respondent did provide an &quot;affirmative&quot; response. See note above.</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>(FSC_050 in (1,2)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an &quot;affirmative&quot; response to food security questions. Set the value to 1, if respondent did provide an &quot;affirmative&quot; response. See note above.</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Value 1</th>
<th>Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSCT060</td>
<td>(FSC_060 in (3,6)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(FSC_060 in (1,2)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>1</td>
</tr>
<tr>
<td>FSCT070</td>
<td>(FSC_070 in (3,6)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(FSC_070 in (1,2)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>1</td>
</tr>
<tr>
<td>FSCT080</td>
<td>(FSC_080 in (2,6)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(FSC_080 = 1) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>1</td>
</tr>
<tr>
<td>FSCT081</td>
<td>(FSC_081 in (3,6)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(FSC_081 in (1,2)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>1</td>
</tr>
<tr>
<td>FSCT090</td>
<td>(FSC_090 in (2,6)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(FSC_090 = 1) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>1</td>
</tr>
<tr>
<td>FSCT100</td>
<td>(FSC_100 in (2,6)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(FSC_100 = 1) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>1</td>
</tr>
<tr>
<td>FSCT110</td>
<td>(FSC_110 in (2,6)) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>(FSC_110 = 1) and DOFSC = 1</td>
<td>Set the value to 0 if respondent did not provide an “affirmative” response to food security questions. Set the value to 1, if respondent did provide an “affirmative” response. See note above.</td>
<td>1</td>
</tr>
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</table>
### Derived Variable Specifications

<table>
<thead>
<tr>
<th>Variable</th>
<th>Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSCT121</td>
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<td>(FSC_120 in (2,6)) and DOFSC = 1</td>
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<tr>
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<td>1</td>
<td>(FSC_120 = 1) and DOFSC = 1</td>
</tr>
<tr>
<td>FSCT130</td>
<td>0</td>
<td>(FSC_130 in (2,6)) and DOFSC = 1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>(FSC_130 = 1) and DOFSC = 1</td>
</tr>
<tr>
<td>FSCT140</td>
<td>0</td>
<td>(FSC_140 in (2,6)) and DOFSC = 1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>(FSC_140 = 1) and DOFSC = 1</td>
</tr>
<tr>
<td>FSCT141</td>
<td>0</td>
<td>(FSC_141 in (2,6)) and DOFSC = 1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>(FSC_141 in (1,2)) and DOFSC = 1</td>
</tr>
<tr>
<td>FSCT150</td>
<td>0</td>
<td>(FSC_150 in (2,6)) and DOFSC = 1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>(FSC_150 = 1) and DOFSC = 1</td>
</tr>
<tr>
<td>FSCT160</td>
<td>0</td>
<td>(FSC_160 in (2,6)) and DOFSC = 1</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>(FSC_160 = 1) and DOFSC = 1</td>
</tr>
</tbody>
</table>
### 1) Household Food Security Status - Modified version

**Variable name:** FSCDHFS2  
**Based on:** FSC_020, FSC_030, FSC_040, FSC_050, FSC_060, FSC_070, FSC_080, FSC_081, FSC_090, FSC_100, FSC_110, FSC_120, FSC_121, FSC_130, FSC_140, FSC_141, FSC_150, FSC_160

**Description:** This variable is based on a set of 18 questions and describes the food security situation of the household in the previous 12 months. It captures three kinds of situations:

1. **Food secure:** No, or one, indication of difficulty with income-related food access.
2. **Moderately food insecure:** Indication of compromise in quality and/or quantity of food consumed.
3. **Severely food insecure:** Indication of reduced food intake and disrupted eating patterns.

This variable is based on a set of 18 questions and describes the food security situation of the household in the previous 12 months. It captures three kinds of situations:

1. **Food secure:** No, or one, indication of difficulty with income-related food access.
2. **Moderately food insecure:** Indication of compromise in quality and/or quantity of food consumed.
3. **Severely food insecure:** Indication of reduced food intake and disrupted eating patterns.

This variable is adopted from the Health Canada model of food security status.

**Note:** When using the person weight (WTS_M), this variable reflects the number of people living in the household with food insecurity. When using the household weight (WTS_MHH), this variable reflects the number of households with food insecurity.

Households with children are defined as households with individuals who are either aged 15 or less (DHHDYKD=1), or aged 16 or 17 (DHHDOKD=1) and who are the child, grandchild, child-in-law, niece or nephew of another household member.

In order to determine household food security status, responses to each question are first coded as either "affirmative" or "negative". Some of this coding is obvious because the only response options are "yes" or "no". For questions with less obvious response categories, the procedure for coding is as follows: response categories such as "Often true", "Sometimes true", "Almost every month", "Some months but not every month" are coded as "affirmative" (i.e. coded equal to 1). Response categories such as "Never true", "Only 1 or 2 months" are coded as "negative" (i.e. coded equal to 0).

In 2009, an error in the model was corrected. Please see the Canadian Community Health Survey Errata for more information.


<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOFSC = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>(FSC_020 in (97,98.99)) or (FSC_030 in (97,98.99)) or (FSC_040 in (97,98.99)) or (FSC_050 in (97,98.99)) or (FSC_060 in (97,98.99)) or (FSC_070 in (97,98.99)) or (FSC_080 in (97,98.99)) or (FSC_081 in (97,98.99)) or (FSC_090 in (97,98.99)) or (FSC_100 in (97,98.99)) or (FSC_110 in (97,98.99)) or (FSC_120 in (97,98.99)) or (FSC_121 in (97,98.99)) or (FSC_130 in (97,98.99)) or (FSC_140 in (97,98.99)) or (FSC_141 in (97,98.99)) or (FSC_150 in (97,98.99)) or (FSC_160 in (97,98.99)) or PMKProxy = 2</td>
<td>At least one required question was not answered (don’t know, refusal, not stated) or the person most knowledgeable about the household was not available to answer questions for respondents aged 16 or younger.</td>
<td>NS</td>
</tr>
<tr>
<td>0</td>
<td>(DHHTDKS = 1 and (FSCASUM &gt;=0 and FSCASUM &lt;= 1) and (FSCCSUM &gt;=0 and FSCCSUM &lt;= 1)) or (DHHTDKS = 0 and (FSCASUM &gt;= 0 and FSCASUM &lt;= 1))</td>
<td>Food secure</td>
<td></td>
</tr>
</tbody>
</table>

2) Food Security - Adult Status

Variable name: FSCDAFS2

Based on: FSC_020, FSC_030, FSC_040, FSC_080, FSC_081, FSC_090, FSC_100, FSC_110, FSC_120, FSC_121

Description: This variable is based on a set of 10 adult-referenced questions and describes the food security situation of the adult members of the household. It captures three kinds of situations:

1. Food secure: No, or one, indication of difficulty with income-related food access.
2. Moderately food insecure: indication of compromise in quality and/or quantity of food consumed (2 to 5 affirmative responses).
3. Severely food insecure: indication of reduced food intake and disrupted eating patterns (>= 6 affirmative responses)

This variable is adopted from the Health Canada model of food security status.

Note: This variable does not necessarily reflect the experience of all adult members in the household. When using the person weights (WTS_M), this variable reflects the number of people living in households with food insecurity among the adult members of the household. When using the household weights (WTS_MHH), this variable reflects the number of households with food insecurity among the adult members of the household.

In order to determine household food security status, responses to each question are first coded as either "affirmative" or "negative". Some of this coding is obvious because the only response options are "yes" or "no". For questions with less obvious response categories, the procedure for coding is as follows: response categories such as "Often true", "Sometimes true", "Almost every month", "Some months but not every month" are coded as "affirmative" (i.e. coded equal to 1). Response categories such as "Never true", "Only 1 or 2 months" are coded as "negative" (i.e. coded equal to 0).

This derived variable was introduced in 2010.

Internet site: http://www.hc-sc.gc.ca/fn-an/surveill/nutrition/commun/insecurit/status-situation-eng.php

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>6</td>
</tr>
</tbody>
</table>
### 3) Food Security - Child Status

**Variable name:** FSCDCFS2  
**Based on:** FSC_050, FSC_060, FSC_070, FSC_130, FSC_140, FSC_141, FSC_150, FSC_160  
**Description:** This variable is based on a set of 8 child-referenced questions and describes the food security situation of the child (less than 18 years old) members of the household in the previous 12 months. It captures three kinds of situations:

1. **Food secure:** No, or one, indication of difficulty with income-related food access.  
2. **Moderately food insecure:** indication of compromise in quality and/or quantity of food consumed (2 to 4 affirmative responses).  
3. **Severely food insecure:** indication of reduced food intake and disrupted eating patterns (>= 5 affirmative responses).  

This variable is only defined for households with individuals who are either aged 15 or less (DHHHDYKD=1), or aged 16 or 17 (DHHHDOKD=1) and who are the child, grandchild, child-in-law, niece or nephew of another household member. This variable does not necessarily reflect the experience of all child members in the household. When using the person weights (WTS_M), this variable reflects the number of people living in households with food insecurity among the child members of the household. When using the household weights (WTS_MHH), this variable reflects the number of households with food insecurity among the child members of the household.

In order to determine household food security status, responses to each question are first coded as either "affirmative" or "negative". Some of this coding is obvious because the only response options are "yes" or "no". For questions with less obvious response categories, the procedure for coding is as follows: response categories such as "Often true", "Almost every month", or "Some months but not every month" are coded as "affirmative" (i.e. coded equal to 1). Response categories such as "Never true", "Only 1 or 2 months" are coded as "negative" (i.e. coded equal to 0).

This derived variable was introduced in 2010.


<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>(FSCASUM &gt;= 0 and FSCASUM &lt;= 1)</td>
<td>Food secure</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>(FSCASUM &gt;= 2 and FSCASUM &lt;= 5)</td>
<td>Moderately food secure</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(FSCASUM &gt;= 6 and FSCASUM &lt;= 10)</td>
<td>Severely food insecure</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Expression</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(FSC_050 in (97,98,99)) or (FSC_060 in (97,98,99)) or (FSC_070 in (97,98,99)) or (FSC_130 in (97,98,99)) or (FSC_140 in (97,98,99)) or (FSC_141 in (97,98,99)) or (FSC_150 in (97,98,99)) or (FSC_160 in (97,98,99)) or PMKPROXY = 2</td>
<td>At least one required question was not answered (don’t know, refusal, not stated) or the person most knowledgeable about the household was not available to answer questions for respondents aged 16 or younger.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>DHHTDKS = 1 AND (FSCCSUM &gt;= 0 AND FSCCSUM &lt;= 1)</td>
<td>Food secure</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>DHHTDKS = 1 AND (FSCCSUM &gt;= 2 AND FSCCSUM &lt;= 4)</td>
<td>Moderately food insecure</td>
<td></td>
</tr>
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<td>DHHTDKS = 1 AND (FSCCSUM &gt;= 5 AND FSCCSUM &lt;= 8)</td>
<td>Severely food insecure</td>
<td></td>
</tr>
</tbody>
</table>


November 2013
## 1) Daily Consumption - Fruit Juice

**Variable name:** FVCDJUI  
**Based on:** FVC_1A, FVC_1B, FVC_1C, FVC_1D, FVC_1E  
**Description:** This variable indicates the usual number of times per day the respondent drinks fruit juice.  
**Note:** The CCHS measures the number of times (frequency), not the amount consumed.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>999.9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>999.9</td>
<td>(FVC_1A = DK, R, NS) or (FVC_1B = DK, R, NS) or (FVC_1C = DK, R, NS) or (FVC_1D = DK, R, NS) or (FVC_1E = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

- **FVC_1B**  
  Value: FVC_1A = 1  
  Description: Number of times/day

- **FVC_1C / 7**  
  Value: FVC_1A = 2  
  Description: Number of times/day (reported “times per week”)  
  Notes: (rounded to one decimal place)

- **FVC_1D / 30**  
  Value: FVC_1A = 3  
  Description: Number of times/day (reported “times per month”)  
  Notes: (rounded to one decimal place)

- **FVC_1E / 365**  
  Value: FVC_1A = 4  
  Description: Number of times/day (reported “times per year”)  
  Notes: (rounded to one decimal place)

- **0**  
  Value: FVC_1A = 5  
  Description: Never drinks fruit juice

## 2) Daily Consumption - Other Fruit

**Variable name:** FVCDFRU  
**Based on:** FVC_2A, FVC_2B, FVC_2C, FVC_2D, FVC_2E  
**Description:** This variable indicates the usual number of times per day the respondent consumes fruit, excluding fruit juices.  
**Note:** The CCHS measures the number of times (frequency), not the amount consumed.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>999.9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>999.9</td>
<td>(FVC_2A = DK, R, NS) or (FVC_2B = DK, R, NS) or (FVC_2C = DK, R, NS) or (FVC_2D = DK, R, NS) or (FVC_2E = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

- **FVC_2B**  
  Value: FVC_2A = 1  
  Description: Number of times/day

- **FVC_2C / 7**  
  Value: FVC_2A = 2  
  Description: Number of times/day (reported “times per week”)  
  Notes: (rounded to one decimal place)

- **FVC_2D / 30**  
  Value: FVC_2A = 3  
  Description: Number of times/day (reported “times per month”)  
  Notes: (rounded to one decimal place)

November 2013
### 3) Daily Consumption - Green Salad

**Variable name:** FVCDSAL  
**Based on:** FVC_3A, FVC_3B, FVC_3C, FVC_3D, FVC_3E  
**Description:** This variable indicates the usual number of times per day the respondent consumes green salad.  
**Note:** The CCHS measures the number of times (frequency), not the amount consumed.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>999.9</td>
</tr>
<tr>
<td>999.9</td>
</tr>
<tr>
<td>FVC_3B</td>
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<tr>
<td>FVC_3C / 7</td>
</tr>
<tr>
<td>FVC_3D / 30</td>
</tr>
<tr>
<td>FVC_3E / 365</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

### 4) Daily Consumption - Potatoes

**Variable name:** FVCDPOT  
**Based on:** FVC_4A, FVC_4B, FVC_4C, FVC_4D, FVC_4E  
**Description:** This variable indicates the usual number of times per day the respondent consumes potatoes, excluding French fries, fried potatoes, or potato chips.  
**Note:** The CCHS measures the number of times (frequency), not the amount consumed.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>999.9</td>
</tr>
<tr>
<td>999.9</td>
</tr>
<tr>
<td>FVC_4B</td>
</tr>
</tbody>
</table>
### 5) Daily Consumption - Carrots

**Variable name:** FVCDCAR  
**Based on:** FVC_5A, FVC_5B, FVC_5C, FVC_5D, FVC_5E  
**Description:** This variable indicates the usual number of times per day the respondent consumes carrots.  
**Note:** The CCHS measures the number of times (frequency), not the amount consumed.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>999.9</td>
</tr>
<tr>
<td>999.9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FVC_5B</th>
<th>FVC_5A = 1</th>
<th>Number of times/day</th>
</tr>
</thead>
</table>
| FVC_5C / 7 | FVC_5A = 2 | Number of times/day  
(reported “times per week”)  
(rounded to one decimal place) |
| FVC_5D / 30 | FVC_5A = 3 | Number of times/day  
(reported “times per month”)  
(rounded to one decimal place) |
| FVC_5E / 365 | FVC_5A = 4 | Number of times/day  
(reported “times per year”)  
(rounded to one decimal place) |
| 0 | FVC_5A = 5 | Never eats carrots |

### 6) Daily Consumption - Other Vegetables

**Variable name:** FVCDVEG  
**Based on:** FVC_6A, FVC_6B, FVC_6C, FVC_6D, FVC_6E  
**Description:** This variable indicates the respondent’s usual daily consumption of other vegetables, excluding carrots, potatoes, or salad. Respondents are asked to report in ‘servings’ rather than ‘times’ so that all different fruits or vegetables eaten at the same meal are counted. Servings should not be interpreted as referring to a specific quantity.  
**Note:** In this question, the CCHS measures the number of servings, not the amount consumed.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>999.9</td>
</tr>
</tbody>
</table>
### 7) Daily Consumption - Total Fruit and Vegetable

**Variable name:** FVCDTOT  
**Based on:** FVCDJUI, FVCDFRU, FVCDSAL, FVCDPOT, FVCDCAR, FVCDVEG  
**Description:** This variable indicates the total number of times per day the respondent eats fruits and vegetables.  
**Note:** The CCHS measures the number of times (frequency), not the amount consumed.

#### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>999.9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>999.9</td>
<td>FVCDJUI = NS or FVCDFRU = NS or FVCDPOT = NS or FVDCAR = NS or FVCDVEG = NS</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td></td>
<td>FVCDJUI + (0 &lt;= FVCDJUI &lt;= 20) and FVCDFRU + (0 &lt;= FVCDFRU &lt;= 20) and</td>
<td>Total number of times the respondent eats fruits and vegetables</td>
<td>(min : 0.0; max : 120.0)</td>
</tr>
<tr>
<td></td>
<td>FVCDPOT + (0 &lt;= FVCDPOT &lt;= 20) and FVDCAR + (0 &lt;= FVDCAR &lt;= 20) and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>FVCDVEG (0 &lt;= FVCDVEG &lt;= 20)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 8) Grouping of Daily Consumption - Total Fruit and Vegetable

**Variable name:** FVCGTOT  
**Based on:** FVCDTOT  
**Description:** This variable classifies the respondent based on the total number of times per day he/she eats fruits and vegetables.  
**Note:** The CCHS measures the number of times (frequency), not the amount consumed.

#### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>9</td>
<td>FVCDTOT = NS</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>---</td>
<td>-------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>----</td>
</tr>
<tr>
<td>1</td>
<td>FVCDTOT &lt; 5</td>
<td>Eats fruits and vegetables less than 5 times per day.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5 &lt;= FVCDTOT &lt;= 10</td>
<td>Eats fruits and vegetables between 5 and 10 times per day</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>FVCDTOT &gt; 10</td>
<td>Eats fruits and vegetables more than 10 times per day.</td>
<td></td>
</tr>
</tbody>
</table>
General health (3 DVs)

1) Perceived Health

Variable name: GENDHDI

Based on: GEN_01

Description: This variable indicates the respondent’s health status based on his/her own judgement or his/her proxy. Higher scores indicate positive perceived health status.

Note: Prior to 2007, this variable was named self-rated health.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>(GEN_01 = DK, R, NS)</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>0</td>
<td>GEN_01 = 5</td>
<td>Poor</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>GEN_01 = 4</td>
<td>Fair</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>GEN_01 = 3</td>
<td>Good</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>GEN_01 = 2</td>
<td>Very good</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>GEN_01 = 1</td>
<td>Excellent</td>
<td></td>
</tr>
</tbody>
</table>

2) Perceived Mental Health

Variable name: GENDMHI

Based on: GEN_02B

Description: This variable indicates the respondent’s mental health status based on his/her own judgement. Higher scores indicate positive perceived mental health status.

Note: Prior to 2007, this variable was named self-rated mental health.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>9</td>
<td>(GEN_02B = DK, R, NS)</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>0</td>
<td>GEN_02B = 5</td>
<td>Poor</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>GEN_02B = 4</td>
<td>Fair</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>GEN_02B = 3</td>
<td>Good</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>GEN_02B = 2</td>
<td>Very good</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>GEN_02B = 1</td>
<td>Excellent</td>
<td></td>
</tr>
</tbody>
</table>

3) Satisfaction with life in general - (G)

November 2013
**Variable name:** GENGSWL

**Based on:** GEN_02A2

**Description:** This variable groups the 11-point scale used in GEN_02A2 to rate a respondent's satisfaction with life into 5 categories. The 5 categories were used for GEN_02A prior to 2009.

**Note:** This variable is available for the purpose of comparing data from question GEN_02A2 introduced in 2009 to GEN_02A. Users should be aware that although a good concordance was determined, GEN_02A was based on a 5-point answer category vs. an 11-point scale for the variable GEN_02A2.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Question not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>9</td>
<td>GEN_02A2 in (97,98,99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(GEN_02A2 &gt;= 9 and GEN_02A2 &lt;= 10)</td>
<td>Very Satisfied</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(GEN_02A2 &gt;= 6 and GEN_02A2 &lt;= 8)</td>
<td>Satisfied</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>GEN_02A2 = 5</td>
<td>Neither satisfied nor dissatisfied</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>(GEN_02A2 &gt;= 2 and GEN_02A2 &lt;= 4)</td>
<td>Dissatisfied</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>(GEN_02A2 &gt;= 0 and GEN_02A2 &lt;= 1)</td>
<td>Very Dissatisfied</td>
<td></td>
</tr>
</tbody>
</table>
Geography variables (3 DVs)

The Decembre 2011 Postal Code Conversion File (PCCF) was used in the derivation of the geographic variables. All geographic variables use the geography from the 2006 Census except for GEODDA01 and GEDCMA1, which use the 2001 Census.

