

**Canadian Community Health Survey (CCHS)
Cycle 1.2**

Derived Variable (DV) Specifications

Public Use Microdata File

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Geographic Variables (1 DV)

1) Health Region - Grouped

Variable name: GEOBGHR4

Based on: GEOB_HR4

Description: This variable is a 4 digit number that identifies the sub-provincial health areas and groups the Nova Scotia health regions.

Value of GEOBGHR4	Condition(s)	Explanation
1201	GEOB_HR4 = 1201, 1202, 1203, 1204, 1205, 1206	Group Nova Scotia health regions
Value of GEOB_HR4	GEOB_HR4 = GEOBGHR4	Value of GEOB_HR4

Dwelling and Household Record Variables (5 DVs)

1) Number of Persons in Household with Age < 12 – Grouped

Variable name: DHHBGL12

Based on: PERSONID, DHHB_AGE

Description: This variable returns the number of people living within a household whose age is less than 12 years old.

Value of DHHBGL12	Condition(s)	Explanation
0	DHHBDL12 = 0	No persons under 12 in the household
1	DHHBDL12 >= 1	One or more persons under 12 in the household

2) Number of Persons in Household with Age <= 5 – Grouped

Variable name: DHHBGLE5

Based on: PERSONID, DHHB_AGE

Description: This variable returns the number of people living within a household whose age is less than 6 years old.

Value of DHHBGLE5	Condition(s)	Explanation
0	DHHBDLE5 = 0	Number of persons under 5 in the household
1	DHHBDLE5 => 1	One or more persons under 5 in the household

3) Number of Persons in Household with age 6 to 11 – Grouped

Variable name: DHHBG611

Based on: PERSONID, DHHB_AGE

Description: This variable returns the number of people living within a household whose age is between 6 and 11 years old.

Value of DHHBG611	Condition(s)	Explanation
0	DHHBD611 = 0	No persons aged 6 to 11 in the household
1	DHHBD611 => 1	One or more persons aged 6 to 11 in the household

4) Economic Family Status (Household Type)

Variable name: DHHBDECF

Based on: RE_REL for all PERSONID in SAMPLEID, DHHB_AGE, DHHB_SEX, DHHBDHSZ

Description: This variable that describes the family relationships within the household is collected using a set of relationship codes that define a link between each person in a household. All relationships within each sample (relationship of each person in a household to each other person within that household) are used in the calculation of this variable. The variable was based on the ages and reported relationships of each person to all others in the household. The matrix of relationship codes is not placed on the master file.

Temporary Reformats

Reformat	Explanation
RELATIONSHIP CODESDVECF94 RELATIONSHIP CODES: (*as on the relationship file)	Relationship Codes used.

CODES	CATEGORY	
A0	Husband/Wife	
B0	Common Law Partner	
C0	Same-sex Partner	
D1	Birth Father/Mother	
D2	Step Father/Mother	
D3	Adoptive Father/Mother	
E1	Birth Child	
E2	Step Child	
E3	Adopted Child	
F1	Full Sister/Brother	
F2	Half Sister/Brother	
F3	Step Sister/Brother	
F4	Adopted Sister/Brother	
F5	Foster Sister/Brother	
G0	Foster Parent	
H0	Foster Child	
I0	Grandparent	
J0	Grandchild	
K0	In-Law	
L0	Other Related	
Y1	Single	
Z0	Unrelated	
A=(Parental)	D1, D2, D3	Temporary recodes to collapse relationships.
L=(Other)	F1, F2, F3, F4, F5*, G0*, H0*, I0, J0, K0, L0, Z0	
M=(Child)	E1, E2, E3 (sorted by age)	
X=(Spouse)	A0, B0, C0	
Y=(Single)	Y1	
Z=(not stated)	NS	

* All Foster relationships (foster sister/brother, parent, or child) have been recoded into the Other relationship category due to the temporary nature of the relationships.

