Canadian Community Health Survey (CCHS)

Annual Component 2019/20 - PUMF

Derived Variable (DV) Specifications

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PAY   Physical activities for youth (23 DVs)

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Alcohol use (1 DV)

1) Type of drinker - past 12 months

Variable name: ALCDVTTM

Based on: ALC_005, ALC_010, ALC_015

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

Note: ALCDVTTM was created to allow the classification of all respondents according to their drinking habits in the past 12 months.

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**
6	DOALC = 2	Module not selected	NA
9	ALC_005 = (7, 8, 9) or ALC_010 = (7, 8, 9) or ALC_015 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	2 <= ALC_015 <= 7	Regular drinker	
2	ALC_015 = 1	Occasional drinker	
3	ALC_005 = 2 or ALC_010 = 2	Did not drink in the last 12 months	

Alcohol use during the past week (4 DVs)

1) Weekly consumption

Variable name: ALWDVWKY

Based on: ALC_005, ALC_010, ALW_005, ALW_010, ALW_015, ALW_020, ALW_025, ALW_030, ALW_035, ALW_040

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.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
996	DOALW = 2	Module not selected	NA
996	ALC_005 = 2 or ALC_010 = 2	Population exclusions	NA
999	ALW_005 = (7, 8, 9) or ALW_010 = (7, 8, 9) or ALW_015 = (7, 8, 9) or ALW_020 = (7, 8, 9) or ALW_025 = (7, 8, 9) or ALW_030 = (7, 8, 9) or ALW_035 = (7, 8, 9) or ALW_040 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	ALW_005 = 2	Has not had a drink in past week	
ALW_010 + ALW_015 + ALW_020 + ALW_025 + ALW_030 + ALW_035 + ALW_040	(0 <= ALW_010 < 100) and (0 <= ALW_015 < 100) and (0 <= ALW_020 < 100) and (0 <= ALW_025 < 100) and (0 <= ALW_030 < 100) and (0 <= ALW_035 < 100) and (0 <= ALW_040 < 100)	Number of drinks consumed in past week	(min: 0; max: 693)

2) Average daily alcohol consumption

Variable name: ALWDVDLY

Based on: ALWDVWKY

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.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
996	DOALW = 2	Module not selected	NA
996	ALWDVWKY = NA	Population exclusions	NA
999	ALWDVWKY = NS	At least one required question was not answered (don't know, refusal, not stated)	NS
ALWDVWKY / 7	ALWDVWKY < 694	Average daily alcohol consumption	(Rounded to integer) (min: 0; max: 99)

3) Increased long term risk due to drinking

Variable name: ALWDVLTR

Based on: DHH_SEX, ALC_005, ALC_010, ALW_005, ALW_010, ALW_015, ALW_020, ALW_025, ALW_030, ALW_035, ALW_040, ALWDVWKY

Description: This variable indicates if the respondent has increased long term health risks due to their drinking habits, according to Canada's Low-Risk Alcohol Drinking Guidelines (LRADG).

Note: The classification of drinkers according to their long term health risks comes from guidelines in Alcohol and Health in Canada: A Summary of Evidence and Guidelines for Low-risk Drinking, and is based on the alcohol consumption reported over the past week. Long-term or chronic risks include liver disease and certain cancers.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOALW = 2	Module not selected	NA
6	ALC_005 = 2	Population exclusions - has not drank alcool in lifetime	NA
9	ALC_005 = (7, 8, 9) or ALC_010 = (7, 8, 9) or ALW_005 = (7, 8, 9) or ALW_010 = (7, 8, 9) or ALW_015 = (7, 8, 9) or ALW_020 = (7, 8, 9) or ALW_025 = (7, 8, 9) or ALW_030 = (7, 8, 9) or ALW_035 = (7, 8, 9) or ALW_040 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	DHH_SEX = 1 and (ALW_010 = (4:995) or ALW_015 = (4:995) or ALW_020 = (4:995) or ALW_025 = (4:995) or ALW_030 = (4:995) or ALW_035 = (4:995) or ALW_040 = (4:995) or ALWDVWKY = (16:995)) or DHH_SEX = 2 and (ALW_010 = (3:995) or ALW_015 = (3:995) or ALW_020 = (3:995) or ALW_025 = (3:995) or ALW_030 = (3:995) or ALW_035 = (3:995) or ALW_040 = (3:995) or ALWDVWKY = (11:995))	Increased long term health risk due to drinking	
2	ALW_005 = 2 or ALC_010 = 2 or (DHH_SEX = 1 and ALW_010 =< 3 and ALW_015 =< 3 and ALW_020 =< 3 and ALW_025 =< 3 and ALW_030 =< 3 and ALW_035 =< 3 and ALW_040 =< 3 and ALWDVWKY <= 15) or (DHH_SEX = 2 and ALW_010 =< 2 and ALW_015 =< 2 and ALW_020 =< 2 and ALW_025 =< 2 and ALW_030 =< 2 and ALW_035 =< 2 and ALW_040 =< 2 and ALWDVWKY <= 10)	No increased long term heath risk due to drinking	Includes those who did not drink in past 7 days or past 12 months

4) Increased short term risks due to drinking

Variable name: ALWDVSTR

Based on: DHH_SEX, ALC_005, ALC_010, ALW_005, ALW_010, ALW_015, ALW_020, ALW_025, ALW_030, ALW_035, ALW_040, ALWDVWKY

Description: This variable indicates if the respondent has increased short term health risks due to their drinking habits, according to Canada's Low-Risk Alcohol Drinking Guidelines (LRADG).

Note: The classification of drinkers according to their short term health risks comes from guidelines in Alcohol and Health in Canada: A Summary of Evidence and Guidelines for Low-risk Drinking, and is based on the alcohol consumption reported over the past week. Short-term or acute risks include injury and overdose.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOALW = 2	Module not selected	NA
6	ALC_005 = 2	Population exclusions - has not drank alcool in lifetime	NA
9	ALC_005 = (7, 8, 9) or ALW_005 = (7, 8, 9) or ALW_010 = (7, 8, 9) or ALW_015 = (7, 8, 9) or ALW_020 = (7, 8, 9) or ALW_025 = (7, 8, 9) or ALW_030 = (7, 8, 9) or ALW_035 = (7, 8, 9) or ALW_040 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	DHH_SEX = 1 and (ALW_010 = (5:995) or ALW_015 = (5:995) or ALW_020 = (5:995) or ALW_025 = (5:995) or ALW_030 = (5:995) or ALW_035 = (5:995) or ALW_040 = (5:995) or ALWDVWKY = (16:995)) or DHH_SEX = 2 and (ALW_010 = (4:995) or ALW_015 = (4:995) or ALW_020 = (4:995) or ALW_025 = (4:995) or ALW_030 = (4:995) or ALW_035 = (4:995) or ALW_040 = (4:995) or ALWDVWKY = (11:995))	Increased short term health risks due to drinking	
2	ALW_005 = 2 or ALC_010 = 2 or (DHH_SEX = 1 and ALW_010 =< 4 and ALW_015 =< 4 and ALW_020 =< 4 and ALW_025 =< 4 and ALW_030 =< 4 and ALW_035 =< 4 and ALW_040 =< 4 and ALWDVWKY =< 15) or (DHH_SEX = 2 and ALW_010 =< 3 and ALW_015 =< 3 and ALW_020 =< 3 and ALW_025 =< 3 and ALW_030 =< 3 and ALW_035 =< 3 and ALW_040 =< 3 and ALWDVWKY =< 10)	No increased short term risk from due to drinking	Includes those who did not drink in past 7 days or past 12 months

Blood pressure check (1 DV)

1) Blood pressure not taken - 2 yrs - other - Grouped

Variable name: BPCG015F

Based on: BPC_015A, BPC_015F

Description: What are the reasons that you have not had your blood pressure measured (by a health professional) in the past 2 years? - Other

Note: This is a regrouping of BPC _015A, BPC _015F.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	BPC _015F=6	Population exclusions	NA
9	BPC _015F=(7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	BPC _015A=1 or BPC _015F=1	Yes	
2	BPC _015A=2 and BPC _015F=2	No	

Chronic conditions (3 DVs)

1) Respiratory chronic condition - Grouped

Variable name: CCCDGRSP

Based on: CCC_015 , CCC_030

Description: This grouped variable indicates if the respondent has asthma or chronic bronchitis, emphysema or chronic obstructive pulmonary disorder (aged 35 and older)

Note: This is a regrouping of CCC_015 , CCC_030.

Specifications			
Value	Condition(s)	Description	Notes
NS	CCC_015 = (7, 8) or CCC_030 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	CCC_015 = 1 or CCC_030 = 1	Has asthma, chronic bronchitis, emphysema or chronic obstructive pulmonary disease (COPD)	
2	CCC_015 = 2 and CCC_030 = (2,6)	Does not have asthma, chronic bronchitis, emphysema or chronic obstructive pulmonary disease (COPD)	

2) Musculoskeletal system chronic disease - Grouped

Variable name: CCCDGSKL

Based on: CCC_045, CCC_050, CCC_060

Description: This grouped variable indicates if the respondent has fibromyalgia, arthritis, or osteoporosis (aged 40 and over)

Note: This is a regrouping of CCC_045, CCC_050, CCC_060.

Specifications			
Value	Condition(s)	Description	Notes
NS	CCC_045 = (7, 8, 9) or CCC_050 = (7, 8, 9) or CCC_060 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	CCC_045 = 1 or CCC_050 = 1 or CCC_060 = 1	Has fibromyalgia, arthritis (e.g. osteoarthritis, rheumatoid arthritis, gout) or osteoporosis	
2	CCC_045 = 2 and CCC_050 = 2 and CCC_060 = (2, 6)	Does not have fibromyalgia, arthritis (e.g. osteoarthritis, rheumatoid arthritis, gout) or osteoporosis	

3) Cardiovascular chronic condition - Grouped

Variable name: CCCDGCAR

Based on: CCC_085, CCC_087, CCC_090

Description: This grouped variable indicates if the respondent has or has ever had heart disease or suffers from the effects of a stroke

Note: This is a regrouping of CCC_085, CCC_087, CCC_090.

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**
NS	CCC_085 = (7, 8, 9) or CCC_087 = (7, 8, 9) or CCC_090 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	CCC_085 = 1 or CCC_087 = 1 or CCC_090 = 1	Has heart disease or been diagnosed with heart disease, or suffers from the effects of a stroke	
2	CCC_085 = 2 and CCC_087 = (2, 6) and CCC_090 = 2	Does not have heart disease or been diagnosed with heart disease, or suffers from the effects of a stroke	

Colorectal cancer testing (2 DVs)

1) No sigmoidoscopy - 10 yrs- Other - Grouped

Variable name: CCTG045I

Based on: CCT_045A, CCT_045B, CCT_045E, CCT_045F, CCT_045I

Description: Reason for no sigmoidoscopy in the past 10 years: lack of time, no access to test, fear/ discomfort, no doctor, other.

Note: This is a regrouping of CCT_045A, CCT_045B, CCT_045E, CCT_045F, CCT_045I.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	CCT_045I = 6	Module not selected or population exclusions	NA
9	CCT_045I = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	CCT_045A = 1 or CCT_045B = 1 or CCT_045F = 1 or CCT_045I = 1	Yes	
2	CCT_045A = 2 and CCT_045B = 2 and CCT_045F = 2 and CCT_045I = 2	No	

2) No colonoscopy - 10 yrs- Other - Grouped

Variable name: CCTG065I

Based on: CCT_065E, CCT_065F, CCT_065I

Description: Reason for no colonoscopy in the past 10 years: fear / discomfort, no doctor, , other.

Note: This is a regrouping of CCT_065E, CCT_065F, CCT_065I.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	CCT_065I = 6	Module not selected or population exclusions	NA
9	CCT_065I = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	CCT_065E=1 or CCT_065F=1 or CCT_065I=1	Yes	
2	CCT_065E=2 and CCT_065F=2 and CCT_065I=2	No	

Consultations about mental health (1 DV)

1) Consulted mental health professional - number of times - 12 mo - Grouped

Variable name: CMHG010

Based on: CMH_010

Description: This variable groups the number of consultations with mental health professionals in the previous year.

Note: This variable has been capped at 12 as a form of disclosure control.

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**
96	CMH_010 = 996	Module not selected or population exclusions	NA
99	CMH_010 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
CMH_010	CMH_010 <= 11	Number of consultations with a mental health professional	(min: 1, max: 11)
12	CMH_010 >= 12	Number of consultations with a mental health professional	

Contacts with health professionals - extended block (7 DVs)

1) Chiropractor - num of times - 12 mo - Grouped

Variable name: CP2G010

Based on: CP2_010

Description: This variable groups the number of consultations with a chiropractor in the previous year.

Note: This variable has been capped at 31 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	CP2_010 = 996	Module not selected or population exclusions	NA
99	CP2_010 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
CP2_010	CP2_010 <= 30	Number of consultations with a chiropractor	(min: 1, max: 30)
31	CP2_010 >= 31	Number of consultations with a chiropractor	

2) Physiotherapist- num of times - 12 mo - Grouped

Variable name: CP2G020

Based on: CP2_020

Description: This variable groups the number of consultations with a physiotherapist in the previous year.

Note: This variable has been capped at 31 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	CP2_020 = 996	Module not selected or population exclusions	NA
99	CP2_020 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
CP2_020	CP2_020 <= 30	Number of consultations with a physiotherapist	(min: 1, max: 30)
31	CP2_020 >= 31	Number of consultations with a physiotherapist	

3) Psychologist - num of times - 12 mo - Grouped

Variable name: CP2G030

Based on: CP2_030

Description: This variable groups the number of consultations with a psychologist in the previous year.

Note: This variable has been capped at 12 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**

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96	CP2_030 = 996	Module not selected or population exclusions	NA
99	CP2_030 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
CP2_030	CP2_030 <= 11	Number of consultations with a psychologist	(min: 1, max: 11)
12	CP2_030 >= 12	Number of consultations with a psychologist	

4) Social worker / counsellor - num of times - 12 mo - Grouped

Variable name: CP2G040

Based on: CP2_040

Description: This variable groups the number of consultations with a social worker / counsellor in the previous year.

Note: This variable has been capped at 12 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	CP2_040 = 996	Module not selected or population exclusions	NA
99	CP2_040 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
CP2_040	CP2_040 <= 11	Number of consultations with a social worker / counsellor	(min: 1, max: 11)
12	CP2_040 >= 12	Number of consultations with a social worker / counsellor	

5) Audiologist / speech / occupational therapist - num of times - 12 mo - Grouped

Variable name: CP2G050

Based on: CP2_050

Description: This variable groups the number of consultations with an audiologist / speech / occupational therapist in the previous year.

Note: This variable has been capped at 12 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	CP2_050 = 996	Module not selected or population exclusions	NA
99	CP2_050 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
CP2_050	CP2_050 <= 11	Number of consultations with an audiologist / speech / occupational therapist	(min: 1, max: 11)
12	CP2_050 >= 12	Number of consultations with an audiologist / speech / occupational therapist	

6) Dietician / nutritionist - num of times - 12 mo - Grouped

Variable name:	CP2G060
Based on:	CP2_060
Description:	This variable groups the number of consultations with a dietician / nutritionist in the previous year.
Note:	This variable has been capped at 12 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	CP2_060 = 996	Module not selected or population exclusions	NA
99	CP2_060 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
CP2_060	CP2_060 <= 11	Number of consultations with a dietician / nutritionist	(min: 1, max: 11)
12	CP2_060 >= 12	Number of consultations with a dietician / nutritionist	

7) Pharmacist - num of times - 12 mo - Grouped

Variable name:	CP2G070
Based on:	CP2_070
Description:	This variable groups the number of consultations with a pharmacist in the previous year.
Note:	This variable has been capped at 12 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	CP2_070 = 996	Module not selected or population exclusions	NA
99	CP2_070 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
CP2_070	CP2_070 <= 11	Number of consultations with a pharmacist	(min: 1, max: 11)
12	CP2_070 >= 12	Number of consultations with a pharmacist	

Contacts with dental professionals (1 DV)

1) Saw / talked to dental professional - num of times - 12 mo - Grouped

Variable name: CP3G010

Based on: CP3_010

Description: The number of times respondent saw or talked to a dental professional.

Note: This variable has been capped at 20 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	CP3_010=996	Population exclusions	NA
99	CP3_010=(997,998,999)	At least one required question was not answered (don't know, refusal, not stated)	NS
CP3_010	CP3_010 <= 20	Number of consultations with a dental professional.	(min:1, max:20)
21	CP3_010 >= 21	Number of consultations with a dental professional.	

Depression (2 DVs)

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
DEPT005			
(DEP_005 - 1)	DEP_005 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	
DEPT010			
(DEP_010 - 1)	DEP_010 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	
DEPT015			
(DEP_015 - 1)	DEP_015 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	
DEPT020			
(DEP_020 - 1)	DEP_020 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	
DEPT025			
(DEP_025 - 1)	DEP_025 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	
DEPT030			
(DEP_030 - 1)	DEP_030 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	
DEPT035			
(DEP_035 - 1)	DEP_035 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	
DEPT040			
(DEP_040 – 1)	DEP_040 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	
DEPT045			
(DEP_045 - 1)	DEP_045 <= 4	Rescale the question answersfrom (1 to 4) to (0 to 3)	

1) Depression severity scale

Variable name: DEPDVPHQ

Based on: ADM_PRX, DEP_005, DEP_010, DEP_015, DEP_020, DEP_025, DEP_030, DEP_035, DEP_040, DEP_045

Description: This variable indicates the severity of a respondent's depression, using a 9 item scale. This scale corresponds to the Patient Health Questionnaire (PHQ-9). A higher score indicates more severe depression.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	DODEP = 2	Module not selected	NA
99	ADM_PRX = 1	Module not asked - proxy interview	NS
99	DEP_005 = (7, 8, 9) or DEP_010 = (7, 8, 9) or DEP_015 = (7, 8, 9) or DEP_020 = (7, 8, 9) or DEP_025 = (7, 8, 9) or DEP_030 = (7, 8, 9) or DEP_035 = (7, 8, 9) or DEP_040 = (7, 8, 9) or DEP_045 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	

DEPT005 +	(0 <= DEPT005 <= 3) and	Score obtained on the depression scale (PHQ-9)	(min: 0; max: 27)
DEPT010 +	(0 <= DEPT010 <= 3) and		
DEPT015 +	(0 <= DEPT015 <= 3) and		
DEPT020 +	(0 <= DEPT020 <= 3) and		
DEPT025 +	(0 <= DEPT025 <= 3) and		
DEPT030 +	(0 <= DEPT030 <= 3) and		
DEPT035 +	(0 <= DEPT035 <= 3) and		
DEPT040 +	(0 <= DEPT040 <= 3) and		
DEPT045	(0 <= DEPT045 <= 3)		

2) Depression scale - severity of depression

Variable name: DEPDVSEV

Based on: ADM_PRX, DEPDVPHQ

Description: This variable classifies the respondent's degree of depression based their score obtained on the Patient Health Questionnaire (PHQ-9) depression scale.

Specifications			
Value	Condition(s)	Description	Notes
6	DODEP = 2	Module not selected	NA
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	DEPDVPHQ = NS	Required question was not answered (don't know, refusal, not stated)	NS
0	DEPDVPHQ = 0	No Depression	
1	1 <= DEPDVPHQ <=4	Minimal Depression	
2	5 <= DEPDVPHQ <= 9	Mild Depression	
3	10 <= DEPDVPHQ <= 14	Moderate Depression	
4	15 <= DEPDVPHQ <= 19	Moderately Severe Depression	
5	20 <= DEPDVPHQ <= 27	Severe Depression	

Dwelling and household variables (6 DVs)

1) Marital status - Grouped

Variable name: DHHGMS

Based on: DHH_MS

Description: This variable indicates the marital status for the selected respondent.

		Specifications	
Value	**Condition(s)**	**Description**	**Notes**
9	DHH_MS = (97, 98, 99)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	DHH_MS = (1,2)	Married/ Common-law	
2	DHH_MS = (3, 4, 5, 6)	Other	

2) Household size - Grouped

Variable name: DHHDGHSZ

Based on: SAMPLEID, PERSONID, DHHDVHSZ

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. DHHDGHSZ is a grouping of DHHDVHSZ.

		Specifications	
Value	**Condition(s)**	**Description**	**Notes**
1	DHHDVHSZ = 1	Exact number of persons living in household	
2	DHHDVHSZ >= 2	Grouped - 2 or more persons live in the household	

3) Age - Grouped

Variable name: DHHGAGE

Based on: DHH_AGE

Description: This variable indicates the age of the selected respondent.

		Specifications	
Value	**Condition(s)**	**Description**	**Notes**
1	12 <= DHH_AGE <= 17	Age between 12 and 17	
2	18 <= DHH_AGE <= 34	Age between 18 and 34	
3	35 <= DHH_AGE <= 49	Age between 35 and 49	
4	50 <= DHH_AGE <= 64	Age between 50 and 64	
5	DHH_AGE >=65	65 years and older	

Variable name: DHHGAGE

Based on: DHH_AGE

Description: This variable indicates the age of the selected respondent.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
1	12 <= DHH_AGE <= 17	Age between 12 and 17	
2	18 <= DHH_AGE <= 34	Age between 18 and 34	
3	35 <= DHH_AGE <= 49	Age between 35 and 49	
4	50 <= DHH_AGE <= 64	Age between 50 and 64	
5	DHH_AGE >=65	65 years and older	

4) Age - Grouped

Variable name: DHHGAGE

Based on: DHH_AGE

Description: This variable indicates the age of the selected respondent.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
1	12 <= DHH_AGE <= 17	Age between 12 and 17	
2	18 <= DHH_AGE <= 34	Age between 18 and 34	
3	35 <= DHH_AGE <= 49	Age between 35 and 49	
4	50 <= DHH_AGE <= 64	Age between 50 and 64	
5	DHH_AGE >=65	65 years and older	

Variable name: DHHGAGE

Based on: DHH_AGE

Description: This variable indicates the age of the selected respondent.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
1	12 <= DHH_AGE <= 17	Age between 12 and 17	
2	18 <= DHH_AGE <= 34	Age between 18 and 34	
3	35 <= DHH_AGE <= 49	Age between 35 and 49	
4	50 <= DHH_AGE <= 64	Age between 50 and 64	
5	DHH_AGE >=65	65 years and older	

Drug use (2 DVs)

1) Any illicit drug use - last 12 months

Variable name: DRGDVYA

Based on: ADM_PRX, DRG_025, DRG_035, DRG_045, DRG_055, DRG_065, DRG_075

Description: This variable indicates whether the respondent used any of the drugs listed in the past 12 months.

		Specifications	
Value	**Condition(s)**	**Description**	**Notes**
6	DODRG = 2	Module not selected	NA
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	DRG_025 = (7, 8, 9) or DRG_035 = (7, 8, 9) or DRG_045 = (7, 8, 9) or DRG_055 = (7, 8, 9) or DRG_065 = (7, 8, 9) or DRG_075 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	DRG_010 = 1 or DRG_025 = 1 or DRG_035 = 1 or DRG_045 = 1 or DRG_055 = 1 or DRG_065 = 1 or DRG_075 = 1	Has used at least one of the drugs listed, in the past 12 months, including "just once" use of marijuana in lifetime	
2	DRG_025 = (2, 6) and DRG_035 = (2, 6) and DRG_045 = (2, 6) and DRG_055 = (2, 6) and DRG_065 = (2, 6) and DRG_075 = (2, 6)	Has not used any of the drugs listed in the past 12 months	

2) Any illicit drug use - lifetime (including "just once" use of marijuana or hashish)

Variable name: DRGDVLA

Based on: ADM_PRX, DRGDVLCA, DRGDVLCO, DRGDVLAM, DRGDVLEX, DRGDVLHA, DRGDVLGL, DRGDVINJ

Description: This variable indicates whether the respondent has ever used any of the drugs listed. Includes "just once" use of marijuana or hashish.

		Specifications	
Value	**Condition(s)**	**Description**	**Notes**
	DRGDVLCA = 1 or DRGDVLCO = 1 or DRGDVLAM = 1 or DRGDVLEX = 1 or DRGDVLHA = 1 or DRGDVLGL = 1 or DRGDVINJ = 1		
6	DODRG = 2	Module not selected	NA

9	ADM_PRX = 1	Module not asked - proxy interview	NS
1	DRGDVLCO = 1 or DRGDVLAM = 1 or DRGDVLEX = 1 or DRGDVLHA = 1 or DRGDVLGL = 1 or DRGDVINJ = 1	Has used at least one of the drugs listed, in lifetime, including "just once" use of marijuana	
2	DRGDVLCO = 2 and DRGDVLAM = 2 and DRGDVLEX = 2 and DRGDVLHA = 2 and DRGDVLGL = 2 and DRGDVINJ = 2	Has never used any of the drugs listed	
9	DRGDVLCO = 9 or DRGDVLAM = 9 or DRGDVLEX = 9 or DRGDVLHA = 9 or DRGDVLGL = 9 or DRGDVINJ = 9	At least one required question was not answered (don't know, refusal, not stated)	NS

Educational attainment (1 DV)

1) Highest level of education - household, 3 levels

Variable name: EHG2DVH3

Based on: EHG2DVR3 for each member of the household

Description: This variable indicates the highest level of education attained among all members of the household.

Note: This variable is derived by temporarily creating EHG2DVR3 for each member of the household (all PERSONID within SAMPLEID). The highest value is then obtained by comparing values of EHG2DVR3 for all members within the household. If any PERSONID has EHG2DVR3 of NS (not stated) then NS is returned.

Exposure to second-hand smoke (1 DV)

1) Number of people who smoke inside home - Grouped

Variable name: ETSG010

Based on: ETS_010

Description: This variable groups the number of people who smoke inside the home.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	ETS_010 = 96	Module not selected or population exclusions	
9	ETS_010 = (97, 98, 99)	Question was not answered (don't know, refusal, not stated)	
1	ETS_010 = 1	One person smokes inside the home.	
2	ETS_010 = 2	Two people smoke inside the home.	
3	ETS_010 = 3	Three people smoke inside the home.	
4	ETS_010 >= 4	At least 4 people smoke inside the home.	