1) Province of residence of respondent - (G)

<table>
<thead>
<tr>
<th>Variable name:</th>
<th>GEOGPRV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on:</td>
<td>GEO_PRV</td>
</tr>
<tr>
<td>Description:</td>
<td>This is the respondent's province of residence.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO_PRV</td>
<td>GEO_PRV&lt;=59</td>
<td>Province of residence of respondent.</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>60=&lt;GEO_PRV=&lt;62</td>
<td>Yukon/Northwest/Nunavut Territories</td>
<td></td>
</tr>
</tbody>
</table>

2) Health region - Grouped

<table>
<thead>
<tr>
<th>Variable name:</th>
<th>GEODPMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on:</td>
<td>GEODHR4</td>
</tr>
<tr>
<td>Description:</td>
<td>This variable is a 5-digit number that identifies the sub-provincial health areas. It is based on the 4-digit health regions specified by the Provincial Ministries of Health. This reconstruction is as follows: - positions 1-2 (first two positions of GEODHR4); - position 3 (value of &quot;9&quot;); - positions 4-5 (3rd, 4th position of GEODHR4).</td>
</tr>
<tr>
<td>Note:</td>
<td>The variable GEODHR4 is the health region based on GEODPC (postal code) and is derived using the information available on the survey frame at the time of sampling and the geographic information provided by the respondent. GEODHR4 and GEODPC are not included in the Public Use Microdata File.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>10913</td>
<td>GEODHR4 in (1013, 1014)</td>
<td>Group: Western Regional Integrated Health Authority Labrador-Grenfell Integrated Health Authority</td>
<td></td>
</tr>
<tr>
<td>11901</td>
<td>GEODHR4 in (1101, 1102, 1103)</td>
<td>Group: Prince Health Region Kings Health Region Queens Health Region</td>
<td></td>
</tr>
<tr>
<td>13904</td>
<td>GEODHR4 in (1304, 1305)</td>
<td>Group: Zone 4 Zone 5</td>
<td></td>
</tr>
<tr>
<td>13906</td>
<td>GEODHR4 in (1306, 1307)</td>
<td>Group: Zone 6 Zone 7</td>
<td></td>
</tr>
<tr>
<td>35939</td>
<td>GEODHR4 in (3539, 3554)</td>
<td>Group: Huron County Health Unit Perth District Health Unit</td>
<td></td>
</tr>
<tr>
<td>35947</td>
<td>GEODHR4 in (3547, 3563)</td>
<td>Group: North Bay Parry Sound District Health Unit Timiskaming Health Unit</td>
<td></td>
</tr>
</tbody>
</table>
Canadian Community Health Survey  Derived Variable Specifications

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>46901</td>
<td>GEODHR4 in (4610, 4690)</td>
<td>Group: Winnipeg Regional Health Authority, Churchill Regional Health Authority</td>
<td>New grouping for 2011-2012 PUMF</td>
</tr>
<tr>
<td>46902</td>
<td>GEODHR4 in (4615, 4645, 4660)</td>
<td>Group: Brandon Regional Health Authority, Assiniboine Regional Health Authority, Parkland Regional Health Authority</td>
<td>New grouping for 2011-2012 PUMF</td>
</tr>
<tr>
<td>46903</td>
<td>GEODHR4 in (4620, 4630)</td>
<td>Group: North Eastman Regional Health Authority, Interlake Regional Health Authority</td>
<td>New grouping for 2011-2012 PUMF</td>
</tr>
<tr>
<td>46904</td>
<td>GEODHR4 in (4670, 4680)</td>
<td>Group: Norman Regional Health Authority, Burntwood Regional Health Authority</td>
<td>New grouping for 2011-2012 PUMF</td>
</tr>
<tr>
<td>46905</td>
<td>GEODHR4 in (4625, 4640)</td>
<td>Group: South Eastman Regional Health Authority, Central Regional Health Authority</td>
<td>New grouping for 2011-2012 PUMF</td>
</tr>
<tr>
<td>47901</td>
<td>GEODHR4 in (4701, 4702, 4703)</td>
<td>Group: Sun Country Regional Health Authority, Five Hills Regional Health Authority, Cypress Regional Health Authority</td>
<td></td>
</tr>
<tr>
<td>47905</td>
<td>GEODHR4 in (4705, 4708)</td>
<td>Group: Sunrise Regional Health Authority, Kelsey trail Regional Health Authority</td>
<td></td>
</tr>
<tr>
<td>47907</td>
<td>GEODHR4 in (4707, 4710)</td>
<td>Group: Heartland Regional Health Authority, Prairie North Regional Health Authority</td>
<td></td>
</tr>
<tr>
<td>47909</td>
<td>GEODHR4 in (4709, 4714)</td>
<td>Group: Prince Albert Parkland Regional Health Authority, Mamawetan Churchill River RHA/Keewatin Yatthé RHA/Athabasca Health Authority</td>
<td></td>
</tr>
<tr>
<td>60901</td>
<td>GEODHR4 in (6001, 6101, 6201)</td>
<td>Group: Yukon, Northwest Territories, Nunavut</td>
<td></td>
</tr>
</tbody>
</table>

### 3) Health Authority - British Columbia

<table>
<thead>
<tr>
<th>Variable name:</th>
<th>GEODBCHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on:</td>
<td>GEODPC</td>
</tr>
<tr>
<td>Description:</td>
<td>This variable is a 4-digit number that identifies the 5 Health Authorities for British Columbia. It is equal to 9996 (for not applicable) anywhere else. This variable is derived using the information available on the survey frame at the time of sampling and the geographic information provided by the respondent. As of 2009, this variable is based on the geography from the 2006 Census.</td>
</tr>
</tbody>
</table>

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46
The Health Utilities Index (HUI) is a multi-attribute health status classification system for measuring generic health status and health-related quality of life. The version used by CCHS is the HUI Mark 3 (HUI3), developed in Canada at McMaster University by Health Utilities Inc. The HUI3 allows the calculation of a generic health status index based on attributes found in two different CCHS modules - Health utilities index - Pain and discomfort (HUP) and the Health utilities index (HUI). HUIDHSI can only be calculated when both HUP and HUI are collected in a given cycle. For more information see "Feeny D, Furlong W, Torrance GW et al. Multi-attribute and single-attribute utility functions for the Health Utilities Index Mark 3 system. Med Care 2002; 40: 113-128."

1) Pain Health Status

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HUP_01 = 1 and HUP_03 = 6</td>
<td>No pain or discomfort</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>HUP_01 = 2 and HUP_03 = 1</td>
<td>Pain - does not prevent activity</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>HUP_01 = 2 and HUP_03 = 2</td>
<td>Pain prevents a few activities</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>HUP_01 = 2 and HUP_03 = 3</td>
<td>Pain prevents some activities</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>HUP_01 = 2 and HUP_03 = 4</td>
<td>Pain prevents most activities</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(HUP_01 = DK, R, NS) or (HUP_03 = DK, R, NS)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>
Height and weight - Self-reported (5 DVs)

1) Height (Metres) - Self-Reported - Grouped

Variable name: HWTGHTM
Based on: HWT_2, HWT_2C, HWT_2D, HWT_2E, HWT_2F
Description: This variable indicates the height of the respondent in metres.

Note: For example, an individual who is 5 feet and 8 inches will have a height of 1.727 metres. The 1.727 is the midpoint of the range (1.715-1.739) around the height 5 feet and 8 inches. The range values were calculated as follows for an individual who is 5'8".

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.999</td>
<td>(HWT_2 = DK, R, NS) or (HWT_2C = DK, R, NS) or (HWT_2D = DK, R, NS) or (HWT_2E = DK, R, NS) or (HWT_2F = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>0.914</td>
<td>HWT_2 = 3 and HWT_2C = 0</td>
<td>0.926 metres or shorter</td>
<td></td>
</tr>
<tr>
<td>0.940</td>
<td>HWT_2 = 3 and HWT_2C = 1</td>
<td>0.927 to 0.952 metres</td>
<td></td>
</tr>
<tr>
<td>0.965</td>
<td>HWT_2 = 3 and HWT_2C = 2</td>
<td>0.953 to 0.977 metres</td>
<td></td>
</tr>
<tr>
<td>0.991</td>
<td>HWT_2 = 3 and HWT_2C = 3</td>
<td>0.978 to 1.002 metres</td>
<td></td>
</tr>
<tr>
<td>1.016</td>
<td>HWT_2 = 3 and HWT_2C = 4</td>
<td>1.003 to 1.028 metres</td>
<td></td>
</tr>
<tr>
<td>1.041</td>
<td>HWT_2 = 3 and HWT_2C = 5</td>
<td>1.029 to 1.053 metres</td>
<td></td>
</tr>
<tr>
<td>1.067</td>
<td>HWT_2 = 3 and HWT_2C = 6</td>
<td>1.054 to 1.079 metres</td>
<td></td>
</tr>
<tr>
<td>1.092</td>
<td>HWT_2 = 3 and HWT_2C = 7</td>
<td>1.080 to 1.104 metres</td>
<td></td>
</tr>
<tr>
<td>1.118</td>
<td>HWT_2 = 3 and HWT_2C = 8</td>
<td>1.105 to 1.129 metres</td>
<td></td>
</tr>
<tr>
<td>1.143</td>
<td>HWT_2 = 3 and HWT_2C = 9</td>
<td>1.130 to 1.155 metres</td>
<td></td>
</tr>
<tr>
<td>1.168</td>
<td>HWT_2 = 3 and HWT_2C = 10</td>
<td>1.156 to 1.180 metres</td>
<td></td>
</tr>
<tr>
<td>1.194</td>
<td>HWT_2 = 3 and HWT_2C = 11</td>
<td>1.181 to 1.206 metres</td>
<td></td>
</tr>
<tr>
<td>1.219</td>
<td>HWT_2 = 4 and HWT_2D = 0</td>
<td>1.207 to 1.231 metres</td>
<td></td>
</tr>
<tr>
<td>1.245</td>
<td>HWT_2 = 4 and HWT_2D = 1</td>
<td>1.232 to 1.256 metres</td>
<td></td>
</tr>
<tr>
<td>1.270</td>
<td>HWT_2 = 4 and HWT_2D = 2</td>
<td>1.257 to 1.282 metres</td>
<td></td>
</tr>
<tr>
<td>1.295</td>
<td>HWT_2 = 4 and HWT_2D = 3</td>
<td>1.283 to 1.307 metres</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
<p>| 1.321 | HWT_2 = 4 and HWT_2D = 4 | 1.308 to 1.333 metres |
| 1.346 | HWT_2 = 4 and HWT_2D = 5 | 1.334 to 1.358 metres |
| 1.372 | HWT_2 = 4 and HWT_2D = 6 | 1.359 to 1.383 metres |
| 1.397 | HWT_2 = 4 and HWT_2D = 7 | 1.384 to 1.409 metres |
| 1.422 | HWT_2 = 4 and HWT_2D = 8 | 1.410 to 1.434 metres |
| 1.448 | HWT_2 = 4 and HWT_2D = 9 | 1.435 to 1.460 metres |
| 1.473 | HWT_2 = 4 and HWT_2D = 10 | 1.461 to 1.485 metres |
| 1.499 | HWT_2 = 4 and HWT_2D = 11 | 1.486 to 1.510 metres |
| 1.524 | HWT_2 = 5 and HWT_2E = 0 | 1.511 to 1.536 metres |
| 1.549 | HWT_2 = 5 and HWT_2E = 1 | 1.537 to 1.561 metres |
| 1.575 | HWT_2 = 5 and HWT_2E = 2 | 1.562 to 1.587 metres |
| 1.600 | HWT_2 = 5 and HWT_2E = 3 | 1.588 to 1.612 metres |
| 1.626 | HWT_2 = 5 and HWT_2E = 4 | 1.613 to 1.637 metres |
| 1.651 | HWT_2 = 5 and HWT_2E = 5 | 1.638 to 1.663 metres |
| 1.676 | HWT_2 = 5 and HWT_2E = 6 | 1.664 to 1.688 metres |
| 1.702 | HWT_2 = 5 and HWT_2E = 7 | 1.689 to 1.714 metres |
| 1.727 | HWT_2 = 5 and HWT_2E = 8 | 1.715 to 1.739 metres |
| 1.753 | HWT_2 = 5 and HWT_2E = 9 | 1.740 to 1.764 metres |
| 1.778 | HWT_2 = 5 and HWT_2E = 10 | 1.765 to 1.790 metres |
| 1.803 | HWT_2 = 5 and HWT_2E = 11 | 1.791 to 1.815 metres |
| 1.829 | HWT_2 = 6 and HWT_2F = 0 | 1.816 to 1.841 metres |
| 1.854 | HWT_2 = 6 and HWT_2F = 1 | 1.842 to 1.866 metres |
| 1.880 | HWT_2 = 6 and HWT_2F = 2 | 1.867 to 1.891 metres |
| 1.905 | HWT_2 = 6 and HWT_2F = 3 | 1.892 to 1.917 metres |
| 1.930 | HWT_2 = 6 and HWT_2F = 4 | 1.918 to 1.942 metres |
| 1.956 | HWT_2 = 6 and HWT_2F = 5 | 1.943 to 1.968 metres |</p>
<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.981</td>
<td>HWT_2 = 6 and HWT_2F = 6</td>
<td>1.969 to 1.993 metres</td>
<td></td>
</tr>
<tr>
<td>2.007</td>
<td>HWT_2 = 6 and HWT_2F = 7</td>
<td>1.994 to 2.018 metres</td>
<td></td>
</tr>
<tr>
<td>2.032</td>
<td>HWT_2 = 6 and HWT_2F = 8</td>
<td>2.019 to 2.044 metres</td>
<td></td>
</tr>
<tr>
<td>2.057</td>
<td>HWT_2 = 6 and HWT_2F = 9</td>
<td>2.045 to 2.069 metres</td>
<td></td>
</tr>
<tr>
<td>2.083</td>
<td>HWT_2 = 6 and HWT_2F = 10</td>
<td>2.070 to 2.095 metres</td>
<td></td>
</tr>
<tr>
<td>2.108</td>
<td>HWT_2 = 6 and HWT_2F = 11</td>
<td>2.096 to 2.120 metres</td>
<td></td>
</tr>
<tr>
<td>2.134</td>
<td>HWT_2 = 7</td>
<td>2.121 metres or taller</td>
<td></td>
</tr>
</tbody>
</table>

### 2) Weight (kilograms - grouped)

**Variable name:** HWTGWTK  
**Based on:** HWT_3, HWT_N4  
**Description:** The following variable describes the weight of the respondent in kilograms.  
**Note:** Some values have been grouped as specified below.

#### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
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<tbody>
<tr>
<td>HWT_A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HWTA_Q3 x .45</td>
<td>HW_N4 = 1</td>
<td>Weight is in pounds, convert to kilograms</td>
</tr>
<tr>
<td>HWTA_Q3</td>
<td>HW_N4 = 2</td>
<td>Weight already in kilograms</td>
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</table>

#### Specifications

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<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS</td>
<td>(HWT_3 = DK, R or NS)</td>
<td>Respondent did not answer (don't know, refusal, not stated)</td>
<td></td>
</tr>
<tr>
<td>999.99</td>
<td>(HWT_3 = DK, R, NS)</td>
<td>Required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>27</td>
<td>DHH_SEX = 1 and DHH_AGE =&gt; 12 and DHH_AGE &lt;=14 and HWTDWTK &lt;= 27</td>
<td>Male 12-14 &lt;= 27</td>
<td></td>
</tr>
<tr>
<td>HWT_3</td>
<td>HW_N4 = 2</td>
<td>Weight in Kg.</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>DHH_SEX = 2 and DHH_AGE =&gt; 12 and DHH_AGE &lt;=14 and HWTDWTK &lt;= 29</td>
<td>Female 12-14 &lt;= 29</td>
<td></td>
</tr>
<tr>
<td>HWT_3 x .45</td>
<td>HW_N4 = 1</td>
<td>Weight in Kg., converted from Lbs.</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>DHH_SEX = 2 and DHH_AGE =&gt; 15 and HWTDWTK &lt;= 40</td>
<td>Female &gt;15 &lt;= 40</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>DHH_SEX = 1 and DHH_AGE =&gt; 15 and DHH_AGE &lt;=19 and HWTDWTK &lt;= 41</td>
<td>Male 15-19 &lt;= 41</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>DHH_SEX = 1 and DHH_AGE =&gt; 20 and HWTDWTK &lt;= 50</td>
<td>Male &gt;=20 &lt;=50</td>
<td></td>
</tr>
</tbody>
</table>
3) Body mass index - grouped

Variable name: HWTGBMI
Based on: HWTGHTM, HWTDWTK
Description: The body mass index (BMI) is calculated for persons 20 to 64 years old, excluding pregnant women. BMI values have been regrouped to a minimum of 14 and a maximum of 58.

Note: BMI = WEIGHT (KG) / SQUARED HEIGHT (METRES)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>DHH_AGE &lt; 20 or &gt; 64</td>
<td>Respondent less than 20 or more than 64 years old</td>
<td></td>
</tr>
<tr>
<td>NA</td>
<td>MAM_037 = 1</td>
<td>Respondent is pregnant</td>
<td></td>
</tr>
<tr>
<td>NS</td>
<td>(HWTDHTM = NS) or HWTGWTK = NS</td>
<td>Height and/or weight was not given</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(HWTDHTM &gt;= .914 and &lt;= 2.108) and (HWTDWTK &gt; 0 and &lt;= 260)</td>
<td>BMI calculated from height and weight values</td>
<td>(Rounded to one decimal place) Min: 14; Max: 58</td>
</tr>
</tbody>
</table>

4) BMI classification for adults aged 18 and over (self reported) - international standard - grouped

Variable name: HWTGISW
Based on: HWTDBMI, DDH_AGE
Description: This variable assigns adult respondents aged 18 and over (except pregnant women) to one of the following categories, according to their Body Mass Index (BMI): underweight; acceptable weight; overweight; obese class I; obese class II; and, obese class III.

Note: According to Health Canada, this BMI classification system can be used as a screening tool to identify weight-related health risks at the population and individual levels. The following health risks are associated with each of the BMI categories for adult


<table>
<thead>
<tr>
<th>Specification</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DHH_AGE &lt; 18 or MAM_037 = 1</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
</tbody>
</table>
Canadian Community Health Survey

Derived Variable Specifications

99  HWTDBMI = NS or MAM_037 = DK, R, NS  At least one required question was not answered (don’t know, refusal, not stated)  NS

1  HWTDBMI < 18.50  Underweight

2  (18.50 <= HWTDBMI <= 24.99)  Normal weight

3  (25.00 <= HWTDBMI <= 29.99)  Overweight

4  30.00 <= HWTDBMI  Obese - Class I, II, III

Reference: For more detailed information see Canadian Guidelines for Body Weight Classification in Adults, Health Canada, 2003

5 ) BMI classification for children aged 12 to 17 (self-reported) - Cole classification system

Variable name:  HWTDCOL

Based on:  HWTDBMI, DHH_SEX, DHHYOB, DHHMOB, DHHDOB, ADM_YOI, ADM_MOI, ADM_DOI

Description:
This variable classifies children aged 12 to 17 (except female respondents aged 15 to 17 who were pregnant or did not answer the pregnancy question) as "obese", "overweight" or "neither obese nor overweight" according to the age-and-sex-specific BMI cut-off points as defined by Cole et al. The Cole cut-off points are based on pooled international data (Brazil, Great Britain, Hong Kong, Netherlands, Singapore, and United States) for BMI and linked to the widely internationally accepted adult BMI cut-off points of 25 (overweight) and 30 (obese).

Note:
Respondents who do not fall within the categories of "Obese" or "Overweight" (as defined by Cole et al.) have been classified by CCHS as "neither obese nor overweight".

This variable excludes respondents who are 18 years old or over (216 months).

Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGET1</td>
<td>DHH_AGM / 12</td>
<td>DHH_AGM &lt; 9996</td>
<td>Convert respondent’s &quot;age in months&quot; to &quot;age in years&quot;</td>
</tr>
<tr>
<td>DHH_AGM</td>
<td>9999</td>
<td>(DHH_DOB = DK, R, NS) or (DHH_MOB = DK, R or NS) or (DHH_YOB = DK, R or NS)</td>
<td>A valid day of birth or month of birth or year of birth is not available for the respondent.</td>
</tr>
</tbody>
</table>

Age in months

Interview date converted in months (ADM_YOI, ADM_MOI and ADM_DOI) - Date of birth converted in months (DHH_YOB, DHH_MOB and DHH_DOB)

Create respondent’s age in months at time of the interview | (min:144; max:1224) |

Specifications

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<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
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<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>MAM_037 = 1 or (17 &lt; DHH_AGE or DHH_AGE &lt; 12) or (DHH_AGM &gt;= 216 and DHH_AGM &lt; 9999)</td>
<td>Population exclusion</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>HWTDBMI = NS or (MAM_037 = DK, R, NS) or DHH_AGM = NS</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>
3

(AGET1 = 12 and
  DHH SEX = 1 and
  HWTDBMI >= 26.02) or
(AGET1 = 12 and
  DHH SEX = 2 and
  HWTDBMI >= 26.67) or
(AGET1 = 12.5 and
  DHH SEX = 1 and
  HWTDBMI >= 26.43) or
(AGET1 = 12.5 and
  DHH SEX = 2 and
  HWTDBMI >= 27.24) or
(AGET1 = 13 and
  DHH SEX = 1 and
  HWTDBMI >= 26.84) or
(AGET1 = 13 and
  DHH SEX = 2 and
  HWTDBMI >= 27.76) or
(AGET1 = 13.5 and
  DHH SEX = 1 and
  HWTDBMI >= 27.25) or
(AGET1 = 13.5 and
  DHH SEX = 2 and
  HWTDBMI >= 28.20) or
(AGET1 = 14 and
  DHH SEX = 1 and
  HWTDBMI >= 27.63) or
(AGET1 = 14 and
  DHH SEX = 2 and
  HWTDBMI >= 28.57) or
(AGET1 = 14.5 and
  DHH SEX = 1 and
  HWTDBMI >= 27.98) or
(AGET1 = 14.5 and
  DHH SEX = 2 and
  HWTDBMI >= 28.87) or
(AGET1 = 15 and
  DHH SEX = 1 and
  HWTDBMI >= 28.30) or
(AGET1 = 15 and
  DHH SEX = 2 and
  HWTDBMI >= 29.11) or
(AGET1 = 15.5 and
  DHH SEX = 1 and
  HWTDBMI >= 28.60) or
(AGET1 = 15.5 and
  DHH SEX = 2 and
  HWTDBMI >= 29.29) or
(AGET1 = 16 and
  DHH SEX = 1 and
  HWTDBMI >= 28.88) or
(AGET1 = 16 and
  DHH SEX = 2 and
  HWTDBMI >= 29.43) or
(AGET1 = 16.5 and
  DHH SEX = 1 and
  HWTDBMI >= 29.14) or
(AGET1 = 16.5 and
  DHH SEX = 2 and
  HWTDBMI >= 29.56) or
(AGET1 = 17 and
  DHH SEX = 1 and
  HWTDBMI >= 29.41) or
(AGET1 = 17 and
  DHH SEX = 2 and
  HWTDBMI >= 29.69) or
(AGET1 = 17.5 and
  DHH SEX = 1 and
  HWTDBMI >= 29.70) or
(AGET1 = 17.5 and
  DHH SEX = 2 and
  HWTDBMI >= 29.84) or
(AGET1 = 18 and

Obese
<table>
<thead>
<tr>
<th>Derived Variable Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHH_SEX = 1 and 999.96 &gt; HWTDBMI &gt;= 30.00) or (AGET1 = 18 and DHH_SEX = 2 and 999.96 &gt; HWTDBMI &gt;= 30.00)</td>
</tr>
</tbody>
</table>
(AGET1 = 12 and DHH_SEX = 1 and (21.22 <= HWTDBMI < 26.02)) or (AGET1 = 12 and DHH_SEX = 2 and (21.68 <= HWTDBMI < 26.67)) or (AGET1 = 12.5 and DHH_SEX = 1 and (21.56 <= HWTDBMI < 26.43)) or (AGET1 = 12.5 and DHH_SEX = 2 and (22.14 <= HWTDBMI < 27.24)) or (AGET1 = 13 and DHH_SEX = 1 and (21.91 <= HWTDBMI < 26.84)) or (AGET1 = 13 and DHH_SEX = 2 and (22.58 <= HWTDBMI < 27.76)) or (AGET1 = 13.5 and DHH_SEX = 1 and (22.27 <= HWTDBMI < 27.25)) or (AGET1 = 13.5 and DHH_SEX = 2 and (22.98 <= HWTDBMI < 28.20)) or (AGET1 = 14 and DHH_SEX = 1 and (22.62 <= HWTDBMI < 27.63)) or (AGET1 = 14 and DHH_SEX = 2 and (23.34 <= HWTDBMI < 28.57)) or (AGET1 = 14.5 and DHH_SEX = 1 and (22.96 <= HWTDBMI < 27.98)) or (AGET1 = 14.5 and DHH_SEX = 2 and (23.66 <= HWTDBMI < 28.87)) or (AGET1 = 15 and DHH_SEX = 1 and (23.29 <= HWTDBMI < 28.30)) or (AGET1 = 15 and DHH_SEX = 2 and (23.90 <= HWTDBMI < 28.88)) or (AGET1 = 15.5 and DHH_SEX = 1 and (23.94 <= HWTDBMI < 29.11)) or (AGET1 = 15.5 and DHH_SEX = 2 and (24.17 <= HWTDBMI < 29.29)) or (AGET1 = 16 and DHH_SEX = 1 and (24.37 <= HWTDBMI < 29.43)) or (AGET1 = 16 and DHH_SEX = 2 and (24.46 <= HWTDBMI < 29.41)) or (AGET1 = 16.5 and DHH_SEX = 1 and (24.70 <= HWTDBMI < 29.69)) or (AGET1 = 16.5 and DHH_SEX = 2 and (24.73 <= HWTDBMI < 29.70)) or (AGET1 = 17 and DHH_SEX = 1 and (24.85 <= HWTDBMI < 29.84)) or (AGET1 = 18 and Overweight

November 2013

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Neither overweight nor obese</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Else</td>
<td></td>
</tr>
</tbody>
</table>

DHH_SEX = 1 and (25.00 <= HWTDBMI < 30.00)) or (AGET1 = 18 and DHH_SEX = 2 and (25.00 <= HWTDBMI < 30.00))
Illicit drug use (9 DVs)

This module assesses use of various illicit drugs and drug interference. The questions for drug use are based on Canada's Alcohol and Other Drugs Survey (1994). Interference in daily activities and responsibilities is assessed.