Value of DHHBDECF	Condition(s)	Explanation
NS	Any RE_REL = Z	Not stated
1	DHHBDHSZ = 1	Unattached individual Unattached individual living alone. Household size = 1.
2	All RE_REL for all PERSONID in SAMPLEID in (L,Y)	Unattached individual living with others Unattached individuals living together. There cannot be a marital/common-law or parental relationship but other relationships such as siblings are allowed.
3	DHHBDHSZ = 2 and RE_REL for both PERSONID in SAMPLEID = X	Couple alone Married or common-law with no dependent children. No other relationships are permitted. Household size = 2.

4	DHBDHSZ > 2 and at least 2 PERSONID in SAMPLEID must have an RE_REL = X and RE_REL for all PERSONID in SAMPLEID <> A and M	Couple with no dependent children, others Married or common-law with no dependent children. There can be no parent/child relationships. Other relationships are permitted.
5	DHBDHSZ > 2 and at least 2 PERSONID in SAMPLEID must have an RE_REL = X and at least one of which must have an RE_REL = A. All others PERSONID in SAMPLEID must have RE_REL = M and of these at least one is DHBD_AGE < 25	Couple with children < 25 Married or common-law couple with at least one partner being the parent of the dependent child. No other relationships are allowed.
6	At least 2 PERSONID in SAMPLEID must have an RE_REL = X and at least one of which must have an RE_REL = A. At least one other PERSONID in SAMPLEID must have RE_REL = M with the above PERSONID and of these at least one is DHBD_AGE < 25	Couple with children < 25, others At least one partner must be the parent of one child < 25 years old in the household. Other relationships are allowed.
7	DHBDHSZ > 2 and at least 2 PERSONID in SAMPLEID must have an RE_REL = X and at least one of which must have an RE_REL = A. All others PERSONID in SAMPLEID must have RE_REL = M and of these DHBD_AGE >= 25	Couple with all children >= 25 Married or common-law couple with all children >= 25 years old. No other relationships are permitted.
8	DHBDHSZ > 2 and at least 2 PERSONID in SAMPLEID must have an RE_REL = X and at least one of which must have an RE_REL = A. At least one other PERSONID in SAMPLEID must have RE_REL = M with the above PERSONID and of these DHBD_AGE >= 25	Couple with all children >= 25, others Married or common-law couple with all children >= 25 years old. Any other relationships are allowed.
9	DHBDHSZ > 1 and one PERSONID in SAMPLEID must have RE_REL = A and DHBD_SEX = F. All others PERSONID in SAMPLEID must have RE_REL = M and of these at least one DHBD_AGE < 25	Female lone parent with children < 25 One child must be < 25 years old. No other relationships are permitted.

10	DHBDHSZ > 1 and one PERSONID in SAMPLEID must have RE_REL = A and DHHB_SEX = F. At least one other PERSONID in SAMPLEID must have RE_REL = M with the above PERSONID and of these at least one DHHB_AGE < 25.	Female lone parent with children < 25, others One child must be < 25 years old. Other relationships are allowed.
11	DHBDHSZ > 1 and one PERSONID in SAMPLEID must have RE_REL = A and DHHB_SEX = F. All others PERSONID in SAMPLEID must have RE_REL = M and of these DHHB_AGE >= 25	Female lone parent with all children >= 25 All children must be >= 25 years old. No other relationships are permitted.
12	DHBDHSZ > 1 and one PERSONID in SAMPLEID must have RE_REL = A and DHHB_SEX = F. At least one other PERSONID in SAMPLEID must have RE_REL = M with the above PERSONID and of these DHHB_AGE >= 25.	Female lone parent with all children >= 25, others All children must be >= 25 years old. Other relationships are allowed.
13	DHBDHSZ > 1 and one PERSONID in SAMPLEID must have RE_REL = A and DHHB_SEX = M. All others PERSONID in SAMPLEID must have RE_REL = M and of these at least one DHHB_AGE < 25	Male lone parent with children < 25 One child must be < 25 years old. No other relationships are permitted.
14	DHBDHSZ > 1 and one PERSONID in SAMPLEID must have RE_REL = A and DHHB_SEX = M. At least one other PERSONID in SAMPLEID must have RE_REL = M with the above PERSONID and of these at least one DHHB_AGE < 25.	Male lone parent with children < 25, others One child must be < 25 years old. Other relationships are allowed.
15	DHBDHSZ > 1 and one PERSONID in SAMPLEID must have RE_REL = A and DHHB_SEX = M. All others PERSONID in SAMPLEID must have RE_REL = M and of these DHHB_AGE >= 25	Male lone parent with all children >= 25 All children must be >= 25 years old. No other relationships are permitted.