Food security (3 DVs)

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
DHHTDKS			
0	DHHDVYKD = 0 and DHHDVOKD = 0	Set value to 0 to indicate households WITHOUT children (aged less than 18)	
1	DHHDVYKD <> 0 or DHHDVOKD <> 0	Set value to 1 to indicate households WITH children (aged less than 18)	
FSCT010			
0	FSC_010 = 3 and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_010 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	
FSCT015			
0	FSC_015 = 3 and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_015 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	
FSCT020			
0	FSC_020 = 3 and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_020 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide a "affirmative" response to food security questions.	
FSCT025			
0	FSC_025 = (3, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_025 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	
FSCT030			
0	FSC_030 = (3, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_030 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	
FSCT035			
0	FSC_035 = (3, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_035 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	
FSCT040			
0	FSC_040 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_040 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	
FSCT045			
0	FSC_045 = (3, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_045 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	
FSCT050			
0	FSC_050 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_050 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	
FSCT055			
0	FSC_055 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_055 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	

FSCT060

0	FSC_060 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_060 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	

FSCT065

0	FSC_065 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_065 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	

FSCT070

0	FSC_070 = (3, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_070 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	

FSCT075

0	FSC_075 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_075 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	

FSCT080

0	FSC_080 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_080 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide a "affirmative" response to food security questions.	

FSCT085

0	FSC_085 = (3, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_085 = (1, 2) and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	

FSCT090

0	FSC_090 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_090 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	

FSCT095

0	FSC_095 = (2, NA) and DOFSC = 1	Set the value to 0 if respondent did not provide an "affirmative" response to food security questions.	
1	FSC_095 = 1 and DOFSC = 1	Set the value to 1 if respondent did provide an "affirmative" response to food security questions.	

FSCTASUM

FSCT010 + FSCT015 + FSCT020 + FSCT040 + FSCT045 + FSCT050 + FSCT055 + FSCT060 + FSCT065 + FSCT070	All	Sum of all temporary variables for adults to be used in determining the level of household food insecurity. Total will range from 0 to 10.	(Min: 0; Max: 10)

FSCTCSUM

FSCT025 + FSCT030 + FSCT035 + FSCT075 + FSCT080 + FSCT085 + FSCT090 + FSCT095	All	Sum of all temporary variables for children to be used in determining the level of household food insecurity. Total will range from 0 to 8.	(Min: 0; Max: 8)

1) Food security - adult status (including "marginally food insecure")

Variable name:	FSCDVAF2
Based on:	FSC_010, FSC_015, FSC_020, FSC_040, FSC_045, FSC_050, FSC_055, FSC_060, FSC_065, FSC_070, FSCTASUM
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 in the previous 12 months. It captures four kinds of situations: 1 - Food secure: No indication of difficul
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 ho
Internet site:	http://www.hc-sc.gc.ca/fn-an/surveill/nutrition/commun/insecurit/status-situation-eng.php

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOFSC = 2	Module not selected	NA
9	FSC_010 = (7, 8, 9) or FSC_015 = (7, 8, 9) or FSC_020 = (7, 8, 9) or FSC_040 = (7, 8, 9) or FSC_045 = (7, 8, 9) or FSC_050 = (7, 8, 9) or FSC_055 = (7, 8, 9) or FSC_060 = (7, 8, 9) or FSC_065 = (7, 8, 9) or FSC_070 = (7, 8, 9) or PMKPROXY = 2	At least one required question was not answered (don't know, refusal, not stated)	NS
0	FSCTASUM = 0	Food secure	
1	FSCTASUM = 1	Marginally food insecure	
2	(FSCTASUM >= 2 and FSCTASUM <= 5)	Moderately food insecure	
3	(FSCTASUM >= 6 and FSCTASUM <= 10)	Severely food insecure	

Reference: The model for FSCDVAF2 is adopted from the Health Canada model of food security status levels published by Health Canada in 2007. For more information about this model, please see The Office of Nutrition Policy and Promotion, Health Canada, "Canadian Comm

2) Food security - child status (including "marginally food insecure")

Variable name:	FSCDVCF2
Based on:	FSC_025, FSC_030, FSC_035, FSC_075, FSC_080, FSC_085, FSC_090, FSC_095, FSCTCSUM, DHHDVYKD, DHHDVOKD
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 four kinds of situations: 1 - Food secure: N
Note:	This variable is only defined for households with individuals who are either aged 15 or less (DHHDVYKD=1), or aged 16 or 17 (DHHDVOKD=1) and who are the child, foster child, grandchild, child-in-law, niece or nephew of another household member. This varia
Internet site:	http://www.hc-sc.gc.ca/fn-an/surveill/nutrition/commun/insecurit/status-situation-eng.php

Specifications			
Value	**Condition(s)**	**Description**	**Notes**

6	DHHTDKS = 0	Population exclusions (households without children less than 18 years of age)	NA
6	DOFSC = 2	Module not selected	NA
9	FSC_025 = (7, 8, 9) or FSC_030 = (7, 8, 9) or FSC_035 = (7, 8, 9) or FSC_075 = (7, 8, 9) or FSC_080 = (7, 8, 9) or FSC_085 = (7, 8, 9) or FSC_090 = (7, 8, 9) or FSC_095 = (7, 8, 9) or PMKPROXY = 2	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 17 or younger.	NS
0	DHHTDKS = 1 and FSCTCSUM = 0	Food secure	
1	DHHTDKS = 1 and FSCTCSUM = 1	Marginally food insecure	
2	DHHTDKS = 1 and (FSCTCSUM >= 2 and FSCTCSUM <= 4)	Moderately food insecure	
3	DHHTDKS = 1 and (FSCTCSUM >= 5 and FSCTCSUM <= 8)	Severely food insecure	

Reference: The model for FSCDVCF2 is adopted from the Health Canada model of food security status levels published by Health Canada in 2007. For more information about this model, please see The Office of Nutrition Policy and Promotion, Health Canada, "Canadian Comm

3) Household food security status - modified version (including marginally food insecure)

Variable name: FSCDVHF2

Based on: FSC_010, FSC_015, FSC_020, FSC_025, FSC_030, FSC_035, FSC_040, FSC_045, FSC_050, FSC_055, FSC_060, FSC_065, FSC_070, FSC_075, FSC_080, FSC_085, FSC_090, FSC_095, FSCTASUM, FSCTCSUM, DHHDVYKD, DHHDVOKD

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 indication of difficulty with income-related food access.
2 - Marginally food secure: Exaclty one indication of difficulty with income-related food access.
3 - Moderately food insecure: Indication of compromise in quality and/or quantity of food consumed.
4 - 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. It is similar to FSCDVHFS, except that it classifies respondents who indicated exactly one indication of difficulty with income-related food access (on the 18-point scale) as the category "marginally food secure".

Note: When using the person weight (WTS_M), this variable reflects the number of people living 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 (DHHDVYKD=1), or aged 16 or 17 (DHHDVOKD=1) and who are the child, foster 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).

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

Specifications			
Value	**Condition(s)**	**Description**	**Notes**

6	DOFSC = 2	Module not selected	NA
9	FSC_010 = (7, 8, 9) or FSC_015 = (7, 8, 9) or FSC_020 = (7, 8, 9) or FSC_025 = (7, 8, 9) or FSC_030 = (7, 8, 9) or FSC_035 = (7, 8, 9) or FSC_040 = (7, 8, 9) or FSC_045 = (7, 8, 9) or FSC_050 = (7, 8, 9) or FSC_055 = (7, 8, 9) or FSC_060 = (7, 8, 9) or FSC_065 = (7, 8, 9) or FSC_070 = (7, 8, 9) or FSC_075 = (7, 8, 9) or FSC_080 = (7, 8, 9) or FSC_085 = (7, 8, 9) or FSC_090 = (7, 8, 9) or FSC_095 = (7, 8, 9) or PMKProxy = 2	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 17 or younger.	NS
0	(DHHTDKS = 1 and FSCTASUM = 0 and FSCTCSUM = 0) or (DHHTDKS = 0 and FSCTASUM = 0)	Food secure	
1	(DHHTDKS = 1 and ((FSCTASUM = 1 and FSCTCSUM = 0) or (FSCTASUM = 0 and FSCTCSUM = 1) or (FSCTASUM = 1 and FSCTCSUM = 1))) or (DHHTDKS = 0 and FSCTASUM = 1)	Marginally food secure	
2	(DHHTDKS = 1 and (FSCTASUM >= 2 and FSCTASUM <= 5) and (FSCTCSUM >= 2 and FSCTCSUM <= 4)) or (DHHTDKS = 1 and (((FSCTASUM >= 2 and FSCTASUM <= 5) and (FSCTCSUM <= 4)) or ((FSCTASUM <= 5) and (FSCTCSUM >= 2 and FSCTCSUM <= 4)))) or (DHHTDKS = 0 and (FSCTASUM >= 2 and FSCTASUM <= 5))	Moderately food insecure	
3	(DHHTDKS = 1 and ((FSCTASUM >= 6 and FSCTASUM <= 10) or (FSCTCSUM >= 5 and FSCTCSUM <= 8))) or (DHHTDKS = 0 and (FSCTASUM >= 6 and FSCTASUM <= 10))	Severely food insecure	

Reference: The model for FSCDVHFS (and FSCDVHF2) is adopted from the Health Canada model of food security status levels published by Health Canada in 2007. For more information about this model, please see The Office of Nutrition Policy and Promotion, Health Canada, "Canadian Community Health Survey, Cycle 2.2, Nutrition (2004)-Income-Related Household Food Security in Canada".

Fruit and vegetable consumption (8 DVs)

1) Daily consumption - pure fruit juice

Variable name: FVCDVJUI

Based on: ADM_PRX, FVC_005, FVC_005A

Description: This variable indicates the usual number of times per day the respondent drinks pure fruit juice.

Note: The CCHS measures the number of times (frequency), not the amount consumed. Respondents report consumption for the last month at the time of interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
999.6	DOFVC = 2	Module not selected	NA
999.9	ADM_PRX = 1	Module not asked - proxy interview	NS
999.9	FVC_005 = (7, 8, 9) or FVC_005A = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
FVC_005	FVC_005A = 1	Number of times/day	
FVC_005 / 7	FVC_005A = 2	Number of times/day (reported "times per week")	(rounded to one decimal place)
FVC_005 / 30	FVC_005A = 3	Number of times/day (reported "times per month")	(rounded to one decimal place)
0	FVC_005 = 0	Did not drink pure fruit juice in the last month	

2) Daily consumption - fruit

Variable name: FVCDVFRU

Based on: ADM_PRX, FVC_010, FVC_010A

Description: This variable indicates the usual number of times per day the respondent consumes fruit, including frozen, dried or canned, but excluding fruit juices.

Note: The CCHS measures the number of times (frequency), not the amount consumed. Respondents report consumption for the last month at the time of interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
999.6	DOFVC = 2	Module not selected	NA
999.9	ADM_PRX = 1	Module not asked - proxy interview	NS
999.9	FVC_010 = (7, 8, 9) or FVC_010A = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
FVC_010	FVC_010A = 1	Number of times/day	
FVC_010 / 7	FVC_010A = 2	Number of times/day (reported "times per week")	(rounded to one decimal place)
FVC_010 / 30	FVC_010A = 3	Number of times/day (reported "times per month")	(rounded to one decimal place)
0	FVC_010 = 0	Did not eat fruit in the last month	

3) Daily consumption - dark green vegetables

Variable name: FVCDVGRN

Based on: ADM_PRX, FVC_015, FVC_015A

Description: This variable indicates the number of times per day the respondent consumes dark green vegetables, such as broccoli, green beans, peas and green peppers or dark leafy greens including romaine or spinach, frozen or canned vegetables and vegetables cooked into meals.

Note: The CCHS measures the number of times (frequency), not the amount consumed. Respondents report consumption for the last month at the time of interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
999.6	DOFVC = 2	Module not selected	NA
999.9	ADM_PRX = 1	Module not asked - proxy interview	NS
999.9	FVC_015 = (7, 8, 9) or FVC_015A = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
FVC_015	FVC_015A = 1	Number of times/day	
FVC_015 / 7	FVC_015A = 2	Number of times/day (reported "times per week")	(rounded to one decimal place)
FVC_015 / 30	FVC_015A = 3	Number of times/day (reported "times per month")	(rounded to one decimal place)
0	FVC_015 = 0	Did not eat green vegetables in the last month	

4) Daily consumption - orange-coloured vegetables

Variable name: FVCDVORA

Based on: ADM_PRX, FVC_020, FVC_020A

Description: This variable indicates the usual number of times per day the respondent consumes orange-coloured vegetables such as carrots, orange bell pepper, sweet potatoes, pumpkin or squash, including frozen or canned vegetables and vegetables that were cooked in meals.

Note: The CCHS measures the number of times (frequency), not the amount consumed. Respondents report consumption for the last month at the time of interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
999.6	DOFVC = 2	Module not selected	NA
999.9	ADM_PRX = 1	Module not asked - proxy interview	NS
999.9	FVC_020 = (7, 8, 9) or FVC_020A = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
FVC_020	FVC_020A = 1	Number of times/day	
FVC_020 / 7	FVC_020A = 2	Number of times/day (reported "times per week")	(rounded to one decimal place)
FVC_020 / 30	FVC_020A = 3	Number of times/day (reported "times per month")	(rounded to one decimal place)
0	FVC_020 = 0	Did not eat orange vegetables in the last month	

5) Daily consumption - potatoes

Variable name: FVCDVPOT

Based on: ADM_PRX, FVC_025, FVC_025A

Description: This variable indicates the usual number of times per day the respondent consumes potatoes that are not deep fried.

Note: The CCHS measures the number of times (frequency), not the amount consumed. Respondents report consumption for the last month at the time of interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
999.6	DOFVC = 2	Module not selected	NA
999.9	ADM_PRX = 1	Module not asked - proxy interview	NS
999.9	FVC_025 = (7, 8, 9) or FVC_025 = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
0	FVC_025 = 0	Did not eat potatoes in the last month	
FVC_025	FVC_025A = 1	Number of times/day	
FVC_025 / 7	FVC_025A = 2	Number of times/day (reported "times per week")	(rounded to one decimal place)
FVC_025 / 30	FVC_025A = 3	Number of times/day (reported "times per month")	(rounded to one decimal place)

6) Daily consumption - other vegetables

Variable name: FVCDVVEG

Based on: ADM_PRX, FVC_030, FVC_030A

Description: This variable indicates the respondent's usual daily consumption of other vegetables such as cucumber, celery, corn, cabbage, and vegetable juice. This variable excludes the dark green and orange-coloured vegetables taken in consideration in FVCDVGRN and FVCDVORA and the potatoes taken in consideration FVCDVPOT.

Note: In this question, the CCHS measures the number of times (frequency), not the amount consumed. Respondents report consumption for the last month at the time of interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
999.6	DOFVC = 2	Module not selected	NA
999.9	ADM_PRX = 1	Module not asked - proxy interview	NS
999.9	FVC_030 = (7, 8, 9) or FVC_030A = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
0	FVC_030 = 0	Did not eat other vegetables in the last month	
FVC_030	FVC_030A = 1	Number of times/day	
FVC_030 / 7	FVC_030A = 2	Number of times/day (reported "times per week")	(rounded to one decimal place)
FVC_030 / 30	FVC_030A = 3	Number of times/day (reported "times per month")	(rounded to one decimal place)

7) Daily consumption - fruits and vegetables

Variable name: FVCDVTOT

Based on: ADM_PRX, FVCDVJUI, FVCDVFRU, FVCDVGRN, FVCDVPOT, FVCDVORA, FVCDVVEG

Description: The following variable represents the respondent's total daily consumption of fruits and vegetables.

Note: The CCHS measures the number of times (frequency), not the amount consumed. Respondents report consumption for the last month at the time of interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9999.6	DOFVC = 2	Module not selected	NA
9999.9	ADM_PRX = 1	Module not asked - proxy interview	NS
9999.9	FVCDVJUI = 9 or FVCDVFRU = 9 or FVCDVGRN = 9 or FVCDVPOT = 9 or FVCDVORA = 9 or FVCDVVEG = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
FVCDVJUI + FVCDVFRU + FVCDVGRN + FVCDVPOT + FVCDVORA + FVCDVVEG	(0 <= FVCDVJUI <= 300) and (0 <= FVCDVFRU <= 300) and (0 <= FVCDVGRN <= 300) and (0 <= FVCDVPOT <= 300) and (0 <= FVCDVORA <= 300) and (0 <= FVCDVVEG <= 300)	Total number of times the respondent eats fruits and vegetables	(min:0.0; max:1800.0)

8) Grouping of total daily consumption - fruits and vegetables

Variable name: FVCDVGDT

Based on: ADM_PRX, FVCDVTOT

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. Respondents report consumption for the last month at the time of interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOFVC = 2	Module not selected	NA
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	FVCDVTOT = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
1	FVCDVTOT < 5	Eats fruits and vegetables less than 5 times per day	
2	(5 <= FVCDVTOT <= 10)	Eats fruits and vegetables between 5 and 10 times per day	
3	FVCDVTOT > 10	Eats fruits and vegetables more than 10 times per day	

General health (3 DVs)

1) Perceived health

Variable name: GENDVHDI

Based on: GEN_005

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.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9	GEN_005 = (7, 8, 9)	Required question was not answered (don't know, refusal, not stated)	NS
0	GEN_005 = 5	Poor	
1	GEN_005 = 4	Fair	
2	GEN_005 = 3	Good	
3	GEN_005 = 2	Very good	
4	GEN_005 = 1	Excellent	

2) Perceived mental health

Variable name: GENDVMHI

Based on: ADM_PRX, GEN_015

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

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	GEN_015 = (7, 8, 9)	Required question was not answered (don't know, refusal, not stated)	NS
0	GEN_015 = 5	Poor	
1	GEN_015 = 4	Fair	
2	GEN_015 = 3	Good	
3	GEN_015 = 2	Very good	
4	GEN_015 = 1	Excellent	

3) Satisfaction with life in general

Variable name: GENDVSWL

Based on: ADM_PRX, GEN_010

Description: This variable groups the 11-point scale used in GEN_010 to rate a respondent's satisfaction with life into 5 categories.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9	ADM_PRX = 1	Question not asked - proxy interview	NS
9	GEN_010 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	(GEN_010 >= 9 and GEN_010 <= 10)	Very Satisfied	
2	GEN_010 >= 6 and GEN_010 <= 8)	Satisfied	
3	GEN_010 = 5	Neither satisfied nor dissatisfied	
4	(GEN_010 >= 2 and GEN_010 <= 4)	Dissatisfied	
5	(GEN_010 >= 0 and GEN_010 <= 1)	Very Dissatisfied	

Geography variables (2 DVs)

The Postal Code Conversion File (PCCF) was used in the derivation of the geographic variables. Most of the geographic variables use the geography from the 2016 Census. Some variables use the 2011 Census.

1) Province of residence of respondent - (G)

Variable name: GEOGPRV

Based on: GEO_PRV

Description: This is the respondent's province of residence.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
GEO_PRV	GEO_PRV=<59	Province of residence of respondent.	
60	60=<GEO_PRV=<62	Yukon/Northwest/Nunavut Territories	

2) Health region - Grouped

Variable name: GEODGHR4

Based on: GEODVHR4

Description: 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. The reconstruction is as follows:
- positions 1-2 (first two positions of GEODVHR4);
- position 3 (value of "9");
- positions 4-5 (3rd, 4th position of GEODVHR4).

Note: The variable GEODVHR4 is the health region based on GEODVPC (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. GEODVHR4 and GEODVPC are not included in the Public Use Microdata File.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
10913	GEODVHR4 = (1013, 1014)	Group: Western Regional Integrated Health Authority Labrador-Grenfell Integrated Health Authority	
13904	GEODVHR4 = (1304, 1305)	Group: Zone 4 Zone 5	
13906	GEODVHR4 = (1306, 1307)	Group: Zone 6 Zone 7	
35939	GEODVHR4 = (3539, 3554)	Group: Huron County Health Unit Perth District Health Unit	
35947	GEODVHR4 = (3547, 3563)	Group: North Bay Parry Sound District Health Unit Timiskaming Health Unit	
35949	GEODVHR4 = (3549, 3556)	Group: Northwestern Porcupine	

46903	GEODVHR4 = (4603, 4604)	Group: Northern Regional Health Authority Interlake Regional Health Authority
47901	GEODVHR4 = (4701, 4702, 4703)	Group: Sun Country Regional Health Authority Five Hills Regional Health Authority Cypress Regional Health Authority
47905	GEODVHR4 = (4705, 4708)	Group: Sunrise Regional Health Authority Kelsey trail Regional Health Authority
47907	GEODVHR4 = (4707, 4710)	Group: Heartland Regional Health Authority Prairie North Regional Health Authority
47909	GEODVHR4 = (4709, 4714)	Group: Prince Albert Parkland Regional Health Authority Mamawetan Churchill River RHA/Keewatin Yatthé RHA/Athabasca Health Authority
59951	GEODVHR4 = (5951, 5953)	Group: Northwest HSDA Northeast HSDA
60901	GEODVHR4 = (6001, 6101, 6201)	Group: Yukon Northwest Territories Nunavut

Health utilities index (2 DVs)

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 has been adapted from the HUI Mark 3 (HUI3) for NPHS. The questions are slightly different than the original HUI3 developed at McMaster University. This instrument allows the calculation of a generic health status index based on attributes found in the Health utilities index (HUI) module. 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) Health utilities index

Variable name: HUIDGHSI

Based on: HUIDVVIS, HUIDVHER, HUIDVSPE, HUIDVMOB, HUIDVDEX, HUIDVEMO, HUIDVCOG, HUIDVPAD

Description: This derived variable is a Health Utilities Index which provides a description of an individual's overall functional health, based on eight attributes: vision, hearing, speech, mobility (ability to get around), dexterity (use of hands and fingers), emotion (feelings), cognition (memory and thinking) and pain. The version of the index used in CCHS is adapted from the HUI Mark 3 (HUI3). The index is designed to produce both an overall health utility score and eight individual attribute scores. Analysts can use either a single-attribute utility scale or look at the complete health state (levels on all eight attributes) on the overall utility scale to produce a measure of an individual's perceived health related quality of life (HRQL).

The index is appropriate for use to describe and monitor the health of general populations, and has been extensively validated for use in cross-sectional and longitudinal population health studies.

The 8 single-attribute utility scores measure functional capacity within a single attribute, and range from 1.000 (normal) to 0.000 (most disabled). In combination, these scores are used to produce a multi-attribute utility index producing a score ranging from 1.000 (perfect health), through 0.000 (health status equal to death) to -0.359 (health status worse than death).

Scores between 0.8 and 1.0 are considered to indicate good to full functional health; scores below 0.8 are considered to indicate moderate to poor functional health.

Note: HUI3 question content resides in the public domain, and is not subject to copyright restrictions. The HUI3 algorithm is the property of Health Utilities Inc. and is protected by copyright. Statistics Canada is authorized, when requested, to share this algorithm with users who wish to replicate results or analyses conducted by Statistics Canada. The use of the algorithm for other purposes, or the sharing of it with others, is prohibited.

Higher scale indicates better health index

Range: -0.359 to 1 in increments of 0.001

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
1	HUIDVHSI < 0.8	Less than 'Good to full' functional health	
2	0.8<= HUIDVHSI <= 1.0	'Good to full' functional health	
9	HUIDVHSI = 9.999	At least one required question was not answered (don't know, refusal, not stated)	NS

Reference: For a detailed explanation of the calculation of the HUI3 refer to:

- Feeny D, Furlong W, Torrance GW et al. Multiattribute and single-attribute utility functions for the Health Utilities Index Mark 3 system. Med Care 2002; 40: 113-128.

2) Pain health status - Grouped

Variable name: HUIDGPAD

Based on: HUI_145, HUI_155

Description: This variable classifies respondents according to the limitation of their activities caused by their pain or discomfort. This variable is one of the 8 attributes used to calculate the Health Utility Index (HUIDVHSI).

Specifications

Value	Condition(s)	Description	Notes
6	DOHUI = 2	Population exclusions	NA
9	HUI_145 = (7, 8, 9) or HUI_155 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	HUI_145 = 1 and HUI_155 = 6	No usual pain or discomfort	
2	(HUI_145 = 2 and HUI_155 = 1) or (HUI_145 = 2 and HUI_155 = 2) or (HUI_145 = 2 and HUI_155 = 3) or (HUI_145 = 2 and HUI_155 = 4)	Has usual pain or discomfort	

Height and weight - self-reported (3 DVs)

1) BMI classification for adults aged 18 and over (self-reported) - international standard - Grouped

Variable name: HWTDGISW

Based on: DHH_AGE, HWTDGBMI, MAC_025

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; and obese class I, II, or III. The BMI categories are adopted from a body weight classification system recommended by Health Canada and the World Health Organization (WHO) which has been widely used internationally.

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.

At the population level, the BMI classification system can be used to compare body weight patterns and related health risks within and between populations and to establish population trends in body weight patterns. The classification should be used with caution at the individual level because the health risk associated with each BMI category varies considerably between individuals. Particular caution should be used when classifying: youth who have not attained growth maturity, adults who are naturally very lean, very muscular adults, some ethnic and racial groups, and adults over 65 years of age.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DHH_AGE < 18 or MAC_025 = 1 or HWTDGBMI = 6	Population exclusions	NA
9	HWTDGBMI = 9 or MAC_025 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	HWTDGBMI <= 24.99	Underweight/ Normal weight	
2	25.00 <= HWTDGBMI	Overweight/ Obese - Class I, II, III	

2) BMI classification for children aged 12 to 17 (self-reported) - WHO classification system - Grouped

Variable name: HWTDGWHO

Based on: MAC_025, HWTDVBMI, DHH_AGE, ADM_PRX, DHHTAGM, HWTDVWHO

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", "normal" or "thinness" according to the age-and-sex specific BMI cut-off points as defined by the World Health Organization.