1) Cannabis Drug Use - Lifetime (Including "One Time Only" Use)

Variable name: IDGFLCA  
Based on: IDG_01  
Description: This variable indicates whether respondents have ever used marijuana, cannabis or hashish.  
Source: Canada's Alcohol and Other Drugs Survey (1994)

<table>
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</tr>
</thead>
<tbody>
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<td><strong>Value</strong></td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

2) Cannabis Drug Use - Lifetime (Excluding "One Time Only" Use)

Variable name: IDGFLCM  
Based on: IDG_01  
Description: This variable indicates whether respondents have used marijuana, cannabis or hashish more than once.  
Source: Canada's Alcohol and Other Drugs Survey (1994)

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
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<tr>
<td>6</td>
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<tr>
<td>9</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

3) Cannabis Drug Use - 12 month (Excluding "One Time Only" Use)

Variable name: IDGFYCM  
Based on: IDG_01, IDG_02  
Description: This variable indicates whether respondents have used marijuana, cannabis or hashish in the past year, excluding one time use in lifetime.  

November 2013
### Source:
Canada's Alcohol and Other Drugs Survey (1994)

#### Any Illicit Drug Use - Lifetime (Including "One Time Only" Use of Cannabis)

**Variable name:** IDGFLA  
**Based on:** IDGFLCA, IDGFLCO, IDGFLAM, IDGFLEX, IDGFLHA, IDGFLGL, IDGFLHE, IDGFLST  
**Description:** This variable indicates whether respondents have ever used any of the drugs listed. Includes one time use of cannabis.

**Source:** Canada's Alcohol and Other Drugs Survey (1994)

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
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<td>DOIDG = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
</tbody>
</table>
| 1     | IDGFLCA = 1 or  
IDGFLCO = 1 or  
IDGFLAM = 1 or  
IDGFLEX = 1 or  
IDGFLHA = 1 or  
IDGFLGL = 1 or  
IDGFLHE = 1 or  
IDGFLST = 1 | Has used at least 1 of 8 drugs if lifetime, including "one time only" use of cannabis |       |
| 2     | IDGFLCA = 2 and  
IDGFLCO = 2 and  
IDGFLAM = 2 and  
IDGFLEX = 2 and  
IDGFLHA = 2 and  
IDGFLGL = 2 and  
IDGFLHE = 2 and  
IDGFLST = 2 | Has never used drugs listed |       |
| 9     | IDGFLCA = NS or  
IDGFLCO = NS or  
IDGFLAM = NS or  
IDGFLEX = NS or  
IDGFLHA = NS or  
IDGFLGL = NS or  
IDGFLHE = NS or  
IDGFLST = NS | At least one required question was not answered (don’t know, refusal, not stated) | NS    |
5) Any Illicit Drug Use - Lifetime (Excluding "One Time Only" Use of Cannabis)

Variable name: IDGFLAC
Based on: IDGFLCM, IDGFLCO, IDGFLAM, IDGFLEX, IDGFLHA, IDGFLGL, IDGFLE, IDGFLST
Description: This variable indicates whether respondents have ever used any of the drugs listed. Excludes one time use of cannabis.
Source: Canada’s Alcohol and Other Drugs Survey (1994)

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOIDG = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>IDGFLCM = 1 or IDGFLCO = 1 or IDGFLAM = 1 or IDGFLEX = 1 or IDGFLHA = 1 or IDGFLGL = 1 or IDGFLE = 1 or IDGFLST = 1</td>
<td>Has used at least 1 of 8 drugs, excluding &quot;one time only&quot; use of cannabis</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>IDGFLCM = 2 and IDGFLCO = 2 and IDGFLAM = 2 and IDGFLEX = 2 and IDGFLHA = 2 and IDGFLGL = 2 and IDGFLE = 2 and IDGFLST = 2</td>
<td>Has never used drugs listed, excluding one time use of cannabis</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>IDGFLCM = NS or IDGFLCO = NS or IDGFLAM = NS or IDGFLEX = NS or IDGFLHA = NS or IDGFLGL = NS or IDGFLE = NS or IDGFLST = NS</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

6) Any Illicit Drug Use - 12-Month (Including "One Time Only" Use of Cannabis)

Variable name: IDGFYA
Based on: IDG_02, IDG_05, IDG_08, IDG_11, IDG_14, IDG_17, IDG_20, IDG_23
Description: This variable indicates whether respondents used any of the drugs listed in the past 12 months. Includes one time use of cannabis.
Source: Canada’s Alcohol and Other Drugs Survey (1994)

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOIDG = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
</tbody>
</table>
7) Any Illicit Drug Use - 12-Month (Excluding "One Time Only" Use of Cannabis)

Variable name: IDGFYAC
Based on: IDGFYCM, IDG_05, IDG_08, IDG_11, IDG_14, IDG_17, IDG_20, IDG_23
Description: This variable indicates whether respondents used any of the drugs listed in the past 12 months. Excludes one time use of cannabis.
Source: Canada's Alcohol and Other Drugs Survey (1994)

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
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</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
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</table>
8) Illicit Drug Interference 12-Month - Mean

Variable name: IDGDINT
Based on: IDG_26A, IDG_6B1, IDG_6B2, IDG_26C, IDG_26D

Description: This variable assesses the interference that drug use had on daily activities and responsibilities in the past 12 months. It is a mean of the 5 items.

Note: Respondents who did not use drugs frequently enough or did not indicate problems with drug use were excluded from the population.

### Specifications

<table>
<thead>
<tr>
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<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
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<td>DOIDG = 2</td>
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<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
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<td>99.9</td>
<td>(IDG_26A = DK, R, NS) or (IDG_6B1 = DK, R, NS) or (IDG_6B2 = DK, R, NS) or (IDG_26C = DK, R, NS) or (IDG_26D = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>(IDG_26A + IDG_6B1 + IDG_6B2 + IDG_26C + IDG_26D) / 5</td>
<td>(0 &lt;= IDG_26A &lt;= 10) and (0 &lt;= IDG_6B1 &lt;= 10) and (0 &lt;= IDG_6B2 &lt;= 10) and (0 &lt;= IDG_26C &lt;= 10) and (0 &lt;= IDG_26D &lt;= 10)</td>
<td>Interference = mean of all 5 items. Answered all 5 questions</td>
<td>(Rounded to one decimal place) (min: 0.0; max: 10.0)</td>
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<tr>
<td>(IDG_6B1 = 11 and IDG_6B2 = 11 and IDG_26C = 11 and IDG_26D = 11) / 4</td>
<td>(0 &lt;= IDG_6B1 &lt;= 10) and (0 &lt;= IDG_6B2 &lt;= 10) and (0 &lt;= IDG_26C &lt;= 10) and (0 &lt;= IDG_26D &lt;= 10)</td>
<td>Interference = mean of 4 items that applied IDG_6B1 was not applicable</td>
<td>(Rounded to one decimal place) (min: 0.0; max: 10.0)</td>
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<tr>
<td>(IDG_6B1 = 11 and IDG_6B2 = 11 and IDG_26C = 11 and IDG_26D = 11) / 3</td>
<td>(0 &lt;= IDG_6B1 &lt;= 10) and (0 &lt;= IDG_6B2 &lt;= 10) and (0 &lt;= IDG_26C &lt;= 10) and (0 &lt;= IDG_26D &lt;= 10)</td>
<td>Interference = mean of 3 items that applied IDG_6B2 was not applicable</td>
<td>(Rounded to one decimal place) (min: 0.0; max: 10.0)</td>
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9) Flag for Illicit Drug Interference - 12-Month

Variable name: IDGFINT
This variable assesses the interference that drug use had on daily activities and responsibilities in the past 12 months. This is a classification that indicates whether drug use interferes significantly with the person’s normal routine, occupational (academic) functioning, or social activities or relationships.

Respondents who did not use drugs frequently enough or did not indicate problems with drug use were excluded from the population.

### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
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<td>IDG_26A = NA</td>
<td>Population exclusions</td>
<td>NA</td>
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<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(4 &lt;= IDG_26A &lt;= 10) or</td>
<td>Drug use interfered significantly with normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4 &lt;= IDG_6B1 &lt;= 10) or</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4 &lt;= IDG_6B2 &lt;= 10) or</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4 &lt;= IDG_26C &lt;= 10) or</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4 &lt;= IDG_26D &lt;= 10)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(0 &lt;= IDG_26A &lt;= 3) and</td>
<td>Drug use did not interfere significantly with normal routine, occupation (academic) functioning or social activities or relationships in the past 12 months</td>
<td></td>
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<td></td>
<td>[(0 &lt;= IDG_6B1 &lt;= 3) or</td>
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<td>IDG_6B1 = 11] and</td>
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<tr>
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<td>[(0 &lt;= IDG_6B2 &lt;= 3) or</td>
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<td></td>
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<td></td>
<td>IDG_6B2 = 11] and</td>
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<td></td>
</tr>
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<td></td>
<td>(0 &lt;= IDG_26C &lt;= 3) and</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(0 &lt;= IDG_26D &lt;= 3)</td>
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<td></td>
</tr>
<tr>
<td>9</td>
<td>(IDG_26A = DK, R, NS) or</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td></td>
<td>(IDG_6B1 = DK, R, NS) or</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(IDG_6B2 = DK, R, NS) or</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>(IDG_26C = DK, R, NS) or</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(IDG_26D = DK, R, NS)</td>
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</table>
### Income (7 DVs)

**TEMPORARY VARIABLE**

**Household income ratio**

**Variable name:** INCTRAT

**Based on:** INC_3, GEO_PRV, DHHDHSZ, GEOTPSZ

This derived variable is a temporary variable used in the calculation of adjusted ratios (INCDADR). While INCDADR is disseminated in the master and share files, INCTRAT is not. The Territories are excluded from this derived variable.

This derived variable is a ratio between the total income of the respondent's household and the low income cut-off corresponding to the number of persons in the household and the size of the community. The low income cut-off is the threshold at which a family would typically spend a larger portion of its income than the average family on the necessities of food, shelter and clothing.

This derived variable is produced in two separate steps. A summary of those steps is provided below.

**Step 1:** Low income cut-offs for each family and community size were obtained for the 2010 reference year from the Survey of Labour and Income Dynamics (SLID). In the case of CCHS, the income questions refer to the past 12 months. Although the survey data were collected in 2011, at the time the data was to be processed, 2010 was the most recent year for which low income cut-offs could be provided.

A low income cut-off was linked to all respondents (INCTLIC). This cut-off corresponded to the size of the respondent's household (DHHDHSZ) and the size of the community in which the respondent lives (GEOTPSZ). Therefore, respondents were assigned one of the 35 possible combinations that exist (7 household size groups times 5 community size groups). For instance, the INCTLIC variable of a respondent living in a household size of 3 people and in an urban community with a population of 47,000 people would be 29,652.

**Step 2:** Individual ratios of household income to the low income cut-off are calculated for each household within each household and community size using the DHHDHSZ household size variable and the GEOTPSZ community size variable. Ratios are calculated by dividing household income (INCTINC) by the corresponding low income cut-off (INCTLIC).

Starting with the 2011 data, INC_3 is imputed and INCTINC is now based on INC_3 only. Imputed values are now available to users. Prior to 2011, INCTINC was based on INC_3, INCDHH and imputed values to account for missing values in INCDHH. Imputation was only done for INCTINC and imputed values for missing INCDHH were not available to users.

A flag (INCFIMP4) identifies which values were imputed.


<table>
<thead>
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<th>Value</th>
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<th>Description</th>
<th>Notes</th>
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<tbody>
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<tr>
<td>1</td>
<td>Size of the population centre (or CMA) &lt; 30,000</td>
<td>Population Centre Less than 30,000 people</td>
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</tr>
<tr>
<td>2</td>
<td>Size of the population centre (or CMA) &lt; 100,000</td>
<td>Population Centre 30,000 to 99,999 people</td>
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</tr>
<tr>
<td>3</td>
<td>Size of the population centre (or CMA) &lt;= 500,000</td>
<td>Population Centre 100,000 to 499,999 people</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Size of the population centre (or CMA) &gt;= 500,000</td>
<td>Population Centre 500,000 people or more</td>
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<tr>
<td>INCTRINC</td>
<td>GEO_PRV = 60, 61, 62</td>
<td>Residents of Territories excluded</td>
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<tr>
<td>99999996</td>
<td>INC_3=99999999</td>
<td>None of the income questions was stated</td>
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<tr>
<td>0</td>
<td>INC_3=0</td>
<td>No income or income loss</td>
<td>Value of 0 assigned when income loss reported</td>
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<tr>
<td>INC_3</td>
<td>0 &lt; INC_3 &lt; 99999996</td>
<td>Specific and positive household income</td>
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<tr>
<td>INCTLIC</td>
<td>DHHDHSZ = 1 and GEOTPSZ = 1</td>
<td>Low income cut-offs when the number of persons in household = 1 and population size group = rural area</td>
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</table>

November 2013
<table>
<thead>
<tr>
<th>Code</th>
<th>DHHDHSZ</th>
<th>GEOTPSZ</th>
<th>Description</th>
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<td>Low income cut-offs when the number of persons in household = 1 and population size group = urban area - less than 30,000 people</td>
</tr>
<tr>
<td>19 375</td>
<td>1 and 3</td>
<td></td>
<td>Low income cut-offs when the number of persons in household = 1 and population size group = urban area - 30,000 to 99,999 people</td>
</tr>
<tr>
<td>19 400</td>
<td>2 and 1</td>
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<td>Low income cut-offs when the number of persons in household = 2 and population size group = rural area</td>
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<tr>
<td>19 496</td>
<td>1 and 4</td>
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<tr>
<td>22 070</td>
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<tr>
<td>22 837</td>
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</tr>
<tr>
<td>23 849</td>
<td>3 and 1</td>
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<td>Low income cut-offs when the number of persons in household = 3 and population size group = rural area</td>
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<tr>
<td>24 120</td>
<td>2 and 3</td>
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</tr>
<tr>
<td>24 269</td>
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<tr>
<td>27 132</td>
<td>3 and 2</td>
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<td>Low income cut-offs when the number of persons in household = 3 and population size group = urban area - less than 30,000 people</td>
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<tr>
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<td>Low income cut-offs when the number of persons in household = 4 and population size group = rural area</td>
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<tr>
<td>29 652</td>
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<td>29 836</td>
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<tr>
<td>32 842</td>
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<td>Low income cut-offs when the number of persons in household = 5 and population size group = rural area</td>
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<tr>
<td>32 943</td>
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<td>Low income cut-offs when the number of persons in household = 4 and population size group = urban area - less than 30,000 people</td>
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<tr>
<td>34 646</td>
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<tr>
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<td>Low income cut-offs when the number of persons in household = 5 and population size group = urban area - 100,000 to 499,999 people</td>
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</table>
### Canadian Community Health Survey

#### Derived Variable Specifications

<table>
<thead>
<tr>
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<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
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<tbody>
<tr>
<td>41 240</td>
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<td>Low income cut-offs when the number of persons in household &gt;= 7 and population size group = rural area</td>
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<td>DHHDHSZ = 4 and GEOTPSZ = 5</td>
<td>Low income cut-offs when the number of persons in household = 4 and population size group = urban area - 500,000 people or more</td>
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<tr>
<td>42 140</td>
<td>DHHDHSZ = 6 and GEOTPSZ = 2</td>
<td>Low income cut-offs when the number of persons in household = 6 and population size group = urban area - less than 30,000 people</td>
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<td>46 054</td>
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<td>Low income cut-offs when the number of persons in household = 6 and population size group = urban area - 30,000 to 99,999 people</td>
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<td>46 339</td>
<td>DHHDHSZ = 6 and GEOTPSZ = 4</td>
<td>Low income cut-offs when the number of persons in household = 6 and population size group = urban area - 100,000 to 499,999 people</td>
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<td>Low income cut-offs when the number of persons in household &gt;= 7 and population size group = urban area - less than 30,000 people</td>
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<tr>
<td>47 710</td>
<td>DHHDHSZ = 5 and GEOTPSZ = 5</td>
<td>Low income cut-offs when the number of persons in household = 5 and population size group = urban area - 500,000 people or more</td>
<td></td>
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<tr>
<td>51 274</td>
<td>DHHDHSZ &gt;= 7 and GEOTPSZ = 3</td>
<td>Low income cut-offs when the number of persons in household &gt;= 7 and population size group = urban area - 30,000 to 99,999 people</td>
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</tr>
<tr>
<td>51 591</td>
<td>DHHDHSZ &gt;= 7 and GEOTPSZ = 4</td>
<td>Low income cut-offs when the number of persons in household &gt;= 7 and population size group = urban area - 100,000 to 499,999 people</td>
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<td>Low income cut-offs when the number of persons in household = 6 and population size group = urban area - 500,000 people or more</td>
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<tr>
<td>59 907</td>
<td>DHHDHSZ &gt;= 7 and GEOTPSZ = 5</td>
<td>Low income cut-offs when the number of persons in household &gt;= 7 and population size group = urban area - 500,000 people or more</td>
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**INCTRAT**

<table>
<thead>
<tr>
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<th>Description</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>99.999999996</td>
<td>INCTINC = 999996</td>
<td>Residents of territories excluded</td>
<td>9 decimals</td>
</tr>
<tr>
<td>99.999999999</td>
<td>INCTINC = 999999</td>
<td>The ratio cannot be calculated because the household income was not stated</td>
<td>9 decimals</td>
</tr>
<tr>
<td>0-40</td>
<td>INCTINC / INCTLIC</td>
<td>Individual ratio of household income to the low income cut-off corresponding to the size of the household and the size of the community. The maximum ratio is based on the maximum household income accepted, which is $9,000,000</td>
<td>9 decimals</td>
</tr>
</tbody>
</table>

---

### 1) Total household income - main source - Grouped

**Variable name:** INC2

**Based on:** INC_2

**Description:** This variable groups the main source of total household income into four categories.

**Note:** Derived variable specifications were updated in 2009 due to changes in INC_2 answer categories.

**Specifications**

<table>
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<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>(INC_2 = DK, R, NS)</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(INC_2 = 1, 2)</td>
<td>Wages/salaries or self-employment</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(INC_2 = 4, 5, 10)</td>
<td>Employment insurance or worker’s compensation or social assistance/welfare</td>
<td></td>
</tr>
</tbody>
</table>

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**November 2013**
### 2) Main source of personal income - Grouped

**Variable name:** INCG7  
**Based on:** INC_7  
**Description:** This variable groups the main source of personal income into four categories.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>(INC_7 = DK, R, NS)</td>
<td>Required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(INC_7 = 1, 2)</td>
<td>Wages/salaries or self-employment</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(INC_7 = 4, 5, 10)</td>
<td>Employment insurance or worker's compensation or social assistance/welfare</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(INC_7 = 6, 7, 8, 9)</td>
<td>Benefits from Canada or Quebec Pension Plan or job related retirement pensions, superannuation and annuities or RRSP/RRIF of Old Age Security and Guaranteed Income Supplement</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>(INC_7 = 3, 11, 12, 13, 14, 15)</td>
<td>Dividends/interest or child tax benefit or child support or alimony or other or no income</td>
<td></td>
</tr>
</tbody>
</table>

### 3) Total Household Income - All Sources - Grouped

**Variable name:** INCGHH  
**Based on:** INCDHH  
**Description:** This variable groups the total household income from all sources.  
**Note:** Derived variable specifications were updated in 2009 due to changes in INCDHH answer categories.

<table>
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<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>(INCDHH = DK, R, NS)</td>
<td>Required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>INCDHH in (1, 2, 3, 4, 5)</td>
<td>No income or less than $20,000</td>
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</tr>
<tr>
<td>2</td>
<td>INCDHH in (6, 7)</td>
<td>$20,000 to $39,999</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>INCDHH in (8, 9)</td>
<td>$40,000 to $59,999</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>INCDHH in (10, 11)</td>
<td>$60,000 to $79,999</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>INCDHH in (12, 13, 14, 15)</td>
<td>$80,000 or more</td>
<td></td>
</tr>
</tbody>
</table>
4) Personal Income - All Sources - Grouped

Variable name: INCGPER
Based on: INCDPER

Description: This variable indicates the respondent's personal income from all sources.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>(INCDPER = = DK, R, NS)</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>96</td>
<td>INCDPER = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>1</td>
<td>INCDPER = 1</td>
<td>No income</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>INCDPER = (2, 3, 4, or 5)</td>
<td>Less than $20,000</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>INCDPER = 6 or 7</td>
<td>$20,000 to $39,999</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>INCDPER = 8 or 9</td>
<td>$40,000 to $59,999</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>INCDPER = 10 or 11</td>
<td>$60,000 to $79,999</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>INCDPER = (12, 13, or 14)</td>
<td>$80,000 or more</td>
<td></td>
</tr>
</tbody>
</table>

5) Distribution of household income - National level

Variable name: INCDRCA
Based on: INCDADR

Description: This derived variable is a distribution of respondents in deciles (ten categories including approximately the same percentage of residents for each province) based on their value for INCDADR, ie. the adjusted ratio of their total household income to the low income cut-off corresponding to their household and community size. It provides, for each respondent, a relative measure of their household income to the household incomes of all other respondents.