16	DHHBDHSZ > 1 and one PERSONID in SAMPLEID must have RE_REL = A and DHHB_SEX = M. At least one other PERSONID in SAMPLEID must have RE_REL = M with the above PERSONID and of these DHHB_AGE >= 25.	Male lone parent with all children >= 25, others All children must be >= 25 years old. Other relationships are allowed.
17	Else	Other family type All other household types.

5) Living/Family Arrangement of Selected Respondent – Grouped

Variable name: DHHBGLVG

Based on: RE_REL of selected respondent only

Description: This variable that describes the family relationships between the selected respondent and the rest of the household is collected using a set of relationship codes that define a link between each person in a household. All relationships with the selected respondent within each sample (relationship of selected respondent to each other person within the household) are used in the calculation of this variable.

Technical Specs: Some values have been grouped as specified below.

Temporary Reformats

Reformat	Explanation																																														
RELATIONSHIP CODESDVECF94 RELATIONSHIP CODES: (*as on the relationship file) <table> <tr> <th>CODES</th><th>CATEGORY</th></tr> <tr><td>A0</td><td>Husband/Wife</td></tr> <tr><td>B0</td><td>Common Law Partner</td></tr> <tr><td>C0</td><td>Same-sex Partner</td></tr> <tr><td>D1</td><td>Birth Father/Mother</td></tr> <tr><td>D2</td><td>Step Father/Mother</td></tr> <tr><td>D3</td><td>Adoptive Father/Mother</td></tr> <tr><td>E1</td><td>Birth Child</td></tr> <tr><td>E2</td><td>Step Child</td></tr> <tr><td>E3</td><td>Adopted Child</td></tr> <tr><td>F1</td><td>Full Sister/Brother</td></tr> <tr><td>F2</td><td>Half Sister/Brother</td></tr> <tr><td>F3</td><td>Step Sister/Brother</td></tr> <tr><td>F4</td><td>Adopted Sister/Brother</td></tr> <tr><td>F5</td><td>Foster Sister/Brother</td></tr> <tr><td>G0</td><td>Foster Parent</td></tr> <tr><td>H0</td><td>Foster Child</td></tr> <tr><td>I0</td><td>Grandparent</td></tr> <tr><td>J0</td><td>Grandchild</td></tr> <tr><td>K0</td><td>In-Law</td></tr> <tr><td>L0</td><td>Other Related</td></tr> <tr><td>Y1</td><td>Single</td></tr> <tr><td>Z0</td><td>Unrelated</td></tr> </table>	CODES	CATEGORY	A0	Husband/Wife	B0	Common Law Partner	C0	Same-sex Partner	D1	Birth Father/Mother	D2	Step Father/Mother	D3	Adoptive Father/Mother	E1	Birth Child	E2	Step Child	E3	Adopted Child	F1	Full Sister/Brother	F2	Half Sister/Brother	F3	Step Sister/Brother	F4	Adopted Sister/Brother	F5	Foster Sister/Brother	G0	Foster Parent	H0	Foster Child	I0	Grandparent	J0	Grandchild	K0	In-Law	L0	Other Related	Y1	Single	Z0	Unrelated	Relationship Codes used
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Z1=(Not stated)	NS																																														

* All Foster relationships (foster sister/brother, parent, or child) have been recoded into the Non relative relationship category due to the temporary nature of the relationships.