In 2007, the WHO produced growth references for children aged 5 to 19 years using data from NHES II and III and NHANESI. The WHO BMI growth curves for 5- to 19-year-olds were constructed to ensure a smooth transition from the WHO standard for 0- to 5-year-olds. Based on these growth curves, the WHO recommends that children whose BMI is more than two standard deviations (SDs) above the mean should be considered obese, and those whose BMI is between one and two SDs above the mean, overweight. At all ages, the WHO cut-off points yield higher percentages of boys and girls classified as overweight/obese than do the IOTF or CDC cut-off points.

Note: This is a regrouping of HWTDVWHO.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	MAC_025 = 1 or HWTDVBMI = NA or DHH_AGE >17	Population exclusions	NA
9	ADM_PRX = 1	Module not asked (proxy interview)	

9	HWTDVBMI = 9 or MAC_025 = (7, 8, 9) or DHHTAGM = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
1	HWTDVWHO = (1, 2)	Underweight/ Normal weight	
2	HWTDVWHO = (3, 4)	Overweight/ Obese - Class I, II, III	

3) BMI classification for adults aged 18 and over (adjusted) - international standard - Grouped

Variable name: HWTDGBCC

Based on: HWTDVBCC , HWTDGCOR

Description: This variable uses the respondent's adjusted BMI, calculated in HWTDGCOR, to assign adult respondents aged 18 and over (except pregnant women) to one of the following categories: underweight; acceptable weight; overweight; and obese class I, II or III. Here, the BMI categories are adopted from a body weight classification system recommended by Health Canada and the World Health Organization (WHO) which has been widely used internationally.

Note: This is a regrouping of HWTDGCOR

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	HWTDVBCC = 96	Population exclusions	NA
9	HWTDVBCC = 99	At least one required question was not answered (don't know, refusal, not stated	NS
1	HWTDGCOR <= 24.99	Underweight/ Normal weight	
2	HWTDGCOR >= 25.00	Overweight/ Obese - Class I, II, III	

Income (5 DVs)

Temporary variables: INCTRAT, INCTLIC, INCTINC
(Temporary variables are not disseminated on the master files.)

INCTRAT is a temporary variable used in the calculation of the adjusted household income ratio (INCDVADR). It is the ratio between the total income of the respondent's household and the before-tax low income cut-off (LICO) 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.

INCTRAT 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 2016 reference year from the Canadian Income Survey.

A low income cut-off was linked to all respondents (INCTLIC). This cut-off corresponded to the size of the respondent's household (DHHDVHSZ) 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 $32, 681.

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 DHHDVHSZ 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).

Beginning in 2016, income data are taken from tax records, if possible. The flag INCFIMPH indicates whether household income variables (INC_005A-INC_005O, INC_010, INC_015, and INC_021) are taken from tax records, reported, or imputed. The flag INCFIMPP indicates the same information for personal income variables (INC_025A-INC_025O, INC_030, INC_035, INC_041). For more information, please refer to the document 'Income Variables and Sources in the Canadian Community Health Survey' available by request at statcan.hd-ds.statcan@canada.ca.

Low income cut-offs (INCTLIC) were taken from: Statistics Canada, Table 11-10-0241-01 (formerly CANSIM 206-0094).

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
GEOTPSZ			
1	GEODVUR = 0	Rural Area	
1	GEODVUR = 0	Rural Area	
2	Size of the population centre(or CMA) < 30,000	Population Centre less than 30,000 people	
2	Size of the population centre(or CMA) < 30,000	Population Centre less than 30,000 people	
3	30,000 <= Size of the population centre(or CMA) < 100,000	Population Centre 30,000 to 99,999 people	
3	30,000 <= Size of the population centre(or CMA) < 100,000	Population Centre 30,000 to 99,999 people	
4	100,000 <= Size of the population centre(or CMA) < 500,000	Population Centre 100,000 to 499,999 people	
4	100,000 <= Size of the population centre(or CMA) < 500,000	Population Centre 100,000 to 499,999 people	
5	Size of the population centre(or CMA) >= 500,000	Population Centre 500,000 people or more	
5	Size of the population centre(or CMA) >= 500,000	Population Centre 500,000 people or more	
INCTINC			
99999996	GEO_PRV = (60, 61, 62)	Residents of Territories excluded	
99999996	GEO_PRV = (60, 61, 62)	Residents of Territories excluded	
99999999	INC_021 = NS	None of the income questions were stated	
99999999	INC_021 = NS	None of the income questions were stated	
0	INC_021<=0	No income or income loss	Value of 0 assigned when income loss reported
0	INC_021<=0	No income or income loss	Value of 0 assigned when income loss reported

INC_021	0 < INC_021 < NA	Specific and positive household income
INC_021	0 < INC_021 < NA	Specific and positive household income

INCTLIC

17,175	DHHDVHSZ = 1 and GEOTPSZ = 1	LICO when the household size = 1 and population size group = rural area
17,844	DHHDVHSZ = 1 and GEOTPSZ = 1	LICO when the household size = 1 and population size group = rural area
22,214	DHHDVHSZ = 2 and GEOTPSZ = 1	LICO when the household size = 2 and population size group = rural area
21,382	DHHDVHSZ = 2 and GEOTPSZ = 1	LICO when the household size = 2 and population size group = rural area
27,309	DHHDVHSZ = 3 and GEOTPSZ = 1	LICO when the household size = 3 and population size group = rural area
26,285	DHHDVHSZ = 3 and GEOTPSZ = 1	LICO when the household size = 3 and population size group = rural area
31,915	DHHDVHSZ = 4 and GEOTPSZ = 1	LICO when the household size = 4 and population size group = rural area
33,158	DHHDVHSZ = 4 and GEOTPSZ = 1	LICO when the household size = 4 and population size group = rural area
37,606	DHHDVHSZ = 5 and GEOTPSZ = 1	LICO when the household size = 5 and population size group = rural area
36,197	DHHDVHSZ = 5 and GEOTPSZ = 1	LICO when the household size = 5 and population size group = rural area
40,825	DHHDVHSZ = 6 and GEOTPSZ = 1	LICO when the number of persons in household = 6 and population size group = rural area
42,415	DHHDVHSZ = 6 and GEOTPSZ = 1	LICO when the number of persons in household = 6 and population size group = rural area
45,452	DHHDVHSZ >= 7 and GEOTPSZ = 1	LICO when the household size >= 7 and population size group = rural area
47,222	DHHDVHSZ >= 7 and GEOTPSZ = 1	LICO when the household size >= 7 and population size group = rural area
20,301	DHHDVHSZ = 1 and GEOTPSZ = 2	LICO when the household size = 1 and population size group = urban area - less than 30,000 people
19,540	DHHDVHSZ = 1 and GEOTPSZ = 2	LICO when the household size = 1 and population size group = urban area - less than 30,000 people
24,324	DHHDVHSZ = 2 and GEOTPSZ = 2	LICO when the household size = 2 and population size group = urban area - less than 30,000 people
25,271	DHHDVHSZ = 2 and GEOTPSZ = 2	LICO when the household size = 2 and population size group = urban area - less than 30,000 people
29,903	DHHDVHSZ = 3 and GEOTPSZ = 2	LICO when the household size = 3 and population size group = urban area - less than 30,000 people
31,068	DHHDVHSZ = 3 and GEOTPSZ = 2	LICO when the household size = 3 and population size group = urban area - less than 30,000 people
37,722	DHHDVHSZ = 4 and GEOTPSZ = 2	LICO when the household size = 4 and population size group = urban area - less than 30,000 people
36,308	DHHDVHSZ = 4 and GEOTPSZ = 2	LICO when the household size = 4 and population size group = urban area - less than 30,000 people
41,180	DHHDVHSZ = 5 and GEOTPSZ = 2	LICO when the household size = 5 and population size group = urban area - less than 30,000 people
42,783	DHHDVHSZ = 5 and GEOTPSZ = 2	LICO when the household size = 5 and population size group = urban area - less than 30,000 people
46,444	DHHDVHSZ = 6 and GEOTPSZ = 2	LICO when the household size = 6 and population size group = urban area - less than 30,000 people
48,253	DHHDVHSZ = 6 and GEOTPSZ = 2	LICO when the household size = 6 and population size group = urban area - less than 30,000 people
53,722	DHHDVHSZ >= 7 and GEOTPSZ = 2	LICO when the household size >= 7 and population size group = urban area - less than 30,000 people
51,709	DHHDVHSZ >= 7 and GEOTPSZ = 2	LICO when the household size >= 7 and population size group = urban area - less than 30,000 people

22,186	DHHDVHSZ = 1 and GEOTPSZ = 3	LICO when the household size = 1 and population size group = urban area - 30,000 to 99,999 people
21,354	DHHDVHSZ = 1 and GEOTPSZ = 3	LICO when the household size = 1 and population size group = urban area - 30,000 to 99,999 people
27,619	DHHDVHSZ = 2 and GEOTPSZ = 3	LICO when the household size = 2 and population size group = urban area - 30,000 to 99,999 people
26,583	DHHDVHSZ = 2 and GEOTPSZ = 3	LICO when the household size = 2 and population size group = urban area - 30,000 to 99,999 people
32,681	DHHDVHSZ = 3 and GEOTPSZ = 3	LICO when the household size = 3 and population size group = urban area - 30,000 to 99,999 people
33,953	DHHDVHSZ = 3 and GEOTPSZ = 3	LICO when the household size = 3 and population size group = urban area - 30,000 to 99,999 people
41,225	DHHDVHSZ = 4 and GEOTPSZ = 3	LICO when the household size = 4 and population size group = urban area - 30,000 to 99,999 people
39,680	DHHDVHSZ = 4 and GEOTPSZ = 3	LICO when the household size = 4 and population size group = urban area - 30,000 to 99,999 people
46,757	DHHDVHSZ = 5 and GEOTPSZ = 3	LICO when the household size = 5 and population size group = urban area - 30,000 to 99,999 people
45,004	DHHDVHSZ = 5 and GEOTPSZ = 3	LICO when the household size = 5 and population size group = urban area - 30,000 to 99,999 people
50,758	DHHDVHSZ = 6 and GEOTPSZ = 3	LICO when the household size = 6 and population size group = urban area - 30,000 to 99,999 people
52,734	DHHDVHSZ = 6 and GEOTPSZ = 3	LICO when the household size = 6 and population size group = urban area - 30,000 to 99,999 people
56,511	DHHDVHSZ >= 7 and GEOTPSZ = 3	LICO when the household size >= 7 and population size group = urban area - 30,000 to 99,999 people
58,712	DHHDVHSZ >= 7 and GEOTPSZ = 3	LICO when the household size >= 7 and population size group = urban area - 30,000 to 99,999 people
22,324	DHHDVHSZ = 1 and GEOTPSZ = 4	LICO when the household size = 1 and population size group = urban area - 100,000 to 499,999 people
21,487	DHHDVHSZ = 1 and GEOTPSZ = 4	LICO when the household size = 1 and population size group = urban area - 100,000 to 499,999 people
27,790	DHHDVHSZ = 2 and GEOTPSZ = 4	LICO when the household size = 2 and population size group = urban area - 100,000 to 499,999 people
26,748	DHHDVHSZ = 2 and GEOTPSZ = 4	LICO when the household size = 2 and population size group = urban area - 100,000 to 499,999 people
34,165	DHHDVHSZ = 3 and GEOTPSZ = 4	LICO when the household size = 3 and population size group = urban area - 100,000 to 499,999 people
32,884	DHHDVHSZ = 3 and GEOTPSZ = 4	LICO when the household size = 3 and population size group = urban area - 100,000 to 499,999 people
41,481	DHHDVHSZ = 4 and GEOTPSZ = 4	LICO when the household size = 4 and population size group = urban area - 100,000 to 499,999 people
39,926	DHHDVHSZ = 4 and GEOTPSZ = 4	LICO when the household size = 4 and population size group = urban area - 100,000 to 499,999 people
47,046	DHHDVHSZ = 5 and GEOTPSZ = 4	LICO when the household size = 5 and population size group = urban area - 100,000 to 499,999 people
45,282	DHHDVHSZ = 5 and GEOTPSZ = 4	LICO when the household size = 5 and population size group = urban area - 100,000 to 499,999 people
53,061	DHHDVHSZ = 6 and GEOTPSZ = 4	LICO when the household size = 6 and population size group = urban area - 100,000 to 499,999 people
51,073	DHHDVHSZ = 6 and GEOTPSZ = 4	LICO when the household size = 6 and population size group = urban area - 100,000 to 499,999 people
59,076	DHHDVHSZ >= 7 and GEOTPSZ = 4	LICO when the household size => 7 and population size group = urban area - 100,000 to 499,999 people
56,861	DHHDVHSZ >= 7 and GEOTPSZ = 4	LICO when the household size => 7 and population size group = urban area - 100,000 to 499,999 people
25,921	DHHDVHSZ = 1 and GEOTPSZ = 5	LICO when the household size = 1 and population size group = urban area - 500,000 people or more
24,949	DHHDVHSZ = 1 and GEOTPSZ = 5	LICO when the household size = 1 and population size group = urban area - 500,000 people or more

32,270	DHHDVHSZ = 2 and GEOTPSZ = 5	LICO when the household size = 2 and population size group = urban area - 500,000 people or more	
31,061	DHHDVHSZ = 2 and GEOTPSZ = 5	LICO when the household size = 2 and population size group = urban area - 500,000 people or more	
38,185	DHHDVHSZ = 3 and GEOTPSZ = 5	LICO when the household size = 3 and population size group = urban area - 500,000 people or more	
39,672	DHHDVHSZ = 3 and GEOTPSZ = 5	LICO when the household size = 3 and population size group = urban area - 500,000 people or more	
46,362	DHHDVHSZ = 4 and GEOTPSZ = 5	LICO when the household size = 4 and population size group = urban area - 500,000 people or more	
48,167	DHHDVHSZ = 4 and GEOTPSZ = 5	LICO when the household size = 4 and population size group = urban area - 500,000 people or more	
54,630	DHHDVHSZ = 5 and GEOTPSZ = 5	LICO when the household size = 5 and population size group = urban area - 500,000 people or more	
52,583	DHHDVHSZ = 5 and GEOTPSZ = 5	LICO when the household size = 5 and population size group = urban area - 500,000 people or more	
61,613	DHHDVHSZ = 6 and GEOTPSZ = 5	LICO when the household size = 6 and population size group = urban area - 500,000 people or more	
59,304	DHHDVHSZ = 6 and GEOTPSZ = 5	LICO when the household size = 6 and population size group = urban area - 500,000 people or more	
66,027	DHHDVHSZ >= 7 and GEOTPSZ = 5	LICO when the household size >= 7 and population size group = urban area - 500,000 people or more	
68,598	DHHDVHSZ >= 7 and GEOTPSZ = 5	LICO when the household size >= 7 and population size group = urban area - 500,000 people or more	

INCTRAT

9999.999999996	INCTINC = NA	Residents of territories excluded	9 decimals
9999.999999996	INCTINC = NA	Residents of territories excluded	9 decimals
9999.999999999	INCTINC = NS	The ratio cannot be calculated because the household income was not stated	9 decimals
9999.999999999	INCTINC = NS	The ratio cannot be calculated because the household income was not stated	9 decimals
INCTINC / INCTLIC	INCTINC <> (NA,NS)	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 $90,000,000	9 decimals; min: 0, max: 5530
INCTINC / INCTLIC	INCTINC <> (NA,NS)	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 $90,000,000	9 decimals; min: 0, max: 5530

1) Total household income - main source - Grouped

Variable name:	INCG015
Based on:	INC_015

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

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9	INC_015 = (7, 8, 9)	Question was not answered (don't know, refusal, not stated)	NS
1	INC_015 = (1, 2)	Wages/salaries or self-employment	
2	INC_015 = (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15)	Other	

2) Total Household Income - All Sources - Grouped

Variable name: INCDGHH

Based on: INCDVHH

Description: This variable groups the total household income from all sources.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9	INCDVHH = (97, 98, 99)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	INCDVHH = (1, 2, 3, 4, 5)	No income or less than $20,000	
2	INCDVHH = (6, 7)	$20,000 to $39,999	
3	INCDVHH = (8, 9)	$40,000 to $59,999	
4	INCDVHH = (10, 11)	$60,000 to $79,999	
5	INCDVHH = (12, 13, 14, 15)	$80,000 or more	

3) Distribution of household income - national level (excluding territories) - GROUPED

Variable name: INCDGRCA

Based on: GEO_PRV, INCDVADR

Description: This derived variable is a distribution of respondents in quintiles (five categories including approximately the same percentage of residents for each province) based on their value for INCDVADR, 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.

Note: Quintiles 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 quintiles from the total weighted number of cases for which derived variables are calculated.

The Territories are excluded from this derived variable.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	GEO_PRV = (60, 61, 62)	Not applicable	NA
99	INCDVADR = 9	Not stated	NS
1	First 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 1	
2	Second 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 2	
3	Third 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 3	
4	Fourth 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 4	
5	Fifth 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 5	

4) Distribution of household income - provincial level (excluding territories) - GROUPED

Variable name: INCDGRPR

Based on: GEO_PRV, INCDVADR

Description: This derived variable is a distribution of residents of each province in quintiles (five categories including approximately the same percentage of residents for each province) based on their value for INCDVADR, 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: Quintiles 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 validresponses (not stated, refusal, etc. are excluded). Boundaries are determined in order to derive quintiles from the total weighted number of cases for which derived variables are calculated.

The INCDGRPR 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).

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**
96	GEO_PRV = (60, 61, 62)	Not applicable	NA
99	INCDVADR = 9	Not stated	NS
1	First 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 1	
2	Second 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 2	
3	Third 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 3	
4	Fourth 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 4	
5	Fifth 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 5	

5) Distribution of household income - health region level (excluding territories) - GROUPED

Variable name: INCDGRRS

Based on: GEO_PRV, GEODVHR4, INCDVADR

Description: This derived variable is a distribution of residents of each health region in quintiles (five categories including approximately the same percentage of residents for each province) based on their value for INCDVADR, 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: Quintiles are generated using weighted data. Adjusted ratios are presented in increasing order, from smallest to largest, for each of the 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 quintiles from the total weighted number of cases for which derived variables are calculated.

The INCDVRRS values are based on a distribution of adjusted ratios for the residents of each of the health regions. This variable should therefore be used in conjunction with the variable for the health region province of residence (GEODVHR4).

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**

96	GEO_PRV = (60, 61, 62)	Not applicable	NA
99	INCDVADR = 9	Not stated	NS
1	First 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 1	
2	Second 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 2	
3	Third 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 3	
4	Fourth 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 4	
5	Fifth 20% of respondents from the ascending list of adjusted ratios (INCDVADR)	Quintile 5	

Labour force (3 DVs)

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1) Working status last week (Grouped)

Variable name: LBFDGWSS

Based on: DHH_AGE, LBF_01, LBF_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 18 or more than 65 years old have been excluded from the population.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DHH_AGE < 18 or DHH_AGE > 65	Population exclusions	NA
1	LBF_01 = (1, 2)	Worked at a job or business or had a job but did not work (absent)	
2	LBF_02 = 2	Did not have a job	
9	LBF_02 = (7, 8, 9) or LBF_01 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS

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2) Total usual hours worked per week - Grouped

Variable name: LBFDGHPW

Based on: DHH_AGE, LBF_16, LBF_035

Description: This continuous variable indicates the total number of hours the respondent worked per week.

Note: Respondents aged less than 18 years or more than 65 years old or who did not work in the week prior to the interview have been excluded from the population. This variable has been capped at 50 as a form of disclosure control.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
996	DHH_AGE > 75 or DHH_AGE < 15 or LBF_16 = 999.6	Population exclusions	NA
999	LBF_16 = (999.7, 999.8, 999.9) or LBF_035 = (997, 998, 999)	At least one required question was not answered (don't know, refusal, not stated)	NS
LBF_16	LBF_16 < 50 and LBF_035 = 996	Number of hours usually worked per week for respondents with one job	
50	LBF_16 >= 50 and LBF_035 = 996	Number of hours usually worked per week for respondents with one job	
LBF_16 + LBF_035	(LBF_16 + LBF_035) < 50	Number of total hours usually worked per week for respondents with more than one job	
50	(LBF_16 + LBF_035) >= 50	Number of total hours usually worked per week for respondents with more than one job	

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

Variable name: LBFDVPFT

Based on: LBFDVHPW

Description: This variable indicates if the respondent works full-time or part-time.

Note: Respondents aged less than 15 years or more than 75 years old or who did not work in the week prior to the interview have been excluded from the population. Also excluded are respondents who indicated they had a job in the previous week, but were absent due to a temporary layoff, seasonal layoff, or because their job was casual, for which there were no hours. Respondents who indicated any other reason for their absence are included. For more information, please consult the CCHS 2017 questionnaire and look at the condition LMA6_C16.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	LBFDVHPW = 6	Population exclusions	NA
9	LBFDVHPW = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
1	LBFDVHPW >= 30	Full-time	
2	LBFDVHPW < 30	Part-time	

Physical activities - adults 18 years and older (22 DVs)

1) Total number of minutes of active transportation - last 7 days

Variable name: PAADVTRV

Based on: DHH_AGE, PAA_005, PAA_015, PAA_020

Description: This derived variable represents the number of minutes spent traveling in active ways in the last 7 days before the interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAA = 2	Module not selected	NA
99996	DHH_AGE < 18	Population exclusions	NA
99999	PAA_005 = (7, 8, 9) or PAA_015 = (7, 8, 9) or PAA_020 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAA_005 = 2	No minutes of active transportation in the last 7 days	
PAA_015 * 60 + PAA_020	PAA_015 = (0:168) and PAA_020 = (0:9995)	Number of minutes of active transportation in the last 7 days	Min: 0; Max: 10080

2) Average daily number of minutes of active transportation - last 7 days

Variable name: PAADVTRA

Based on: DHH_AGE, PAADVTRV

Description: This derived variable determines the average daily number of minutes of active transportation in the last 7 days before the interview.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9999.6	DOPAA = 2	Module not selected	NA
9999.6	DHH_AGE < 18	Population exclusions	NA
9999.9	PAADVTRV = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAADVTRV = 0	No minutes of active transportation last 7 days	
PAADVTRV / 7	PAADVTRV = (1:10080)	Average daily number minutes of active transportation in the last 7 days	Rounded to 1 decimal place

3) Total number of minutes of recreational physical activities - last 7 days

Variable name: PAADVREC

Based on: DHH_AGE, PAA_030, PAA_035, PAA_045, PAA_050

Description: This derived variable represents the number minutes of moderate to vigorous recreational physical activities in the last 7 days before the interview.

Note: Physical activity is considered to be moderate if it causes the participant to sweat at least a little and breathe harder.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAA = 2	Module not selected	NA
99996	DHH_AGE < 18	Population exclusions	NA
99999	PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_045 = (7, 8, 9) or PAA_050 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAA_030=2 or PAA_035=2	No minutes of recreational physical activities in the last 7 days	
PAA_045 * 60 + PAA_050	PAA_045 = (0:168) and PAA_050 = (0:9995)	Number of minutes of recreational physical activities in the last 7 days	Min: 0; Max: 10080

4) Average daily number of minutes of recreational physical activities - last 7 days

Variable name: PAADVRCA

Based on: DHH_AGE, PAADVREC

Description: This derived variable determines the average daily number of minutes of recreational physical activities in the last 7 days.

Note: The average is based on the total number of minutes of activity in the week, that were at least moderate intensity, divided by seven. Moderate exercise is defined in the Canadian Physical Activity Guidelines as a physical activity of moderate intensity causing harder breathing and sweating at least a little.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9999.6	DOPAA = 2	Module not selected	NA
9999.6	DHH_AGE < 18	Population exclusions	NA
9999.9	PAADVREC = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAADVREC = 0	No minutes of physical recreational activities in the last 7 days	
PAADVREC / 7	PAADVREC = (1:10080)	Average daily number of minutes of recreational physical activities in the last 7 days	Rounded to 1 decimal place

5) Total number of minutes of other physical activity - last 7 days

Variable name: PAADVOTH

Based on: DHH_AGE, PAA_060, PAA_065, PAA_075, PAA_080

Description: This derived variable represents the number of minutes of other moderate to vigorous physical activities in the last 7 days before the interview.

Note: Physical activity is considered to be moderate if it causes the participant to sweat at least a little and breathe harder.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAA = 2	Module not selected	NA

99996	DHH_AGE < 18	Population exclusions	NA
99999	PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_075 = (7, 8, 9) or PAA_080 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAA_060 = 2 or PAA_065 = 2	No minutes of other physical activities in the last 7 days	
PAA_075 * 60 + PAA_080	PAA_075 = (0:168) and PAA_080 = (0:9995)	Number of minutes of other physical activities in the last 7 days	Min: 0; Max: 10080

6) Average daily number of minutes of other physical activities - last 7 days

Variable name: PAADVOTA

Based on: DHH_AGE, PAADVOTH

Description: This derived variable determines the average daily number of minutes of other physical activities in the last 7 days.

Note: The average is based on the total number of minutes of activity in the week, that were at least moderate intensity, divided by seven. Moderate exercise is defined in the Canadian Physical Activity Guidelines as a physical activity of moderate intensity causing harder breathing and sweating at least a little.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9999.6	DOPAA = 2	Module not selected	NA
9999.6	DHH_AGE < 18	Population exclusions	NA
9999.9	PAADVOTH = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAADVOTH = 0	No minutes of other physical activities in the last 7 days	
PAADVOTH / 7	PAADVOTH = (1:10080)	Average daily number of minutes of other physical activities in the last 7 days	Rounded to 1 decimal place

7) Total number of minutes of moderate to vigorous physical activities - last 7 days

Variable name: PAADVMVA

Based on: DHH_AGE, PAA_005, PAA_015, PAA_020, PAA_030, PAA_035, PAA_045, PAA_050, PAA_060, PAA_065, PAA_075, PAA_080

Description: This derived variable represents the total number of minutes a respondent engaged in active transportation and moderate to vigorous recreational and other physical activities.