Note: Deciles are generated using weighted data. Adjusted ratios are presented in increasing order, from smallest to largest, for all 10 provinces irrespective of household and community size. Derived variables are calculated only for valid responses (not stated, refusal and don’t know are excluded). Boundaries are determined in order to derive deciles from the total weighted number of cases for which derived variables are calculated. The Territories are excluded from this derived variable.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>Residents of Territories excluded</td>
<td>N/A</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>INCDADR = 9.999999999</td>
<td>Not stated</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>First 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Second 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Third 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Fourth 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 4</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Fifth 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 5</td>
<td></td>
</tr>
</tbody>
</table>
Derived Variable Specifications

6) Distribution of household income - Provincial level

Variable name: INCDRPR
Based on: INCDADR, GEO_PRV
Description: This derived variable is a distribution of residents of each province in deciles (ten categories including approximately the same percentage of residents for each province) based on their value for INCDADR, i.e. the adjusted ratio of their total household income to the low income cut-off corresponding to their household and community size. It provides, for each respondent, a relative measure of their household income to the household incomes of all other respondents in the same province. The Territories are excluded from this derived variable.

Note: Deciles are generated using weighted data. Adjusted ratios are presented in increasing order, from smallest to largest, for each of the 10 provinces irrespective of household and community size. Derived variables are calculated only for valid responses (not stated, refusal, etc. are excluded). Boundaries are determined in order to derive deciles from the total weighted number of cases for which derived variables are calculated.

The INCDRPR values are based on a distribution of adjusted ratios for the residents of each of the 10 provinces. This variable should therefore be used in conjunction with the variable for the province of residence (GEO_PRV).

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
### 7) Distribution of household income - Health region level

**Variable name:** INCDRRS  
**Based on:** INCDADR, GEO_DHR4

**Description:** This derived variable is a distribution of residents of each health region in deciles (ten categories including approximately the same percentage of residents for each province) based on their value for INCDADR, i.e. the adjusted ratio of their total household income to the low income cut-off corresponding to their household and community size. It provides, for each respondent, a relative measure of their household income to the household incomes of all other respondents in the same health region. The Territories are excluded from this derived variable.

**Note:** Deciles are generated using weighted data. Adjusted ratios are presented in increasing order, from smallest to largest, for each of the 117 health regions irrespective of household and community size. Derived variables are calculated only for valid responses (not stated, refusal, etc. are excluded). Boundaries are determined in order to derive deciles from the total weighted number of cases for which derived variables are calculated.

The INCDRRS values are based on a distribution of adjusted ratios for the residents of each of the 122 health regions. This variable should therefore be used in conjunction with the variable for the health region province of residence (GEO_DHR4).

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>Residents of Territories excluded</td>
<td>N/A</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>INCDADR = 9.999999999</td>
<td>Not stated</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>First 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Second 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Third 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Fourth 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 4</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Fifth 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 5</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Sixth 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 6</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Seventh 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 7</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Eighth 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 8</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Ninth 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 9</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Tenth 10% of respondents from the ascending list of adjusted ratios (INCDADR)</td>
<td>Decile 10</td>
<td></td>
</tr>
</tbody>
</table>
## Injuries (11 DVs)

### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>INWTSIC</td>
<td>INW_1 = 1 and LBSCSIC not in (7,8,9) else INWTSIC = INWCSIC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LBSCSIC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INWTSOC</td>
<td>If INW_ = 1 then INWTSOC = LBSCSOC else INWTSOC = INWCSOC</td>
<td>Based on: INW_1, INWCSOC, LBSCSOC</td>
<td></td>
</tr>
</tbody>
</table>

### 1) Number of injuries in past 12 months

**Variable name:** INJG02  
**Based on:** INJ_02  
**Description:** The number of injuries in past 12 months. This is a regrouping of INJ_02.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>INJ_02 = 1</td>
<td>Respondent had 1 injury in the past 12 months.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>INJ_02 = 2</td>
<td>Respondent had 2 injuries in the past 12 months.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>3=&lt;INJ_02=&lt;5</td>
<td>Respondent had 3 to 5 injuries in the past 12 months.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>INJ_02&gt;=6</td>
<td>Respondent had 6 or more injuries in the past 12 months.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>96=&lt;INJ_02=&lt;98</td>
<td>Not stated</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>INJ_02 = 99</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

### 2) Most Serious Injury

**Variable name:** INJG05  
**Based on:** INJ_05  
**Description:** This variable groups the responses of most serious injury.

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NA</td>
<td>INJ_05 = NA</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NS</td>
<td>INJ_05 = DK, R or NS</td>
<td>Respondent did not answer (don't know, refusal, not specified)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>INJ_05 = 1</td>
<td>Multiple injuries</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>INJ_05 = 2</td>
<td>Broken/fractured bones</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>INJ_05 = 3, 9</td>
<td>Burn/Scald/Chemical/ Poisoning</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>INJ_05 = 4</td>
<td>Dislocation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>INJ_05 = 5</td>
<td>Sprain/strain</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
3) Most Serious Injury - body part affected - Grouped

**Variable name:** INJG06  
**Based on:** INJ_06  
**Description:** This variable groups the most serious injury by body part affected.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>INJ_06 = NA</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>NS</td>
<td>INJ_06 = DK, R or NS</td>
<td>Respondent did not answer (don't know, refusal, not specified)</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>INJ_06 = 1</td>
<td>Multiple sites</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>INJ_06 = 2, 3, 4</td>
<td>Eyes/ head/ neck</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>INJ_06 = 5</td>
<td>Shoulder/ upper arm</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>INJ_06 = 6</td>
<td>Elbow/ lower arm</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>INJ_06 = 7, 8</td>
<td>Wrist or hand</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>INJ_06 = 9, 10</td>
<td>Hip/ thigh</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>INJ_06 = 11</td>
<td>Knee/ lower leg</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>INJ_06 = 12</td>
<td>Ankle/ foot</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>INJ_06 = 13, 14</td>
<td>Upper or lower back/ upper or lower spine</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>INJ_06 = 15, 16</td>
<td>Chest/ abdomen/ pelvis (excluding back and spine)</td>
<td></td>
</tr>
</tbody>
</table>

4) Most Serious Injury - Place of occurrence - Grouped

**Variable name:** INJG08  
**Based on:** INJ_08  
**Description:** This variable groups the responses of most serious injury by place of occurrence.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>INJ_01 = 2</td>
<td>Respondent did not suffer an injury</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>INJ_08 = DK, R, NS</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>INJ_08 = 1</td>
<td>In a home or its surrounding area</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>INJ_08 = 2, 3, 6</td>
<td>Residential institution/ school, college, university/ other institution</td>
<td></td>
</tr>
</tbody>
</table>
3  INJ_08 = 4  Sports or athletic area in school, college, university
4  INJ_08 = 5  Other sports or athletic area
5  INJ_08 = 7  Street, highway, sidewalk
6  INJ_08 = 8  Commercial area
7  (INJ_08 = 9, 10)  Industrial or construction area or farm
8  (INJ_08 = 11, 12)  Other (includes countryside, forest, lake, ocean, mountains, prairie, etc.)

5 ) Most Serious Injury - Activity when injured - Grouped

Variable name:  INJG092
Based on:  INJ_09
Description:  This variable groups the responses of most serious injury by activity when injured.
Note:  Due to new INJ_09 answer categories in 2009, groupings have been modified. INJG092 is similar to previous INJG09 but not identical.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
</tbody>
</table>

6 ) Most Serious Injury - How fell - Grouped

Variable name:  INJG11A
Based on:  INJ_11A
Description:  This variable groups the responses of most serious injury by how the respondent fell.
Note:  Similar to INJG11 produced previous to 2009.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>96</td>
</tr>
</tbody>
</table>
### 9) Most Serious Injury - Treated in clinic - Grouped

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>INJ_14C = 6</td>
<td>Respondent did not suffer an injury or did not receive medical attention within 48 hours.</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>INJ_14C in (7, 8, 9) or INJ_14L in (7, 8, 9) or INJ_14F in (7, 8, 9)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>INJ_14C = 1 or INJ_14L = 1 or INJ_14F = 1</td>
<td>Most serious injury treated in: a hospital outpatient clinic, community health centre or CLSC, or other clinic (walk-in clinic, appointment, sports)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>INJ_14C = 2 or INJ_14L = 2 or INJ_14F = 2</td>
<td>Most serious injury not treated in: a hospital outpatient clinic, community health centre or CLSC, or other clinic (walk-in clinic, appointment, sports)</td>
<td></td>
</tr>
</tbody>
</table>

### 8) Most Serious Injury - Other method of treatment - Grouped

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>INJ_14M = 6</td>
<td>Respondent did not suffer an injury or did not receive medical attention within 48 hours.</td>
<td>NA</td>
</tr>
</tbody>
</table>
9 ) Other injuries - number (G)

Variable name: INJG17
Based on: INJ_17
Description: This variable groups the responses of number of other injuries.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

10 ) Cause of Injury - Grouped

Variable name: INJGCAU
Based on: INJ_10, INJ_12
Description: This variable categorizes the respondent’s cause of injury.

Note: Respondents who did not suffer any injuries in the past 12 months before the interview have been excluded from the population.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>
## 4) INJ_12 = 3
Accidentally struck or crushed by object(s)

## 5) INJ_12 = 4
Accidental contact - sharp object, tool, machine

## 6) INJ_12 = 8
Overexertion or strenuous movement

## 7) INJ_12 = 5 or
INJ_12 = 6 or
INJ_12 = 7 or
INJ_12 = 9 or
INJ_12 = 10
Other, including:
- smoke, fire, flames
- accidental contact with hot object, liquid or gas
- extreme weather or natural disaster physical assault

### 11) Injury Status

**Variable name:** INJDSTT  
**Based on:** INJ_01, INJ_16  
**Description:** This variable indicates the injury status of the respondent.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>
**Workplace injury (1 DV)**

### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>INWTSIC</td>
<td>LBSCSIC</td>
<td>INW_1 = 1</td>
<td>Job industry in which injury occurred. Occurred in current main job. Industry code taken from Labour Force Module (LBS).</td>
</tr>
<tr>
<td>INWCSIC</td>
<td></td>
<td>INW_1 &lt;&gt; 1</td>
<td>Job industry in which injury occurred. Did not occur in current main job. Industry code derived from INW module.</td>
</tr>
<tr>
<td>INWTSOC</td>
<td>LBSCSOC</td>
<td>INW_1 = 1</td>
<td>Job occupation in which injury occurred. Occurred in current main job. Occupation code taken from Labour Force Module (LBS).</td>
</tr>
<tr>
<td>INWCSOC</td>
<td></td>
<td>INW_1 &lt;&gt; 1</td>
<td>Job occupation in which injury occurred. Did not occur in current main job. Occupation code derived from INW module.</td>
</tr>
</tbody>
</table>

1) **Occupation group (SOC) where injury occurred - (G)**

**Variable name:** INWGSOC

**Based on:** INWDOCG

**Description:** This variable groups the occupation classification of the respondent where the injury occurred.

### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>INWDOCG = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>INWDOCG in (95, 99)</td>
<td>Respondent refused, did not know, or did not state their occupation or their occupation was uncodable</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>INWDOCG in (01, 03, 04, 05, 06)</td>
<td>Occupations relating to Management, Natural and Applied Sciences, Health, Social Sciences, Education, Religion, Art, Culture and Recreation</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>INWDOCG = 02</td>
<td>Occupations relating to Business, Finance, Administration</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>INWDOCG = 07</td>
<td>Occupations relating to Sales and Service</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>INWDOCG = 08</td>
<td>Occupations relating to Trades, Transport and Equipment Operator</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>INWDOCG in (09, 10)</td>
<td>Occupations Unique to Primary Industry, Processing, Manufacturing and Utilities</td>
<td></td>
</tr>
</tbody>
</table>
Labour force (5 DVs)

1) Employment status - 12 months - (G)

Variable name: LBSG31
Based on: LBS_31
Description: This variable groups the employment status of the respondent.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>LBS_31 = 6</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>LBS_31 = 9</td>
<td>Not Stated</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>LBS_31 = 1</td>
<td>Employee</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2=&lt;LBS_31=&lt;3</td>
<td>Self-employed</td>
<td></td>
</tr>
</tbody>
</table>

2) Total usual hours worked - current jobs - (D, G)

Variable name: LBSGHPW
Based on: LBSDHPW
Description: This variable indicates the total number of hours the respondent worked per week.

Note: Respondents aged less than 15 or more than 75 years old or who did not work in the week prior to the interview have been excluded from the population.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>996</td>
<td>LBSDHPW = 996</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>999</td>
<td>LBSDHPW = 999</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>LBSDHPW</td>
<td>LBSDHPW &lt; 99</td>
<td>Number of hours worked per week</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>LBSDHPW &gt;= 99</td>
<td>99 hours or more</td>
<td></td>
</tr>
</tbody>
</table>

3) Full-time/part-time working status (for total usual hours)

Variable name: LBSDPFT
Based on: LBSDHPW
Description: This variable indicates if the respondent works full-time or part-time.

Note: Respondents aged less than 15 or more than 75 years old or who did not work in the week prior to the interview have been excluded from the population.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>LBSDHPW = NA</td>
<td>Population exclusion</td>
<td>NA</td>
</tr>
</tbody>
</table>
### 4) Working status last week

**Variable name:** LBSDWSS  
**Based on:** LBS_01, LBS_02  
**Description:** This variable classifies the respondent based on his/her working status in the week prior to the interview.  
**Note:** Respondents aged less than 15 or more than 75 years old have been excluded from the population.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DHH_AGE &lt; 15 or DHH_AGE &gt; 75</td>
<td>Population exclusion</td>
<td>NA</td>
</tr>
<tr>
<td>1</td>
<td>LBS_01 = 1</td>
<td>Worked at a job or business</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>LBS_02 = 1</td>
<td>Had a job but did not work (absent)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>LBS_02 = 2</td>
<td>Did not have a job</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>LBS_01 = 3</td>
<td>Permanently unable to work</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(LBS_02 = DK, R, NS) or (LBS_01 = DK, R, NS)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

### 5) Occupation group - (G)

**Variable name:** LBSGSOC  
**Based on:** LBSDOCG  
**Description:** This variable groups the occupation classification of the respondent.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>LBSDOCG = 96</td>
<td>Respondent did not work at a job or business in the past year or age was out of range</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>LBSDOCG = 95, 99</td>
<td>Respondent refused, did not know, or did not state their occupation or their occupation was uncodable</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>LBSDOCG = '01', '03', '04', '05', '06'</td>
<td>Occupations relating to Management, Natural and Applied Sciences, Health, Social Sciences, Education, Religion, Art, Culture and Recreation</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>LBSDOCG = '02'</td>
<td>Occupations relating to Business, Finance, Administration</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>LBSDOCG = '07'</td>
<td>Occupations relating to Sales and Service</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>LBSDOCG = '08'</td>
<td>Occupations relating to Trades, Transport and Equipment Operator</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
<table>
<thead>
<tr>
<th></th>
<th>LBSDOCG = '09', '10'</th>
<th>Occupations Unique to Primary Industry, Processing, Manufacturing and Utilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Loss of productivity (10 DVs)

### 1) Reason for not working - (G)

**Variable name:** LOPG020  
**Based on:** LOP_020  
**Description:** This variable indicates the main reason for not working in the past three months.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>LOP_020 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>LOP_020 in (97,98,99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>LOP_020 = 1</td>
<td>Chronic physical or mental health condition diagnosed by a health professional</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>LOP_020 = 2</td>
<td>Own injury such as broken bone, bad cut, burn or sprain</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>LOP_020 in (3, 4)</td>
<td>Own infectious disease such as a cold, flu or stomach flu or other reason related to physical or mental health</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>LOP_020 in (5, 6, 7)</td>
<td>Caring for own children, caring for elderly relative(s), or maternity, paternity or parental leave</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>LOP_020 = 8</td>
<td>Education, training or school</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>LOP_020 in (9, 10)</td>
<td>Temporary lay-off or strike or lockout</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>LOP_020 = 11</td>
<td>Retired</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>LOP_020 = 12</td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

### 2) Number of work days lost due to chronic condition - (G)

**Variable name:** LOPG040  
**Based on:** LOP_040  
**Description:** This variable indicates the number of work days missed because of a chronic condition.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>LOP_040 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>LOP_040 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>LOP_040</td>
<td>LOP_040 &lt; 31</td>
<td>Number of work days missed because of a chronic condition</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>LOP_040 &gt;= 31</td>
<td>31 days or more</td>
<td></td>
</tr>
</tbody>
</table>

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### 3 ) Chronic condition - (G)

**Variable name:** LOPG050  
**Based on:** LOP_050  
**Description:** This variable indicates the chronic health condition that explains the missed days at work.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>LOP_050 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>LOP_050 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>LOP_050 = 1</td>
<td>Arthritis (such as rheumatoid arthritis, osteoarthritis, lupus or gout)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>LOP_050 = 3</td>
<td>Cardiovascular disease (including stroke and hypertension)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>LOP_050 = 5</td>
<td>Asthma</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>LOP_050 = 6</td>
<td>Chronic bronchitis, emphysema or chronic obstructive pulmonary disease (COPD)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>LOP_050 = 7</td>
<td>Diabetes</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>LOP_050 = 8</td>
<td>Migraine</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>LOP_050 = 9</td>
<td>Back problems</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>LOP_050 = 10</td>
<td>Cancer</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>LOP_050 = 13</td>
<td>Digestive diseases (such as celiac disease, irritable bowel syndrome, stomach ulcers)</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>LOP_050 = 14</td>
<td>Fibromyalgia, chronic fatigue syndrome or multiple chemical sensitivities</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>LOP_050 in (2, 4, 11, 12, 15)</td>
<td>Osteoporosis, kidney disease, mental illnesses (such as depression bipolar disorder, mania or schizophrenia), neurological diseases (such as alzheimer, dementia, parkinson's disease, multiple sclerosis, spina bifida), or other</td>
<td></td>
</tr>
</tbody>
</table>

### 4 ) Number of work days missed due to injury - (G)

**Variable name:** LOPG070  
**Based on:** LOP_070  
**Description:** This variable indicates the number of work days missed because of an injury.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>LOP_070 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>LOP_070 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>LOP_070</td>
<td>LOP_070 &lt; 31</td>
<td>Number of work days missed because of an injury</td>
<td></td>
</tr>
</tbody>
</table>
## 5) Number of work days missed due to cold - (G)

**Variable name:** LOPG082  
**Based on:** LOP_082  
**Description:** This variable indicates the number of work days missed because of a cold.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>LOP_082</td>
</tr>
<tr>
<td>11</td>
</tr>
</tbody>
</table>

## 6) Number of work days missed due to flu or influenza - (G)

**Variable name:** LOPG083  
**Based on:** LOP_083  
**Description:** This variable indicates the number of work days missed because of a flu or influenza.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>LOP_083</td>
</tr>
<tr>
<td>11</td>
</tr>
</tbody>
</table>

## 7) Number of work days missed due to stomach flu - (G)

**Variable name:** LOPG084  
**Based on:** LOP_084  
**Description:** This variable indicates the number of work days missed because of a stomach flu.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>96</td>
</tr>
</tbody>
</table>

November 2013
### 8) No. of work days missed due to respiratory infection - (G)

**Variable name:** LOPG085  
**Based on:** LOP_085  
**Description:** This variables indicates the number of work days missed because of a respiratory infection.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>LOP_085</td>
</tr>
<tr>
<td>11</td>
</tr>
</tbody>
</table>

### 9) No. of work days missed due to other infect. disease - (G)

**Variable name:** LOPG086  
**Based on:** LOP_086  
**Description:** This variables indicates the number of work days missed because of other infectious disease.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>LOP_086</td>
</tr>
<tr>
<td>11</td>
</tr>
</tbody>
</table>

### 10) Work days missed related to physical or mental hlth - (G)

**Variable name:** LOPG100  
**Based on:** LOP_100  
**Description:** This variables indicates the number of work days missed because of another reason related to the respondent's physical or mental health.
<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>LOP_100 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>LOP_100 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>LOP_100</td>
<td>LOP_100 &lt; 21</td>
<td>Number of work days missed related to physical or mental health</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>LOP_100 &gt;= 21</td>
<td>21 days or more</td>
<td></td>
</tr>
</tbody>
</table>
## Mastery (1 DV)

### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAST601</td>
<td>MAS_601 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(MAS_601 – 1)</td>
<td>MAS_601 &lt;= 5</td>
<td>Rescale the answers for questions</td>
<td></td>
</tr>
<tr>
<td>MAST602</td>
<td>MAS_602 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(MAS_602 – 1)</td>
<td>MAS_602 &lt;= 5</td>
<td>Rescale the answers for questions</td>
<td></td>
</tr>
<tr>
<td>MAST603</td>
<td>MAS_603 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(MAS_603 – 1)</td>
<td>MAS_603 &lt;= 5</td>
<td>Rescale the answers for questions</td>
<td></td>
</tr>
<tr>
<td>MAST604</td>
<td>MAS_604 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(MAS_604 – 1)</td>
<td>MAS_604 &lt;= 5</td>
<td>Rescale the answers for questions</td>
<td></td>
</tr>
<tr>
<td>MAST605</td>
<td>MAS_605 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(MAS_605 – 1)</td>
<td>MAS_605 &lt;= 5</td>
<td>Rescale the answers for questions</td>
<td></td>
</tr>
<tr>
<td>MAST606</td>
<td>MAS_606 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(4 – MAST606)</td>
<td>MAST606 &lt;= 4</td>
<td>Invert scale for rescaled questions</td>
<td></td>
</tr>
<tr>
<td>(MAS_606 – 1)</td>
<td>MAS_606 &lt;= 5</td>
<td>Rescale the answers for questions</td>
<td></td>
</tr>
<tr>
<td>MAST607</td>
<td>(4 – MAST607)</td>
<td>Invert scale for rescaled questions</td>
<td></td>
</tr>
<tr>
<td>MAST607</td>
<td>MAST607 &lt;= 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAST607</td>
<td>MAST607 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(MAS_607 – 1)</td>
<td>MAS_607 &lt;= 5</td>
<td>Rescale the answers for questions</td>
<td></td>
</tr>
</tbody>
</table>

### 1) Derived Mastery Scale

**Variable name:** MASDM1

**Based on:** MAS_601, MAS_602, MAS_603, MAS_604, MAS_605, MAS_606, MAS_607

**Description:** This variable measures sense of mastery, that is, the extent to which individuals believe that their life-chances are under their control.