Value of DHHBGLVG	Condition(s)	Explanation
1	DHHBDHSZ = 1	Unattached individual living alone Selected respondent lives alone. Household size = 1.
2	All RE_REL <> X1 and A1	Unattached individual living with others Selected respondent lives with others. He/she cannot have a marital/common-law or parental relationship but other relationships such as siblings are allowed.
3	DHHBDHSZ = 2 and RE_REL = X1	Spouse/partner living with spouse/partner Selected respondent lives with spouse/partner only. Household size = 2.
4	DHHBDHSZ > 2 and one RE_REL = X1 and all other RE_REL = A1	Parent living with spouse/partner and children Selected respondent lives with spouse/partner and child(ren).
5	All RE_REL = A1	Single parent living with children Selected respondent lives with child(ren). No other relationships are permitted.
6	(DHHBDHSZ = 2 and RE_REL = B1) or (DHHBDHSZ > 2 and One RE_REL = B1 and all other RE_REL = C1)	Selected respondent is a child living with a single parent with or without siblings
7	(DHHBDHSZ = 3 and RE_REL = B1) or (DHHBDHSZ > 3 and Two RE_REL = B1 and all other RE_REL = C1)	Selected respondent is a child living with two parents with or without siblings.
8	Else	Other Selected respondent lives in a household composition not classified above.
NS	RE_REL = Z1	Not Stated

Education Variables (4 DVs)

1) Highest Level of Education – Respondent, 10 Levels

Variable name: EDUBDR10

Based on: EDUB_1, EDUB_2, EDUB_3, EDUB_4

Description: This variable describes the highest level of education acquired by the respondent.

Value of EDUBDR10	Condition(s)	Explanation
1	EDUB_1 = 1 and EDUB_3 = 2	Grade 8 or lower (Québec: Secondary II or lower)
2	EDUB_1 = 2 and EDUB_3 = 2	Grade 9-10 (QC: Secondary III or IV; NF: 1st year of secondary)
3	EDUB_1 = 3 and EDUB_2 = 2 and EDUB_3 = 2	Grade 11-13 (QC: Secondary V; NF: 2nd to 4th year of secondary)
4	EDUB_2 = 1 and EDUB_3 = 2	Secondary school graduate, no post-secondary education
5	EDUB_4 = 1	Some post secondary education
6	EDUB_4 = 2	Trade certificate or diploma from a vocational school or apprenticeship training
7	EDUB_4 = 3	Non-university certificate or diploma from a community college, CEGEP, school of nursing, etc.
8	EDUB_4 = 4	University certificate below bachelor's level
9	EDUB_4 = 5	Bachelor's degree
10	EDUB_4 = 6	University degree or certificate above bachelor's degree
NS	[(EDUB_1 = DK, R, NS) and EDUB_2 = 2] or (EDUB_2 = DK, R, NS) or (EDUB_3 = DK, R, NS) or (EDUB_4 = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) at least one question required for calculation.

2) Highest Level of Education – Respondent, 4 Levels

Variable name: EDUBDR04

Based on: EDUB_1, EDUB_2, EDUB_3, EDUB_4

Description: This variable describes the highest level of education acquired by the respondent.

Value of EDUBDR04	Condition(s)	Explanation
1	[(EDUB_1 = 1, 2) or EDUB_2 = 2] and EDUB_3 = 2	Less than secondary school graduation
2	EDUB_2 = 1 and EDUB_3 = 2	Secondary school graduation, no post-secondary education
3	EDUB_4 = 1	Some post-secondary education
4	2 <= EDUB_4 <= 6	Post-secondary degree/diploma
NS	(EDUB_2 = DK, R, NS) or (EDUB_3 = DK, R, NS) or (EDUB_4 = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) at least one question required for calculation.