Note: * Other physical activities: physical activities done while at work, in or around home or while volunteering. The respondent provides an estimate for all three components in the same answer.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAA = 2	Module not selected	NA
99996	DHH_AGE < 18	Population exclusions	NA

99999	PAA_005 = (7, 8, 9) or PAA_015 = (7, 8, 9) or PAA_020 = (7, 8, 9) or PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_045 = (7, 8, 9) or PAA_050 = (7, 8, 9) or PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_075 = (7, 8, 9) or PAA_080 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAA_005 = 2 and (PAA_030 = 2 or PAA_035 = 2) and (PAA_060 = 2 or PAA_065 = 2)	Recreational and other* physical activities done at less than moderate intensity OR no active transportation, recreational and other* physical activity in the last 7 days	
PAA_015*60 + PAA_020 + PAA_045*60 + PAA_050 + PAA_075*60 + PAA_080	PAA_015 = (0:168) and PAA_020 = (0:9995) and PAA_045 = (0:168) and PAA_050 = (0:9995) and PAA_075 = (0:168) and PAA_080 = (0:9995)	Total number of minutes of active transportion and moderate to vigorous physical activities	Min: 0; Max: 10080

8) Physical activity indicator

Variable name: PAADVACV

Based on: DHH_AGE, PAADVMVA

Description: This derived variable indicates whether a respondent is physically active according to the Canadian Physical Activity Guidelines (CPAG).

Note: Physically active is defined by the Canadian Physical Activity Guidelines as having at least 150 minutes of moderate- to vigorous-intensity aerobic physical activity per week, in bouts of 10 minutes or more.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAADVMVA = 9	At least one required question was not answered (not stated)	NS
1	PAADVMVA => 150	Physically active at or above recommended level from CPAG	
2	1 <= PAADVMVA <=149	Physically active below recommended level from CPAG	
3	PAADVMVA = 0	No physical activity minutes reported	

9) Alternate physical activity indicator

Variable name: PAADVAC2

Based on: DHH_AGE, PAADVMVA

Description: This derived variable represents an alternate classification of physical activity for adults, based on the number of minutes of moderate to vigorous activity done in a week. This variable is similar to PAADVACV, but it breaks down those who were not above the threshold of 150 minutes per week into subcategories of their activity level.

Note: Some might prefer this derived variable (4 levels), instead of PAADVACV (3 levels), to do more detailed analysis. Please note that the four levels in this variable are not the same as the levels in PAADVWHO, so results will not be comparable.
* Other physical activities: physical activities done while at work, in or around home or while volunteering. The respondent provides an estimate for all three components in the same answer.

Specifications			
Value	Condition(s)	Description	Notes
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAADVMVA = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAADVMVA => 150	Level 1 (Duration equal or greater than that recommended by the CPAG)	
2	75 <= PAADVMVA < 150	Level 2 (Duration ≥ 50% and < 100% of that recommended by the CPAG)	
3	0 < PAADVMVA < 75	Level 3 (Duration > 0% and < 50% of that recommended by the CPAG)	
4	PAADVMVA = 0	Level 4 (Recreational and other* physical activities done at less than moderate intensity OR no active transportation, recreational and other* physical activity in the last 7 days)	

10) Total number of minutes of vigorous physical activities - last 7 days

Variable name: PAADVVIG

Based on: DHH_AGE, PAA_095, PAA_100, PAA_105, PAADVMVA

Description: This derived variable represents the total number of minutes a respondent engaged in vigorous physical activities in the last 7 days.

Note: Vigorous exercise is defined in the Canadian Physical Activity Guidelines as a physical activity that causes a person to be out of breath.

Inconsistencies with PAADVMVA (when PAADVVIG > PAADVMVA) were corrected by setting PAADVVIG to "not stated".

Specifications			
Value	Condition(s)	Description	Notes
99996	DOPAA = 2	Module not selected	NA
99996	DHH_AGE < 18	Population exclusions	NA
99999	PAA_095 = (7, 8, 9) or PAA_100 = (7, 8, 9) or PAA_105 = (7, 8, 9) or PAADVMVA = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAA_095 = 2	No vigorous physical activity in last 7 days	
0	PAADVMVA = 0	No minutes of vigorous physical activity in last 7 days	
PAA_100*60 + PAA_105	PAA_095 = 1	Total number of minutes of vigorous physical activity in last 7 days.	(Min:1, Max: 10080)

11) Volume of weekly activity done in the past 7 days (METs*minutes/week)

Variable name: PAADVVOL

Based on: DHH_AGE, PAADVMVA, PAADVVIG

Description: This derived variable represents the volume of physical activity performed in the last seven days. It is measured in METs*minutes/week. A MET is a conceptual value that represents energy expended during physical activity. The volume of activity is calculated by multiplying the amount of minutes of activity (by level of intensity) by the MET value associated with that intensity.

Note: Physical activity at the moderate level is assumed to be 3 METs, while vigorous activity is 6 METs. A MET (metabolic equivalent) is the energy cost of activity expressed as kilocalories expended per kilogram of body weight per hour of activity.

Source: B.Nolin (2014). "ESCC 2015, VD globales, Adultes, Propositions", Institut national de santé publique du Québec.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAA = 2	Module not selected	NA
99996	DHH_AGE < 18	Population exclusions	NA
99999	PAADVMVA = (7, 8, 9) or PAADVVIG = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAADVMVA = 0	Total weekly volume of activity was 0	No minutes of any activity
(PAADVMVA - PAADVVIG)*3 + (PAADVVIG)*6	(0 < PAADVMVA <= 10080) and (0 <= PAADVVIG <= 10080)	Total weekly volume of activity	

12) Physically active, based on WHO guidelines

Variable name: PAADVWHO

Based on: DHH_AGE, PAADVVOL

Description: This derived variable classifies respondents according to the volume of physical activity they had performed in the past week (PAADVVOL). This classification uses levels of activity volume recommended by the World Health Organization (WHO).

Note: * Other physical activities: physical activities done while at work, in or around home or while volunteering. The respondent provides an estimate for all three components in the same answer.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAADVVOL = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAADVVOL => 900	Level 1 (Volume equal to or greater than the WHO recommendation for health benefits)	
2	450 <= PAADVVOL < 900	Level 2 (Volume meets the minimum WHO recommendation for being physically active)	
3	0 < PAADVVOL < 450	Level 3 (Volume less than the minimum recommendation for being physically active)	
4	PAADVVOL = 0	Level 4 (Recreational and other* physical activities done at less than moderate intensity OR no active transportation, recreational and other* physical activity in the last 7 days)	

13) Was physically active - Monday

Variable name: PAADVMON

Based on: DHH_AGE, PAA_005, PAA_010A, PAA_030, PAA_035, PAA_040A, PAA_060, PAA_065, PAA_070A

Description: Indicates whether a respondent travelled actively, engaged in a recreational activity or other activity on Monday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAA_005 = (7, 8, 9) or PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_010A = (7, 8, 9) or PAA_040A = (7, 8, 9) or PAA_070A = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAA_010A = 1 or PAA_040A = 1 or PAA_070A = 1	Performed physical activity - Monday	
0	(PAA_005 = 2 or PAA_010A = 2) and (PAA_030 = 2 or PAA_035 = 2 or PAA_040A = 2) and (PAA_060 = 2 or PAA_065 = 2 or PAA_070A = 2)	Did not perform physical activity - Monday	

14) Was physically active - Tuesday

Variable name: PAADVTUE

Based on: DHH_AGE, PAA_005, PAA_010B, PAA_030, PAA_035, PAA_040B, PAA_060, PAA_065, PAA_070B

Description: Indicates whether a respondent travelled actively, engaged in a recreational activity or other activity on Tuesday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAA_005 = (7, 8, 9) or PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_010B = (7, 8, 9) or PAA_040B = (7, 8, 9) or PAA_070B = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAA_010B = 1 or PAA_040B = 1 or PAA_070B = 1	Performed physical activity - Tuesday	

0	(PAA_005 = 2 or PAA_010B = 2) and (PAA_030 = 2 or PAA_035 = 2 or PAA_040B = 2) and (PAA_060 = 2 or PAA_065 = 2 or PAA_070B = 2)	Did not perform physical activity - Tuesday	

15) Was physically active - Wednesday

Variable name: PAADVWED

Based on: DHH_AGE, PAA_005, PAA_010C, PAA_030, PAA_035, PAA_040C, PAA_060, PAA_065, PAA_070C

Description: Indicates whether a respondent travelled actively, engaged in a recreational or other activity on Wednesday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAA_005 = (7, 8, 9) or PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_010C = (7, 8, 9) or PAA_040C = (7, 8, 9) or PAA_070C = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	(PAA_005 = 2 or PAA_010C = 2) and (PAA_030 = 2 or PAA_035 = 2 or PAA_040C = 2) and (PAA_060 = 2 or PAA_065 = 2 or PAA_070C = 2)	Did not perform physical activity - Wednesday	
1	PAA_010C = 1 or PAA_040C = 1 or PAA_070C = 1	Performed physical activity - Wednesday	

16) Was physically active - Thursday

Variable name: PAADVTHU

Based on: DHH_AGE, PAA_005, PAA_010D, PAA_030, PAA_035, PAA_040D, PAA_060, PAA_065, PAA_070D

Description: Indicates whether a respondent travelled actively, engaged in a recreational or other activity on Thursday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAA_005 = (7, 8, 9) or PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_010D = (7, 8, 9) or PAA_040D = (7, 8, 9) or PAA_070D = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS

| 1 | PAA_010D = 1 or
PAA_040D = 1 or
PAA_070D = 1 | Performed physical activity - Thursday |
| 0 | (PAA_005 = 2 or PAA_010D = 2) and
(PAA_030 = 2 or PAA_035 = 2 or PAA_040D = 2)
and
(PAA_060 = 2 or PAA_065 = 2 or PAA_070D = 2) | Did not perform physical activity - Thursday |

17) Was physically active - Friday

Variable name: PAADVFRI

Based on: DHH_AGE, PAA_005, PAA_010E, PAA_030, PAA_035, PAA_040E, PAA_060, PAA_065, PAA_070E

Description: Indicates whether a respondent travelled actively, engaged in a recreational activity or other activity on Friday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAA_005 = (7, 8, 9) or PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_010E = (7, 8, 9) or PAA_040E = (7, 8, 9) or PAA_070E = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAA_010E = 1 or PAA_040E = 1 or PAA_070E = 1	Performed physical activity - Friday	
0	(PAA_005 = 2 or PAA_010E = 2) and (PAA_030 = 2 or PAA_035 = 2 or PAA_040E = 2) and (PAA_060 = 2 or PAA_065 = 2 or PAA_070E = 2)	Did not perform physical activity - Friday	

18) Was physically active - Saturday

Variable name: PAADVSAT

Based on: DHH_AGE, PAA_005, PAA_010F, PAA_030, PAA_035, PAA_040F, PAA_060, PAA_065, PAA_070F

Description: Indicates whether a respondent travelled actively, engaged in a recreational or other activity on Saturday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA

Value	Condition(s)	Description	Notes
9	PAA_005 = (7, 8, 9) or PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_010F = (7, 8, 9) or PAA_040F = (7, 8, 9) or PAA_070F = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAA_010F = 1 or PAA_040F = 1 or PAA_070F = 1	Performed physical activity - Saturday	
0	(PAA_005 = 2 or PAA_010F = 2) and (PAA_030 = 2 or PAA_035 = 2 or PAA_040F = 2) and (PAA_060 = 2 or PAA_065 = 2 or PAA_070F = 2)	Did not perform physical activity - Saturday	

19) Was physically active - Sunday

Variable name: PAADVSUN

Based on: DHH_AGE, PAA_005, PAA_010G, PAA_030, PAA_035, PAA_040G, PAA_060, PAA_065, PAA_070G

Description: Indicates whether a respondent travelled actively, engaged in a recreational or other activity on Sunday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAA_005 = (7, 8, 9) or PAA_030 = (7, 8, 9) or PAA_035 = (7, 8, 9) or PAA_060 = (7, 8, 9) or PAA_065 = (7, 8, 9) or PAA_010G = (7, 8, 9) or PAA_040G = (7, 8, 9) or PAA_070G = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAA_010G = 1 or PAA_040G = 1 or PAA_070G = 1	Performed physical activity - Sunday	
0	(PAA_005 = 2 or PAA_010G = 2) and (PAA_030 = 2 or PAA_035 = 2 or PAA_040G = 2) and (PAA_060 = 2 or PAA_065 = 2 or PAA_070G = 2)	Did not perform physical activity - Sunday	

20) Total number of days physically active - last 7 days

Variable name: PAADVDYS

Based on: DHH_AGE, PAADVMON, PAADVTUE, PAADVWED, PAADVTHU, PAADVFRI, PAADVSAT, PAADVSUN

Description: This uses derived variables from Monday to Sunday for each type of physical activity to indicate the total number of days the respondent was physically active in the last 7 days.

Note: The universe of this derived variable is individuals who have indicated physical activity.

Specifications

Value	Condition(s)	Description	Notes
96	DOPAA = 2	Module not selected	NA
96	DHH_AGE < 18	Population exclusions	NA
99	PAADVMON = (7, 8, 9) or PAADVTUE = (7, 8, 9) or PAADVWED = (7, 8, 9) or PAADVTHU = (7, 8, 9) or PAADVFRI = (7, 8, 9) or PAADVSAT = (7, 8, 9) or PAADVSUN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAADVMON + PAADVTUE + PAADVWED + PAADVTHU + PAADVFRI + PAADVSAT + PAADVSUN	PAADVMON = (0:1) and PAADVTUE = (0:1) and PAADVWED = (0:1) and PAADVTHU = (0:1) and PAADVFRI = (0:1) and PAADVSAT = (0:1) and PAADVSUN = (0:1)	Number of days respondent was active in the last 7 days	(min:0; max: 7)

21) Total numbers of days physically active on weekdays - last 7 days

Variable name: PAADVWKD

Based on: DHH_AGE, PAADVMON, PAADVTUE, PAADVWED, PAADVTHU, PAADVFRI

Description: This uses derived variables from Monday to Friday for each type of physical activity to indicate the total number of weekdays the respondent was physically active in the past 7 days.

Specifications			
Value	Condition(s)	Description	Notes
6	DOPAA = 2	Module not selected	NA
6	DHH_AGE < 18	Population exclusions	NA
9	PAADVMON = (7, 8, 9) or PAADVTUE = (7, 8, 9) or PAADVWED = (7, 8, 9) or PAADVTHU = (7, 8, 9) or PAADVFRI = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAADVMON + PAADVTUE + PAADVWED + PAADVTHU + PAADVFRI	PAADVMON = (0:1) and PAADVTUE = (0:1) and PAADVWED = (0:1) and PAADVTHU = (0:1) and PAADVFRI = (0:1)	Number of weekdays physically active in the last 7 days	(min:0; max:5)

22) Total numbers of days physically active on weekend - last 7 days

Variable name: PAADVWND

Based on: DHH_AGE, PAADVSAT, PAADVSUN

Description: This uses derived variables from Saturday to Sunday for each type of physical activity to indicate the total number of days on weekend the respondent was physically active in the last 7 days.

Specifications			
Value	Condition(s)	Description	Notes
6	DOPAA = 2	Module not selected	NA

6	DHH_AGE < 18	Population exclusions	NA
9	PAADVSAT = (7, 8, 9) or PAADVSUN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAADVSAT + PAADVSUN	PAADVSAT in (0:1) and PAADVSUN in (0:1)	Number of days physically active last weekend	(min:0; max: 2)

Physical activities for youth (23 DVs)

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
PAYT15A			
0	PAY_010 = 2	No minutes of active transportation in last 7 days	
PAY_15A*60 + PAY_15AN	PAY_010 = 1 and PAY_15A = (0:24) and PAY_15AN = (0:960)	Number of minutes of active transportation yesterday	
PAYT15B			
0	PAY_010 = 2	No minutes of active transportation in last 7 days	
PAY_15B*60 + PAY_15BN	PAY_010 = 1 and PAY_15B = (0:24) and PAY_15BN = (0:960)	Number of minutes of active transportation 2 days ago	
PAYT15C			
0	PAY_010 = 2	No minutes of active transportation in last 7 days	
PAY_15C*60 + PAY_15CN	PAY_010 = 1 and PAY_15C = (0:24) and PAY_15CN = (0:960)	Number of minutes of active transportation 3 days ago	
PAYT15D			
0	PAY_010 = 2	No minutes of active transportation in last 7 days	
PAY_15D*60 + PAY_15DN	PAY_010 = 1 and PAY_15D = (0:24) and PAY_15DN = (0:960)	Number of minutes of active transportation 4 days ago	
PAYT15E			
0	PAY_010 = 2	No minutes of active transportation in last 7 days	
PAY_15E*60 + PAY_15EN	PAY_010 = 1 and PAY_15E = (0:24) and PAY_15EN = (0:960)	Number of minutes of active transportation 5 days ago	
PAYT15F			
0	PAY_010 = 2	No minutes of active transportation in last 7 days	
PAY_15F*60 + PAY_15FN	PAY_010 = 1 and PAY_15F = (0:24) and PAY_15FN = (0:960)	Number of minutes of active transportation 6 days ago	
PAYT15G			
0	PAY_010 = 2	No minutes of active transportation in last 7 days	
PAY_15G*60 + PAY_15GN	PAY_010 = 1 and PAY_15G = (0:24) and PAY_15GN = (0:960)	Number of minutes of active transportation 7 days ago	
PAYT35A			
0	PAY_EDTE = (3,4,5,6,7) and ((PAY_005A = 2 and PAY_005B = 2) or PAY_025 = 2 or PAY_030 = 2)	No minutes of recreational physical activity at school or day camp in last 7 days	
PAY_35A*60 + PAY_35AN	PAY_025 = 1 and PAY_030 = 1 and PAY_35A in (0:24) and PAY_35AN in (0:960) and PAY_EDTE in (3,4,5,6,7)	Number of minutes of recreational physical activity at school or day camp yesterday	
PAYT35B			
0	PAY_EDTE = (1,4,5,6,7) and ((PAY_005A = 2 and PAY_005B = 2) or PAY_025 = 2 or PAY_030 = 2)	No minutes of recreational physical activity at school or day camp in last 7 days	
PAY_35B*60 + PAY_35BN	PAY_025 = 1 and PAY_030 = 1 and PAY_35B = (0:24) and PAY_35BN = (0:960) and PAY_EDTE = (1,4,5,6,7)	Number of minutes of recreational physical activity at school or day camp 2 days ago	
PAYT35C			
0	PAY_EDTE = (1,2,5,6,7) and ((PAY_005A = 2 and PAY_005B = 2) or PAY_025 = 2 or PAY_030 = 2)	No minutes of recreational physical activity at school or day camp in last 7 days	
PAY_35C*60 + PAY_35CN	PAY_025 = 1 and PAY_030 = 1 and PAY_35C = (0:24) and PAY_35CN = (0:960) and PAY_EDTE = (1,2,5,6,7)	Number of minutes of recreational physical activity at school or day camp 3 days ago	
PAYT35D			
0	PAY_EDTE = (1,2,3,6,7) and ((PAY_005A = 2 and PAY_005B = 2) or PAY_025 = 2 or PAY_030 = 2)	No minutes of recreational physical activity at school or day camp in last 7 days	
PAY_35D*60 + PAY_35DN	PAY_025 = 1 and PAY_030 = 1 and PAY_35D = (0:24) and PAY_35DN = (0:960) and PAY_EDTE = (1,2,3,6,7)	Number of minutes of recreational physical activity at school or day camp 4 days ago	

PAYT35E

0	PAY_EDTE = (1,2,3,4,7) and ((PAY_005A = 2 and PAY_005B = 2) or PAY_025 = 2 or PAY_030 = 2)	No minutes of recreational physical activity at school or day camp in last 7 days
PAY_35E*60 + PAY_35EN	PAY_025 = 1 and PAY_030 = 1 and PAY_35E = (0:24) and PAY_35EN = (0:960) and PAY_EDTE = (1,2,3,4,7)	Number of minutes of recreational physical activity at school or day camp 5 days ago

PAYT35F

0	PAY_EDTE = (1,2,3,4,5) and ((PAY_005A = 2 and PAY_005B = 2) or PAY_025 = 2 or PAY_030 = 2)	No minutes of recreational physical activity at school or day camp in last 7 days
PAY_35F*60 + PAY_35FN	PAY_025 = 1 and PAY_030 = 1 and PAY_35F = (0:24) and PAY_35FN = (0:960) and PAY_EDTE = (1,2,3,4,5)	Number of minutes of recreational physical activity at school or day camp 6 days ago

PAYT35G

0	PAY_EDTE = (2,3,4,5,6) and ((PAY_005A = 2 and PAY_005B = 2) or PAY_025 = 2 or PAY_030 = 2)	No minutes of recreational physical activity at school or day camp in last 7 days
PAY_35G*60 + PAY_35GN	PAY_025 = 1 and PAY_030 = 1 and PAY_35G = (0:24) and PAY_35GN = (0:960) and PAY_EDTE = (2,3,4,5,6)	Number of minutes of recreational physical activity at school or day camp 7 days ago

PAYT55A

0	PAY_045 = 2 or PAY_050 = 2	No minutes of physical activity during leisure in last 7 days
PAY_55A*60 + PAY_55AN	PAY_045 = 1 and PAY_050 = 1 and PAY_55A = (0:24) and PAY_55AN = (0:960)	Number of minutes of physical activity during leisure yesterday

PAYT55B

0	PAY_045 = 2 or PAY_050 = 2	No minutes of physical activity during leisure in last 7 days
PAY_55B*60 + PAY_55BN	PAY_045 = 1 and PAY_050 = 1 and PAY_55B = (0:24) and PAY_55BN = (0:960)	Number of minutes of physical activity during leisure 2 days ago

PAYT55C

0	PAY_045 = 2 or PAY_050 = 2	No minutes of physical activity during leisure in last 7 days
PAY_55C*60 + PAY_55CN	PAY_045 = 1 and PAY_050 = 1 and PAY_55C = (0:24) and PAY_55CN = (0:960)	Number of minutes of physical activity during leisure 3 days ago

PAYT55D

0	PAY_045 = 2 or PAY_050 = 2	No minutes of physical activity during leisure in last 7 days
PAY_55D*60 + PAY_55DN	PAY_045 = 1 and PAY_050 = 1 and PAY_55D = (0:24) and PAY_55DN = (0:960)	Number of minutes of physical activity during leisure 4 days ago

PAYT55E

0	PAY_045 = 2 or PAY_050 = 2	No minutes of physical activity during leisure in last 7 days
PAY_55E*60 + PAY_55EN	PAY_045 = 1 and PAY_050 = 1 and PAY_55E = (0:24) and PAY_55EN = (0:960)	Number of minutes of physical activity during leisure 5 days ago

PAYT55F

0	PAY_045 = 2 or PAY_050 = 2	No minutes of physical activity during leisure in last 7 days
PAY_55F*60 + PAY_55FN	PAY_045 = 1 and PAY_050 = 1 and PAY_55F = (0:24) and PAY_55FN = (0:960)	Number of minutes of physical activity during leisure 6 days ago

PAYT55G

0	PAY_045 = 2 or PAY_050 = 2	No minutes of physical activity during leisure in last 7 days
PAY_55G*60 + PAY_55GN	PAY_045 = 1 and PAY_050 = 1 and PAY_55G = (0:24) and PAY_55GN = (0:960)	Number of minutes of physical activity during leisure 7 days ago

PAYT75A

0	PAY_065 = 2 or PAY_070 = 2	No minutes of other physical activity in last 7 days
PAY_75A*60 + PAY_75AN	PAY_065 = 1 and PAY_070 = 1 and PAY_75A = (0:24) and PAY_75AN = (0:960)	Number of minutes of other physical activity yesterday

PAYT75B

0	PAY_065 = 2 or PAY_070 = 2	No minutes of other physical activity in last 7 days

PAY_75B*60 + PAY_75BN	PAY_065 = 1 and PAY_070 = 1 and PAY_75B = (0:24) and PAY_75BN = (0:960)	Number of minutes of other physical activity 2 days ago
PAYT75C		
0	PAY_065 = 2 or PAY_070 = 2	No minutes of other physical activity in last 7 days
PAY_75C*60 + PAY_75CN	PAY_065 = 1 and PAY_070 = 1 and PAY_75C in (0:24) and PAY_75CN in (0:960)	Number of minutes of other physical activity 3 days ago
PAYT75D		
0	PAY_065 = 2 or PAY_070 = 2	No minutes of other physical activity in last 7 days
PAY_75D*60 + PAY_75DN	PAY_065 = 1 and PAY_070 = 1 and PAY_75D = (0:24) and PAY_75DN = (0:960)	Number of minutes of other physical activity 4 days ago
PAYT75E		
0	PAY_065 = 2 or PAY_070 = 2	No minutes of other physical activity in last 7 days
PAY_75E*60 + PAY_75EN	PAY_065 = 1 and PAY_070 = 1 and PAY_75E = (0:24) and PAY_75EN = (0:960)	Number of minutes of other physical activity 5 days ago
PAYT75F		
0	PAY_065 = 2 or PAY_070 = 2	No minutes of other physical activity in last 7 days
PAY_75F*60 + PAY_75FN	PAY_065 = 1 and PAY_070 = 1 and PAY_75F = (0:24) and PAY_75FN = (0:960)	Number of minutes of other physical activity 6 days ago
PAYT75G		
0	PAY_065 = 2 or PAY_070 = 2	No minutes of other physical activity in last 7 days
PAY_75G*60 + PAY_75GN	PAY_065 = 1 and PAY_070 = 1 and PAY_75G = (0:24) and PAY_75GN = (0:960)	Number of minutes of other physical activity 7 days ago