**Note:** Higher scores indicate superior mastery.

**Internet site:** www.jstor.org/

### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DOMAS = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
</tbody>
</table>

November 2013
| MAST601 + | (0 <= MAST601 <= 4) and |
| MAST602 + | (0 <= MAST602 <= 4) and |
| MAST603 + | (0 <= MAST603 <= 4) and |
| MAST604 + | (0 <= MAST604 <= 4) and |
| MAST605 + | (0 <= MAST605 <= 4) and |
| MAST606 + | (0 <= MAST606 <= 4) and |
| +MAST607 | (0 <= MAST607 <= 4) |

Score obtained on the mastery scale (min: 0; max: 28)

Maternal experiences - Breastfeeding (3 DVs)

1) Length of exclusive breastfeeding

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DHH_SEX = 1 or DHH_AGE &lt; 15 or DHH_AGE &gt; 55 or MEX_01 = 2 or (MEX_05 = 1 and (MEX_06A = 2 or MEX_06B = 13) and MEX_08A=13)</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>ADM_PRX = 1 or (MEX_06B in (97:99) or MEX_08A in (97:99) or MEX_03 in (7:9) or MEX_06 in (97:99))</td>
<td>Module not asked - Proxy Interview</td>
<td>NS</td>
</tr>
<tr>
<td>0</td>
<td>MEX_03 = 2</td>
<td>Has not breastfed her last baby</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>((MEX_06B =1 or MEX_08A =1) and (MEX_06 in (1:12) or MEX_06 = 96)) or (MEX_06 = 1 and ((MEX_06B &gt; MEX_06 and MEX_06B &lt; 13) or (MEX_06A &gt; MEX_06 and MEX_08A &lt;13))) or ((MEX_06B = 13 or MEX_08A = 13) and MEX_06 = 1)</td>
<td>Less than 1 week</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>((MEX_06B in (2,3) or MEX_08A in (2,3)) and (MEX_06 in (2:12) or MEX_06 = 96)) or (MEX_06 in (2:3) and ((MEX_06B &gt; MEX_06 and MEX_06B &lt; 13) or (MEX_08A &gt; MEX_06 and MEX_08A &lt;13))) or ((MEX_06B = 13 or MEX_08A = 13) and MEX_06 in (2,3))</td>
<td>1 week to less than 5 weeks</td>
<td></td>
</tr>
</tbody>
</table>

In 2010, this variable was an update of MEXDEBF. It includes more categories, covers the 6 month period in a single category. Up to 2010, it took into account conflicting information provided in MEX_06 and MEX_07. Respondents who had not given birth in the past 5 years or who were less than 15 years old or more than 55 years old are excluded from the population. Since the variable is used to measure only the final duration of exclusive breastfeeding, mothers who are still breastfeeding at the time of the interview and who had not yet added any other liquid or solid foods to the baby’s feeds are also excluded.
<table>
<thead>
<tr>
<th>Variable Specifications</th>
<th>Time Periods</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>((MEX_06B in (4,5) or MEX_08A in (4,5)) and (MEX_06 in (4:12) or MEX_06 = 96)) or (MEX_06 in (4,5) and ((MEX_06B &gt; MEX_06 and MEX_06B&lt;13) or (MEX_08A &gt; MEX_06 and MEX_08A &lt;13))) or ((MEX_06B = 13 or MEX_08A = 13) and MEX_06 in (4,5))</td>
</tr>
<tr>
<td>4</td>
<td>((MEX_06B in (6) or MEX_08A in (6)) and (MEX_06 in (6:12) or MEX_06 = 96)) or (MEX_06 in (6) and ((MEX_06B &gt; MEX_06 and MEX_06B&lt;13) or (MEX_08A &gt; MEX_06 and MEX_08A &lt;13))) or ((MEX_06B = 13 or MEX_08A = 13) and MEX_06 in (6))</td>
</tr>
<tr>
<td>5</td>
<td>((MEX_06B in (7) or MEX_08A in (7)) and (MEX_06 in (7:12) or MEX_06 = 96)) or (MEX_06 in (7) and ((MEX_06B &gt; MEX_06 and MEX_06B&lt;13) or (MEX_08A &gt; MEX_06 and MEX_08A &lt;13))) or ((MEX_06B = 13 or MEX_08A = 13) and MEX_06 in (7))</td>
</tr>
<tr>
<td>6</td>
<td>((MEX_06B in (8) or MEX_08A in (8)) and (MEX_06 in (8:12) or MEX_06 = 96)) or (MEX_06 in (8) and ((MEX_06B &gt; MEX_06 and MEX_06B&lt;13) or (MEX_08A &gt; MEX_06 and MEX_08A &lt;13))) or ((MEX_06B = 13 or MEX_08A = 13) and MEX_06 in (8))</td>
</tr>
<tr>
<td>7</td>
<td>((MEX_06B in (9) or MEX_08A in (9)) and (MEX_06 in (9:12) or MEX_06 = 96)) or (MEX_06 in (9) and ((MEX_06B &gt; MEX_06 and MEX_06B&lt;13) or (MEX_08A &gt; MEX_06 and MEX_08A &lt;13))) or ((MEX_06B = 13 or MEX_08A = 13) and MEX_06 in (9))</td>
</tr>
</tbody>
</table>
2) Exclusively Breastfed for 6 months (or more)

Variable name: MEXFEB6

Based on: MEX_01, MEX_03, MEX_06, MEX_6A, MEX_06B, MEX_08A

Description: This variable indicates whether the respondent exclusively breastfed her last baby for at least 6 months.

Note: In 2011, MEX_07 was split into two questions: MEX_06B and MEX_08A; therefore, this variable needed to be updated accordingly.

Health Canada recommends exclusive breastfeeding for a period of up to 6 months. This variable indicates the number of mothers who followed this recommendation. Respondents who had not given birth in the past 5 years or who were less than 15 years old or more than 55 years old are excluded from the population. Since the variable is used to measure only the final duration of exclusive breastfeeding, mothers who still breastfed and who had not yet added any other liquid or solid foods to the baby’s feeds are also excluded.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DHH_SEX = 1 or DHH_AGE &lt; 15 or DHH_AGE &gt; 55 or MEX_01 = 2 or (MEX_05 = 1 and (MEX_06A = 2 and MEX_08A = 13))</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>6</td>
<td>(MEX_06A in (97:99) or MEX_06B in (97:99) or MEX_08A in (97:99) or MEX_03 in (7:9) or MEX_06 in (97:99))</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>6</td>
<td>(((MEX_06B in (9:12) and MEX_08A not in (1:8)) or (MEX_06B not in (1:8) and MEX_08A in (9:12)) or (MEX_06B in (9:12) and MEX_08A in (9:12))) and MEX_06 in (9:12)) or (MEX_06 = 96 and ((MEX_06B in (9:12) and MEX_08A not in (1:8)) or (MEX_06B not in (1:8) and MEX_08A in (9:12)) or (MEX_06B in (9:12) and MEX_08A in (9:12))) or (MEX_05=2 and MEX_06B in (9:13) and MEX_08A in (9:13) and MEX_06 in (9:12))</td>
<td>Had exclusively breastfed her last baby for at least 6 months</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Derived Variable Specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>--------------------------------</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 2 | (MEX_03=2) or  
   (MEX_06 < 9) or  
   MEX_06B < 9 or  
   MEX_06A < 9       | Had not exclusively breastfed her last baby for at least 6 months |
Maternal experiences - Smoking during pregnancy (4 DVs)

1) No. of cigarettes daily - last pregnancy (daily smoker)

Variable name: MXSG02
Based on: MXS_02

Description: This variable groups the number of cigarettes the respondent smoked during her last pregnancy.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>MXS_02 = 96</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>MXS_02 = 97, 98, 99</td>
<td>Not stated</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>MXS_02 = 1</td>
<td>Respondent smoked one cigarette daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>MXS_02 = 2</td>
<td>Respondent smoked 2 cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>MXS_02 = 3</td>
<td>Respondent smoked 3 cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>MXS_02 = 4</td>
<td>Respondent smoked 4 cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>MXS_02 = 5</td>
<td>Respondent smoked 5 cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>6=&lt;MXS_02 &lt;=10</td>
<td>Respondent smoked 6 to 10 cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>11=&lt;MXS_02 &lt;=15</td>
<td>Respondent smoked 11 to 15 cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>16=&lt;MXS_02</td>
<td>Respondent smoked 16 or more cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
</tbody>
</table>

2) No. of cigarettes daily - last pregnancy (occasional smoker)

Variable name: MXSG03
Based on: MXS_03

Description: This variable groups the number of cigarettes the respondent smoked during her last pregnancy.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>MXS_03 = 96</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>MXS_03 = 97, 98, 99</td>
<td>Not stated</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>MXS_03 = 1</td>
<td>Respondent smoked one cigarette daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>MXS_03 = 2</td>
<td>Respondent smoked 2 cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>MXS_03 = 3</td>
<td>Respondent smoked 3 cigarettes daily during her last pregnancy.</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
### 3) No. of cigarettes daily - while breastfeeding (daily smoker)

**Variable name:** MXSG05  
**Based on:** MXS_05  
**Description:** This variable groups the number of cigarettes the respondent smoked while breastfeeding her last baby.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>MXS_05 = 96</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>MXS_05 = 97, 98, 99</td>
<td>Not stated</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>MXS_05 = 1</td>
<td>Respondent smoked one cigarette daily while breastfeeding her last baby.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>MXS_05 = 2</td>
<td>Respondent smoked 2 cigarettes daily while breastfeeding her last baby.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>MXS_05 = 3</td>
<td>Respondent smoked 3 cigarettes daily while breastfeeding her last baby.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>MXS_05 = 4</td>
<td>Respondent smoked 4 cigarettes daily while breastfeeding her last baby.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>MXS_05 = 5</td>
<td>Respondent smoked 5 cigarettes daily while breastfeeding her last baby.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>6=&lt;MXS_05=&lt;10</td>
<td>Respondent smoked 6 to 10 cigarettes daily while breastfeeding her last baby.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>11=&lt;MXS_05=&lt;15</td>
<td>Respondent smoked 11 to 15 cigarettes daily while breastfeeding her last baby.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>16=&lt;MXS_05</td>
<td>Respondent smoked at least 16 cigarettes daily while breastfeeding her last baby.</td>
<td></td>
</tr>
</tbody>
</table>

### 4) No. of cigarettes daily - while breastfeeding (occasional smoker)

**Variable name:** MXSG06  
**Based on:** MXS_06  
**Description:** This variable groups the number of cigarettes the respondent smoked while breastfeeding her last baby.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>MXS_06 = 96</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>MXS_06 = 97, 98, 99</td>
<td>Not stated</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MXS_06 = 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>------------</td>
<td>------------------------------------------------------------------</td>
<td>------------------------------------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>MXS_06 = 2</td>
<td>Respondent smoked one cigarette daily while breastfeeding her last baby.</td>
<td>Respondent smoked two cigarettes daily while breastfeeding her last baby.</td>
</tr>
<tr>
<td>2</td>
<td>MXS_06 = 3</td>
<td>Respondent smoked three cigarettes daily while breastfeeding her last baby.</td>
<td>Respondent smoked three cigarettes daily while breastfeeding her last baby.</td>
</tr>
<tr>
<td>3</td>
<td>MXS_06 = 4</td>
<td>Respondent smoked four cigarettes daily while breastfeeding her last baby.</td>
<td>Respondent smoked four cigarettes daily while breastfeeding her last baby.</td>
</tr>
<tr>
<td>4</td>
<td>MXS_06 = 5</td>
<td>Respondent smoked five cigarettes daily while breastfeeding her last baby.</td>
<td>Respondent smoked five cigarettes daily while breastfeeding her last baby.</td>
</tr>
<tr>
<td>5</td>
<td>6=&lt;MXS_06</td>
<td>Respondent smoked at least six cigarettes daily while breastfeeding her last baby.</td>
<td>Respondent smoked at least six cigarettes daily while breastfeeding her last baby.</td>
</tr>
</tbody>
</table>
Oral health 2 (2 DVs)

1) Social Limitation Due to Oral Health Status

Variable name: OH2FLIM
Based on: OH2_23, OH2_24
Description: This variable indicates whether the respondent's oral health status impacts on social functioning as measured by avoiding conversation or contact with others, or by avoiding laughing or smiling.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOOH2 = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>2</td>
<td>(OH2_23 = 3, 4) and (OH2_24 = 3, 4)</td>
<td>No social limitation due to oral condition</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>(OH2_23 = 1, 2) or (OH2_24 = 1, 2)</td>
<td>Social limitation experienced due to oral condition</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(OH2_23 = DK, R, NS) or (OH2_24 = DK, R, NS)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

2) Oral and Facial Pain and Discomfort

Variable name: OH2FOFP
Description: This variable indicates the presence of oral and facial pain in the past month.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOOH2 = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>OH2_25A = 1 or OH2_25B = 1 or OH2_25C = 1 or OH2_25D = 1 or OH2_25E = 1 or OH2_25F = 1 or OH2_25G = 1</td>
<td>Has experienced some oral or facial pain or discomfort in the past month</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
<table>
<thead>
<tr>
<th>Derived Variable Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
Physical activities (9 DVs)

1) Daily Energy Expenditure in Leisure Time Physical Activities

<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Activity</th>
<th>MET Value (kcal/kg/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PACDEEA</td>
<td>WALKING FOR EXERCISE</td>
<td>3</td>
</tr>
<tr>
<td>PACDEEB</td>
<td>GARDENING OR YARD WORK</td>
<td>3</td>
</tr>
<tr>
<td>PACDEEC</td>
<td>SWIMMING</td>
<td>3</td>
</tr>
<tr>
<td>PACDEED</td>
<td>BICYCLING</td>
<td>4</td>
</tr>
<tr>
<td>PACDEEE</td>
<td>POPULAR OR SOCIAL DANCE</td>
<td>3</td>
</tr>
<tr>
<td>PACDEEF</td>
<td>HOME EXERCISE</td>
<td>3</td>
</tr>
<tr>
<td>PACDEEG</td>
<td>ICE HOCKEY</td>
<td>6</td>
</tr>
<tr>
<td>PACDEEH</td>
<td>ICE SKATING</td>
<td>4</td>
</tr>
<tr>
<td>PACDEEI</td>
<td>IN-LINE SKATING OR ROLLERBLADING</td>
<td>5</td>
</tr>
<tr>
<td>PACDEEJ</td>
<td>JOGGING OR RUNNING*</td>
<td>9.5</td>
</tr>
<tr>
<td>PACDEEK</td>
<td>GOLFING</td>
<td>4</td>
</tr>
<tr>
<td>PACDEEL</td>
<td>EXERCISE CLASS OR AEROBICS</td>
<td>4</td>
</tr>
<tr>
<td>PACDEEM</td>
<td>DOWNHILL SKIING OR SNOWBOARDING</td>
<td>4</td>
</tr>
<tr>
<td>PACDEEN</td>
<td>BOWLING</td>
<td>2</td>
</tr>
<tr>
<td>PACDEEO</td>
<td>BASEBALL OR SOFTBALL</td>
<td>3</td>
</tr>
<tr>
<td>PACDEEP</td>
<td>TENNIS</td>
<td>4</td>
</tr>
<tr>
<td>PACDEEQ</td>
<td>WEIGHT-TRAINING</td>
<td>3</td>
</tr>
<tr>
<td>PACDEER</td>
<td>FISHING</td>
<td>3</td>
</tr>
<tr>
<td>PACDEES</td>
<td>VOLLEYBALL</td>
<td>5</td>
</tr>
<tr>
<td>PACDEET</td>
<td>BASKETBALL</td>
<td>6</td>
</tr>
<tr>
<td>PACDEEZ</td>
<td>SOCCER</td>
<td>5</td>
</tr>
<tr>
<td>PACDEEU</td>
<td>OTHER (U)*</td>
<td>4</td>
</tr>
<tr>
<td>PACDEEW</td>
<td>OTHER (W)*</td>
<td>4</td>
</tr>
<tr>
<td>PACDEEX</td>
<td>OTHER (X)*</td>
<td>4</td>
</tr>
</tbody>
</table>

* Jogging (MET value 7) and running (MET value 12) fall under one category. Therefore, the MET value for the combined activity is the average of their MET values (9.5). Since it is difficult to assign a MET value to the category "Other Activities," the MET value used is the average of the listed activities except for the average value of jogging and running. Here, the average value of jogging and running is replaced by the value for jogging only. Some activities have MET values lower than the average, however, this approach is consistent with other studies, such as the Campbell’s Survey and the Ontario Health Survey (OHS).

* Times were assigned an average duration value for the calculation, as with NPHS:
  (13 minutes or .2167 hour, 23 minutes or .3833 hour, 45 minutes or .75 hour, 60 minutes or 1 hour)
Beginning in CCHS cycle 2.1, the list of activities (PAC_1n) changed slightly from previous CCHS cycles: The activity "Soccer" was asked explicitly in Cycle 2.1. For Cycle 1.1, this activity was part of the "Other" activities.

### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PACDEEA</td>
<td>PAC_3A = NA</td>
<td>Did not participate in activity</td>
<td>WALKING FOR EXERCISE</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3A = DK, R, NS)</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>WALKING FOR EXERCISE</td>
</tr>
<tr>
<td>(PAC_2A × 4 × .2167 × 3) / 365</td>
<td>PAC_3A = 1</td>
<td>Calculate EE for &lt; 15 min*</td>
<td>WALKING FOR EXERCISE</td>
</tr>
<tr>
<td>(PAC_2A × 4 × .3833 × 3) / 365</td>
<td>PAC_3A = 2</td>
<td>Calculate EE for 16 to 30 min*</td>
<td>WALKING FOR EXERCISE</td>
</tr>
<tr>
<td>(PAC_2A × 4 × .75 × 3) / 365</td>
<td>PAC_3A = 3</td>
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#### Derived Variable Specifications

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### Canadian Community Health Survey

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#### PACDEEM

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| 0 | \((PAC_3M = DK, R, NS)\) | Required question was not answered (don’t know, refusal, not stated) | DOWNHILL SKIING OR SNOWBOARDING |

#### PACDEEP

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| 0 | \((PAC_3N = DK, R, NS)\) | Required question was not answered (don’t know, refusal, not stated) | BASEBALL OR SOFTBALL |

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<td>VOLLEYBALL</td>
</tr>
<tr>
<td>(PAC_2S × 4 × 1 × 5) / 365</td>
<td>PAC_3S = 4</td>
<td>Calculate EE for &gt; 60 min*</td>
<td>VOLLEYBALL</td>
</tr>
</tbody>
</table>

**PACDEET**

| 0 | PAC_3T = NA | Did not participate in activity | BASKETBALL |

November 2013
<table>
<thead>
<tr>
<th>Derived Variable Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PACDEEU</strong></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td><strong>PAC_3U = NA</strong> Did not participate in activity <strong>OTHER (U)</strong></td>
</tr>
<tr>
<td><strong>PACDEEW</strong></td>
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</tr>
<tr>
<td>0</td>
<td><strong>PAC_3W = NA</strong> Did not participate in activity <strong>OTHER (W)</strong></td>
</tr>
<tr>
<td><strong>PACDEEX</strong></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td><strong>PAC_3X = NA</strong> Did not participate in activity <strong>OTHER (X)</strong></td>
</tr>
<tr>
<td><strong>PACDEEZ</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 0                             | **PAC_3Z = NA** Did not participate in activity **SOCcer**

Required question was not answered (don’t know, refusal, not stated)

- **BASKETBALL**
  - Calculate EE for < 15 min*
  - Calculate EE for 16 to 30 min*
  - Calculate EE for 31 to 60 min*
  - Calculate EE for > 60 min*

- **OTHER (U)**
  - Calculate EE for < 15 min*
  - Calculate EE for 16 to 30 min*
  - Calculate EE for 31 to 60 min*
  - Calculate EE for > 60 min*

- **OTHER (W)**
  - Calculate EE for < 15 min*
  - Calculate EE for 16 to 30 min*
  - Calculate EE for 31 to 60 min*
  - Calculate EE for > 60 min*

- **OTHER (X)**
  - Calculate EE for < 15 min*
  - Calculate EE for 16 to 30 min*
  - Calculate EE for 31 to 60 min*
  - Calculate EE for > 60 min*

- **SOCcer**
  - Required question was not answered (don’t know, refusal, not stated)
### Derived Variable Specifications

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<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
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</tr>
<tr>
<td>99.9</td>
</tr>
<tr>
<td>0</td>
</tr>
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</table>

- **PACDEEA +**
- **(0 <= PACDEEA < NA) and**
- **Total daily energy expenditure (kcal/kg/day)**
- **(rounded to one decimal place)**
- **(min: 0.0; max: 99.5)**

### Participant In Leisure Time Physical Activity

**Variable name:** PACFLEI  
**Based on:** PAC_1V  
**Description:** This variable indicates whether the respondent participated in any leisure time physical activities in the three months prior to the interview.  
**Source:** Ontario Health Survey  
**Internet site:** [www.chass.utoronto.ca/datalib/codebooks/utm/ohs/ohs90.htm](http://www.chass.utoronto.ca/datalib/codebooks/utm/ohs/ohs90.htm)

### Specifications

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Canadian Community Health Survey

Derived Variable Specifications

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<tr>
<td>2</td>
<td>PAC_1V = 1 Does not participate in leisure time physical activity</td>
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<td>1</td>
<td>PAC_1V = 2 Participates in leisure time physical activity</td>
</tr>
<tr>
<td>9</td>
<td>(PAC_1V = DK, R, NS) Required question was not answered (don’t know, refusal, not stated)</td>
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</tbody>
</table>

3) Average Monthly Frequency of Leisure Time Physical Activity Lasting Over 15 Minutes

Variable name: PACDFM


Description: This variable measures the total number of times per month that respondents took part in leisure time physical activity(ies) lasting more than 15 minutes.

Note: The survey questions refer to “the past three months”. This variable calculates a one-month average by dividing the total reported frequency by three.