3) Highest Level of Education – Household, 10 Levels

Variable name: EDUBDH10

Based on: EDUBDR10 for each member of the household

Description: This variable describes the highest level of education acquired by any member of the household.

Technical Specs: Temporarily create EDUBDR10 for each member of the household (all PERSONID within SAMPLEID). Compare these values of EDUBDR10 within the household and return the highest value. If any PERSONID has EDUBDR10 of NS (not specified) then return NS. If all of EDUBDR10 are NA (not applicable) then return NA.

Value of EDUBDH10	Condition(s)	Explanation
1	EDUB_1 = 1 and EDUB_3 = 2	Grade 8 or lower (Québec: Secondary II or lower)
2	EDUB_1 = 2 and EDUB_3 = 2	Grade 9-10 (QC: Secondary III or IV; NF: 1st year of secondary)
3	EDUB_1 = 3 and EDUB_2 = 2 and EDUB_3 = 2	Grade 11-13 (QC: Secondary V; NF: 2nd to 4th year of secondary)
4	EDUB_2 = 1 and EDUB_3 = 2	Secondary school graduate, no post-secondary education
5	EDUB_4 = 1	Some post secondary education
6	EDUB_4 = 2	Trade certificate or diploma from a vocational school or apprenticeship training
7	EDUB_4 = 3	Non-university certificate or diploma from a community college, CEGEP, school of nursing, etc.
8	EDUB_4 = 4	University certificate below bachelor's level
9	EDUB_4 = 5	Bachelor's degree
10	EDUB_4 = 6	University degree or certificate above bachelor's degree
NS	[(EDUB_1 = DK, R, NS) and EDUB_2 = 2] or (EDUB_2 = DK, R, NS) or (EDUB_3 = DK, R, NS) or (EDUB_4 = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) at least one question required for calculation.

4) Highest Level of Education – Household, 4 Levels

Variable name: EDUBDH04

Based on: EDUBDR04 for each member of the household

Description: This variable describes the highest level of education acquired by any member of the household.

Technical Specs: Temporarily create EDUBDR04 for each member of the household (all PERSONID within SAMPLEID). Compare these values of EDUBDR04 within the household and return the highest value. If any PERSONID has EDUBDR04 of NS (not specified) then return NS. If all of EDUBDR04 are NA (not applicable) then return NA.

Value of EDUBDH04	Condition(s)	Explanation
1	[(EDUB_1 = 1, 2) or EDUB_2 = 2] and EDUB_3 = 2	Less than secondary school graduation
2	EDUB_2 = 1 and EDUB_3 = 2	Secondary school graduation, no post-secondary education
3	EDUB_4 = 1	Some post-secondary education
4	2 <= EDUB_4 <= 6	Post-secondary degree/diploma
NS	(EDUB_2 = DK, R, NS) or (EDUB_3 = DK, R, NS) or (EDUB_4 = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) at least one question required for calculation.

General Health (1 DV)

1) Self-rated health (formerly Health Description Index)

Variable name: GENBDHDI

Based on: GENB_01

Description: This variable describes the respondent's health status based on his or her own judgement. Higher scores indicate positive self-reported health status.

Value of GENBDHDI	Condition(s)	Explanation
NS	GENB_01 > 6	Unknown
0	GENB_01 = 5	Poor
1	GENB_01 = 4	Fair
2	GENB_01 = 3	Good
3	GENB_01 = 2	Very good
4	GENB_01 = 1	Excellent

Disorder Screening (9 DVs)

The survey assesses five mental disorders: Major Depressive Episode, Manic Episode, Social Phobia, Panic Disorder and Agoraphobia. To reduce respondent burden, the disorder modules are preceded by a screening section with screener questions associated with each disorder. Negative responses to the screening questions were used to exclude respondents from being asked the full roster of questions associated with that disorder. These respondents who are excluded from the disorder module based on their answers to the screening questions are subsequently categorized as failing to meet the criteria for that disorder. The variables created here are flags that indicate whether a respondent was screened into each mental health disorder module. In addition to the screener questions, there are several questions that assess the respondent's overall health and satisfaction with life.