1) Total number of minutes of active transportation - last 7 days

Variable name: PAYDVTTR

Based on: DHH_AGE, PAY_EDTE, PAY_010, PAY_15A, PAY_15AN, PAY_15B, PAY_15BN, PAY_15C, PAY_15CN, PAY_15D, PAY_15DN, PAY_15E, PAY_15EN, PAY_15F, PAY_15FN, PAY_15G, PAY_15GN, PAYT15A, PAYT15B, PAYT15C, PAYT15D, PAYT15E, PAYT15F, PAYT15G

Description: This variable derives the total number of minutes spent traveling in active ways in the last 7 days

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAY = 2	Module not selected	NA
99996	DHH_AGE > 17	Population exclusions	NA

99999	PAY_010 = (7, 8, 9) or	At least one required question was not answered	NS
	PAY_025 = (7, 8, 9) or	(don't know, refusal, not stated)	
	PAY_030 = (7, 8, 9) or		
	PAY_045 = (7, 8, 9) or		
	PAY_050 = (7, 8, 9) or		
	PAY_065 = (7, 8, 9) or		
	PAY_070 = (7, 8, 9) or		
	PAY_15A = (7, 8, 9) or		
	PAY_15AN = (7, 8, 9) or		
	PAY_55A = (7, 8, 9) or		
	PAY_55AN = (7, 8, 9) or		
	PAY_75A = (7, 8, 9) or		
	PAY_75AN = (7, 8, 9) or		
	PAY_15B = (7, 8, 9) or		
	PAY_15BN = (7, 8, 9) or		
	PAY_55B = (7, 8, 9) or		
	PAY_55BN = (7, 8, 9) or		
	PAY_75B = (7, 8, 9) or		
	PAY_75BN = (7, 8, 9) or		
	PAY_15C = (7, 8, 9) or		
	PAY_15CN = (7, 8, 9) or		
	PAY_55C = (7, 8, 9) or		
	PAY_55CN = (7, 8, 9) or		
	PAY_75C = (7, 8, 9) or		
	PAY_75CN = (7, 8, 9) or		
	PAY_15D = (7, 8, 9) or		
	PAY_15DN = (7, 8, 9) or		
	PAY_55D = (7, 8, 9) or		
	PAY_55DN = (7, 8, 9) or		
	PAY_75D = (7, 8, 9) or		
	PAY_75DN = (7, 8, 9) or		
	PAY_15E = (7, 8, 9) or		
	PAY_010 = (7, 8, 9) or		
	PAY_15A = (7, 8, 9) or		
	PAY_15AN = (7, 8, 9) or		
	PAY_15B = (7, 8, 9) or		
	PAY_15BN = (7, 8, 9) or		
	PAY_15C = (7, 8, 9) or		
	PAY_15CN = (7, 8, 9) or		
	PAY_15D = (7, 8, 9) or		
	PAY_15DN = (7, 8, 9) or		
	PAY_15E = (7, 8, 9) or		
	PAY_15EN = (7, 8, 9) or		
	PAY_15F = (7, 8, 9) or		
	PAY_15FN = (7, 8, 9) or		
	PAY_15G = (7, 8, 9) or		
	PAY_15GN = (7, 8, 9)		
PAYT15A + PAYT15B + PAYT15C + PAYT15D + PAYT15E + PAYT15F + PAYT15G	PAY_EDTE = (1,2,3,4,5,6,7)	Number of minutes of active transportation in the last 7 days	(min: 1; max: 10080)

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2) Total number of minutes of recreational physical activities at school or camp - last 5 weekdays

Variable name: PAYDVTSC

Based on: DHH_AGE, PAY_EDTE, PAY_025, PAY_030, PAY_35A, PAY_35AN, PAY_35B, PAY_35BN, PAY_35C, PAY_35CN, PAY_35D, PAY_35DN, PAY_35E, PAY_35EN, PAY_35F, PAY_35FN, PAY_35G, PAY_35GN, PAYT35A, PAYT35B, PAYT35C, PAYT35D, PAYT35E, PAYT35F, PAYT35G

Description: This variable derives the total number of minutes of moderate recreational physical activity during school or day camp in the last 5 weekdays.

Note: The questions about physical activity during school or day camp was not asked for Saturday and Sunday. This variable sums the number of minutes of moderate recreational activity during school or day camp from Monday to Friday.

Moderate exercise is defined in the Canadian Physical Activity Guidelines as activity that causes a person to breathe harder and sweat at least a little.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAY = 2	Module not selected	NA
99996	DHH_AGE > 17	Population exclusions	NA
99999	PAY_025 = (7, 8, 9) or PAY_030 = (7, 8, 9) or PAY_35A = (7, 8, 9) or PAY_35AN = (7, 8, 9) or PAY_35B = (7, 8, 9) or PAY_35BN = (7, 8, 9) or PAY_35C = (7, 8, 9) or PAY_35CN = (7, 8, 9) or PAY_35D = (7, 8, 9) or PAY_35DN = (7, 8, 9) or PAY_35E = (7, 8, 9) or PAY_35EN = (7, 8, 9) or PAY_35F = (7, 8, 9) or PAY_35FN = (7, 8, 9) or PAY_35G = (7, 8, 9) or PAY_35GN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYT35B + PAYT35C + PAYT35D + PAYT35E + PAYT35F	PAY_EDTE = 1	Number of minutes of moderate recreational physical activity at school or day camp in last 5 weekdays	(min: 1; max: 7200)
PAYT35C + PAYT35D + PAYT35E + PAYT35F + PAYT35G	PAY_EDTE = 2	Number of minutes of moderate recreational physical activity at school or day camp in last 5 weekdays	(min: 1; max: 7200)
PAYT35A + PAYT35D + PAYT35E + PAYT35F + PAYT35G	PAY_EDTE = 3	Number of minutes of moderate recreational physical activity at school or day camp in last 5 weekdays	(min: 1; max: 7200)
PAYT35A + PAYT35B + PAYT35E + PAYT35F + PAYT35G	PAY_EDTE = 4	Number of minutes of moderate recreational physical activity at school or day camp in last 5 weekdays	(min: 1; max: 7200)
PAYT35A + PAYT35B + PAYT35C + PAYT35F + PAYT35G	PAY_EDTE = 5	Number of minutes of moderate recreational physical activity at school or day camp in last 5 weekdays	(min: 1; max: 7200)
PAYT35A + PAYT35B + PAYT35C + PAYT35D + PAYT35G	PAY_EDTE = 6	Number of minutes of moderate recreational physical activity at school or day camp in last 5 weekdays	(min: 1; max: 7200)
PAYT35A + PAYT35B + PAYT35C + PAYT35D + PAYT35E	PAY_EDTE = 7	Number of minutes of moderate recreational physical activity at school or day camp in last 5 weekdays	(min: 1; max: 7200)

3) Total number of minutes of physical activities during leisure - last 7 days

Variable name: PAYDVADL

Based on: DHH_AGE, PAY_EDTE, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAYT55A, PAYT55B, PAYT55C, PAYT55D, PAYT55E, PAYT55F, PAYT55G

Description: This variable derives the total number of minutes of moderate to vigorous physical activity during leisure time in the last 7 days

Note: Moderate exercise is defined in the Canadian Physical Activity Guidelines as breathing harder and sweating at least a little.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAY = 2	Module not selected	NA
99996	DHH_AGE > 17	Population exclusions	NA
99999	PAY_045 = (7, 8, 9) or PAY_050 = (7, 8, 9) or PAY_55A = (7, 8, 9) or PAY_55AN = (7, 8, 9) or PAY_55B = (7, 8, 9) or PAY_55BN = (7, 8, 9) or PAY_55C = (7, 8, 9) or PAY_55CN = (7, 8, 9) or PAY_55D = (7, 8, 9) or PAY_55DN = (7, 8, 9) or PAY_55E = (7, 8, 9) or PAY_55EN = (7, 8, 9) or PAY_55F = (7, 8, 9) or PAY_55FN = (7, 8, 9) or PAY_55G = (7, 8, 9) or PAY_55GN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYT55A + PAYT55B + PAYT55C + PAYT55D + PAYT55E + PAYT55F + PAYT55G	PAY_EDTE = (1, 2, 3, 4, 5, 6, 7)	Number of minutes of physical activity during leisure in last 7 days	(min: 1; max: 10080)

4) Total number of minutes of other physical activities - last 7 days

Variable name: PAYDVTOA

Based on: DHH_AGE, PAY_EDTE, PAY_065, PAY_070, PAY_75A, PAY_75AN, PAY_75B, PAY_75BN, PAY_75C, PAY_75CN, PAY_75D, PAY_75DN, PAY_75E, PAY_75EN, PAY_75F, PAY_75FN, PAY_75G, PAY_75GN, DHH_AGE, PAY_EDTE, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAYT75A, PAYT75B, PAYT75C, PAYT75D, PAYT75E, PAYT75F, PAYT75G

Description: This variable derives the total number of minutes of other moderate to vigorous physical activities in the last 7 days

Note: Moderate exercise is defined in the Canadian Physical Activity Guidelines as activity that causes a person to breathe harder and sweat at least a little.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAY = 2	Module not selected	NA

99996	DHH_AGE > 17	Population exclusions	NA
99999	PAY_065 = (7, 8, 9) or PAY_070 = (7, 8, 9) or PAY_75A = (7, 8, 9) or PAY_75AN = (7, 8, 9) or PAY_75B = (7, 8, 9) or PAY_75BN = (7, 8, 9) or PAY_75C = (7, 8, 9) or PAY_75CN = (7, 8, 9) or PAY_75D = (7, 8, 9) or PAY_75DN = (7, 8, 9) or PAY_75E = (7, 8, 9) or PAY_75EN = (7, 8, 9) or PAY_75F = (7, 8, 9) or PAY_75FN = (7, 8, 9) or PAY_75G = (7, 8, 9) or PAY_75GN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYT75A + PAYT75B + PAYT75C + PAYT75D + PAYT75E + PAYT75F + PAYT75G	PAY_EDTE = (1,2,3,4,5,6,7)	Number of minutes of other physical activities last 7 days	(min: 1; max: 10080)

5) Total number of minutes of physical activity - Monday

Variable name: PAYDVTMN

Based on: DHH_AGE, PAY_EDTE, PAY_010, PAY_15A, PAY_15AN, PAY_15B, PAY_15BN, PAY_15C, PAY_15CN, PAY_15D, PAY_15DN, PAY_15E, PAY_15EN, PAY_15F, PAY_15FN, PAY_15G, PAY_15GN, PAY_025, PAY_030, PAY_35A, PAY_35AN, PAY_35B, PAY_35BN, PAY_35C, PAY_35CN, PAY_35D, PAY_35DN, PAY_35E, PAY_35EN, PAY_35F, PAY_35FN, PAY_35G, PAY_35GN, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAY_065, PAY_070, PAY_75A, PAY_75AN, PAY_75B, PAY_75BN, PAY_75C, PAY_75CN, PAY_75D, PAY_75DN, PAY_75E, PAY_75EN, PAY_75F, PAY_75FN, PAY_75G, PAY_75GN, PAYT15A, PAYT15B, PAYT15C, PAYT15D, PAYT15E, PAYT15F, PAYT15G, PAYT35A, PAYT35B, PAYT35C, PAYT35D, PAYT35E, PAYT35F, PAYT35G, PAYT55A, PAYT55B, PAYT55C, PAYT55D, PAYT55E, PAYT55F, PAYT55G, PAYT75A, PAYT75B, PAYT75C, PAYT75D, PAYT75E, PAYT75F, PAYT75G

Description: This variable derives the total number of minutes spent doing active transportation and moderate physical activities - Monday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA

9999	PAY_010 = (7, 8, 9) PAY_025 = (7, 8, 9) PAY_030 = (7, 8, 9) PAY_045 = (7, 8, 9) PAY_050 = (7, 8, 9) PAY_065 = (7, 8, 9) PAY_070 = (7, 8, 9) PAY_15A = (7, 8, 9) PAY_15AN = (7, 8, 9) PAY_35A = (7, 8, 9) PAY_35AN = (7, 8, 9) PAY_55A = (7, 8, 9) PAY_55AN = (7, 8, 9) PAY_75A = (7, 8, 9) PAY_75AN = (7, 8, 9) PAY_15B = (7, 8, 9) PAY_15BN = (7, 8, 9) PAY_35B = (7, 8, 9) PAY_35BN = (7, 8, 9) PAY_55B = (7, 8, 9) PAY_55BN = (7, 8, 9) PAY_75B = (7, 8, 9) PAY_75BN = (7, 8, 9) PAY_15C = (7, 8, 9) PAY_15CN = (7, 8, 9) PAY_35C = (7, 8, 9) PAY_35CN = (7, 8, 9) PAY_55C = (7, 8, 9) PAY_55CN = (7, 8, 9) PAY_75C = (7, 8, 9) PAY_75CN = (7, 8, 9) PAY_15D = (7, 8, 9) PAY_15DN = (7, 8, 9) PAY_35D = (7, 8, 9) PAY_35DN = (7, 8, 9) PAY_55D = (7, 8, 9) PAY_55DN = (7, 8, 9) PAY_75D = (7, 8, 9) PAY_75DN = (7, 8, 9) PAY_15E = (7, 8, 9) PAY_15EN = (7, 8, 9) PAY_35E = (7, 8, 9) PAY_35EN = (7, 8, 9) PAY_55E = (7, 8, 9) PAY_55EN = (7, 8, 9) PAY_75E = (7, 8, 9) PAY_75EN = (7, 8, 9) PAY_15F = (7, 8, 9) PAY_15FN = (7, 8, 9) PAY_35F = (7, 8, 9) PAY_35FN = (7, 8, 9) PAY_55F = (7, 8, 9) PAY_55FN = (7, 8, 9) PAY_75F = (7, 8, 9) PAY_75FN = (7, 8, 9) PAY_15G = (7, 8, 9) PAY_15GN = (7, 8, 9) PAY_35G = (7, 8, 9) PAY_35GN = (7, 8, 9) PAY_55G = (7, 8, 9) PAY_55GN = (7, 8, 9) PAY_75G = (7, 8, 9) PAY_75GN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYT15F + PAYT35F + PAYT55F + PAYT75F	PAY_EDTE = 1	Total number of minutes of physical activity - Monday	(min: 1; max: 1440)

PAYT15G + PAYT35G + PAYT55G + PAYT75G	PAY_EDTE = 2	Total number of minutes of physical activity - Monday	(min: 1; max: 1440)
PAYT15A + PAYT35A + PAYT55A + PAYT75A	PAY_EDTE = 3	Total number of minutes of physical activity - Monday	(min: 1; max: 1440)
PAYT15B + PAYT35B + PAYT55B + PAYT75B	PAY_EDTE = 4	Total number of minutes of physical activity - Monday	(min: 1; max: 1440)
PAYT15C + PAYT35C + PAYT55C + PAYT75C	PAY_EDTE = 5	Total number of minutes of physical activity - Monday	(min: 1; max: 1440)
PAYT15D + PAYT35D + PAYT55D + PAYT75D	PAY_EDTE = 6	Total number of minutes of physical activity - Monday	(min: 1; max: 1440)
PAYT15E + PAYT35E + PAYT55E + PAYT75E	PAY_EDTE = 7	Total number of minutes of physical activity - Monday	(min: 1; max: 1440)

6) Total number of minutes of physical activity - Tuesday

Variable name: PAYDVTTU

Based on: DHH_AGE, PAY_EDTE, PAY_010, PAY_15A, PAY_15AN, PAY_15B, PAY_15BN, PAY_15C, PAY_15CN, PAY_15D, PAY_15DN, PAY_15E, PAY_15EN, PAY_15F, PAY_15FN, PAY_15G, PAY_15GN, PAY_025, PAY_030, PAY_35A, PAY_35AN, PAY_35B, PAY_35BN, PAY_35C, PAY_35CN, PAY_35D, PAY_35DN, PAY_35E, PAY_35EN, PAY_35F, PAY_35FN, PAY_35G, PAY_35GN, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAY_065, PAY_070, PAY_75A, PAY_75AN, PAY_75B, PAY_75BN, PAY_75C, PAY_75CN, PAY_75D, PAY_75DN, PAY_75E, PAY_75EN, PAY_75F, PAY_75FN, PAY_75G, PAY_75GN, PAYT15A, PAYT15B, PAYT15C, PAYT15D, PAYT15E, PAYT15F, PAYT15G, PAYT35A, PAYT35B, PAYT35C, PAYT35D, PAYT35E, PAYT35F, PAYT35G, PAYT55A, PAYT55B, PAYT55C, PAYT55D, PAYT55E, PAYT55F, PAYT55G, PAYT75A, PAYT75B, PAYT75C, PAYT75D, PAYT75E, PAYT75F, PAYT75G

Description: This variable derives the total number of minutes spent doing active transportation and moderate physical activities - Tuesday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA

9999	PAY_010 = (7, 8, 9) or PAY_025 = (7, 8, 9) or PAY_030 = (7, 8, 9) or PAY_045 = (7, 8, 9) or PAY_050 = (7, 8, 9) or PAY_065 = (7, 8, 9) or PAY_070 = (7, 8, 9) or PAY_15A = (7, 8, 9) or PAY_15AN = (7, 8, 9) or PAY_35A = (7, 8, 9) or PAY_35AN = (7, 8, 9) or PAY_55A = (7, 8, 9) or PAY_55AN = (7, 8, 9) or PAY_75A = (7, 8, 9) or PAY_75AN = (7, 8, 9) or PAY_15B = (7, 8, 9) or PAY_15BN = (7, 8, 9) or PAY_35B = (7, 8, 9) or PAY_35BN = (7, 8, 9) or PAY_55B = (7, 8, 9) or PAY_55BN = (7, 8, 9) or PAY_75B = (7, 8, 9) or PAY_75BN = (7, 8, 9) or PAY_15C = (7, 8, 9) or PAY_15CN = (7, 8, 9) or PAY_35C = (7, 8, 9) or PAY_35CN = (7, 8, 9) or PAY_55C = (7, 8, 9) or PAY_55CN = (7, 8, 9) or PAY_75C = (7, 8, 9) or PAY_75CN = (7, 8, 9) or PAY_15D = (7, 8, 9) or PAY_15DN = (7, 8, 9) or PAY_35D = (7, 8, 9) or PAY_35DN = (7, 8, 9) or PAY_55D = (7, 8, 9) or PAY_55DN = (7, 8, 9) or PAY_75D = (7, 8, 9) or PAY_75DN = (7, 8, 9) or PAY_15E = (7, 8, 9) or PAY_15EN = (7, 8, 9) or PAY_35E = (7, 8, 9) or PAY_35EN = (7, 8, 9) or PAY_55E = (7, 8, 9) or PAY_55EN = (7, 8, 9) or PAY_75E = (7, 8, 9) or PAY_75EN = (7, 8, 9) or PAY_15F = (7, 8, 9) or PAY_15FN = (7, 8, 9) or PAY_35F = (7, 8, 9) or PAY_35FN = (7, 8, 9) or PAY_55F = (7, 8, 9) or PAY_55FN = (7, 8, 9) or PAY_75F = (7, 8, 9) or PAY_75FN = (7, 8, 9) or PAY_15G = (7, 8, 9) or PAY_15GN = (7, 8, 9) or PAY_35G = (7, 8, 9) or PAY_35GN = (7, 8, 9) or PAY_55G = (7, 8, 9) or PAY_55GN = (7, 8, 9) or PAY_75G = (7, 8, 9) or PAY_75GN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYT15E + PAYT35E + PAYT55E + PAYT75E	PAY_EDTE = 1	Total number of minutes of physical activity - Tuesday	(min: 1; max: 1440)

PAYT15F + PAYT35F + PAYT55F + PAYT75F	PAY_EDTE = 2	Total number of minutes of physical activity - Tuesday	(min: 1; max: 1440)
PAYT15G + PAYT35G + PAYT55G + PAYT75G	PAY_EDTE = 3	Total number of minutes of physical activity - Tuesday	(min: 1; max: 1440)
PAYT15A + PAYT35A + PAYT55A + PAYT75A	PAY_EDTE = 4	Total number of minutes of physical activity - Tuesday	(min: 1; max: 1440)
PAYT15B + PAYT35B + PAYT55B + PAYT75B	PAY_EDTE = 5	Total number of minutes of physical activity - Tuesday	(min: 1; max: 1440)
PAYT15C + PAYT35C + PAYT55C + PAYT75C	PAY_EDTE = 6	Total number of minutes of physical activity - Tuesday	(min: 1; max: 1440)
PAYT15D + PAYT35D + PAYT55D + PAYT75D	PAY_EDTE = 7	Total number of minutes of physical activity - Tuesday	(min: 1; max: 1440)

7) Total number of minutes of physical activity - Wednesday

Variable name: PAYDVTWD

Based on: DHH_AGE, PAY_EDTE, PAY_010, PAY_15A, PAY_15AN, PAY_15B, PAY_15BN, PAY_15C, PAY_15CN, PAY_15D, PAY_15DN, PAY_15E, PAY_15EN, PAY_15F, PAY_15FN, PAY_15G, PAY_15GN, PAY_025, PAY_030, PAY_35A, PAY_35AN, PAY_35B, PAY_35BN, PAY_35C, PAY_35CN, PAY_35D, PAY_35DN, PAY_35E, PAY_35EN, PAY_35F, PAY_35FN, PAY_35G, PAY_35GN, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAY_065, PAY_070, PAY_75A, PAY_75AN, PAY_75B, PAY_75BN, PAY_75C, PAY_75CN, PAY_75D, PAY_75DN, PAY_75E, PAY_75EN, PAY_75F, PAY_75FN, PAY_75G, PAY_75GN, PAYT15A, PAYT15B, PAYT15C, PAYT15D, PAYT15E, PAYT15F, PAYT15G,PAYT35A, PAYT35B, PAYT35C, PAYT35D, PAYT35E, PAYT35F, PAYT35G, PAYT55A, PAYT55B, PAYT55C, PAYT55D, PAYT55E, PAYT55F, PAYT55G, PAYT75A, PAYT75B, PAYT75C, PAYT75D, PAYT75E, PAYT75F, PAYT75G

Description: This variable derives the total number of minutes spent doing active transportation and moderate physical activities - Wednesday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA

| 9999 | PAY_010 = (7, 8, 9) or
PAY_025 = (7, 8, 9) or
PAY_030 = (7, 8, 9) or
PAY_045 = (7, 8, 9) or
PAY_050 = (7, 8, 9) or
PAY_065 = (7, 8, 9) or
PAY_070 = (7, 8, 9) or
PAY_15A = (7, 8, 9) or
PAY_15AN = (7, 8, 9) or
PAY_35A = (7, 8, 9) or
PAY_35AN = (7, 8, 9) or
PAY_55A = (7, 8, 9) or
PAY_55AN = (7, 8, 9) or
PAY_75A = (7, 8, 9) or
PAY_75AN = (7, 8, 9) or
PAY_15B = (7, 8, 9) or
PAY_15BN = (7, 8, 9) or
PAY_35B = (7, 8, 9) or
PAY_35BN = (7, 8, 9) or
PAY_55B = (7, 8, 9) or
PAY_55BN = (7, 8, 9) or
PAY_75B = (7, 8, 9) or
PAY_75BN = (7, 8, 9) or
PAY_15C = (7, 8, 9) or
PAY_15CN = (7, 8, 9) or
PAY_35C = (7, 8, 9) or
PAY_35CN = (7, 8, 9) or
PAY_55C = (7, 8, 9) or
PAY_55CN = (7, 8, 9) or
PAY_75C = (7, 8, 9) or
PAY_75CN = (7, 8, 9) or
PAY_15D = (7, 8, 9) or
PAY_15DN = (7, 8, 9) or
PAY_35D = (7, 8, 9) or
PAY_35DN = (7, 8, 9) or
PAY_55D = (7, 8, 9) or
PAY_55DN = (7, 8, 9) or
PAY_75D = (7, 8, 9) or
PAY_75DN = (7, 8, 9) or
PAY_15E = (7, 8, 9) or
PAY_15EN = (7, 8, 9) or
PAY_35E = (7, 8, 9) or
PAY_35EN = (7, 8, 9) or
PAY_55E = (7, 8, 9) or
PAY_55EN = (7, 8, 9) or
PAY_75E = (7, 8, 9) or
PAY_75EN = (7, 8, 9) or
PAY_15F = (7, 8, 9) or
PAY_15FN = (7, 8, 9) or
PAY_35F = (7, 8, 9) or
PAY_35FN = (7, 8, 9) or
PAY_55F = (7, 8, 9) or
PAY_55FN = (7, 8, 9) or
PAY_75F = (7, 8, 9) or
PAY_75FN = (7, 8, 9) or
PAY_15G = (7, 8, 9) or
PAY_15GN = (7, 8, 9) or
PAY_35G = (7, 8, 9) or
PAY_35GN = (7, 8, 9) or
PAY_55G = (7, 8, 9) or
PAY_55GN = (7, 8, 9) or
PAY_75G = (7, 8, 9) or
PAY_75GN = (7, 8, 9) | At least one required question was not answered (don't know, refusal, not stated) | NS |
| PAYT15D +
PAYT35D +
PAYT55D +
PAYT75D | PAY_EDTE = 1 | Total number of minutes of physical activity - Wednesday | (min: 1; max: 1440) |

PAYT15E + PAYT35E + PAYT55E + PAYT75E	PAY_EDTE = 2	Total number of minutes of physical activity - Wednesday	(min: 1; max: 1440)
PAYT15F + PAYT35F + PAYT55F + PAYT75F	PAY_EDTE = 3	Total number of minutes of physical activity - Wednesday	(min: 1; max: 1440)
PAYT15G + PAYT35G + PAYT55G + PAYT75G	PAY_EDTE = 4	Total number of minutes of physical activity - Wednesday	(min: 1; max: 1440)
PAYT15A + PAYT35A + PAYT55A + PAYT75A	PAY_EDTE = 5	Total number of minutes of physical activity - Wednesday	(min: 1; max: 1440)
PAYT15B + PAYT35B + PAYT55B + PAYT75B	PAY_EDTE = 6	Total number of minutes of physical activity - Wednesday	(min: 1; max: 1440)
PAYT15C + PAYT35C + PAYT55C + PAYT75C	PAY_EDTE = 7	Total number of minutes of physical activity - Wednesday	(min: 1; max: 1440)