Source: Ontario Health Survey

Internet site: www.chass.utoronto.ca/datalib/codebooks/utm/ohs/ohs90.htm

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<tr>
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<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PACT2A</td>
<td>0</td>
<td>(PAC_3A = 1, NA, DK, R, NS) Set all values for PAC_2A (number of times/3months respondents took part in physical activity) to 0 if PAC_3A is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
<td></td>
</tr>
<tr>
<td>PACT2B</td>
<td>0</td>
<td>(PAC_3B = 1, NA, DK, R, NS) Set all values for PAC_2B (number of times/3months respondents took part in physical activity) to 0 if PAC_3B is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
<td></td>
</tr>
<tr>
<td>PACT2C</td>
<td>0</td>
<td>(PAC_3C = 1, NA, DK, R, NS) Set all values for PAC_2C (number of times/3months respondents took part in physical activity) to 0 if PAC_3C is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
<td></td>
</tr>
<tr>
<td>PACT2D</td>
<td>0</td>
<td>(PAC_3D = 1, NA, DK, R, NS) Set all values for PAC_2D (number of times/3months respondents took part in physical activity) to 0 if PAC_3D is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
<td></td>
</tr>
<tr>
<td>PACT2E</td>
<td>0</td>
<td>(PAC_3E = 1, NA, DK, R, NS) Set all values for PAC_2E (number of times/3months respondents took part in physical activity) to 0 if PAC_3E is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
<td></td>
</tr>
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</table>

November 2013
<table>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>PACT2G</strong></td>
<td>Set all values for PAC_2G (number of times/3months respondents took part in physical activity) to 0 if PAC_3G is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3G = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2H</strong></td>
<td>Set all values for PAC_2H (number of times/3months respondents took part in physical activity) to 0 if PAC_3H is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3H = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2I</strong></td>
<td>Set all values for PAC_2I (number of times/3months respondents took part in physical activity) to 0 if PAC_3I is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3I = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2J</strong></td>
<td>Set all values for PAC_2J (number of times/3months respondents took part in physical activity) to 0 if PAC_3J is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3J = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2K</strong></td>
<td>Set all values for PAC_2K (number of times/3months respondents took part in physical activity) to 0 if PAC_3K is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3K = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2L</strong></td>
<td>Set all values for PAC_2L (number of times/3months respondents took part in physical activity) to 0 if PAC_3L is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3L = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2M</strong></td>
<td>Set all values for PAC_2M (number of times/3months respondents took part in physical activity) to 0 if PAC_3M is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3M = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2N</strong></td>
<td>Set all values for PAC_2N (number of times/3months respondents took part in physical activity) to 0 if PAC_3N is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3N = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2O</strong></td>
<td>Set all values for PAC_2O (number of times/3months respondents took part in physical activity) to 0 if PAC_3O is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer question)</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_3O = 1, NA, DK, R, NS)</td>
</tr>
<tr>
<td><strong>PACT2P</strong></td>
<td></td>
</tr>
<tr>
<td>Value</td>
<td>Condition(s)</td>
</tr>
<tr>
<td>-------</td>
<td>--------------</td>
</tr>
<tr>
<td>999</td>
<td>ADM_PRX = 1</td>
</tr>
</tbody>
</table>
4) Frequency of All Leisure Time Physical Activity Lasting Over 15 Minutes

Variable name: PACDFR
Based on: PACDFM
Description: This variable classifies respondents according to their pattern, or regularity of leisure time physical activity lasting more than 15 minutes.
Note: This variable uses values for the derived variable Monthly Frequency of Physical Activity (PACDFM). The values for PACDFM reflect a one-month average based on data reported for a three-month period.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>9</td>
<td>PACDFM = NS</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(12 &lt;= PACDFM &lt; NA)</td>
<td>Regular practice of leisure time activities</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(4 &lt;= PACDFM &lt; 12)</td>
<td>Occasional practice of leisure time activities</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>PACDFM &lt; 4</td>
<td>Infrequent practice of leisure time activities</td>
<td></td>
</tr>
</tbody>
</table>

5) Participant In Daily Leisure Time Physical Activity Lasting Over 15 Minutes

Variable name: PACFD
Based on: PACDFM
Description: This variable indicates whether the respondent participated daily in leisure time physical activity lasting over 15 minutes.

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This variable is based on values for Monthly Frequency of Physical Activity (PACDFM). Values for PACDFM reflect a one-month average based on data reported for a three-month period.

### Specifications

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>9</td>
<td>PACDFM = NS</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(30 &lt;= PACDFM &lt; NA)</td>
<td>Participates in daily physical activity</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>PACDFM &lt; 30</td>
<td>Does not participate in daily physical activity</td>
<td></td>
</tr>
</tbody>
</table>

### 6) Leisure Time Physical Activity Index

**Variable name:** PACDPAI  
**Based on:** PACDEE  
**Description:** This variable categorizes respondents as being "active", "moderately active", or "inactive" in their leisure time based on the total daily Energy Expenditure values (kcal/kg/day) calculated for PACDEE.

**Note:** The Physical Activity Index follows the same criteria used to categorize individuals in the Ontario Health Survey (OHS) and in the Campbell's Survey on Well Being.

**Internet site:** Campbell Survey on Well-Being in Canada: http://www.cflri.ca/pdf/e/88wpk.pdf

### Specifications

<table>
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<tbody>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>9</td>
<td>PACDEE = NS</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(3 &lt;= PACDEE &lt; NA)</td>
<td>Active</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(1.5 &lt;= PACDEE &lt; 3.0)</td>
<td>Moderately active</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(0 &lt;= PACDEE &lt; 1.5)</td>
<td>Inactive</td>
<td></td>
</tr>
</tbody>
</table>

### 7) Transportation and Leisure Time Physical Activity Index

**Variable name:** PACDLTI  
**Based on:** PACDTLE  
**Description:** This variable categorizes respondents as being "active", "moderately active", or "inactive" in their transportation and leisure time based on the total daily Energy Expenditure values (kcal/kg/day) calculated for PACDTLE.

**Note:** Transportation and Leisure Time Physical Activity Index follows the same criteria used in PACDPAI (Leisure Time Physical Activity Index).

Transportation physical activity is not collected exclusively in CCHS. For this reason, collected information cannot be presented separately from the leisure time physical activities.

### Specifications

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<th>Condition(s)</th>
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<th>Notes</th>
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<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
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### Canadian Community Health Survey

#### Derived Variable Specifications

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<th>Notes</th>
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<tbody>
<tr>
<td>9</td>
<td>PACDTLE = NS</td>
<td>Required question was not answered (not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(3 &lt;= PACDTLE &lt; NA)</td>
<td>Active</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(1.5 &lt;= PACDTLE &lt; 3.0)</td>
<td>Moderately active</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(0 &lt;= PACDTLE &lt; 1.5)</td>
<td>Inactive</td>
<td></td>
</tr>
</tbody>
</table>

### 8) Daily Energy Expenditure in Transportation and Leisure Time Physical Activities

**Variable name:** PACDTLE

**Based on:** PACDEE, PAC_Q7, PAC_Q7A, PAC_Q7B, PAC_Q8, PAC_Q8A, PAC_Q8B

**Description:** This variable is a measure of the average daily energy expended during transportation and leisure time physical activities by the respondent in the past three months.

**Note:** For more information on how this derived variable is calculated, see note in PACDEE (Daily Energy Expenditure in Leisure Time Physical Activities).

#### Temporary Reformat

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<td>PACDTEA</td>
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<tr>
<td>0</td>
<td>PAC_7B = NA</td>
<td>Did not participate in transportation or leisure time physical activity</td>
<td>TRANSPORTATION N - WALKING</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_7B = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>TRANSPORTATION N - WALKING</td>
</tr>
<tr>
<td>(PAC_7A × 4 × ( \frac{.2167 × 3}{365} )) / 365</td>
<td>PAC_7B = 1</td>
<td>Calculate EE for &lt; 15 min*</td>
<td>TRANSPORTATION N - WALKING</td>
</tr>
<tr>
<td>(PAC_7A × 4 × ( \frac{.3833 × 3}{365} )) / 365</td>
<td>PAC_7B = 2</td>
<td>Calculate EE for 16 to 30 min*</td>
<td>TRANSPORTATION N - WALKING</td>
</tr>
<tr>
<td>(PAC_7A × 4 × ( \frac{.75 × 3}{365} )) / 365</td>
<td>PAC_7B = 3</td>
<td>Calculate EE for 31 to 60 min*</td>
<td>TRANSPORTATION N - WALKING</td>
</tr>
<tr>
<td>(PAC_7A × 4 × ( \frac{1 × 3}{365} )) / 365</td>
<td>PAC_7B = 4</td>
<td>Calculate EE for &gt; 60 min*</td>
<td>TRANSPORTATION N - WALKING</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>PACDTED</th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>PAC_8B = NA</td>
<td>Did not participate in transportation or leisure time physical activity</td>
<td>TRANSPORTATION N - BICYCLING</td>
</tr>
<tr>
<td>0</td>
<td>(PAC_8B = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>TRANSPORTATION N - BICYCLING</td>
</tr>
<tr>
<td>(PAC_8A × 4 × ( \frac{.2167 × 4}{365} )) / 365</td>
<td>PAC_8B = 1</td>
<td>Calculate EE for &lt; 15 min*</td>
<td>TRANSPORTATION N - BICYCLING</td>
</tr>
<tr>
<td>(PAC_8A × 4 × ( \frac{.3833 × 4}{365} )) / 365</td>
<td>PAC_8B = 2</td>
<td>Calculate EE for 16 to 30 min*</td>
<td>TRANSPORTATION N - BICYCLING</td>
</tr>
<tr>
<td>(PAC_8A × 4 × ( \frac{.75 × 4}{365} )) / 365</td>
<td>PAC_8B = 3</td>
<td>Calculate EE for 31 to 60 min*</td>
<td>TRANSPORTATION N - BICYCLING</td>
</tr>
<tr>
<td>(PAC_8A × 4 × ( \frac{1 × 4}{365} )) / 365</td>
<td>PAC_8B = 4</td>
<td>Calculate EE for &gt; 60 min*</td>
<td>TRANSPORTATION N - BICYCLING</td>
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#### Specifications

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<th>Description</th>
<th>Notes</th>
</tr>
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<tr>
<td>99.9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
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</table>

Canadian Community Health Survey

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## Canadian Community Health Survey

### Derived Variable Specifications

<table>
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<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99.9</td>
<td>( \text{PACDEE} = \text{DK, R, NS} ) or ( \text{PAC}_7 = \text{DK, R, NS} ) or ( \text{PAC}_8 = \text{DK, R, NS} )</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>0</td>
<td>( \text{PACDEE} = 0 ) and ( \text{PAC}_7 = 2, 3 ) and ( \text{PAC}_8 = 2, 3 )</td>
<td>No transportation or leisure time physical activity</td>
<td></td>
</tr>
<tr>
<td>PACDEE + PACDTEA + PACDTED</td>
<td>( 0 \leq \text{PACDEE} &lt; \text{NA} ) and ( 0 \leq \text{PACDTEA} &lt; \text{NA} ) and ( 0 \leq \text{PACDTED} &lt; \text{NA} )</td>
<td>Total daily energy expenditure (kcal/kg/day) (rounded to one decimal place)</td>
<td>(min: 0.0; max: 99.5)</td>
</tr>
</tbody>
</table>

### 9 ) Participant In Transportation or Leisure Time Physical Activity

**Variable name:** PACFLTI  
**Based on:** PAC_1V, PAC_7, PAC_8  
**Description:** This variable indicates whether the respondent participated in any transportation or leisure time physical activities in the three months prior to the interview.  
**Note:** In 2010, the programming of the response categories for this derived variable were changed. Respondents who provided a mix of valid answer and non response to PAC_1V, PAC_7, or PAC_8 have been coded to category 1 or 2 in PACFLTI. Previously, if they provided a non response to either PAC_1V, PAC_7, or PAC_8 they were coded as non response in PACFLTI.

<table>
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<th>Condition(s)</th>
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<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>PAC_1V = 2 or PAC_7 = 1 or PAC_8 = 1</td>
<td>Participates in transportation or leisure time physical activity</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>( \text{PAC}_1V = 1 ) and ( \text{PAC}_7 = 2, 3 ) and ( \text{PAC}_8 = 2, 3 )</td>
<td>Does not participate in transportation or leisure time physical activity</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>( \text{PAC}_1V = \text{DK, R, NS} ) or ( \text{PAC}_7 = \text{DK, R, NS} ) or ( \text{PAC}_8 = \text{DK, R, NS} )</td>
<td>Required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>
Positive Mental Health (2 DVs)

This module is the Mental Health Continuum - Short Form (MHC-SF) instrument developed by Dr. Corey Keyes. The MHC-SF consists of 14 items that can be used to classify individuals as having flourishing, languishing, or moderate mental health. Of the 14 items, 3 are used to measure emotional well-being (items 1 to 3), while the other 11 items (4 to 14) are used to measure positive functioning.

There are two different ways to summarize the responses in this module. The two main derived variables are:

1. A categorical derived variable (DV) that classifies individuals as having flourishing, languishing, or moderate mental health (PMHDCLA). This is the most widely used DV for this module.

2. A DV used to calculate a continuous score (PMHDSCR) ranging from 0 to 70, where higher scores indicate higher level of positive mental health.

For both DVs, a temporary reformat is needed to rescale and invert the values for responses to each of the items in the MHC-SF (see below).

Four temporary variables are also needed to classify respondents' high emotional well-being (PMHTHEM), low emotional well-being (PMHTLEM), high functioning (PMHTHFU), and low functioning (PMHTLFU). They should be treated as preliminary steps towards the final specification of the categorical DV (PMHDCLA), which is the main variable that should be used for analysis.

Note: Permission to use this instrument in the CCHS Annual component was granted to Statistics Canada by Dr. Corey Keyes.


<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMHT01 (6 - PMH_01)</td>
<td>PMH_01 &lt;= 6</td>
<td>Rescale and invert from “1 to 6” to “5 to 0”, where 0 is “Never” and 5 is “Every day”.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>PMH_01 &gt; 6</td>
<td>Respondent did not provide answer the required question.</td>
<td></td>
</tr>
<tr>
<td>PMHT02 (6 - PMH_02)</td>
<td>PMH_02 &lt;= 6</td>
<td>Rescale and invert from “1 to 6” to “5 to 0”, where 0 is “Never” and 5 is “Every day”.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>PMH_02 &gt; 6</td>
<td>Respondent did not provide answer the required question.</td>
<td></td>
</tr>
<tr>
<td>PMHT03 (6 - PMH_03)</td>
<td>PMH_03 &lt;= 6</td>
<td>Rescale and invert from “1 to 6” to “5 to 0”, where 0 is “Never” and 5 is “Every day”.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>PMH_03 &gt; 6</td>
<td>Respondent did not provide answer the required question.</td>
<td></td>
</tr>
<tr>
<td>PMHT04 (6 - PMH_04)</td>
<td>PMH_04 &lt;= 6</td>
<td>Rescale and invert from “1 to 6” to “5 to 0”, where 0 is “Never” and 5 is “Every day”.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>PMH_04 &gt; 6</td>
<td>Respondent did not provide answer the required question.</td>
<td></td>
</tr>
<tr>
<td>PMHT05 (6 - PMH_05)</td>
<td>PMH_05 &lt;= 6</td>
<td>Rescale and invert from “1 to 6” to “5 to 0”, where 0 is “Never” and 5 is “Every day”.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>PMH_05 &gt; 6</td>
<td>Respondent did not provide answer the required question.</td>
<td></td>
</tr>
<tr>
<td>PMHT06 (6 - PMH_06)</td>
<td>PMH_06 &lt;= 6</td>
<td>Rescale and invert from “1 to 6” to “5 to 0”, where 0 is “Never” and 5 is “Every day”.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>PMH_06 &gt; 6</td>
<td>Respondent did not provide answer the required question.</td>
<td></td>
</tr>
<tr>
<td>PMHT07 (6 - PMH_07)</td>
<td>PMH_07 &lt;= 6</td>
<td>Rescale and invert from “1 to 6” to “5 to 0”, where 0 is “Never” and 5 is “Every day”.</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>PMH_07 &gt; 6</td>
<td>Respondent did not provide answer the required question.</td>
<td></td>
</tr>
<tr>
<td>PMHT08</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1) Positive Mental Health Classification

Variable name: PMHDCLA

Based on: PMHDHEM, PMHDHFU, PMHDLEM, PMHDLFU

Description: This variable assigns respondents to one of the following categories: flourishing, languishing or moderate mental health. This variable represents the recommended classification of the Mental Health Continuum - Short Form (MHC-SF) (Keyes, 2009).

To be classified as having flourishing mental health, respondents must experience “high levels” of at least 1 of the 3 measures of emotional well-being and at least 6 of the 11 measures of positive functioning. High levels are defined as experiencing an item “everyday” or “almost every day” during the past month.

To be classified as having languishing mental health, respondents must report “low levels” on at least 1 of the 3 measures of emotional well-being and on at least 6 of the 11 measures of positive functioning. Low levels are defined as experiencing an item “never” or “once or twice” during the past month.

Individuals who are neither flourishing nor languishing are classified as having moderate mental health.

Due to the frequency of “Don’t know” and “Refusal” responses to various items in the PMH module, missing data (“Don’t know”, “Refusal”, “Not stated”) are included in the calculation of this DV. For this DV (PMHDCLA) a “Not Stated” (9) value is assigned only when all of the module items (PMH_01 - PMH_14) have a value of 97, 98, or 99 (“Don’t know”, “Refusal”, “Not stated”).

Note: The classification is based on the following criteria:

(1) Individuals are classified as “flourishing” if they feel at least 1 of the 3 emotional well-being symptoms (items 1-3) “everyday.”

(2) Individuals are classified as “languishing” if they feel at least 1 of the 3 emotional well-being symptoms (items 1-3) “never.”

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day” or “almost every day” and feel at least 6 of the 11 positive functioning symptoms (items 4-14) “every day” or “almost every day” in the past month.

(2) Individuals are classified as “languishing” if they feel at least 1 of the 3 emotional well-being symptoms (items 1-3) “never” or “once or twice” and feel at least 6 of the 11 positive functioning symptoms (items 4-14) “never” or “once or twice” in the past month.

(3) Individuals who are neither “languishing” nor “flourishing” are then coded as “moderate mental health”.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOPMH = 2</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - Proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>9</td>
<td>(PMHDHEM = 9 or PMHDLEM = 9) and (PMHDHFU = 9 or PMHDLFU = 9)</td>
<td>Respondent did not answer any of the required questions (don’t know, refusal, not stated).</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>PMHDHEM = 1 and PMHDHFU = 1</td>
<td>Flourishing Mental Health (high emotional well-being and high positive functioning)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>PMHDLEM = 1 and PMHDLFU = 1</td>
<td>Languishing Mental Health (low emotional well-being and low positive functioning)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Else</td>
<td>Moderate Mental Health (all cases not coded as NS, flourishing, or languishing)</td>
<td></td>
</tr>
</tbody>
</table>

2) Positive Mental Health Continuous Score

Variable name: PMHDSRCR

Based on: PMH_01, PMH_02, PMH_03, PMH_04, PMH_05, PMH_06, PMH_07, PMH_08, PMH_09, PMH_10, PMH_11, PMH_12, PMH_13, PMH_14

Description: This variable is used to measure the continuous score of the Mental Health Continuum - Short Form (MHC-SF). The range is 0-70. Higher scores indicate higher levels of positive mental health.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>PMH_01 in (97, 98, 99) or PMH_02 in (97, 98, 99) or PMH_03 in (97, 98, 99) or PMH_04 in (97, 98, 99) or PMH_05 in (97, 98, 99) or PMH_06 in (97, 98, 99) or PMH_07 in (97, 98, 99) or PMH_08 in (97, 98, 99) or PMH_09 in (97, 98, 99) or PMH_10 in (97, 98, 99) or PMH_11 in (97, 98, 99) or PMH_12 in (97, 98, 99) or PMH_13 in (97, 98, 99) or PMH_14 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>
PMHT01 + (PMHT01 <= 5) and (PMHT01 >= 0) and Score obtained on the Positive Mental Health Continuum - Short Form (min:0; max:70)

<table>
<thead>
<tr>
<th>Score</th>
<th>ADM_PRX</th>
<th>Module not asked - proxy interview</th>
<th>NS</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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## 1) Cause of health problem

**Variable name:** RACG5  
**Based on:** RAC_5  
**Description:** This variable indicates the cause of the respondent's health problem. It is a regrouping of RAC_5.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>RAC_5 = NA</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>NS</td>
<td>RAC_5 = DK, R or NS</td>
<td>Not stated</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1 &lt;= RAC_5 &lt;= 4</td>
<td>Injury (includes injury at home, sports or recreation, motor vehicle, work related)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>RAC_5 = 7</td>
<td>Disease or illness</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>RAC_5 = 8</td>
<td>Aging</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>RAC_5 = 5</td>
<td>Existed at birth or genetic</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>RAC_5 = 6</td>
<td>Work conditions</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>RAC_5 = 9 or RAC_5 = 10 or RAC_5 = 11</td>
<td>Other (psychological/physical abuse, use of alcohol or drugs, other)</td>
<td></td>
</tr>
</tbody>
</table>

## 2) Impact of Health Problems

**Variable name:** RACDIMP  
**Based on:** RAC_2A, RAC_2B1, RAC_2B2, RAC_2C  
**Description:** This variable is a crude measure of the impact of long-term physical conditions, mental conditions and health problems on the principal domains of life: home, work, school, and other activities.

**Note:** This variable should not be used to describe the rate of disability or activity limitation in the population. The questions used to derive this variable, plus RAC_1, were asked in the 2006 Census of Population to identify a sample for the 2006 post-censal Participation and Activity Limitation Survey (PALS).

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>RAC_2A = 2 or RAC_2B1 = 2 or RAC_2B2 = 2 or RAC_2C = 2</td>
<td>Often</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>RAC_2A = 1 or RAC_2B1 = 1 or RAC_2B2 = 1 or RAC_2C = 1</td>
<td>Sometimes</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>RAC_2A = 3 and (RAC_2B1 = 3, 4) and (RAC_2B2 = 3, 4) and RAC_2C = 3</td>
<td>Never</td>
<td></td>
</tr>
</tbody>
</table>
# Participation and Activity Limitation

**Variable name:** RACDPAL  
Based on: RAC_1, RAC_2A, RAC_2B1, RAC_2B2, RAC_2C  
Description: This variable classifies respondents according to the frequency with which they experience activity limitations imposed on them by a condition(s) or by long-term physical and/or mental health problems that has lasted or is expected to last 6 months or more.  
Note: This variable is the same as RACDIMP with the exception that RAC_1 is used in the calculation. This variable is a modification of the Participation and Activity Limitation Survey (PALS) derived variables. Whereas PALS treats non-response (DK, R) as a negative response (set to "Never"), CCHS treats them as non-response and the derived variable is set to not-stated.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
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<tr>
<td>9</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>
## Repetitive strain injuries (1 DV)

### 1 ) Repetitive strain injury

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>REP_3 = NA</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>NS</td>
<td>REP_3 = NS</td>
<td>Respondent did not answer (don't know, refusal, not specified)</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>REP_3 = 2</td>
<td>Neck</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>REP_3 = 3</td>
<td>Shoulder/upper arm</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>REP_3 = 4</td>
<td>Elbow/lower arm</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>REP_3 = 5</td>
<td>Wrist/hand</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>REP_3 = 8</td>
<td>Knee/lower leg</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>REP_3 = 9</td>
<td>Ankle/foot</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>REP_3 = 10</td>
<td>Upper back/upper spine</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>REP_3 = 11</td>
<td>Lower back/lower spine</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>REP_3 = 1 or REP_3 = 6 or REP_3 = 7 or REP_3 = 12, REP_3 = 13</td>
<td>Other(includes head, hip, thigh, chest, abdomen or pelvis)</td>
<td></td>
</tr>
</tbody>
</table>
Sedentary activities (6 DVs)

1) Number of hours - on a computer - past 3 mo - (G)

Variable name: SACG1
Based on: SAC_1
Description: This variable indicates how much time the respondent, in a typical week in the past 3 months, spends on a computer, including playing computer games and using the Internet.
Note: Includes only leisure time activities. This grouped variable is very similar to the SAC_1 variable produced previous to 2009 (where the number of hours was given using answer categories instead of precise value).

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>SAC_1 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>SAC_1 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>SAC_1 = 0</td>
<td>None or less than 1 hour</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SAC_1 in (1, 2)</td>
<td>From 1 to 2 hours</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SAC_1 in (3, 4, 5)</td>
<td>From 3 to 5 hours</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SAC_1 in (6, 7, 8, 9, 10)</td>
<td>From 6 to 10 hours</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>SAC_1 in (11, 12, 13, 14)</td>
<td>From 11 to 14 hours</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>SAC_1 in (15, 16, 17, 18, 19, 20)</td>
<td>From 15 to 20 hours</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>SAC_1 &gt;= 21</td>
<td>More than 20 hours</td>
<td></td>
</tr>
</tbody>
</table>

2) Number of hours - playing video games - past 3 mo - (G)

Variable name: SACG2
Based on: SAC_2
Description: This variable indicates how much time the respondent, in a typical week in the past 3 months, spends playing video games, such as XBOX, Nintendo and Playstation.
Note: Includes only leisure time activities. This grouped variable is very similar to the SAC_2 variable produced previous to 2009 (where the number of hours was given using answer categories instead of precise value).