1) Life Satisfaction

Variable name: SCRBDSAT

Based on: SCRB_01

Description: This variable describes the respondent's satisfaction with life in general. Higher scores indicate more satisfaction.

Value of SCRBDSAT	Condition(s)	Explanation
1	SCRB_01 = 5	Very dissatisfied
2	SCRB_01 = 4	Dissatisfied
3	SCRB_01 = 3	Neither satisfied nor dissatisfied
4	SCRB_01 = 2	Satisfied
5	SCRB_01 = 1	Very satisfied
NS	(SCRB_01 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2) Self-rated physical health

Variable name: SCRBDPHY

Based on: SCRB_081

Description: This variable describes the respondent's self-rated physical health. Higher scores indicate better health.

Value of SCRBDPHY	Condition(s)	Explanation
0	SCRB_081 = 5	Poor
1	SCRB_081 = 4	Fair
2	SCRB_081 = 3	Good
3	SCRB_081 = 2	Very Good
4	SCRB_081 = 1	Excellent
NS	(SCRB_081 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

3) Self-rated mental health

Variable name: SCRBDMEN

Based on: SCRB_082

Description: This variable describes the respondent's self-rated mental health. Higher scores indicate better health.

Value of SCRBDMEN	Condition(s)	Explanation
0	SCRB_082 = 5	Poor
1	SCRB_082 = 4	Fair
2	SCRB_082 = 3	Good
3	SCRB_082 = 2	Very Good

4	SCRB_082 = 1	Excellent
NS	(SCRB_082 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

4) Screener - Depression

Variable name: SCRBFDEP

Based on: SCRB_21, SCRB_22, SCRB_23

Description: This variable classifies the respondent based on whether he/she was screened into the depression module or not.

Note: This variable should not be used as a proxy measure for the specific disorder.

Value of SCRBFDEP	Condition(s)	Explanation
1	SCRB_21 = 1 or SCRB_22 = 1 or SCRB_23 = 1	Respondent screened into the depression module.
2	SCRB_21 = 2 and SCRB_22 = 2 and SCRB_23 = 2	Respondent was not screened into the depression module.
NS	(SCRB_21 = DK, R, NS) or (SCRB_22 = DK, R, NS) or (SCRB_23 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

5) Screener - Mania

Variable name: SCRBFMIA

Based on: SCRB_24, SCRB_25, SCRB_25A

Description: This variable classifies the respondent based on whether he/she was screened into the mania module or not.

Note: This variable should not be used as a proxy measure for the specific disorder.

Value of SCRBFMIA	Condition(s)	Explanation
1	SCRB_24 = 1 or SCRB_25A = 1	Respondent screened into the mania module.
2	(SCRB_24 = 2 and SCRB_25 = 2) or (SCRB_24 = 2 and SCRB_25A = 2)	Respondent was not screened into the mania module.
NS	(SCRB_24 = DK, R, NS) or (SCRB_25 = DK, R, NS) or (SCRB_25A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

6) Screener – Panic Disorder

Variable name: SCRBFPAD

Based on: SCRB_20, SCRB_20A

Description: This variable classifies the respondent based on whether he/she was screened into the panic disorder module or not.

Note: This variable should not be used as a proxy measure for the specific disorder.

Value of SCRBFPAD	Condition(s)	Explanation
1	SCRB_20 = 1 or SCRB_20A = 1	Respondent screened into the panic disorder module.
2	SCRB_20 = 2 and SCRB_20A = 2	Respondent was not screened into the panic disorder module.