8) Total number of minutes of physcial activity - Thursday

Variable name: PAYDVTTH

Based on: DHH_AGE, PAY_EDTE, PAY_010, PAY_15A, PAY_15AN, PAY_15B, PAY_15BN, PAY_15C, PAY_15CN, PAY_15D, PAY_15DN, PAY_15E, PAY_15EN, PAY_15F, PAY_15FN, PAY_15G, PAY_15GN, PAY_025, PAY_030, PAY_35A, PAY_35AN, PAY_35B, PAY_35BN, PAY_35C, PAY_35CN, PAY_35D, PAY_35DN, PAY_35E, PAY_35EN, PAY_35F, PAY_35FN, PAY_35G, PAY_35GN, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAY_065, PAY_070, PAY_75A, PAY_75AN, PAY_75B, PAY_75BN, PAY_75C, PAY_75CN, PAY_75D, PAY_75DN, PAY_75E, PAY_75EN, PAY_75F, PAY_75FN, PAY_75G, PAY_75GN, PAYT15A, PAYT15B, PAYT15C, PAYT15D, PAYT15E, PAYT15F, PAYT15G,PAYT35A, PAYT35B, PAYT35C, PAYT35D, PAYT35E, PAYT35F, PAYT35G, PAYT55A, PAYT55B, PAYT55C, PAYT55D, PAYT55E, PAYT55F, PAYT55G, PAYT75A, PAYT75B, PAYT75C, PAYT75D, PAYT75E, PAYT75F, PAYT75G

Description: This variable derives the total number of minutes spent doing active transportation and moderate physical activities - Thursday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA

9999	PAY_010 = (7, 8, 9) or PAY_025 = (7, 8, 9) or PAY_030 = (7, 8, 9) or PAY_045 = (7, 8, 9) or PAY_050 = (7, 8, 9) or PAY_065 = (7, 8, 9) or PAY_070 = (7, 8, 9) or PAY_15A = (7, 8, 9) or PAY_15AN = (7, 8, 9) or PAY_55A = (7, 8, 9) or PAY_55AN = (7, 8, 9) or PAY_75A = (7, 8, 9) or PAY_75AN = (7, 8, 9) or PAY_15B = (7, 8, 9) or PAY_15BN = (7, 8, 9) or PAY_55B = (7, 8, 9) or PAY_55BN = (7, 8, 9) or PAY_75B = (7, 8, 9) or PAY_75BN = (7, 8, 9) or PAY_15C = (7, 8, 9) or PAY_15CN = (7, 8, 9) or PAY_55C = (7, 8, 9) or PAY_55CN = (7, 8, 9) or PAY_75C = (7, 8, 9) or PAY_75CN = (7, 8, 9) or PAY_15D = (7, 8, 9) or PAY_15DN = (7, 8, 9) or PAY_55D = (7, 8, 9) or PAY_55DN = (7, 8, 9) or PAY_75D = (7, 8, 9) or PAY_75DN = (7, 8, 9) or PAY_15E = (7, 8, 9) or PAY_15EN = (7, 8, 9) or PAY_55E = (7, 8, 9) or PAY_55EN = (7, 8, 9) or PAY_75E = (7, 8, 9) or PAY_75EN = (7, 8, 9) or PAY_15F = (7, 8, 9) or PAY_15FN = (7, 8, 9) or PAY_55F = (7, 8, 9) or PAY_55FN = (7, 8, 9) or PAY_75F = (7, 8, 9) or PAY_75FN = (7, 8, 9) or PAY_15G = (7, 8, 9) or PAY_15GN = (7, 8, 9) or PAY_55G = (7, 8, 9) or PAY_55GN = (7, 8, 9) or PAY_75G = (7, 8, 9) or PAY_75GN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYT15C + PAYT35C + PAYT55C + PAYT75C	PAY_EDTE = 1	Total number of minutes of physical activity - Thursday	(min: 1; max: 1440)
PAYT15D + PAYT35D + PAYT55D + PAYT75D	PAY_EDTE = 2	Total number of minutes of physical activity - Thursday	(min: 1; max: 1440)
PAYT15E + PAYT35E + PAYT55E + PAYT75E	PAY_EDTE = 3	Total number of minutes of physical activity - Thursday	(min: 1; max: 1440)
PAYT15F + PAYT35F + PAYT55F + PAYT75F	PAY_EDTE = 4	Total number of minutes of physical activity - Thursday	(min: 1; max: 1440)

PAYT15G + PAYT35G + PAYT55G + PAYT75G	PAY_EDTE = 5	Total number of minutes of physical activity - Thursday	(min: 1; max: 1440)
PAYT15A + PAYT35A + PAYT55A + PAYT75A	PAY_EDTE = 6	Total number of minutes of physical activity - Thursday	(min: 1; max: 1440)
PAYT15B + PAYT35B + PAYT55B + PAYT75B	PAY_EDTE = 7	Total number of minutes of physical activity - Thursday	(min: 1; max: 1440)

9) Total number of minutes of physical activity - Friday

Variable name: PAYDVTFR

Based on: DHH_AGE, PAY_EDTE, PAY_010, PAY_15A, PAY_15AN, PAY_15B, PAY_15BN, PAY_15C, PAY_15CN, PAY_15D, PAY_15DN, PAY_15E, PAY_15EN, PAY_15F, PAY_15FN, PAY_15G, PAY_15GN, PAY_025, PAY_030, PAY_35A, PAY_35AN, PAY_35B, PAY_35BN, PAY_35C, PAY_35CN, PAY_35D, PAY_35DN, PAY_35E, PAY_35EN, PAY_35F, PAY_35FN, PAY_35G, PAY_35GN, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAY_065, PAY_070, PAY_75A, PAY_75AN, PAY_75B, PAY_75BN, PAY_75C, PAY_75CN, PAY_75D, PAY_75DN, PAY_75E, PAY_75EN, PAY_75F, PAY_75FN, PAY_75G, PAY_75GN, PAYT15A, PAYT15B, PAYT15C, PAYT15D, PAYT15E, PAYT15F, PAYT15G,PAYT35A, PAYT35B, PAYT35C, PAYT35D, PAYT35E, PAYT35F, PAYT35G, PAYT55A, PAYT55B, PAYT55C, PAYT55D, PAYT55E, PAYT55F, PAYT55G, PAYT75A, PAYT75B, PAYT75C, PAYT75D, PAYT75E, PAYT75F, PAYT75G

Description: This variable derives the total number of minutes spent doing active transportation and moderate physical activities - Friday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA

| 9999 | PAY_010 = (7, 8, 9) or
PAY_025 = (7, 8, 9) or
PAY_030 = (7, 8, 9) or
PAY_045 = (7, 8, 9) or
PAY_050 = (7, 8, 9) or
PAY_065 = (7, 8, 9) or
PAY_070 = (7, 8, 9) or
PAY_15A = (7, 8, 9) or
PAY_15AN = (7, 8, 9) or
PAY_35A = (7, 8, 9) or
PAY_35AN = (7, 8, 9) or
PAY_55A = (7, 8, 9) or
PAY_55AN = (7, 8, 9) or
PAY_75A = (7, 8, 9) or
PAY_75AN = (7, 8, 9) or
PAY_15B = (7, 8, 9) or
PAY_15BN = (7, 8, 9) or
PAY_35B = (7, 8, 9) or
PAY_35BN = (7, 8, 9) or
PAY_55B = (7, 8, 9) or
PAY_55BN = (7, 8, 9) or
PAY_75B = (7, 8, 9) or
PAY_75BN = (7, 8, 9) or
PAY_15C = (7, 8, 9) or
PAY_15CN = (7, 8, 9) or
PAY_35C = (7, 8, 9) or
PAY_35CN = (7, 8, 9) or
PAY_55C = (7, 8, 9) or
PAY_55CN = (7, 8, 9) or
PAY_75C = (7, 8, 9) or
PAY_75CN = (7, 8, 9) or
PAY_15D = (7, 8, 9) or
PAY_15DN = (7, 8, 9) or
PAY_35D = (7, 8, 9) or
PAY_35DN = (7, 8, 9) or
PAY_55D = (7, 8, 9) or
PAY_55DN = (7, 8, 9) or
PAY_75D = (7, 8, 9) or
PAY_75DN = (7, 8, 9) or
PAY_15E = (7, 8, 9) or
PAY_15EN = (7, 8, 9) or
PAY_35E = (7, 8, 9) or
PAY_35EN = (7, 8, 9) or
PAY_55E = (7, 8, 9) or
PAY_55EN = (7, 8, 9) or
PAY_75E = (7, 8, 9) or
PAY_75EN = (7, 8, 9) or
PAY_15F = (7, 8, 9) or
PAY_15FN = (7, 8, 9) or
PAY_35F = (7, 8, 9) or
PAY_35FN = (7, 8, 9) or
PAY_55F = (7, 8, 9) or
PAY_55FN = (7, 8, 9) or
PAY_75F = (7, 8, 9) or
PAY_75FN = (7, 8, 9) or
PAY_15G = (7, 8, 9) or
PAY_15GN = (7, 8, 9) or
PAY_35G = (7, 8, 9) or
PAY_35GN = (7, 8, 9) or
PAY_55G = (7, 8, 9) or
PAY_55GN = (7, 8, 9) or
PAY_75G = (7, 8, 9) or
PAY_75GN = (7, 8, 9) | At least one required question was not answered
(don't know, refusal, not stated) | NS |
| PAYT15B +
PAYT35B +
PAYT55B +
PAYT75B | PAY_EDTE = 1 | Total number of minutes of physical activity - Friday | (min: 1; max: 1440) |

PAYT15C + PAYT35C + PAYT55C + PAYT75C	PAY_EDTE = 2	Total number of minutes of physical activity - Friday (min: 1; max: 1440)
PAYT15D + PAYT35D + PAYT55D + PAYT75D	PAY_EDTE = 3	Total number of minutes of physical activity - Friday (min: 1; max: 1440)
PAYT15E + PAYT35E + PAYT55E + PAYT75E	PAY_EDTE = 4	Total number of minutes of physical activity - Friday (min: 1; max: 1440)
PAYT15F + PAYT35F + PAYT55F + PAYT75F	PAY_EDTE = 5	Total number of minutes of physical activity - Friday (min: 1; max: 1440)
PAYT15G + PAYT35G + PAYT55G + PAYT75G	PAY_EDTE = 6	Total number of minutes of physical activity - Friday (min: 1; max: 1440)
PAYT15A + PAYT35A + PAYT55A + PAYT75A	PAY_EDTE = 7	Total number of minutes of physical activity - Friday (min: 1; max: 1440)

10) Total number of minutes of physical activity - Saturday

Variable name: PAYDVTST

Based on: DHH_AGE, PAY_EDTE, PAY_010, PAY_15A, PAY_15AN, PAY_15B, PAY_15BN, PAY_15C, PAY_15CN, PAY_15D, PAY_15DN, PAY_15E, PAY_15EN, PAY_15F, PAY_15FN, PAY_15G, PAY_15GN, PAY_025, PAY_030, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAY_065, PAY_070, PAY_75A, PAY_75AN, PAY_75B, PAY_75BN, PAY_75C, PAY_75CN, PAY_75D, PAY_75DN, PAY_75E, PAY_75EN, PAY_75F, PAY_75FN, PAY_75G, PAY_75GN, PAYT15A, PAYT15B, PAYT15C, PAYT15D, PAYT15E, PAYT15F, PAYT15G,PAYT35A, PAYT35B, PAYT35C, PAYT35D, PAYT35E, PAYT35F, PAYT35G, PAYT55A, PAYT55B, PAYT55C, PAYT55D, PAYT55E, PAYT55F, PAYT55G, PAYT75A, PAYT75B, PAYT75C, PAYT75D, PAYT75E, PAYT75F, PAYT75G

Description: This variable derives the total number of minutes spent doing active transportation and moderate physical activities - Saturday

Note: The questions about activity during school or day camps was not asked for Saturday. This variable sums the number of minutes of active transportation, recreational activity during leisure and other activity.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA

9999	PAY_010 = (7, 8, 9) or PAY_025 = (7, 8, 9) or PAY_030 = (7, 8, 9) or PAY_045 = (7, 8, 9) or PAY_050 = (7, 8, 9) or PAY_065 = (7, 8, 9) or PAY_070 = (7, 8, 9) or PAY_15A = (7, 8, 9) or PAY_15AN = (7, 8, 9) or PAY_55A = (7, 8, 9) or PAY_55AN = (7, 8, 9) or PAY_75A = (7, 8, 9) or PAY_75AN = (7, 8, 9) or PAY_15B = (7, 8, 9) or PAY_15BN = (7, 8, 9) or PAY_55B = (7, 8, 9) or PAY_55BN = (7, 8, 9) or PAY_75B = (7, 8, 9) or PAY_75BN = (7, 8, 9) or PAY_15C = (7, 8, 9) or PAY_15CN = (7, 8, 9) or PAY_55C = (7, 8, 9) or PAY_55CN = (7, 8, 9) or PAY_75C = (7, 8, 9) or PAY_75CN = (7, 8, 9) or PAY_15D = (7, 8, 9) or PAY_15DN = (7, 8, 9) or PAY_55D = (7, 8, 9) or PAY_55DN = (7, 8, 9) or PAY_75D = (7, 8, 9) or PAY_75DN = (7, 8, 9) or PAY_15E = (7, 8, 9) or PAY_15EN = (7, 8, 9) or PAY_55E = (7, 8, 9) or PAY_55EN = (7, 8, 9) or PAY_75E = (7, 8, 9) or PAY_75EN = (7, 8, 9) or PAY_15F = (7, 8, 9) or PAY_15FN = (7, 8, 9) or PAY_55F = (7, 8, 9) or PAY_55FN = (7, 8, 9) or PAY_75F = (7, 8, 9) or PAY_75FN = (7, 8, 9) or PAY_15G = (7, 8, 9) or PAY_15GN = (7, 8, 9) or PAY_55G = (7, 8, 9) or PAY_55GN = (7, 8, 9) or PAY_75G = (7, 8, 9) or PAY_75GN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYT15A + PAYT55A + PAYT75A	PAY_EDTE = 1	Total number of minutes of physical activity - Saturday	(min: 1; max: 1440)
PAYT15B + PAYT55B + PAYT75B	PAY_EDTE = 2	Total number of minutes of physical activity - Saturday	(min: 1; max: 1440)
PAYT15C + PAYT55C + PAYT75C	PAY_EDTE = 3	Total number of minutes of physical activity - Saturday	(min: 1; max: 1440)
PAYT15D + PAYT55D + PAYT75D	PAY_EDTE = 4	Total number of minutes of physical activity - Saturday	(min: 1; max: 1440)
PAYT15E + PAYT55E + PAYT75E	PAY_EDTE = 5	Total number of minutes of physical activity - Saturday	(min: 1; max: 1440)
PAYT15F + PAYT55F + PAYT75F	PAY_EDTE = 6	Total number of minutes of physical activity - Saturday	(min: 1; max: 1440)

PAYT15G + PAYT55G + PAYT75G	PAY_EDTE = 7	Total number of minutes of physical activity - Saturday	(min: 1; max: 1440)

11) Total number of minutes of physical activity - Sunday

Variable name: PAYDVTSN

Based on: DHH_AGE, PAY_EDTE, PAY_010, PAY_15A, PAY_15AN, PAY_15B, PAY_15BN, PAY_15C, PAY_15CN, PAY_15D, PAY_15DN, PAY_15E, PAY_15EN, PAY_15F, PAY_15FN, PAY_15G, PAY_15GN, PAY_025, PAY_030, PAY_045, PAY_050, PAY_55A, PAY_55AN, PAY_55B, PAY_55BN, PAY_55C, PAY_55CN, PAY_55D, PAY_55DN, PAY_55E, PAY_55EN, PAY_55F, PAY_55FN, PAY_55G, PAY_55GN, PAY_065, PAY_070, PAY_75A, PAY_75AN, PAY_75B, PAY_75BN, PAY_75C, PAY_75CN, PAY_75D, PAY_75DN, PAY_75E, PAY_75EN, PAY_75F, PAY_75FN, PAY_75G, PAY_75GN, PAYT15A, PAYT15B, PAYT15C, PAYT15D, PAYT15E, PAYT15F, PAYT15G,PAYT35A, PAYT35B, PAYT35C, PAYT35D, PAYT35E, PAYT35F, PAYT35G, PAYT55A, PAYT55B, PAYT55C, PAYT55D, PAYT55E, PAYT55F, PAYT55G, PAYT75A, PAYT75B, PAYT75C, PAYT75D, PAYT75E, PAYT75F, PAYT75G

Description: This variable derives the total number of minutes spent doing active transportation and moderate physical activities - Sunday

Note: The questions about activity during school or day camps was not asked on Sundays. This variable sums the number of minutes of active transportation, recreational activity during leisure and other activity.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA

9999	PAY_010 = (7, 8, 9) or PAY_025 = (7, 8, 9) or PAY_030 = (7, 8, 9) or PAY_045 = (7, 8, 9) or PAY_050 = (7, 8, 9) or PAY_065 = (7, 8, 9) or PAY_070 = (7, 8, 9) or PAY_15A = (7, 8, 9) or PAY_15AN = (7, 8, 9) or PAY_55A = (7, 8, 9) or PAY_55AN = (7, 8, 9) or PAY_75A = (7, 8, 9) or PAY_75AN = (7, 8, 9) or PAY_15B = (7, 8, 9) or PAY_15BN = (7, 8, 9) or PAY_55B = (7, 8, 9) or PAY_55BN = (7, 8, 9) or PAY_75B = (7, 8, 9) or PAY_75BN = (7, 8, 9) or PAY_15C = (7, 8, 9) or PAY_15CN = (7, 8, 9) or PAY_55C = (7, 8, 9) or PAY_55CN = (7, 8, 9) or PAY_75C = (7, 8, 9) or PAY_75CN = (7, 8, 9) or PAY_15D = (7, 8, 9) or PAY_15DN = (7, 8, 9) or PAY_55D = (7, 8, 9) or PAY_55DN = (7, 8, 9) or PAY_75D = (7, 8, 9) or PAY_75DN = (7, 8, 9) or PAY_15E = (7, 8, 9) or PAY_15EN = (7, 8, 9) or PAY_55E = (7, 8, 9) or PAY_55EN = (7, 8, 9) or PAY_75E = (7, 8, 9) or PAY_75EN = (7, 8, 9) or PAY_15F = (7, 8, 9) or PAY_15FN = (7, 8, 9) or PAY_55F = (7, 8, 9) or PAY_55FN = (7, 8, 9) or PAY_75F = (7, 8, 9) or PAY_75FN = (7, 8, 9) or PAY_15G = (7, 8, 9) or PAY_15GN = (7, 8, 9) or PAY_55G = (7, 8, 9) or PAY_55GN = (7, 8, 9) or PAY_75G = (7, 8, 9) or PAY_75GN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYT15G + PAYT55G + PAYT75G	PAY_EDTE = 1	Total number of minutes of physical activity - Sunday (min:0; max:1440)	
PAYT15A + PAYT55A + PAYT75A	PAY_EDTE = 2	Total number of minutes of physical activity - Sunday (min:0; max:1440)	
PAYT15B + PAYT55B + PAYT75B	PAY_EDTE = 3	Total number of minutes of physical activity - Sunday (min: 1; max: 1440)	
PAYT15C + PAYT55C + PAYT75C	PAY_EDTE = 4	Total number of minutes of physical activity - Sunday (min: 1; max: 1440)	
PAYT15D + PAYT55D + PAYT75D	PAY_EDTE = 5	Total number of minutes of physical activity - Sunday (min: 1; max: 1440)	
PAYT15E + PAYT55E + PAYT75E	PAY_EDTE = 6	Total number of minutes of physical activity - Sunday (min: 1; max: 1440)	

PAYT15F + PAYT55F + PAYT75F	PAY_EDTE = 7	Total number of minutes of physical activity - Sunday (min: 1; max: 1440)

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12) Total number of days physically active - last 7 days

Variable name: PAYDVDYS

Based on: DHH_AGE, PAYDVTMN, PAYDVTTU, PAYDVTWD, PAYDVTTH, PAYDVTFR, PAYDVTST, PAYDVTSN, PAYTTDS

Description: This derived variable indicates the total number of days that the respondent did any physical activity in the last 7 days.

Note: This DV uses a temporary DV, PAYTTDS, that is also created and used in another DV, PAYDVWK3.

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
PAYTTDS			
PAYTTDS + 1	(1 <= PAYDVTMN <= 1440)	Performed physical activity - Monday	Initialize PAYTTDS to 0
PAYTTDS + 1	(1 <= PAYDVTTU <= 1440)	Performed physical activity - Tuesday	
PAYTTDS + 1	(1 <= PAYDVTWD <= 1440)	Performed physical activity - Wednesday	
PAYTTDS + 1	(1 <= PAYDVTTH <= 1440)	Performed physical activity - Thursday	
PAYTTDS + 1	(1 <= PAYDVTFR <= 1440)	Performed physical activity - Friday	
PAYTTDS + 1	(1 <= PAYDVTST <= 1440)	Performed physical activity - Saturday	
PAYTTDS + 1	(1 <= PAYDVTSN <= 1440)	Performed physical activity - Sunday	

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	DOPAY = 2	Module not selected	NA
96	DHH_AGE > 17	Population exclusions	NA
99	PAYDVTMN = 9 or PAYDVTTU = 9 or PAYDVTWD = 9 or PAYDVTTH = 9 or PAYDVTFR = 9 or PAYDVTST = 9 or PAYDVTSN = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAYDVTMN = 0 and PAYDVTTU = 0 and PAYDVTWD = 0 and PAYDVTTH = 0 and PAYDVTFR = 0 and PAYDVTST = 0 and PAYDVTSN = 0	Respondent was not active in the last 7 days	
PAYTTDS	PAYTTDS > 0	Number of days respondent was physically active in the last 7 days	(Min: 1; Max: 7)

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13) Total number of minutes of physical activity - last 7 days

Variable name: PAYDVMNS

Based on: DHH_AGE, PAYDVTMN, PAYDVTTU, PAYDVTWD, PAYDVTTH, PAYDVTFR, PAYDVTST, PAYDVTSN

Description: This derived variable represents the total number of minutes a respondent engaged in active transportation and moderate to vigorous recreational activities and other physical activities.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAY = 2	Module not selected	NA
99996	DHH_AGE > 17	Population exclusions	NA
99999	PAYDVTMN = (7, 8, 9) or PAYDVTTU = (7, 8, 9) or PAYDVTWD = (7, 8, 9) or PAYDVTTH = (7, 8, 9) or PAYDVTFR = (7, 8, 9) or PAYDVTST = (7, 8, 9) or PAYDVTSN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYDVTMN + PAYDVTTU + PAYDVTWD + PAYDVTTH + PAYDVTFR + PAYDVTST + PAYDVTSN	(0 <= PAYDVTMN <= 1440) and (0 <= PAYDVTTU <= 1440) and (0 <= PAYDVTWD <= 1440) and (0 <= PAYDVTTH <= 1440) and (0 <= PAYDVTFR <= 1440) and (0 <= PAYDVTST <= 1440) and (0 <= PAYDVTSN <= 1440)	Total number of minutes of active transportation and moderate to vigorous physical activity	(min: 1; max: 10080)

14) Average daily number of minutes of physical activities - last 7 days

Variable name: PAYDVAV7

Based on: DHH_AGE, PAYDVMNS

Description: This derived variable determines the average daily number of minutes of moderate to vigorous physical activity in the last 7 days.

Note: The average is based on the total number of minutes of moderate to vigorous physical activity in the week divided by seven.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9999.6	DOPAY = 2	Module not selected	NA
9999.6	DHH_AGE > 17	Population exclusions	NA
9999.9	PAYDVDYS = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAYDVMNS = 0	No physical activity minutes in the last 7 days	
PAYDVMNS / 7	PAYDVMNS = (1:10080)	Average daily minutes of physical activity in the last 7 days	Rounded to 1 decimal place

15) Total number of minutes of physical activities on weekdays - last 7 days

Variable name: PAYDVTWK

Based on: DHH_AGE, PAYDVTMN, PAYDVTTU, PAYDVTWD, PAYDVTTH, PAYDVTFR

Description: Total number of minutes of physical activity reported on weekdays (Monday to Friday).

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA
9999	PAYDVTMN = (7, 8, 9) or PAYDVTTU = (7, 8, 9) or PAYDVTWD = (7, 8, 9) or PAYDVTTH = (7, 8, 9) or PAYDVTFR = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYDVTMN + PAYDVTTU + PAYDVTWD + PAYDVTTH + PAYDVTFR +	(0 <= PAYDVTMN <= 1440) and (0 <= PAYDVTTU <= 1440) and (0 <= PAYDVTWD <= 1440) and (0 <= PAYDVTTH <= 1440) and (0 <= PAYDVTFR <= 1440)	Total number of minutes of moderate to vigorous physical activity Monday to Friday	(min: 0; max: 7200)

16) Total number of minutes of physical activities on weekend - last 7 days

Variable name: PAYDVTWN

Based on: DHH_AGE, PAYDVTST, PAYDVTSN

Description: Total number of physical activity minutes recorded on weekend (Saturday or Sunday).

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
9996	DOPAY = 2	Module not selected	NA
9996	DHH_AGE > 17	Population exclusions	NA
9999	PAYDVTST = (7, 8, 9) or PAYDVTSN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYDVTST + PAYDVTSN	(0 <= PAYDVTST <= 1440) and (0 <= PAYDVTSN <= 1440)	Total number of minutes of moderate to vigorous physical activity Saturday to Sunday	(min: 0; max: 2880)

17) Number of days meeting or exceeding physical activity guidelines

Variable name: PAYDVDPG

Based on: DHH_AGE, PAYDVTMN, PAYDVTTU, PAYDVTWD, PAYDVTTH, PAYDVTFR, PAYDVTST, PAYDVTSN, PAYTGUI

Description: This derived variable indicates the number of days where the recommended physical activity guidelines (CPAG) are met or exceeded.