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>SAC_2 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>SAC_2 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>SAC_2 = 0</td>
<td>None or less than 1 hour</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SAC_2 in (1, 2)</td>
<td>From 1 to 2 hours</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SAC_2 in (3, 4, 5)</td>
<td>From 3 to 5 hours</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SAC_2 in (6, 7, 8, 9, 10)</td>
<td>From 6 to 10 hours</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>SAC_2 in (11, 12, 13, 14)</td>
<td>From 11 to 14 hours</td>
<td></td>
</tr>
</tbody>
</table>
### 3) Number of hours - watching tv/videos - past 3 mo - (G)

**Variable name:** SACG3  
**Based on:** SAC_3  
**Description:** This variable indicates how much time the respondent, in a typical week in the past 3 months, spends watching television or videos. Includes only leisure time activities. This grouped variable is very similar to the SAC_3 variable produced previous to 2009 (where the number of hours was given using answer categories instead of precise value).

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>SAC_3 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>SAC_3 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>SAC_3 = 0</td>
<td>None or less than 1 hour</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SAC_3 in (1, 2)</td>
<td>From 1 to 2 hours</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SAC_3 in (3, 4, 5)</td>
<td>From 3 to 5 hours</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SAC_3 in (6, 7, 8, 9, 10)</td>
<td>From 6 to 10 hours</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>SAC_3 in (11, 12, 13, 14)</td>
<td>From 11 to 14 hours</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>SAC_3 in (15, 16, 17, 18, 19, 20)</td>
<td>From 15 to 20 hours</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>SAC_3 in (21, 22, 23, 24, 25)</td>
<td>From 21 to 25 hours</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>SAC_3 in (26, 27, 28, 29, 30)</td>
<td>From 26 to 30 hours</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>SAC_3 &gt;= 31</td>
<td>More than 30 hours</td>
<td></td>
</tr>
</tbody>
</table>

### 4) Number of hours - reading - past 3 mo - (G)

**Variable name:** SACG4  
**Based on:** SAC_4  
**Description:** This variable indicates how much time the respondent, in a typical week in the past 3 months, spends reading, not counting at work or at school.  
**Note:** Includes only leisure time activities. This grouped variable is very similar to the SAC_4 variable produced previous to 2009 (where the number of hours was given using answer categories instead of precise value).

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>SAC_4 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>SAC_4 in (97, 98, 99)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>SAC_4 = 0</td>
<td>None or less than 1 hour</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SAC_4 in (1, 2)</td>
<td>From 1 to 2 hours</td>
<td></td>
</tr>
</tbody>
</table>
### 5) Total Number of Hours Per Week Spent In Sedentary Activities

**Variable name:** SACDTOT  
**Based on:** SAC_1, SAC_2, SAC_3, SAC_4  
**Description:** This variable estimates the total number of hours the respondent spent in a typical week in the past three months in sedentary activities including using a computer (including playing computer games), using the Internet, playing video games (e.g. Nintendo, PlayStation) (for respondents aged 25 or less), watching television or videos and reading. For all activities, the time spent at school or work is excluded.

#### Temporary Reformat

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<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>996</td>
<td>SAC_1 = NA</td>
<td>Population exclusion</td>
<td>NA</td>
</tr>
<tr>
<td>999</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>999</td>
<td>(SAC_1 = DK, R, NS) or (SAC_2 = DK, R, NS) or (SAC_3 = DK, R, NS) or (SAC_4 = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

#### Specifications

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<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
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<td>NA</td>
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<td>99</td>
<td>SAC = NS</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
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<tr>
<td>99</td>
<td>SAC = NS</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(0 &lt;= SAC &lt; 5)</td>
<td>Less than 5 hours</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(5 &lt;= SAC &lt; 10)</td>
<td>From 5 to 9 hours</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(10 &lt;= SAC &lt; 15)</td>
<td>From 10 to 14 hours</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>(15 &lt;= SAC &lt; 20)</td>
<td>From 15 to 19 hours</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>(20 &lt;= SAC &lt; 25)</td>
<td>From 20 to 24 hours</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>(25 &lt;= SAC &lt; 30)</td>
<td>From 25 to 29 hours</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>(30 &lt;= SAC &lt; 35)</td>
<td>From 30 to 34 hours</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
### Variable name:
SACDTER

### Based on:
SAC_1, SAC_2, SAC_3

### Description:
This variable estimates the total number of hours the respondent spent in a typical week in the past three months in sedentary activities including using a computer (including playing computer games), using the Internet, playing video games (e.g. Nintendo, PlayStation) for respondents aged less than 25, and watching television or videos. For all activities, the time spent at school or work is excluded. Time spent in reading is not included.

#### Temporary Reformat

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<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>996</td>
<td>SAC_1 = NA</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>999</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>999</td>
<td>(SAC_1 = DK, R, NS) or (SAC_2 = DK, R, NS) or (SAC_3 = DK, R, NS)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

#### Specifications

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<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>SACTTER = NA</td>
<td>Population exclusion</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>SACTTER = NS</td>
<td>Module not asked - proxy interview or at least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(0 &lt;= SACTTER &lt; 5)</td>
<td>Less than 5 hours</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(5 &lt;= SACTTER &lt; 10)</td>
<td>From 5 to 9 hours</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(10 &lt;= SACTTER &lt; 15)</td>
<td>From 10 to 14 hours</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>(15 &lt;= SACTTER &lt; 20)</td>
<td>From 15 to 19 hours</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>(20 &lt;= SACTTER &lt; 25)</td>
<td>From 20 to 24 hours</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>(25 &lt;= SACTTER &lt; 30)</td>
<td>From 25 to 29 hours</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>(30 &lt;= SACTTER &lt; 35)</td>
<td>From 30 to 34 hours</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>(35 &lt;= SACTTER &lt; 40)</td>
<td>From 35 to 39 hours</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(40 &lt;= SACTTER &lt; 45)</td>
<td>From 40 to 44 hours</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>(45 &lt;= SACTTER &lt; NA)</td>
<td>45 hours or more</td>
<td></td>
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</table>
Smoking cessation methods (1 DV)

1) Attempted/Successful Quitting

Variable name: SCADQUI

Based on: SMKDSTY, SMK_01A, SMK_202, SMK_06A, SMK_09A, SMK_10, SMK_10A, SCA_50, SCH_3

Description: This variable classifies respondents into 4 categories: (a) current daily or occasional smokers who have not tried to quit in the past year, (b) current daily or occasional smokers who have tried to quit unsuccessfully in the past year, (c) former smokers who have successfully quit smoking in the past year and (d) former smokers who have successfully quit smoking more than 1 year ago.

Note: Current non-smokers and respondents who smoked less than 100 cigarettes in their lifetime were excluded from the population. This derived variable can only be calculated for health regions that also selected the Smoking - Stages of Change (SCH) module.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOSCA = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>6</td>
<td>SMK_01A = 2  and SMK_202 = 3</td>
<td>Population exclusion</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(SMK_202 = 1, 2) and (SCA_50 = 2 or SCH_3 = 2)</td>
<td>Did not try to quit last year (current daily or occasional smoker)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(SMK_202 = 1, 2) and (SCA_50 = 1 or SCH_3 = 1)</td>
<td>Tried to quit unsuccessfully in the last year (current daily or occasional smoker)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(SMKDSTY = 4, 5) and (SMK_06A = 1 or SMK_09A = 1 or SMK_10a = 1)</td>
<td>Successfully quit in the last year (former smoker)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>(SMKDSTY = 4, 5) and [(2 &lt;= SMK_06A &lt;=4) or (SMK_10 = 1 and (2 &lt;= SMK_09A &lt;=4)) or (2 &lt;= SMK_10A &lt;=4)]</td>
<td>Successfully quit more than 1 year ago (former smoker)</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>SMKDSTY = NS or (SMK_202 = DK, R, NS) or (SMK_06A = DK, R, NS) or (SMK_09A = DK, R, NS) or (SMK_10 = DK, R, NS) or (SMK_10A = DK, R, NS) or (SCA_50 = DK, R, NS) or (SCH_3 = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>
Smoking - Stages of change (1 DV)

The stages of change model defines five stages of change in the process of smoking cessation:

1) Precontemplation - The person has no intention of changing behaviour in the foreseeable future (for example, quitting smoking).
2) Contemplation - The person is aware of the problem and is seriously thinking about changing the behaviour but has not yet made a commitment to take action or is not confident of being able to sustain the behavioural change (that is, seriously thinking of quitting in the next 30 days but did not try to quit for at least 24 hours in the past 12 months, or seriously thinking of quitting smoking in the next 6 months but not in the next 30 days).
3) Preparation - The person is seriously planning to take action in the next month and is confident of success (that is, seriously thinking of quitting smoking in the next 30 days and has already stopped smoking at least once during the past 12 months).
4) Action - The person has successfully modified the behaviour within the past 6 months (that is, has quit smoking less than six months ago).
5) Maintenance - The person has maintained the behaviour change for at least six months (that is, has quit smoking at least six months ago).

1) Smoking Stages of Change (Current and Former Smokers)

Variable name: SCHDSTG

Based on: SMK_202, SMK_06A, SMK_06B, SMK_09A, SMK_09B, SMK_10, SMK_10A, SMK_10B, SCH_1, SCH_2, SCH_3, SCH_4, ADM_MOI

Description: This variable classifies current and former smokers into categories based on the stages of change model.

<table>
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<tr>
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<th>Notes</th>
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<td>DOSCH= 2</td>
<td>Module not selected</td>
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<tr>
<td>6</td>
<td>SMK_202 = 3 and SMK_01A = 2</td>
<td>Population exclusion</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(SMK_202 = 1, 2) and SCH_1 = 2</td>
<td>Precontemplation stage (Current daily or occasional smokers)</td>
<td></td>
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<tr>
<td>2</td>
<td>(SMK_202 = 1, 2) and [(SCH_1 = 1 and SCH_2 = 2) or (SCH_2 = 1 and SCH_3 = 2)]</td>
<td>Contemplation stage (Current daily or occasional smokers)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(SMK_202 = 1, 2) and SCH_2 = 1 and (1 &lt;= SCH_4 &lt;= 95)</td>
<td>Preparation stage (Current daily or occasional smokers)</td>
<td></td>
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<tr>
<td>4</td>
<td>SMK_202 = 3 and (SMK_06B &lt; 6 months from ADM_MOI) or SMK_202 = 3 and SMK_10 = 1 and (SMK_09B &lt; 6 months from ADM_MOI) or SMK_202 = 3 and (SMK_10B &lt; 6 months from ADM_MOI)</td>
<td>Action stage (Former smoker)</td>
<td>Assesses whether respondent has stopped smoking within 6 months prior to completing survey</td>
</tr>
<tr>
<td>5</td>
<td>SMK_202 = 3 and [(SMK_06A = 2, 3, 4) or (SMK_06B == 6 months from ADM_MOI)] or SMK_202 = 3 and SMK_10 = 1 and [(SMK_9A = 2, 3, 4) or (SMK_09B == 6 months from ADM_MOI)] or SMK_202 = 3 and [(SMK_10A = 2, 3, 4) or (SMK_10B == 6 months from ADM_MOI)]</td>
<td>Maintenance stage (Former smoker)</td>
<td>Assesses whether respondent stopped smoking 6 months or more prior to completing survey</td>
</tr>
<tr>
<td></td>
<td>Derived Variable Specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>--------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(SMK_202 = DK, R, NS) or (SMK_06B = DK, R, NS) or (SMK_09B = DK, R, NS) or (SMK_10B = DK, R, NS) or (SCH_1 = DK, R, NS) or (SCH_2 = DK, R, NS) or (SCH_3 = DK, R, NS) or (SCH_4 = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated) NS</td>
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</tbody>
</table>

Physical activity - Stages of change (1 DV)

1) Stages of changes - physical activity

Variable name: SCPDSTG
Based on: MAM_037, ADM_PRX, SCP_01, SCP_02, SCP_03, SCP_04
Description: The stages of change model defines five stages of change in the process of physical activity.
1. Precontemplation: Respondent reports being a bit or not at all physically active and has no intention to increase physical activity in the next six months.
2. Contemplation: Respondent reports being a bit or not at all physically active and intends to increase physical activity level in the next six months.
3. Preparation: Respondent reports being a bit or not at all physically active and intends to increase physical activity level in the next 30 days.
4. Action: Respondent reports being very or moderately physically active and increased physical activity in the past six months.
5. Maintenance: Respondent reports being very or moderately physically active and did not increase physical activity in past six months.
Source: Transtheoretical model, Cancer Prevention Research Center www.uri.edu/research/cprc/measures/Exercise02.htm.

<table>
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<tr>
<th>Specifications</th>
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<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
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<tr>
<td>5</td>
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</table>
Socio-demographic characteristics (5 DVs)

1 ) First Official Language Spoken

Variable name: SDCDFOLS

Based on: SDC_5A_1, SDCDFL1, SDCDLNG, SDCDLHM

Description: For the censuses, this variable was derived within the framework of the application of the Official Languages Act. The same method for deriving the variable was applied here.

This derivation method is described in the regulations concerning the use of official languages for the provision of public services. It takes into account first the knowledge of the two official languages, second the mother tongue, and third the home language.

People who can conduct a conversation in French only are assigned French as their first official language spoken. People who can carry on a conversation in English only are assigned English as their first official language spoken. The responses to questions on mother tongue and home language are subsequently used to establish the first official language spoken by people who speak both English and French, or who cannot speak either of the two official languages. The French category includes people who have French only or French and at least one non-official language as their mother tongue. People who have English only or English and at least one non-official language as their mother tongue are included in the English category. For cases that have not yet been classified, people are assigned to the French category when they speak French only or French and at least one non-official language as their home language. The procedure is the same for English. Thus, the population is classified into two principal categories: English or French. It is necessary to add two residual categories for people who cannot be classified in accordance with the information available: English and French and neither English nor French.

Please consult the following documents for more information: Regulations respecting communications with and services to the public in either official language, registered on December 16, 1991, in accordance with section 85 of the Official Languages Act, R.S.C., c. 32 (4th suppl.) and Population Estimates by First Official Language Spoken, 1991, Catalogue no. 94-320, Demography Division, Statistics Canada.


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<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
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</thead>
<tbody>
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<td>SDC_5A_1 in (1)</td>
<td>English only</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SDC_5A_1 in (2)</td>
<td>French only</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SDC_5A_1 in (3)</td>
<td>Both English and French</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SDC_5A_1 in (4)</td>
<td>Neither English nor French</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>SDC_5A_1 in (7:9)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

Specifications

<table>
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<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
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<td>1</td>
<td>([SDCTLNG=1 and (SDCDFL1 in (1,2,3,4,5,6,7,99)) and (SDCDLHM in (1,2,3,4,5,6,7,99)]) or ([SDCTLNG=3 and (SDCDFL1=1) and (SDCDLHM in (1,2,3,4,5,6,7,99)]) or ([SDCTLNG=3 and (SDCDFL1=3) and (SDCDLHM in (3,4,7)) and (SDCDLHM in (1,5))]) or ([SDCTLNG=3 and (SDCDFL1=5) and (SDCDLHM in (1,2,3,4,5,6,7,99)]) or ([SDCTLNG=4 and (SDCDFL1=1) and (SDCDLHM in (1,2,3,4,5,6,7,99)]) or ([SDCTLNG=4 and (SDCDFL1=3) and (SDCDLHM in (3,4,5,6,7,99)]) or (SDCDFL1 in (3,4)) and SDCDFL1 in (3,4) and</td>
<td>English</td>
<td></td>
</tr>
</tbody>
</table>
SDCDLHM in (1,5]) or
[(SDCTLNG=4) and
SDCDFL1=5] and
SDCDLHM in (1,2,3,4,5,6,7,99]) or
[(SDCTLNG=4) and
SDCDFL1=7 and
SDCDLHM in (1,5]) or
[(SDCTLNG=9) and
SDCDFL1 in (1,5) and
SDCDLHM in (1,2,3,4,5,6,7,99]) or
[(SDCTLNG=9) and
SDCDFL1 in (3,4,7] and
SDCDLHM in (1,5]) or
[(SDCTLNG=9) and
SDCDFL1 in (1,5) and
(SDCDLHM=99)]

2

[(SDCTLNG=2 and
(SDCDFL1 in (1,2,3,4,5,6,7,99)) and
(SCDLHM in (1,2,3,4,5,6,7,99)) or
[(SDCTLNG=3) and
(SDCDFL1=2) and
SCDLHM in (1,2,3,4,5,6,7,99]) or
[(SDCTLNG=3) and
SDCDFL1 in (3,4,7) and
SDCDLHM in (2,6]) or
[(SDCTLNG=3) and
SDCDFL1=6) and
SDCDLHM in (1,2,3,4,5,6,7,99]) or
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(SDCDFL1=2) and
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SDCDFL1 in (3,4) and
SDCDLHM in (2,6]) or
[(SDCTLNG=4) and
SDCDFL1=6) and
SDCDLHM in (1,2,3,4,5,6,7,99]) or
[(SDCTLNG=4) and
SDCDFL1=7 and
SDCDLHM in (2,6]) or
[(SDCTLNG=9) and
SDCDFL1 in (2,6) and
SDCDLHM in (1,2,3,4,5,6,7,99]) or
[(SDCTLNG=9) and
SDCDFL1 in (3,4,7] and
SDCDLHM in (2,6]) or
[(SDCTLNG=9) and
SDCDFL1 in (7,99) and
SDCDLHM=7,99]) and
(ADM_N12 = 2) and
(ADM_PRX2 = 2 and
PMKPROXY > 1] or
[(SDCTLNG in (3,4,9) and
SDCDFL1=99] and
SDCDLHM in (1,5]) or
[(SDCTLNG=9) and
SDCDFL1 in (1,5) and
SDCDLHM=99)]
2) Language(s) spoken at home - (D, G) - Grouped

Variable name: SDCGLHM

Based on: SDC_5AA, SDC_5AB, SDC_5AC, SDC_5AD, SDC_5AE, SDC_5AF, SDC_5AG, SDC_5AH, SDC_5AI, SDC_5AJ, SDC_5AK, SDC_5AL, SDC_5AM, SDC_5AN, SDC_5AO, SDC_5AP, SDC_5AQ, SDC_5AR, SDC_5AS, SDC_5AT, SDC_5AU, SDC_5AV, SDC_5AW

Description: This variable indicates the language(s) in which the respondent converses at home.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>99</td>
<td>(SDC_5AA = DK, R, NS)</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>(SDC_5AA = 1 and SDC_5AB &gt; 1)</td>
<td>English (with or without language other than French)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(SDC_5AA &gt; 1 and SDC_5AB = 1)</td>
<td>French (with or without language other than English)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>(SDC_5AA = 1 and SDC_5AB = 1)</td>
<td>English &amp; French (with or without other language)</td>
<td></td>
</tr>
</tbody>
</table>
4

(SDC_5AA > 1 and SDC_5AB > 1) and (SDC_5AC = 1 or SDC_5AD = 1 or SDC_5AE = 1 or SDC_5AF = 1 or SDC_5AG = 1 or SDC_5AH = 1 or SDC_5AI = 1 or SDC_5AJ = 1 or SDC_5AK = 1 or SDC_5AL = 1 or SDC_5AM = 1 or SDC_5AN = 1 or SDC_5AO = 1 or SDC_5AP = 1 or SDC_5AQ = 1 or SDC_5AR = 1 or SDC_5AS = 1 or SDC_5AT = 1 or SDC_5AU = 1 or SDC_5AV = 1 or SDC_5AW = 1)

Neither English nor French (Other)

---

### 3) Immigration flag

**Variable name:** SDCFIMM

**Based on:** SDCCC810, SDC_3

**Description:** This variable indicates if the respondent is an immigrant.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

---

### 4) Length of time in Canada since immigration - Grouped

**Variable name:** SDCGRES

**Based on:** SDC_3, ADM_YOI

**Description:** This variable indicates the length of time the respondent’s been in Canada since his/her immigration.

**Note:** Non immigrants were excluded from the population.
ADM_MOI = Month of Interview (unpublished)

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>996</td>
</tr>
<tr>
<td>999</td>
</tr>
</tbody>
</table>

November 2013
### Derived Variable Specifications

<table>
<thead>
<tr>
<th></th>
<th>ADM_YOI (current year) - SDC_3</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(SDC_3 &lt; NA) 0 - 9</td>
<td>Length of time in Canada since immigration (min: 0; max: 9)</td>
</tr>
<tr>
<td>2</td>
<td>(SDC_3 &lt; NA) 10 - 130</td>
<td>Length of time in Canada since immigration (min: 10; max: 130)</td>
</tr>
</tbody>
</table>

### 5) Culture / Race Flag - Grouped

**Variable name:** SDCGC

**Based on:** SDCDCGT, SDC_41

**Description:** This variable indicates the cultural or racial origin of the respondent.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SDC41 = DK, R, NS, SDCDCGT = DK, R, NS</td>
<td>Required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>SDCDCGT = 1</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SDCDCGT = 2 or SDCDCGT = 3 or SDCDCGT = 4 or ... SDCDCGT = 13 or SDC_41 = 1</td>
<td>Non-white (Aboriginal or Other Visible Minority)</td>
<td></td>
</tr>
</tbody>
</table>
## Self-esteem (1 DV)

### Temporary Reformat

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFET501</td>
<td>SFE_501 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(5 - SFE_501)</td>
<td>SFE_501 &lt;= 5</td>
<td>Invert and rescale the question answers from 1 - 5 to 4 - 0</td>
<td></td>
</tr>
<tr>
<td>SFET502</td>
<td>SFE_502 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(5 - SFE_502)</td>
<td>SFE_502 &lt;= 5</td>
<td>Invert and rescale the question answers from 1 - 5 to 4 - 0</td>
<td></td>
</tr>
<tr>
<td>SFET503</td>
<td>SFE_503 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(5 - SFE_503)</td>
<td>SFE_503 &lt;= 5</td>
<td>Invert and rescale the question answers from 1 - 5 to 4 - 0</td>
<td></td>
</tr>
<tr>
<td>SFET504</td>
<td>SFE_504 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(5 - SFE_504)</td>
<td>SFE_504 &lt;= 5</td>
<td>Invert and rescale the question answers from 1 - 5 to 4 - 0</td>
<td></td>
</tr>
<tr>
<td>SFET505</td>
<td>SFE_505 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(5 - SFE_505)</td>
<td>SFE_505 &lt;= 5</td>
<td>Invert and rescale the question answers from 1 - 5 to 4 - 0</td>
<td></td>
</tr>
<tr>
<td>SFET506</td>
<td>SFE_506 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(SFE_506 - 1)</td>
<td>SFE_506 &lt;= 5</td>
<td>Rescale the question answers</td>
<td></td>
</tr>
</tbody>
</table>