NS	(SCRB_20 = DK, R, NS) or (SCRB_20A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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7) Screener – Social Phobia

Variable name: SCRBFSOP

Based on: SCRB_29A, SCRB_291, SCRB_292, SCRB_293

Description: This variable classifies the respondent based on whether he/she was screened into the social phobia module or not.

Note: This variable should not be used as a proxy measure for the specific disorder.

Value of SCRBFSOP	Condition(s)	Explanation
1	SCRB_291 = 1 and (SCRB_292 = 1 or SCRB_293 = 1)	Respondent screened into the social phobia module.
2	SCRB_29A = 2 or SCRB_291 = 2 or (SCRB_292 = 2 and SCRB_293 = 2)	Respondent was not screened into the social phobia module.
NS	(SCRB_29A = DK, R, NS) or (SCRB_291 = DK, R, NS) or (SCRB_292 = DK, R, NS) or (SCRB_293 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8) Screener – Agoraphobia

Variable name: SCRBFAGP

Based on: SCRB_30

Description: This variable classifies the respondent based on whether he/she was screened into the agoraphobia module or not.

Note: This variable should not be used as a proxy measure for the specific disorder.

Value of SCRBFAGP	Condition(s)	Explanation
1	SCRB_30 = 1	Respondent screened into the agoraphobia module.
2	SCRB_30 = 2	Respondent was not screened into the agoraphobia module.
NS	(SCRB_30 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

9) Screener – Generalized Anxiety Disorder (GAD)

Variable name: SCRBFAGAD

Based on: SCRB_26, SCRB_26A, SCRB_26B

Description: This variable classifies the respondent based on whether he/she was screened into the generalized anxiety disorder module or not. Note that this survey does not support the Generalized Anxiety Disorder module.

Note: This variable should not be used as a proxy measure for the specific disorder.

Value of SCRBFAGAD	Condition(s)	Explanation
1	SCRB_26 = 1 or SCRB_26A = 1 or SCRB_26B = 1	Respondent screened into the GAD module.
2	SCRB_26 = 2 and SCRB_26A = 2 and SCRB_26B = 2	Respondent was not screened into the GAD module.

NS	(SCRB_26 = DK, R, NS) or (SCRB_26A = DK, R, NS) or (SCRB_26B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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Chronic Conditions (3 DVs)

1) Has Other Psychosis – Grouped

Variable name: CCCBG281

Based on: CCCB_271, CCCB_281

Description: This variable represents whether or not the respondent had schizophrenia or other psychosis which were diagnosed by a health professional.

Value of CCCBG281	Condition(s)	Explanation
1	(CCCB_271 = 1) or (CCCB_281 = 1)	Respondent answered "Yes" to one or both of schizophrenia or other psychosis.
2	(CCCB_271 = 2) and (CCCB_281 = 2)	The respondent does not have schizophrenia or other psychosis.
NS	(CCCB_271 = DK, R, NS) and (CCCB_281 = DK, R, NS)	Respondent refused, did not know, did not state or question was not applicable in each of the conditions in the calculation

2) Has other long-term physical or mental health condition – Grouped

Variable name: CCCBG901

Based on: CCCB_181, CCCB_301, CCCB_321, CCCB_341, CCCB_901

Description: This variable represents whether or not the respondent had any other long-term physical or mental health condition that has been diagnosed by a health professional.