Note: To meet the full guidelines set by the Canadian Physical Activity Guidelines, Canadians aged 12-17 are recommended to do 60 minutes of activity each day of the week. Thus, a respondent would be considered active under CPAG recommendations when this derived variable equals 7.

             This DV uses a temporary DV, PAYTGUI, that is also created and used in another DV, PAYDVWK2.

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
PAYTGUI			
PAYTGUI + 1	(60 <= PAYDVTMN <= 1440)	Met Physical Activity Guidelines - Monday	initialize PAYTGUI to 0

PAYTGUI + 1	(60 <= PAYDVTTU <= 1440)	Met Physical Activity Guidelines - Tuesday
PAYTGUI + 1	(60 <= PAYDVTWD <= 1440)	Met Physical Activity Guidelines - Wednesday
PAYTGUI + 1	(60 <= PAYDVTTH <= 1440)	Met Physical Activity Guidelines - Thursday
PAYTGUI + 1	(60 <= PAYDVTFR <= 1440)	Met Physical Activity Guidelines - Friday
PAYTGUI + 1	(60 <= PAYDVTST <= 1440)	Met Physical Activity Guidelines - Saturday
PAYTGUI + 1	(60 <= PAYDVTSN <= 1440)	Met Physical Activity Guidelines - Sunday

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	DOPAY = 2	Module not selected	NA
96	DHH_AGE > 17	Population exclusions	NA
99	PAYDVTMN = (7, 8, 9) or PAYDVTTU = (7, 8, 9) or PAYDVTWD = (7, 8, 9) or PAYDVTTH = (7, 8, 9) or PAYDVTFR = (7, 8, 9) or PAYDVTST = (7, 8, 9) or PAYDVTSN = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
PAYTGUI	PAYTGUI in (0:7)	Number of days respondent met CPAG	(Min: 0; Max: 7)

18) Youth physical activity indicator

Variable name: PAYDVPAI

Based on: DHH_AGE, PAYDVTMN, PAYDVTTU, PAYDVTWD, PAYDVTTH, PAYDVTFR, PAYDVTST, PAYDVTSN

Description: This variable indicates whether a youth is physically active according to the Canadian Physical Activity Guidelines.

Note: Physical activity for youth aged 12-17 is defined as at least 60 minutes of moderate-to-vigorous physical activity each day. Moderate exercise is defined in the Canadian Physical Activity Guidelines as activity that causes a person to breathe harder and sweat at least a little.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAY = 2	Module not selected	NA
6	DHH_AGE > 17	Population exclusions	NA
9	PAYDVTMN = 9 or PAYDVTTU = 9 or PAYDVTWD = 9 or PAYDVTTH = 9 or PAYDVTFR = 9 or PAYDVTST = 9 or PAYDVTSN = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAYDVTMN = 0 and PAYDVTTU = 0 and PAYDVTWD = 0 and PAYDVTTH = 0 and PAYDVTFR = 0 and PAYDVTST = 0 and PAYDVTSN = 0	No activity	

| 1 | (60 <= PAYDVTMN <= 1440) and
 (60 <= PAYDVTTU <= 1440) and
 (60 <= PAYDVTWD <= 1440) and
 (60 <= PAYDVTTH <= 1440) and
 (60 <= PAYDVTFR <= 1440) and
 (60 <= PAYDVTST <= 1440) and
 (60 <= PAYDVTSN <= 1440) | Physically active according to the Canadian Physical Activity Guidelines. |
| 2 | PAYDVTMN < 60 or
 PAYDVTTU < 60 or
 PAYDVTWD < 60 or
 PAYDVTTH < 60 or
 PAYDVTFR < 60 or
 PAYDVTST < 60 or
 PAYDVTSN < 60 | Not physically active according to the Canadian Physical Activity Guidelines. |

19) Total number of minutes of vigorous physical activity - last 7 days

Variable name: PAYDVVIG

Based on: DHH_AGE, PAYDVMNS, PAY_090, PAY_100, PAY_105

Description: This derived variable indicates the total number of minutes of vigorous physical activity in the last 7 days.

Note: Vigorous exercise is defined in the Canadian Physical Activity Guidelines as activity that causes a person to be out of breath.

Inconsistencies with PAYDVMNS (when PAYDVVIG > PAYDVMNS) were corrected by setting PAYDVVIG to "not stated". If a respondent reported no vigorous physical activity (PAY_090 = 2) and PAYDVMNS has been coded to "not stated", PAYDVVIG was coded to "not stated" as well, instead of 0.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
99996	DOPAY = 2	Module not selected	NA
99996	DHH_AGE > 17	Population exclusions	NA
99999	PAY_090 = (7, 8, 9) or PAY_100 = (7, 8, 9) or PAY_105 = (7, 8, 9) or PAYDVMNS = 99999	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PAY_090 = 2	No minutes of vigorous physical activity in last 7 days	
0	PAYDVMNS = 0	No minutes of moderate to vigorous physical activity in last 7 days	
PAY_100*60 + PAY_105	PAY_090 = 1	Number of minutes of vigorous physical activity in last 7 days.	(min: 1; max: 10080)

20) Physical activity - special weekly guideline 1

Variable name: PAYDVWK1

Based on: DHH_AGE, PAYDVDYS, PAYDVMNS

Description: This variable, number one of three similar variables, indicates the level of moderate to vigorous physical activity for Canadian children aged 12 to 17. The levels have been recommended to Statistics Canada by Dr. B. Nolin of the Institut national de santé publique du Québec.

Note: The physical activity levels are based on the Canadian Physical Activity Guidelines (CPAG). Each level represents a range of achievement of meeting the total duration (minutes) of weekly guidelines.

* Recreational physical activities: physical activities practiced at school or any other place (at home, at the park, leisure center or elsewhere). In this survey, activities done during mandatory physical education classes are reported with recreational physical activities done at school.
* Other physical activities: physical activities done while at work or in or around home. The respondent provides an estimate for these 2 components in the same answer

	Specifications		
Value	Condition(s)	Description	Notes
6	DOPAY = 2	Module not selected	NA
6	DHH_AGE > 17	Population exclusions	NA
9	PAYDVDYS = (7, 8, 9) or PAYDVMNS = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAYDVDYS >= 1 and PAYDVMNS >= 420	Level 1 (100% active)	
2	PAYDVDYS >= 1 and 210 <= PAYDVMNS < 420	Level 2 (>= 50% and < 100% active)	
3	PAYDVDYS >= 1 and 105 <= PAYDVMNS < 210	Level 3 (>= 25% and < 50% active)	
4	PAYDVDYS >= 1 and 0 < PAYDVMNS < 105	Level 4 (> 0% and < 25% active)	
5	PAYDVDYS = 0 and PAYDVMNS = 0	Level 5 (Recreational* and other* physical activities done at less thanmoderate intensity OR no active transportation, recreational and other* physical activity in the last 7 days)	

21) Physical activity - special weekly guideline 2

Variable name: PAYDVWK2

Based on: DHH_AGE, PAYDVDYS, PAYDVTMN, PAYDVTTU, PAYDVTWD, PAYDVTTH, PAYDVTFR, PAYDVTST, PAYDVTSN, PAYTGUI, PAYTAB1, PAYTAB2, PAYTAB3

Description: This variable, number two of three similar variables, indicates the level of moderate to vigorous physical activity for Canadian children aged 12 to 17. The levels have been recommended to Statistics Canada by Dr. B. Nolin of the Institut national de santé publique du Québec.

Note: This DV uses a temporary DV, PAYTGUI, that is also created and used in another DV, PAYDVDPG.
The physical activity levels are based on the Canadian Physical Activity Guidelines (CPAG). Each level is based on how many days the respondent was active, and how many minutes of activity they had on those days.
* Recreational physical activities: physical activities practiced at school or any other place (at home, at the park, leisure center or elsewhere). In this survey, activities done during mandatory physical education classes are reported with recreational physical activities done at school.
* Other physical activities: physical activities done while at work or in or around home. The respondent provides an estimate for these 2 components in the same answer

	Temporary Reformat		
Value	Condition(s)	Description	Notes
PAYTAB1			
PAYTAB1 + 1	40 <= PAYDVTMN <= 1440	Performed at least 40 minutes of physical activity - Monday	Initialize PAYTAB1 to 0
PAYTAB1 + 1	40 <= PAYDVTTU <= 1440	Performed at least 40 minutes of physical activity Tuesday	
PAYTAB1 + 1	40 <= PAYDVTWD <= 1440	Performed at least 40 minutes of physical activity - Wednesday	
PAYTAB1 + 1	40 <= PAYDVTTH <= 1440	Performed at least 40 minutes of physical activity - Thursday	

PAYTAB1 + 1	40 <= PAYDVTFR <= 1440	Performed at least 40 minutes of physical activity - Friday	
PAYTAB1 + 1	40 <= PAYDVTST <= 1440	Performed at least 40 minutes of physical activity - Saturday	
PAYTAB1 + 1	40 <= PAYDVTSN <= 1440	Performed at least 40 minutes of physical activity - Sunday	

PAYTAB2

PAYTAB2 + 1	20 <= PAYDVTMN <= 1440	Performed at least 20 minutes of physical activity - Monday	Initialize PAYTAB2 to 0
PAYTAB2 + 1	20 <= PAYDVTTU <= 1440	Performed at least 20 minutes of physical activity - Tuesday	
PAYTAB2 + 1	20 <= PAYDVTWD <= 1440	Performed at least 20 minutes of physical activity - Wednesday	
PAYTAB2 + 1	20 <= PAYDVTTH <= 1440	Performed at least 20 minutes of physical activity - Thursday	
PAYTAB2 + 1	20 <= PAYDVTFR <= 1440	Performed at least 20 minutes of physical activity - Friday	
PAYTAB2 + 1	20 <= PAYDVTST <= 1440	Performed at least 20 minutes of physical activity - Saturday	
PAYTAB2 + 1	20 <= PAYDVTSN <= 1440	Performed at least 20 minutes of physical activity - Sunday	

PAYTAB3

PAYTAB3 + 1	0 < PAYDVTMN <= 1440	Performed at least 1 minute of physical activity - Monday	Initialize PAYTAB3 to 0
PAYTAB3 + 1	0 < PAYDVTTU <= 1440	Performed at least 1 minute of physical activity - Tuesday	
PAYTAB3 + 1	0 < PAYDVTWD <= 1440	Performed at least 1 minute of physical activity - Wednesday	
PAYTAB3 + 1	0 < PAYDVTTH <= 1440	Performed at least 1 minute of physical activity - Thursday	
PAYTAB3 + 1	0 < PAYDVTFR <= 1440	Performed at least 1 minute of physical activity - Friday	
PAYTAB3 + 1	0 < PAYDVTST <= 1440	Performed at least 1 minute of physical activity Saturday	
PAYTAB3 + 1	0 < PAYDVTSN <= 1440	Performed at least 1 minute of physical activity - Sunday	

PAYTGUI

PAYTGUI + 1	(60 <= PAYDVTMN <= 1440)	Met Physical Activity Guidelines - Monday	Initialize PAYTGUI to 0
PAYTGUI + 1	(60 <= PAYDVTTU <= 1440)	Met Physical Activity Guidelines - Tuesday	
PAYTGUI + 1	(60 <= PAYDVTWD <= 1440)	Met Physical Activity Guidelines - Wednesday	
PAYTGUI + 1	(60 <= PAYDVTTH <= 1440)	Met Physical Activity Guidelines - Thursday	
PAYTGUI + 1	(60 <= PAYDVTFR <= 1440)	Met Physical Activity Guidelines - Friday	
PAYTGUI + 1	(60 <= PAYDVTST <= 1440)	Met Physical Activity Guidelines - Saturday	
PAYTGUI + 1	(60 <= PAYDVTSN <= 1440)	Met Physical Activity Guidelines - Sunday	

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAY = 2	Module not selected	NA

6	DHH_AGE > 17	Population exclusions	NA
9	PAYDVTMN = 9 or PAYDVTTU = 9 or PAYDVTWD = 9 or PAYDVTTH = 9 or PAYDVTFR = 9 or PAYDVTST = 9 or PAYDVTSN = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAYDVDYS = 7 and PAYTGUI = 7	Level 1 (7 days of activity and >= 60 minutes on each day active)	
2	5 <= PAYDVDYS and PAYTAB1 => 5	Level 2 (>= 5 days of activity and >=40 minutes on each day active)	
3	3 <= PAYDVDYS and PAYTAB2 => 3	Level 3 (>= 3 days of activity and >= 20 minutes on each day active)	
4	1 <= PAYDVDYS and PAYTAB3 => 1	Level 4 (>= 1 day of activity >= 1 minute on each day active)	
5	PAYDVDYS = 0	Level 5 (Recreational* and other* physical activities done at less than moderate intensity OR no active transportation, recreational and other* physical activity in the last 7 days)	

22) Physical activity - special weekly guideline 3

Variable name: PAYDVWK3

Based on: DHH_AGE, PAYDVMNS, PAYDVTMN, PAYDVTTU, PAYDVTWD, PAYDVTTH, PAYDVTFR, PAYDVTST, PAYDVTSN, PAYTTDS

Description: This variable, number three of three similar variables, indicates the level of moderate to vigorous physical activity for Canadian children aged 12 to 17. The levels have been recommended to Statistics Canada by Dr. B. Nolin of the Institut national de santé publique du Québec.

Note: This DV uses a temporary DV, PAYTTDS, that is also created and used in another DV, PAYDVDYS.
The physical activity levels are based on the Canadian Physical Activity Guidelines (CPAG). Each level is based on the weekly total number of minutes of activity and on how many days the respondent was active.
* Recreational physical activities: physical activities practiced at school or any other place (at home, at the park, leisure center or elsewhere). In this survey, activities done during mandatory physical education classes are reported with recreational physical activities done at school.
* Other physical activities: physical activities done while at work or in or around home. The respondent provides an estimate for these 2 components in the same answer.

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
PAYTTDS			
PAYTTDS + 1	(1 <= PAYDVTMN <= 1440)	Performed physical activity - Monday	Initialize PAYTTDS to 0
PAYTTDS + 1	(1 <= PAYDVTTU <= 1440)	Performed physical activity - Tuesday	
PAYTTDS + 1	(1 <= PAYDVTWD <= 1440)	Performed physical activity - Wednesday	
PAYTTDS + 1	(1 <= PAYDVTTH <= 1440)	Performed physical activity - Thursday	
PAYTTDS + 1	(1 <= PAYDVTFR <= 1440)	Performed physical activity - Friday	
PAYTTDS + 1	(1 <= PAYDVTST <= 1440)	Performed physical activity - Saturday	
PAYTTDS + 1	(1 <= PAYDVTSN <= 1440)	Performed physical activity - Sunday	

Specifications

Value	Condition(s)	Description	Notes
6	DOPAY = 2	Module not selected	NA
6	DHH_AGE > 17	Population exclusions	NA
9	PAYTTDS = (7, 8, 9) or PAYDVMNS = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PAYTTDS >= 5 and PAYDVMNS >= 420	Level 1 (Duration equal to or greater than that recommended, spread over at least 5 days a week.	
2	PAYTTDS >= 3 and PAYDVMNS >= 210	Level 2 (≥ 50% of the recommended duration, spread over at least 3 days a week)	
3	PAYTTDS >= 3 and (210 > PAYDVMNS >= 105)	Level 3 (≥ 25% of the recommended duration, spread over at least 3 days a week)	
4	PAYTTDS >= 1 and PAYDVMNS > 0	Level 4 (>0% and <25% of the recommended duration, spread over at least 1 day a week)	
5	PAYTTDS = 0 and PAYDVMNS = 0	Level 5 (Recreational* and other* physical activities done at less than moderate intensity OR no active transportation, recreational and other* physical activity in the last 7 days)	

23) Physical activity - meet Canadian Physical Activity Guidelines with 3 or more vigorous-intensity physical activities - last 7 days

Variable name: PAYDVPAG

Based on: DHH_AGE, PAYDVMSN, PAYDVPAI, PAY_090, PAY_095, PAY_095A, PAY_095B, PAY_095C, PAY_05D, PAY_095E, PAY_095F, PAY_095G, PAYTVIG1

Description: This variables indicates whether a youth respondent met the 60 minutes of daily moderate- to vigorous-intensity physical activity recommended by the Canadian Physical Activity Guidelines, including vigorous-intensity activities at least 3 of the last 7 days.

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
PAYTVIG1			
PAYTVIG1 + 1	PAY_095A = 1	Performed vigorous activities yesterday	Initialize PAYTVIG1 to 0
PAYTVIG1 + 1	PAY_095B = 1	Performed vigorous activities 2 days ago	
PAYTVIG1 + 1	PAY_095C = 1	Performed vigorous activities 3 days ago	
PAYTVIG1 + 1	PAY_095D = 1	Performed vigorous activities 4 days ago	
PAYTVIG1 + 1	PAY_095E = 1	Performed vigorous activities 5 days ago	
PAYTVIG1 + 1	PAY_095F = 1	Performed vigorous activities 6 days ago	
PAYTVIG1 + 1	PAY_095G = 1	Performed vigorous activities 7 days ago	

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPAY = 2	Module not selected	NA
6	DHH_AGE > 17	Population exclusions	NA
9	PAY_090 = (7, 8, 9) or PAY_095 = (7, 8, 9) or PAYDVMNS = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS

1	PAYDVPAI = 1 and PAYTVIG1 > 2	Meets CPAG including 3 or more days with vigorous activities in the last 7 days.
2	PAYDVPAI = (0,2) or PAY_090 = 2 or PAYTVIG1 = (1,2)	Does not meet CPAG including 3 or more days with vigorous activities in the last 7 days.

Help needed (7 DVs)

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1) Didn't get more information: other - Grouped

Variable name:　　PN1G01L1

Based on:　　PN1_01J1, PN1_01L1

Description:　　Didn't get more information: language or other.

Note:　　This is a regrouping of PN1_01J1, PN1_01L1.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	PN1_01J1=6 or PN1_01L1=6	Population exclusions	NA
9	PN1_01J1= (7,8,9) or PN1_01L1= (7,8,9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PN1_01J1=1 or PN1_01L1=1	Yes	
2	PN1_01J1=2 and PN1_01L1=2	No	

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2) Didn't get more medication: other - Grouped

Variable name:　　PN1G01L2

Based on:　　PN1_01J2, PN1_01L2

Description:　　Didn't get more medication: language/other.

Note:　　This is a regrouping of PN1_01J2, PN1_01L2.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	PN1_01J2=6 or PN1_01L2=6	Module not selected or population exlusions.	NA
9	PN1_01J2= (7,8,9) or PN1_01L2=(7,8,9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PN1_01J2=1 or PN1_01L2=1	Yes	
2	PN1_01J2=2 or PN1_01L2=2	No	

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3) Didn't get more medication: other - Grouped

Variable name:　　PN1G01L3

Based on:　　PN1_01J3, PN1_01L3

Description:　　Didn't get more medication: language/other

Note: This is a regrouping of PN1_01J3, PN1_01L3.

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**
6	PN1_01J3=6 or PN1_01L3=6	Population exclusions	NA
9	PN1_01J3=(7,8,9) or PN1_01L3=(7,8,9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PN1_01J3=1 or PN1_01L3=1	Yes	
2	PN1_01J3=2 or PN1_01L3=2	No	

4) Didn't get more medication: other - Grouped

Variable name: PN1G01L4

Based on: PN1_01J4, PN1_01L4

Description: Didn't get more medication: language/other

Note: This is a regroupement of PN1_01J4, PN1_01L4.

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**
6	PN1_01J4=6 or PN1_01L4=6	Population exclusions	NA
9	PN1_01J4=(7,8,9) or PN1_01L4=(7,8,9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PN1_01J4=1 or PN1_01L4=1	Yes	
2	PN1_01J4=2 or PN1_01L4=2	No	

5) Didn't get more medication: other - Grouped

Variable name: PN1G01L5

Based on: PN1_01J5, PN1_01L5

Description: Didn't get more medication: language/other

Note: This is a regrouping of PN1_01J5, PN1_01L5.

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**
6	PN1_01J5=6 or PN1_01L5=6	Population exclusions	NA
9	PN1_01J5=(7,8,9) or PN1_01L5=(7,8,9)	At least one required question was not answered (don't know, refusal, not stated)	NS

1	PN1_01J5=1 or PN1_01L5=1	Yes
2	PN1_01J5=2 or PN1_01L5=2	No

6) Didn't get more medication: other - Grouped

Variable name: PN1G01L6

Based on: PN1_01J6, PN1_01L6

Description: Didn't get more medication: language/other

Note: This is a regrouping of PN1_01J6, PN1_01L6.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	PN1_01J6=6 or PN1_01L6=6	Population exclusions	NA
9	PN1_01J6=(7,8,9) or PN1_01L6=(7,8,9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PN1_01J6=1 or PN1_01L6=1	Yes	
2	PN1_01J6=2 or PN1_01L6=2	No	

7) Didn't get more medication: other - Grouped

Variable name: PN1G01L7

Based on: PN1_01J7, PN1_01L7

Description: Didn't get more medication: language/other

Note: This is a regrouping of PN1_01J7, PN1_01L7.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	PN1_01J7=6 or PN1_01L7=6	Population exclusions	NA
9	PN1_01J7=(7,8,9) or PN1_01L7=(7,8,9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PN1_01J7=1 or PN1_01L7=1	Yes	
2	PN1_01J7=2 or PN1_01L7=2	No	

Perceived need for care (7 DVs)

The Perceived Need for Care (PNC) Module and its sub-block PN1 are based on the Perceived Need for Care Questionnaire (PNCQ). The PNCQ is a needs assessment questionnaire that was designed by G. Meadows for the National Survey of Mental Health and Wellbeing (NSMHWB) in Australia (1997 and 2007). The 2002 Canadian Community Health Survey - Mental Health and Well-being - Canadian Forces first included the Perceived Need for Care questions based on the 1997 PNCQ (Services 2, SR2 module). These questions were also used in the CFMHS in 2013. The major changes made to the structure and content of the CFMHS were largely kept for the Canadian Community Health Survey - Annual.

In the CCHS - Annual, questions are asked about four main types of help: 1) Information about the problems, treatments or available services, 2) Medication, 3) Counselling, therapy or help for problems with personal relationships, and 4) "other" types of help. Responses to the perceived need for help questions are then classified according to one of four levels of perceived need:

a) No need - people who were not receiving help, and felt that they had no need for it;
b) Need fully met - people who were receiving help, and felt that it was sufficient;
c) Need partially met - people who were receiving help, but felt that it was not sufficient; and
d) Need not met - people who were not receiving help, but felt that they needed it.

These levels are illustrated in PNCDVPNI, PNCDVPNM, PNCDVPNC, and PNCDVPNO. The variable PNCDVNED is a summary classification of the respondent's perceived need for mental health care in the past 12 months.

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1) Help received in past 12 months for problems with emotions, mental health or use of alcohol and drugs

Variable name:　　　PNCDVH12

Based on:　　　ADM_PRX, PNC_01A, PNC_01B, PNC_01C, PNC_01D, PNC_01E

Description:　　　This variable indicates whether help was received or not in past 12 months for problems with emotions, mental health or use of alcohol and drugs.

Note:　　　This derived variable has been updated from PNCFH12 in the CCHS - Mental Health (2012).

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPNC = 2	Module not selected	NA
6	DOPNC = 2	Module not selected	NA
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	PNC_01A = (7, 8, 9) or PNC_01B = (7, 8, 9) or PNC_01C = (7, 8, 9) or PNC_01D = (7, 8, 9) or PNC_01E = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	
9	PNC_01A = (7, 8, 9) or PNC_01B = (7, 8, 9) or PNC_01C = (7, 8, 9) or PNC_01D = (7, 8, 9) or PNC_01E = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	
1	PNC_01A = 1 or PNC_01B = 1 or PNC_01C = 1 or PNC_01D = 1	Respondent received at least one type of help during past 12 months for problems with emotions, mental health, or use of alcohol or drugs.	
1	PNC_01A = 1 or PNC_01B = 1 or PNC_01C = 1 or PNC_01D = 1	Respondent received at least one type of help during past 12 months for problems with emotions, mental health, or use of alcohol or drugs.	
2	PNC_01A = 2 and PNC_01B = 2 and PNC_01C = 2 and PNC_01D = 2 and PNC_01E = 1	Respondent has not received any help in past 12 months for problems with emotions, mental health, or use of alcohol or drugs.	

| 2 | PNC_01A = 2 and
PNC_01B = 2 and
PNC_01C = 2 and
PNC_01D = 2 and
PNC_01E = 1 | Respondent has not received any help in past 12 months for problems with emotions, mental health, or use of alcohol or drugs. | |

2) Number of types of help received in past 12 months for problems with emotions, mental health or use of alcohol and drugs

Variable name: PNCDVHCT

Based on: ADM_PRX, PNC_01A, PNC_01B, PNC_01C, PNC_01D, PNC_01E

Description: This variable indicates the number of types of help received in past 12 months for problems with emotions, mental health or use of alcohol or drugs.

Note: This derived variable has been updated from PNCDHCT in the CCHS - Mental Health (2012).