### 1) Derived Self-Esteem Scale

<table>
<thead>
<tr>
<th>Variable name:</th>
<th>SFDE1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on:</td>
<td>SFE_501, SFE_502, SFE_503, SFE_504, SFE_505, SFE_506</td>
</tr>
<tr>
<td>Description:</td>
<td>This variable assesses the level of self-esteem (positive feeling) an individual has.</td>
</tr>
<tr>
<td>Note:</td>
<td>Scores on the index are based on a subset of items from the self-esteem Rosenberg scale (1969). The six items have been factored into one dimension in the factor analysis done by Pearlin and Schooler (1978). Higher scores indicate greater self-esteem.</td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DOSFE = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>99</td>
<td>(SFET501 = DK, R, NS) or (SFET502 = DK, R, NS) or (SFET503 = DK, R, NS) or (SFET504 = DK, R, NS) or (SFET505 = DK, R, NS) or (SFET506 = DK, R, NS)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>Derived Variable Specifications</td>
<td>Score obtained on the self-esteem scale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
<td>------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SFET501 +</td>
<td>$(0 \leq SFET501 \leq 4)$ and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SFET502 +</td>
<td>$(0 \leq SFET502 \leq 4)$ and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SFET503 +</td>
<td>$(0 \leq SFET503 \leq 4)$ and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SFET504 +</td>
<td>$(0 \leq SFET504 \leq 4)$ and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SFET505 +</td>
<td>$(0 \leq SFET505 \leq 4)$ and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SFET506</td>
<td>$(0 \leq SFET506 \leq 4)$</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(min: 0; max: 24)

### Sleep (1 DV)

1) Number of hours spent sleeping per night - (G)

**Variable name:** SLPG01  
**Based on:** SLP_01  
**Description:** This variable groups the number of hours spent sleeping per night

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>SLP_01 = 96</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>SLP_01 in (97,98,99)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>SLP_01 = 1 or 2</td>
<td>Under 3 hours</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SLP_01 = 3</td>
<td>3 hours to less than 4 hours</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SLP_01 = 4</td>
<td>4 hours to less than 5 hours</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SLP_01 = 5</td>
<td>5 hours to less than 6 hours</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>SLP_01 = 6</td>
<td>6 hours to less than 7 hours</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>SLP_01 = 7</td>
<td>7 hours to less than 8 hours</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>SLP_01 = 8</td>
<td>8 hours to less than 9 hours</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>SLP_01 = 9</td>
<td>9 hours to less than 10 hours</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>SLP_01 = 10</td>
<td>10 hours to less than 11 hours</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>SLP_01 = 11</td>
<td>11 hours to less than 12 hours</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>SLP_01 = 12</td>
<td>12 hours or more</td>
<td></td>
</tr>
</tbody>
</table>

November 2013
## 1) Type of Smoker

**Variable name:** SMKDISTY

**Based on:** SMK_01A, SMK_01B, SMK_202, SMK_05D

**Description:** This variable indicates the type of smoker the respondent is, based on his/her smoking habits.

**Note:** This variable includes lifetime cigarette consumption.

### Specifications

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SMK_202 = 1</td>
<td>Daily smoker</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SMK_202 = 2 and SMK_05D = 1</td>
<td>Occasional smoker (former daily smoker)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SMK_202 = 2 and (SMK_05D = 2, NA)</td>
<td>Occasional smoker (never a daily smoker or has smoked less than 100 cigarettes lifetime)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SMK_202 = 3 and SMK_05D = 1</td>
<td>Former daily smoker (non-smoker now)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>SMK_202 = 3 and [[SMK_05D = 2 or SMK_05D = 6] and [SMK_01A = 1 or SMK_01B = 1]]</td>
<td>Former occasional smoker (at least 1 whole cigarette, non-smoker now)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>SMK_202 = 3 and SMK_01A = 2 and SMK_01B = 2</td>
<td>Never smoked (a whole cigarette)</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>(SMK_01A = DK, R, NS) or (SMK_01B = DK, R, NS) or (SMK_202 = DK, R, NS) or (SMK_05D = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

**Reference:**
In 2010, the programming of the response categories for this derived variable was changed. Respondents who stated that they were non-smokers, did not smoke more than 100 cigarettes, but have smoked a whole cigarette (SMK_202=3, SMK_05D=5, SMK_01A=2, and SMK_01B=1) were being classified as not stated (SMKDISTY=99) and should have been classified former occasional smokers (at least 1 whole cigarette, non-smoker now)(SMKDISTY=5). Programming was adjusted to ensure that the category was being assigned correctly to all cases.

## 2) Number of Years Since Stopping Smoking Completely - Grouped

**Variable name:** SMKGSTP

**Based on:** SMK_06A, SMK_06C, SMK_09A, SMK_09C, SMK_10, SMK_10A, SMK_10C, SMKDISTY

**Description:** This variable indicates the approximate number of years since former smokers completely quit smoking.

**Note:** Current smokers and respondents who have never smoked a whole cigarette and respondents who did not smoke a total of 100 cigarettes or more lifetime were excluded from the population.
3) Number of Years Smoked Daily (Current Daily Smokers Only)

Variable name: SMKDYCS

Based on: SMK_202, SMK_203, DHH_AGE

Description: This variable indicates the number of years the respondent has smoked daily.

Note: Respondents who are not daily smokers have been excluded from the population. The NPHS variables includes non-smokers and occasional smokers who previously smoked daily.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>996</td>
<td>(SMK_202 = 2, 3)</td>
<td>Population exclusion</td>
<td>NA</td>
</tr>
<tr>
<td>999</td>
<td>(SMK_202 = DK, R, NS) or (SMK_203 = DK, R, NS)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>DHH_AGE - SMK_203 SMK_202 = 1</td>
<td></td>
<td>Number of years smoked daily</td>
<td>(min: 0; max: 125)</td>
</tr>
</tbody>
</table>
# Spirituality (1 DV)

## 1) Grouped Religion

**Variable name:** SPVGR11

**Based on:** SPVGR11

**Description:** This variable groups the values for respondent's religion.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>SPVGR11 = 96</td>
<td>Not applicable</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>SPVGR11 = 99</td>
<td>Not stated</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>SPVGR11 = 2</td>
<td>Christian</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SPVGR11 in (1,3,4,5,6,7,8,9)</td>
<td>Other Religions</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SPVGR11 = 10</td>
<td>No religious affiliation</td>
<td></td>
</tr>
</tbody>
</table>
Social Provisions Scale 10 Items (6 DVs)

This module is based on the Social Provisions Scale (24 items) developed by Cutrona and Russell (1987), and validated in French by Caron (1996). The Social Provisions Scale assesses the six provisions of social relationships described by Weiss (1973, 1974). For this survey, Dr. Caron developed this shorter version with 10 items, which includes the five main social provisions. The abbreviated version maintains the psychometric properties of the original instrument. There are derived variables to measure an overall score on the Social Provisions Scale, as well as sub-scales for the five social provisions assessed in the module. These sub-scales measure Attachment, Guidance, Social Integration, Reliable Alliance, and Reassurance of Worth.

The items related to the Opportunity for Nurturance social provision (providing assistance to others) were not retained for the following reasons:

1) This dimension of social provisions measures more the support offered than the support received;
2) In several research studies carried out previously, this dimension was least related to mental health;
3) To reduce module administration time.

Http://ccutrona.public.iastate.edu/socprov.htm

<table>
<thead>
<tr>
<th>Temporary Reformat</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>SPST01</td>
</tr>
<tr>
<td>SPST02</td>
</tr>
<tr>
<td>SPST03</td>
</tr>
<tr>
<td>SPST04</td>
</tr>
<tr>
<td>SPST05</td>
</tr>
<tr>
<td>SPST06</td>
</tr>
<tr>
<td>SPST07</td>
</tr>
<tr>
<td>SPST08</td>
</tr>
<tr>
<td>SPST09</td>
</tr>
<tr>
<td>SPST10</td>
</tr>
</tbody>
</table>

1) Social Provisions Overall Scale

**Variable name:** SPSDCON

**Based on:** SPS_01, SPS_02, SPS_03, SPS_04, SPS_05, SPS_06, SPS_07, SPS_08, SPS_09, SPS_10

**Description:** This variable is used to measure the overall score for the Social Provisions Scale. The range is 10-40, where a higher score reflects a higher level of perceived social support.

November 2013
### Social Provisions Scale - Attachment

**Variable name:** SPSDATT  
**Based on:** SPS_03, SPS_08  
**Description:** This variable is used to measure the score of the respondent on the "Attachment" sub-scale. A higher score reflects a higher level of perceived "Attachment". Which is defined as emotional closeness.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SPS_03 in (7, 8, 9) or SPS_08 in (7, 8, 9)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
<tr>
<td>SPST03 + SPST08</td>
<td>(1 &lt;= SPS_03 &lt;= 4) and (1 &lt;= SPS_08 &lt;= 4)</td>
<td>Score obtained on Social Provisions Scale - Attachment (min: 2; max 8)</td>
<td></td>
</tr>
</tbody>
</table>

### Social Provisions Scale - Guidance

**Variable name:** SPSDGUI  
**Based on:** SPS_04, SPS_06  
**Description:** This variable is used to measure the score of the respondent on the "Guidance" sub-scale. A higher score reflects a higher level of perceived "Guidance" which is defined as advice or information.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SPS_04 in (7, 8, 9) or SPS_06 in (7, 8, 9)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>
### 4) Social Provisions Scale - Reliable Alliance

**Variable name:** SPSDALL  
**Based on:** SPS_01, SPS_10  
**Description:** This variable is used to measure the score of the respondent on the "Reliable Alliance" sub-scale. A higher score reflects a higher level of perceived "Reliable Alliance" which is defined as assurance that others can be counted on in times of stress.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SPS_01 in (7, 8, 9) or SPS_10 in (7, 8, 9)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

**Specifications**

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SPS_01 in (7, 8, 9) or SPS_10 in (7, 8, 9)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

### 5) Social Provisions Scale - Social Integration

**Variable name:** SPSDINT  
**Based on:** SPS_02, SPS_07  
**Description:** This variable is used to measure the score of the respondent on the "Social Integration" sub-scale. A higher score reflects a higher level of perceived "Social Integration" which is defined as a sense of belonging to a group of friends.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SPS_02 in (7, 8, 9) or SPS_07 in (7, 8, 9)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

**Specifications**

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SPS_02 in (7, 8, 9) or SPS_07 in (7, 8, 9)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

### 6) Social Provisions Scale - Reassurance of Worth

**Variable name:** SPSDWOR  
**Based on:** SPS_05, SPS_09  
**Description:** This variable is used to measure the score of the respondent on the "Reassurance of Worth" sub-scale. A higher score reflects a higher level of perceived "Reassurance of Worth" which is defined as recognition of one's competence.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>SPS_05 in (7, 8, 9) or SPS_09 in (7, 8, 9)</td>
<td>At least one required question was not answered (don't know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

November 2013
<table>
<thead>
<tr>
<th>Derived Variable Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPST05 +</strong></td>
</tr>
<tr>
<td><strong>SPST09</strong></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Score obtained on Social Provisions Scale – Reassurance of Worth (min: 2; max 8)
Social support - Availability (4 DVs)

The Medical Outcomes Study (MOS) Social Support Survey provides indicators of four categories of Social Support. An initial pool of 50 items was reduced to 19 functional support items that were hypothesized to cover five dimensions:

- Emotional support - the expression of positive affect, empathetic understanding, and the encouragement of expressions of feelings.
- Informational support - the offering of advice, information, guidance or feedback.
- Tangible support - the provision of material aid or behavioural assistance.
- Positive social interaction - the availability of other persons to do fun things with you.
- Affection - involving expressions of love and affection.

Empirical analysis indicated that emotional and informational support items should be scored together, so 4 subscales are derived:

- Tangible social support (questions 2, 5, 12, 15)
- Affection (questions 6, 10, 20)
- Positive social interaction (questions 7, 11, 14, 18)
- Emotional or informational support (question 3, 4, 8, 9, 13, 16, 17, 19)

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSAT02</td>
<td>SSA_02 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(SSA_02 - 1)</td>
<td>SSA_02 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
<td>Where 0 is “never” and 4 is “always”</td>
</tr>
<tr>
<td>SSAT03</td>
<td>(SSA_03 - 1) SSA_03 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
<td>Where 0 is “never” and 4 is “always”</td>
</tr>
<tr>
<td>SSA_03</td>
<td>SSA_03 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>SSAT04</td>
<td>(SSA_04 - 1) SSA_04 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
<td>Where 0 is “never” and 4 is “always”</td>
</tr>
<tr>
<td>SSA_04</td>
<td>SSA_04 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>SSAT05</td>
<td>SSA_05 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(SSA_05 - 1)</td>
<td>SSA_05 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
<td>Where 0 is “never” and 4 is “always”</td>
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<tr>
<td>SSAT06</td>
<td>SSA_06 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
<td></td>
</tr>
<tr>
<td>(SSA_06 - 1)</td>
<td>SSA_06 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
<td>Where 0 is “never” and 4 is “always”</td>
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<tr>
<td>SSAT07</td>
<td>SSA_07 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
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<tr>
<td>(SSA_07 - 1)</td>
<td>SSA_07 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
<td>Where 0 is “never” and 4 is “always”</td>
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<tr>
<td>SSAT08</td>
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<td>Carry through cases of RF, DK, NS</td>
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<tr>
<td>(SSA_08 - 1)</td>
<td>SSA_08 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
<td>Where 0 is “never” and 4 is “always”</td>
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<tr>
<td>SSAT09</td>
<td>SSA_09 &gt; 5</td>
<td>Carry through cases of RF, DK, NS</td>
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<tr>
<td>(SSA_09 - 1)</td>
<td>SSA_09 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
<td>Where 0 is “never” and 4 is “always”</td>
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November 2013
<table>
<thead>
<tr>
<th>SSAT10</th>
<th>SSA_10 &gt; 5</th>
<th>Carry through cases of RF, DK, NS</th>
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<tr>
<td></td>
<td>SSA_10 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
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<td></td>
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<table>
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<th>SSAT11</th>
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<td>SSA_11 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
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<td></td>
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<table>
<thead>
<tr>
<th>SSAT12</th>
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<tr>
<td></td>
<td>SSA_12 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
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<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
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<table>
<thead>
<tr>
<th>SSAT13</th>
<th>SSA_13 &gt; 5</th>
<th>Carry through cases of RF, DK, NS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>SSA_13 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
</tr>
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<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
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<table>
<thead>
<tr>
<th>SSAT14</th>
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<th>Carry through cases of RF, DK, NS</th>
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<tbody>
<tr>
<td></td>
<td>SSA_14 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
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<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
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<table>
<thead>
<tr>
<th>SSAT15</th>
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<th>Carry through cases of RF, DK, NS</th>
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<tbody>
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<td></td>
<td>SSA_15 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
</tr>
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<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
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<table>
<thead>
<tr>
<th>SSAT16</th>
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<tbody>
<tr>
<td></td>
<td>SSA_16 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
</tr>
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<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
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<table>
<thead>
<tr>
<th>SSAT17</th>
<th>SSA_17 &gt; 5</th>
<th>Carry through cases of RF, DK, NS</th>
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<tbody>
<tr>
<td></td>
<td>SSA_17 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
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<table>
<thead>
<tr>
<th>SSAT18</th>
<th>SSA_18 &gt; 5</th>
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<tbody>
<tr>
<td></td>
<td>SSA_18 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SSAT19</th>
<th>SSA_19 &gt; 5</th>
<th>Carry through cases of RF, DK, NS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SSA_19 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
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</tbody>
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<table>
<thead>
<tr>
<th>SSAT20</th>
<th>SSA_20 &gt; 5</th>
<th>Carry through cases of RF, DK, NS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SSA_20 &lt;= 5</td>
<td>Rescale the answers from 1 to 5 to 0 to 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Where 0 is “never” and 4 is “always”</td>
</tr>
</tbody>
</table>
1) Tangible Social Support - MOS Subscale

Variable name: SSADTNG
Based on: SSA_02, SSA_05, SSA_12, SSA_15
Description: This variable measures the level of tangible support that is available to the respondent. Questions about whether or not the respondent had someone to help if confined to bed, someone to take him/her to the doctor, someone to prepare meals or someone to do daily chores are included.
Note: Higher scores indicate higher levels of tangible support.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DOSSA = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>99</td>
<td>(SSAT02 = DK, R, NS) or (SSAT05 = DK, R, NS) or (SSAT12 = DK, R, NS) or (SSAT15 = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

SSAT02 + SSAT05 + SSAT12 + SSAT15

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DOSSA = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>99</td>
<td>(SSAT06 = DK, R, NS) or (SSAT10 = DK, R, NS) or (SSAT20 = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

SSAT06 + SSAT10 + SSAT20


2) Affection - MOS Subscale

Variable name: SSADAFF
Based on: SSA_06, SSA_10, SSA_20
Description: This variable measures the level of affection the respondent received. Questions about whether or not the respondent has someone that shows him/her love, someone to hug or someone to love and someone to make him/her feel wanted are included.
Note: Higher scores indicate higher level of affection support.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>DOSSA = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>99</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>99</td>
<td>(SSAT06 = DK, R, NS) or (SSAT10 = DK, R, NS) or (SSAT20 = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

SSAT06 + SSAT10 + SSAT20


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3) Positive Social Interaction - MOS Subscale

Variable name: SSADSOC
Based on: SSA_07, SSA_11, SSA_14, SSA_18
Description: This variable measures the level of positive social interaction the respondent is involved in. Questions about whether the respondent has someone to have a good time with, get together with for relaxation, do things with to get his/her mind off things, or someone to do something enjoyable with are included.

Note: Higher scores indicate higher level of positive social interaction.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

SSAT07 + SSAT11 + SSAT14 + SSAT18 (0 <= SSAT07 <= 4) and (0 <= SSAT11 <= 4) and (0 <= SSAT14 <= 4) and (0 <= SSAT18 <= 4) Score obtained on the positive social interaction subscale (min: 0; max: 16)


4) Emotional or Informational Support - MOS Subscale

Variable name: SSADEMO
Based on: SSA_03, SSA_04, SSA_08, SSA_09, SSA_13, SSA_16, SSA_17, SSA_19
Description: This variable measures the level of emotional or informational support received by the respondent. Questions about whether the respondent has someone to listen and to advise in a crisis, someone to give information and confide in and talk to, or someone to understand problems are included.

Note: Higher values indicate more emotional or informational support.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
<tr>
<td>99</td>
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</tbody>
</table>

November 2013
<table>
<thead>
<tr>
<th>Variable</th>
<th>Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSAT03 +</td>
<td>$0 \leq SSAT03 \leq 4$</td>
<td>Score obtained on the emotional / informal support subscale</td>
</tr>
<tr>
<td>SSAT04 +</td>
<td>$0 \leq SSAT04 \leq 4$</td>
<td></td>
</tr>
<tr>
<td>SSAT08 +</td>
<td>$0 \leq SSAT08 \leq 4$</td>
<td></td>
</tr>
<tr>
<td>SSAT09 +</td>
<td>$0 \leq SSAT09 \leq 4$</td>
<td></td>
</tr>
<tr>
<td>SSAT13 +</td>
<td>$0 \leq SSAT13 \leq 4$</td>
<td></td>
</tr>
<tr>
<td>SSAT16 +</td>
<td>$0 \leq SSAT16 \leq 4$</td>
<td></td>
</tr>
<tr>
<td>SSAT17 +</td>
<td>$0 \leq SSAT17 \leq 4$</td>
<td></td>
</tr>
</tbody>
</table>
| SSAT19 + | $0 \leq SSAT19 \leq 4$ | *(min: 0; max: 32)*


**Note finale:** Sherbourne, C.D. and A.L. Stewart, "The MOS Support Survey" (Medical Outcomes Study Social Support Survey), Social Sciences & Medicine; 32: 705 - 714
Use of protective equipment (3 DVs)

1) Wears Protective Equipment when In-Line Skating

Variable name: UPEFILS

Based on: UPE_02, UPE_02A, UPE_02B, UPE_02C, UPE_02D

Description: This variable indicates whether the respondent wears a helmet, wrist guards or elbow pads always or most of the time when in-line skating.

Note: Respondents that do not in-line skate were excluded from the population.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOUPE = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>6</td>
<td>UPE_02 = 2</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>1</td>
<td>(UPE_02A = 1, 2) and (UPE_02B = 1, 2) and (UPE_02C = 1, 2) and (UPE_02D = 1, 2)</td>
<td>Wears a helmet, wrist guards, elbow pads and knee pads always or most of the time</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>(UPE_02A = 3, 4) or (UPE_02B = 3, 4) or (UPE_02C = 3, 4) or (UPE_02D = 3, 4)</td>
<td>Does not wear a helmet, wrist guards, elbow pads or knee pads always or most of the time</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>(UPE_02A = DK, R, NS) or (UPE_02B = DK, R, NS) or (UPE_02C = DK, R, NS) or (UPE_02D = DK, R, NS) or (PAC_1I = DK, R, NS)</td>
<td>At least one required question was not answered (don’t know, refusal, not stated)</td>
<td>NS</td>
</tr>
</tbody>
</table>

2) Wears Protective Equipment when Skateboarding

Variable name: UPEFSKB

Based on: UPE_06A, UPE_06B, UPE_06C

Description: This variable indicates whether respondents aged 12 to 19 years old wear a helmet, wrist guards or elbow pads always or most of the time when skateboarding.

Note: Respondents more than 19 years old and respondents that have not skateboarded in the past 12 months were excluded from the population.

<table>
<thead>
<tr>
<th>Value</th>
<th>Condition(s)</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>DOUPE = 2</td>
<td>Module not selected</td>
<td>NA</td>
</tr>
<tr>
<td>9</td>
<td>ADM_PRX = 1 and 12 &lt;= DHH_AGE &lt;= 19</td>
<td>Module not asked - proxy interview</td>
<td>NS</td>
</tr>
<tr>
<td>6</td>
<td>DHH_AGE &gt; 19 or UPE_06 = 2</td>
<td>Population exclusions</td>
<td>NA</td>
</tr>
<tr>
<td>1</td>
<td>(UPE_06A = 1, 2) and (UPE_06B = 1, 2) and (UPE_06C = 1, 2)</td>
<td>Wears a helmet, wrist guards and elbow pads always or most of the time</td>
<td></td>
</tr>
</tbody>
</table>
3) Wears Protective Equipment when Snowboarding

Variable name: UPEFSNB

Based on: UPE_05A, UPE_05B

Description: This variable indicates whether the respondent wears a helmet or wrist guards always or most of the time when snowboarding.

Note: Respondents that have not snowboarded in past 12 months were excluded from the population.

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Value</strong></td>
</tr>
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<tr>
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<tr>
<td>6</td>
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<tr>
<td>1</td>
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<tr>
<td>2</td>
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<tr>
<td>9</td>
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