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
PNCT01A			
1	PNC_01A = 1	Received information about these problems, treatments or available services	
1	PNC_01A = 1	Received information about these problems, treatments or available services	
0	PNC_01A = 2	Did not receive information about these problems, treatments or available services	
0	PNC_01A = 2	Did not receive information about these problems, treatments or available services	
PNCT01B			
1	PNC_01B = 1	Received medication	
1	PNC_01B = 1	Received medication	
0	PNC_01B = 2	Did not receive medication	
0	PNC_01B = 2	Did not receive medication	
PNCT01C			
1	PNC_01C = 1	Received counselling, therapy or help for problems with personal relationships	
1	PNC_01C = 1	Received counselling, therapy or help for problems with personal relationships	
0	PNC_01C = 2	Did not receive counselling, therapy or help for problems with personal relationships	
0	PNC_01C = 2	Did not receive counselling, therapy or help for problems with personal relationships	
PNCT01D			
1	PNC_01D = 1	Received other type of help	
1	PNC_01D = 1	Received other type of help	
0	PNC_01D = 2	Did not receive other type of help	
0	PNC_01D = 2	Did not receive other type of help	

Specifications

Value	Condition(s)	Description	Notes
6	DOPNC = 2	Module not selected	NA
6	DOPNC = 2	Module not selected	NA
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	PNC_01A = (7, 8, 9) or PNC_01B = (7, 8, 9) or PNC_01C = (7, 8, 9) or PNC_01D = (7, 8, 9) or PNC_01E = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
9	PNC_01A = (7, 8, 9) or PNC_01B = (7, 8, 9) or PNC_01C = (7, 8, 9) or PNC_01D = (7, 8, 9) or PNC_01E = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	PNC_01E = 1	"None" selected	
0	PNC_01E = 1	"None" selected	
PNCT01A + PNCT01B + PNCT01C + PNCT01D	PNCT01A = (1, 0) and PNCT01B = (1, 0) and PNCT01C = (1, 0) and PNCT01D = (1, 0)	Number of types of help received in past 12 months for problems with emotions, mental health, or use of alcohol or drugs	
PNCT01A + PNCT01B + PNCT01C + PNCT01D	PNCT01A = (1, 0) and PNCT01B = (1, 0) and PNCT01C = (1, 0) and PNCT01D = (1, 0)	Number of types of help received in past 12 months for problems with emotions, mental health, or use of alcohol or drugs	

3) Perceived need for information in past 12 months for problems with emotions, mental health or use of alcohol and drugs

Variable name:　　PNCDVPNI

Based on:　　ADM_PRX, PNC_01A, PNC_02A, PNC_02BA, PNC_04A, PNC_04BA

Description:　　This variable indicates whether the perceived need for information was reported for problems with emotions, mental health or use of alcohol and drugs or not and if the need was: met, partially met or not met. The reference period is the past 12 months.

Note:　　This derived variable has been updated from PNCDPNI in the CCHS - Mental Health (2012).

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPNC = 2	Module not selected	NA
6	DOPNC = 2	Module not selected	NA
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	ADM_PRX = 1	Module not asked - proxy interview	NS
1	(PNC_01A = 2 and PNC_04A = 2) or (PNC_01A = 2 and PNC_04A = 1 and PNC_04BA = 2)	No need: did not receive information and did not need information	

1	(PNC_01A = 2 and PNC_04A = 2) or (PNC_01A = 2 and PNC_04A = 1 and PNC_04BA = 2)	No need: did not receive information and did not need information	
2	(PNC_01A = 1 and PNC_02A = 1) or (PNC_01A = 1 and PNC_02A = 2 and PNC_02BA = 2)	Need met: received information and information was sufficient	
2	(PNC_01A = 1 and PNC_02A = 1) or (PNC_01A = 1 and PNC_02A = 2 and PNC_02BA = 2)	Need met: received information and information was sufficient	
3	PNC_01A = 1 and PNC_02A = 2 and PNC_02BA = 1	Need partially met: received information but information was not sufficient	
3	PNC_01A = 1 and PNC_02A = 2 and PNC_02BA = 1	Need partially met: received information but information was not sufficient	
4	PNC_01A = 2 and PNC_04A = 1 and PNC_04BA = 1	Need not met: did not receive information and needed information	
4	PNC_01A = 2 and PNC_04A = 1 and PNC_04BA = 1	Need not met: did not receive information and needed information	
9	PNC_01A = (7, 8, 9) or PNC_02A = (7, 8, 9) or PNC_02BA = (7, 8, 9) or PNC_04A = (7, 8, 9) or PNC_04BA = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
9	PNC_01A = (7, 8, 9) or PNC_02A = (7, 8, 9) or PNC_02BA = (7, 8, 9) or PNC_04A = (7, 8, 9) or PNC_04BA = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS

4) Perceived need for medication in past 12 months for problems with emotions, mental health or use of alcohol and drugs

Variable name: PNCDVPNM

Based on: ADM_PRX, PNC_01B, PNC_02A, PNC_02BB, PNC_04A, PNC_04BB

Description: This variable indicates whether perceived need for medication was reported for problems with emotions, mental health or use of alcohol and drugs or not and if need was: met, partially met or not met. The reference period is the past 12 months.

Note: This derived variable has been updated from PNCDPNM in the CCHS - Mental Health (2012).

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPNC = 2	Module not selected	NA
6	DOPNC = 2	Module not selected	NA

9	ADM_PRX = 1	Module not asked - proxy interview	NS

| 1 | (PNC_01B = 2 and PNC_04A = 2) or (PNC_01B = 2 and PNC_04A = 1 and PNC_04BB = 2) | No need: did not receive medication and did not need medication | |

| 2 | (PNC_01B = 1 and PNC_02A = 1) or (PNC_01B = 1 and PNC_02A = 2 and PNC_02BB = 2) | Need met: received medication and medication was sufficient | |

| 3 | PNC_01B = 1 and PNC_02A = 2 and PNC_02BB = 1 | Need partially met: received medication but medication was not sufficient | |

| 4 | PNC_01B = 2 and PNC_04A = 1 and PNC_04BB = 1 | Need not met: did not receive medication and needed medication | |

| 9 | PNC_01B = (7, 8, 9) or PNC_02A = (7, 8, 9) or PNC_02BB = (7, 8, 9) or PNC_04A = (7, 8, 9) or PNC_04BB = (7, 8, 9) | At least one required question was not answered (don't know, refusal, not stated) | NS |

5) Perceived need for counselling in past 12 months for problems with emotions, mental health or use of alcohol and drugs

Variable name: PNCDVPNC

Based on: ADM_PRX, PNC_01C, PNC_02A, PNC_02BC, PNC_04A, PNC_04BC

Description: This variable indicates whether perceived need for counselling, therapy or help was reported for problems with emotions, mental health or use of alcohol and drugs or not and if the need was: met, partially met or not met. The reference period is the past 12 months.

Note: This derived variable has been updated from PNCDPNC in the CCHS - Mental Health (2012).

	Specifications		
Value	**Condition(s)**	**Description**	**Notes**
6	DOPNC = 2	Module not selected	NA
6	DOPNC = 2	Module not selected	NA
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	ADM_PRX = 1	Module not asked - proxy interview	NS
1	(PNC_01C = 2 and PNC_04A = 2) or (PNC_01C = 2 and PNC_04A = 1 and PNC_04BC = 2)	No need: did not receive counselling and did not need councelling	
1	(PNC_01C = 2 and PNC_04A = 2) or (PNC_01C = 2 and PNC_04A = 1 and PNC_04BC = 2)	No need: did not receive counselling and did not need councelling	
2	(PNC_01C = 1 and PNC_02A = 1) or (PNC_01C = 1 and PNC_02A = 2 and PNC_02BC = 2)	Need met: received counselling and counselling was sufficient	
2	(PNC_01C = 1 and PNC_02A = 1) or (PNC_01C = 1 and PNC_02A = 2 and PNC_02BC = 2)	Need met: received counselling and counselling was sufficient	
3	PNC_01C = 1 and PNC_02A = 2 and PNC_02BC = 1	Need partially met: received counselling but counselling was not sufficient	
3	PNC_01C = 1 and PNC_02A = 2 and PNC_02BC = 1	Need partially met: received counselling but counselling was not sufficient	
4	PNC_01C = 2 and PNC_04A = 1 and PNC_04BC = 1	Need not met: did not receive counselling and needed counselling.	
4	PNC_01C = 2 and PNC_04A = 1 and PNC_04BC = 1	Need not met: did not receive counselling and needed counselling.	
9	PNC_01C = (7, 8, 9) or PNC_02A = (7, 8, 9) or PNC_02BC = (7, 8, 9) or PNC_04A = (7, 8, 9) or PNC_04BC = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
9	PNC_01C = (7, 8, 9) or PNC_02A = (7, 8, 9) or PNC_02BC = (7, 8, 9) or PNC_04A = (7, 8, 9) or PNC_04BC = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS

6) Perceived need for other help in past 12 months for problems with emotions, mental health or use of alcohol and drugs

Variable name: PNCDVPNO

Based on: ADM_PRX, PNC_01D, PNC_02A, PNC_02BD

Description: This variable indicates whether perceived need for other help was reported for problems with emotions, mental health or use of alcohol and drugs or not and if need was: met, partially met or not met. The reference period is the past 12 months.

Note: This derived variable has been updated from PNCDPNO in the CCHS - Mental Health (2012).

Specifications			
Value	Condition(s)	Description	Notes
6	DOPNC = 2	Module not selected	
6	DOPNC = 2	Module not selected	
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	ADM_PRX = 1	Module not asked - proxy interview	NS
1	PNC_01D = 2	Did not receive other help	
1	PNC_01D = 2	Did not receive other help	
2	(PNC_01D = 1 and PNC_02A = 1) or (PNC_01D = 1 and PNC_02A = 2 and PNC_02BD = 2)	Need met: received other help and this other help was sufficient	
2	(PNC_01D = 1 and PNC_02A = 1) or (PNC_01D = 1 and PNC_02A = 2 and PNC_02BD = 2)	Need met: received other help and this other help was sufficient	
3	PNC_01D = 1 and PNC_02A = 2 and PNC_02BD = 1	Need partially met: received other help but this other help was not sufficient	
3	PNC_01D = 1 and PNC_02A = 2 and PNC_02BD = 1	Need partially met: received other help but this other help was not sufficient	
9	PNC_01D = (7, 8, 9) or PNC_02A = (7, 8, 9) or PNC_02BD = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
9	PNC_01D = (7, 8, 9) or PNC_02A = (7, 8, 9) or PNC_02BD = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS

7) Overall perceived need in past 12 months

Variable name: PNCDVNED

Based on: ADM_PRX, PNCDVPNI, PNCDVPNM, PNCDVPNC, PNCDVPNO

Description: This variable is a summary classification of the respondent's perceived need for mental health care in the past 12 months. Respondents are grouped into one of four categories based on whether a need was reported (information, medication, counselling, other), and if so, whether their needs were met, partially met, or unmet.

Note: This derived variable has been updated from PNCNEED in the CCHS - Mental Health (2012).
The classification is based on Meadows, Burgess et.al. 2000. "Perceived need for mental health care, findings from the Australian National Survey of Mental Health and Well-being." Psychological Medicine. Vol.30; 645-656.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOPNC = 2	Module not selected	NA
6	DOPNC = 2	Module not selected	NA
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	ADM_PRX = 1	Module not asked - proxy interview	NS
9	PNCDVPNI = 9 or PNCDVPNM = 9 or PNCDVPNC = 9 or PNCDVPNO = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
9	PNCDVPNI = 9 or PNCDVPNM = 9 or PNCDVPNC = 9 or PNCDVPNO = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
1	PNCDVPNI = 1 and PNCDVPNM = 1 and PNCDVPNC = 1 and PNCDVPNO = 1	No perceived need for mental health care: did not receive any form of care, and did not perceive a need for care.	
1	PNCDVPNI = 1 and PNCDVPNM = 1 and PNCDVPNC = 1 and PNCDVPNO = 1	No perceived need for mental health care: did not receive any form of care, and did not perceive a need for care.	
2	PNCDVPNI = (1, 2) and PNCDVPNM = (1, 2) and PNCDVPNC = (1, 2) and PNCDVPNO = (1, 2)	All perceived needs met: received at least one form of care, received enough care.	
2	PNCDVPNI = (1, 2) and PNCDVPNM = (1, 2) and PNCDVPNC = (1, 2) and PNCDVPNO = (1, 2)	All perceived needs met: received at least one form of care, received enough care.	
3	PNCDVPNI = 3 or PNCDVPNM = 3 or PNCDVPNC = 3 or PNCDVPNO = 3 or ((PNCDVPNI = 2 or PNCDVPNM = 2 or PNCDVPNC = 2 or PNCDVPNO = 2) and (PNCDVPNI = 4 or PNCDVPNM = 4 or PNCDVPNC = 4))	Perceived needs partially met: a) received care but not enough care, or b) need met for at least one form of care but need not met for another form of care.	
3	PNCDVPNI = 3 or PNCDVPNM = 3 or PNCDVPNC = 3 or PNCDVPNO = 3 or ((PNCDVPNI = 2 or PNCDVPNM = 2 or PNCDVPNC = 2 or PNCDVPNO = 2) and (PNCDVPNI = 4 or PNCDVPNM = 4 or PNCDVPNC = 4))	Perceived needs partially met: a) received care but not enough care, or b) need met for at least one form of care but need not met for another form of care.	

| 4 | PNCDVPNI = 4 or PNCDVPNM = 4 or PNCDVPNC = 4 | Perceived needs not met: did not receive care that was needed. No perceived needs partially met or met. |
| 4 | PNCDVPNI = 4 or PNCDVPNM = 4 or PNCDVPNC = 4 | Perceived needs not met: did not receive care that was needed. No perceived needs partially met or met. |

Patient satisfaction - community-based care (3 DVs)

1) Community based care: quality rating - Grouped

Variable name:	PSCG010
Based on:	PSC_010
Description:	Quality of the community-based care the respondent received.
Note:	This is a regrouping of PSC_010.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	PSC_010=6	At least one required question was not answered (don't know, refusal, not stated)	NS
9	PSC_010= (7,9)	Population exclusions	NA
1	PSC_010= 1	Excellent	
2	PSC_010= 2	Good	
3	PSC_010= (3,4)	Fair or poor	

2) Community-based care - level of satisfaction - Grouped

Variable name:	PSCG015
Based on:	PSC_015
Description:	This variable groups the level of satisfaction in the way community-based care was provided.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	PSC_015 = 6	At least one required question was not answered (don't know, refusal, not stated)	NS
9	PSC_015 = (7,9)	Module not selected or population exclusions	NA
1	PSC_015 = (0, 1, 2)	Very Dissatisfied/Dissatisfied/Somewhat dissatisfied	
2	PSC_015 = 3	Somewhat satisfied	
3	PSC_015 = 4	Satisfied	
4	PSC_015 = 5	Very satisfied	

3) Services from a community walk-in clinic - quality rating - Grouped

Variable name:	PSCG070
Based on:	PSC_070
Description:	This variable groups the quality rating.

Specifications

Value	Condition(s)	Description	Notes
6	PSC_070 = 6	At least one required question was not answered (don't know, refusal, not stated)	NS
9	PSC_070 = 9	Module not selected or population exclusions	NA
1	PSC_070 = 1	Excellent	
2	PSC_070 = 2	Good	
3	PSC_070 = (3, 4)	Fair/ Poor	

Socio-demographic characteristics (3 DVs)

1) Country of birth - Canada/other - Grouped

Variable name: SDCDGCB

Based on: SDCCCOB

Description: This variable classifies the respondent based on his/her country of birth in specific groups.

Note: The country code is based on the Standard Classification of Countries and Areas of Interest (SCCAI) of 2010. The SCCAI is Statistics Canada's official classification of countries and areas of interest for use in classifying statistical data.

Internet site: http://www.statcan.gc.ca/eng/subjects/standard/sccai/2010/sccai

Specifications			
Value	Condition(s)	Description	Notes
2	SDCCCOB = 80000	Population exclusions - Born at sea, recoded as 'Not born in Canada'	NA
9	SDCCCOB = (7, 8, 9, 90000)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	SDCCCOB = 11124	Canada	
2	10000 <= SDCCCOB < 62000	Other	

2) Immigrant flag

Variable name: SDCDVIMM

Based on: SDCCCOB, SDC_IM3

Description: This variable indicates if the respondent is an immigrant or not. The immigrant category includes landed immigrant and non-permanent resident. Respondents who declared being born in Canada are considered non-immigrant.

Specifications			
Value	Condition(s)	Description	Notes
9	SDCCCOB = (7, 8, 9) or SDC_IM3 = (7, 8, 9)	Required questions were not answered (don't know, refusal, not stated)	NS
1	SDC_IM3 = (1, 2)	The respondent is a landed immigrant or a non-permanent resident	
2	SDCCCOB = 11124	The respondent is a non-immigrant (Canadian born)	

3) Visible minority flag

Variable name: SDCDVFLA

Based on: SDCDVVM

Description: This variable indicates if the respondent is a visible minority by grouping all of the visible minority groups defined in SDCDVVM (including multiple visible minorities).

Specifications

Value	Condition(s)	Description	Notes
9	SDCDVVM = 9	At least one required question was not answered (don't know, refusal, not stated)	NS
1	SDCDVVM < 13	Visible minority	
2	SDCDVVM = 13	Not a visible minority	

Severity of Dependence Scale for cannabis (1 DV)

1) Severity of Dependence Scale for cannabis - total score

Variable name: SDSDVTOT

Based on: ADM_PRX, CAN_015, SDS_005, SDS_010, SDS_015, SDS_020, SDS_025

Description: This variable indicates the severity of a respondent's cannabis dependence using the 5 items of the Severity of Dependence Scale. A higher score indicates more severe dependence to cannabis.

Note: This variable excludes respondents who have not use cannabis in the past 12 months.

Temporary Reformat			
Value	**Condition(s)**	**Description**	**Notes**
SDST005			
(SDS_005 -1)	SDS_005 <= 4	Rescale the question answers from (1 to 4) to (0 to 3)	
SDST010			
(SDS_010 -1)	SDS_010 <= 4	Rescale the question answers from (1 to 4) to (0 to 3)	
SDST015			
(SDS_015 -1)	SDS_015 <= 4	Rescale the question answers from (1 to 4) to (0 to 3)	
SDST020			
(SDS_020 -1)	SDS_020 <= 4	Rescale the question answers from (1 to 4) to (0 to 3)	
SDST025			
(SDS_025 -1)	SDS_025 <= 4	Rescale the question answers from (1 to 4) to (0 to 3)	

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
96	DOSDS = 2	Module not selected	NA
96	CAN_015 = 2	Population exclusions - did not use cannabis in the past 12 months	NA
99	ADM_PRX = 1	Module not asked - proxy interview	NS
99	(SDS_005 = 7, 8, 9) or (SDS_010 = 7, 8, 9) or (SDS_015 = 7, 8, 9) or (SDS_020 = 7, 8, 9) or (SDS_025 = 7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
SDST005+ SDST010+ SDST015+ SDST020+ SDST025	0 <= SDST005 <= 3 0 <= SDST010 <= 3 0 <= SDST015 <= 3 0 <= SDST020 <= 3 0 <= SDST025 <= 3	Score obtained on the Severity of Dependence Scale for cannabis	(min: 0; max: 15)

Smoking (6 DVs)

1) Age - smoked first whole cigarette - Grouped

Variable name: SMKG035

Based on: SMK_035

Description: This variable groups the age at which the respondent smoked their first whole cigarette.

Value	Condition(s)	Description	Notes
		Specifications	
96	SMK_035 = 996	Module not selected or population exclusion	NA
99	SMK_035 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
1	5 =< SMK_035 =< 11	Respondent smoked their first whole cigarette between ages 5 and 11.	
2	12 =< SMK_035 =< 14	Respondent smoked their first whole cigarette between ages 12 and 14.	
3	15 =< SMK_035 =< 17	Respondent smoked their first whole cigarette between ages 15 and 17.	
4	18 =< SMK_035 =< 19	Respondent smoked their first whole cigarette between ages 18 and 19.	
5	20 =< SMK_035 =< 24	Respondent smoked their first whole cigarette between ages 20 and 24.	
6	25 =< SMK_035 =< 29	Respondent smoked their first whole cigarette between ages 25 and 29.	
7	30 =< SMK_035 =< 34	Respondent smoked their first whole cigarette between ages 30 and 34.	
8	35 =< SMK_035 =< 39	Respondent smoked their first whole cigarette between ages 35 and 39.	
9	40 =< SMK_035 =< 44	Respondent smoked their first whole cigarette between ages 40 and 44.	
10	45 =< SMK_035 =< 49	Respondent smoked their first whole cigarette between ages 45 and 49.	
11	50 =< SMK_035	Respondent smoked their first whole cigarette at age 50 or older.	

2) Stopped smoking daily - num of years (former daily smoker) - Grouped

Variable name: SMKG090

Based on: SMK_090

Description: This variable groups the number of years since the respondent stopped smoking daily.

Value	Condition(s)	Description	Notes
		Specifications	
6	SMK_090 = 996	Module not selected or population exclusions	NA

9	SMK_090 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
1	3 <= SMK_090 <= 5	Respondent stopped smoking daily between 3 and 5 years ago.	
2	6 <= SMK_090 <= 10	Respondent stopped smoking daily between 6 and 10 years ago.	
3	SMK_090 >= 11	Respondent stopped smoking daily 11 or more years ago.	

3) Quit smoking completely - num of years (former daily smoker) - Grouped

Variable name: SMKG110

Based on: SMK_110

Description: This variable groups the number of years since the respondent stopped smoking completely (former daily smoker).

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	SMK_110 = 996	Module not selected or population exclusion	NA
9	SMK_110 = (997, 998, 999)	Question was not answered (don't know, refusal, not stated)	NS
1	3 <= SMK_110 <= 5	Respondent stopped smoking between 3 and 5 years ago.	
2	6 <= SMK_110 <= 10	Respondent stopped smoking between 6 and 10 years ago.	
3	SMK_110 >= 11	Respondent stopped smoking 11 or more years ago.	

4) Smoking status (type 2) - traditional definition

Variable name: SMKDVSTY

Based on: SMK_005, SMK_020, SMK_025, SMK_030

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			
Value	**Condition(s)**	**Description**	**Notes**
99	SMK_005 = (7, 8, 9) or SMK_020 = (7, 8, 9) or SMK_025 = (7, 8, 9) or SMK_030 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	SMK_005 = 1	Current daily smoker	
2	SMK_005 = 2	Current occasional smoker	
3	SMK_005 = 3 and SMK_020 = 1 and SMK_030 = 1	Former daily smoker (non-smoker now)	

4	SMK_005 = 3 and SMK_020 = 1 and SMK_030 = 2	Former occasional smoker (non-smoker now)
5	SMK_005 = 3 and SMK_020 = 2 and SMK_025 = 1	Experimental smoker (at least 1 whole cigarette, non-smoker now)
6	SMK_005 = 3 and SMK_020 = 2 and SMK_025 = 2	Lifetime abstainer (never smoked a whole cigarette)

5) Number of years smoked daily (current daily smokers only) - Grouped

Variable name: SMKDGYCS

Based on: SMK_005, SMK_040, 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. This variable assumes that the respondent always smoked daily. It does not reflect the changes to the smoking status of the respondent throughout the years.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	SMK_005 = (2, 3)	Module not selected or population exclusions	NA
9	(SMK_005 = 7, 8, 9) or (SMK_040 = 7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	SMK_005 = 1 and (DHH_AGE - SMK_040) <= 2	Respondent has smoked daily for 2 years or less	
2	SMK_005 = 1 and 3 < = (DHH_AGE - SMK_040) <= 5	Respondent has smoked daily for 3 to 5 years	
3	SMK_005 = 1 and 6 < = (DHH_AGE - SMK_040) <= 10	Respondent has smoked daily for 6 to 10 years	
4	SMK_005 = 1 and (DHH_AGE - SMK_040) >= 11	Respondent has smoked daily for 11 years or more	

6) Number of Years Since Stopping Smoking Completely - Grouped

Variable name: SMKDGSTP

Based on: SMKDVSTY, SMK_060, SMK_070, SMK_080, SMK_090, SMK_095, SMK_100, SMK_110

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

Note: Current smokers and respondents who have smoked less than 100 cigarettes in their lifetime were excluded from the population.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	SMKDVSTY = (1,2,5,6) or (SMK_005 = 3 and SMK_020 = 2 and SMK_025 = 1)	Module not selected or population exclusions	NA

9	SMKDVSTY = 9 or SMK_060 = (7, 8, 9) or SMK_070 = (7, 8, 9) or SMK_080 = (7, 8, 9) or SMK_090 = (7, 8, 9) or SMK_095 = (7, 8, 9) or SMK_100 = (7, 8, 9) or SMK_110 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
0	SMKDVSTP = 0	Less than 1 year	
1	SMKDVSTP = (1, 2)	1 to 2 years	
2	SMKDVSTP = (3, 4, 5)	3 to 5 years	
3	6= <SMKDVSTP >=10	6 to 10 years	
4	SMKDVSTP>=11	11 or more years	

Tobacco products alternatives (1 DV)

1) Alternative tobacco product usage

Variable name: TALDVUSE

Based on: TAL_005, TAL_015, TAL_020, TAL_025, TAL_030, TAL_035

Description: This variable determines whether a respondent has used any of six tobacco products other than cigarettes.

Note: Other tobacco products include little cigars or cigarillos, other cigars, electronic cigarettes, pipes, chewing tobacco or pinch or snuff, and tobacco water-pipes.

Specifications			
Value	**Condition(s)**	**Description**	**Notes**
6	DOTAL = 2	Module not selected	NA
9	TAL_005 = (7, 8, 9) or TAL_015 = (7, 8, 9) or TAL_020 = (7, 8, 9) or TAL_025 = (7, 8, 9) or TAL_030 = (7, 8, 9) or TAL_035 = (7, 8, 9)	At least one required question was not answered (don't know, refusal, not stated)	NS
1	TAL_005 = 1 or TAL_015 = 1 or TAL_020 = 1 or TAL_025 = 1 or TAL_030 = 1 or TAL_035 = 1	Has used an alternative tobacco product	
2	TAL_005 = 2 and TAL_015 = 2 and TAL_020 = 2 and TAL_025 = 2 and TAL_030 = 2 and TAL_035 = 2	Has not used an alternative tobacco product	