Value of CCCBG901	Condition(s)	Explanation
1	(CCCB_181 = 1) or (CCCB_301 = 1) or (CCCB_321 = 1) or (CCCB_341 = 1) or (CCCB_901 = 1)	If respondent answered "Yes" to one or more of Alzheimer's disease or other dementia, dysthymia, autism or any other developmental disorder, eating disorder such as anorexia or bulimia, or other long-term physical or mental health condition.
2	(CCCB_181 = 2, NA) and (CCCB_301 = 2) and (CCCB_321 = 2) and (CCCB_341 = 2) and (CCCB_901 = 2)	Respondent answered "No" to Alzheimer's disease or other dementia, dysthymia, autism or any other developmental disorder, eating disorder such as anorexia or bulimia, and other long-term physical or mental health condition.
NS	(CCCB_181 = DK, R, NS) and (CCCB_301 = DK, R, NS) and (CCCB_321 = DK, R, NS) and (CCCB_341 = DK, R, NS) and (CCCB_901 = DK, R, NS)	Respondent refused, did not know, did not state or question was not applicable in each of the conditions in the calculation

3) Has a Chronic Condition

Variable name: CCCBF1

Based on: CCCB_011, CCCB_021, CCCB_031, CCCB_041, CCCB_051, CCCB_061, CCCB_071, CCCB_081, CCCB_91A, CCCB_91B, CCCB_101, CCCB_111, CCCB_121, CCCB_131, CCCB_141, CCCB_151, CCCB_171, CCCB_181, CCCB_191, CCCB_201, CCCB_211, CCCB_251, CCCB_261, CCCB_271, CCCB_281, CCCB_301, CCCB_311, CCCB_321, CCCB_331, CCCB_341, CCCB_901

Description: This variable represents whether or not the respondent had any chronic health conditions which were diagnosed by a health professional.

Technical Specs: Whether the respondent has any condition is based upon a "yes" to any condition.

Value of CCCBF1	Condition(s)	Explanation
2	CCCB_011 = 2 and CCCB_021 = 2 and CCCB_031 = 2 and CCCB_041 = 2 and CCCB_051 = 2 and CCCB_061 = 2 and CCCB_071 = 2 and CCCB_081 = 2 and CCCB_91A = 2 and (CCCB_91B = 2, NA) and CCCB_101 = 2 and CCCB_111 = 2 and CCCB_121 = 2 and CCCB_131 = 2 and CCCB_141 = 2 and CCCB_151 = 2 and CCCB_171 = 2 and (CCCB_181 = 2, NA) and (CCCB_191 = 2, NA) and (CCCB_201 = 2, NA) and CCCB_211 = 2 and CCCB_251 = 2 and CCCB_261 = 2 and CCCB_271 = 2 and CCCB_281 = 2 and CCCB_301 = 2 and CCCB_311 = 2 and CCCB_321 = 2 and CCCB_331 = 2 and CCCB_341 = 2 and CCCB_901 = 2	Respondent has no chronic conditions.

1	CCCB_011 = 1 or CCCB_021 = 1 or CCCB_031 = 1 or CCCB_041 = 1 or CCCB_051 = 1 or CCCB_061 = 1 or CCCB_071 = 1 or CCCB_081 = 1 or CCCB_91A = 1 or CCCB_91B = 1 or CCCB_101 = 1 or CCCB_111 = 1 or CCCB_121 = 1 or CCCB_131 = 1 or CCCB_141 = 1 or CCCB_151 = 1 or CCCB_171 = 1 or CCCB_181 = 1 or CCCB_191 = 1 or CCCB_201 = 1 or CCCB_211 = 1 or CCCB_251 = 1 or CCCB_261 = 1 or CCCB_271 = 1 or CCCB_281 = 1 or CCCB_301 = 1 or CCCB_311 = 1 or CCCB_321 = 1 or CCCB_331 = 1 or CCCB_341 = 1 or CCCB_901 = 1	Respondent has at least one chronic condition.
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NS	(CCCB_011 = DK, R, NS) or (CCCB_021 = DK, R, NS) or (CCCB_031 = DK, R, NS) or (CCCB_041 = DK, R, NS) or (CCCB_051 = DK, R, NS) or (CCCB_061 = DK, R, NS) or (CCCB_071 = DK, R, NS) or (CCCB_081 = DK, R, NS) or (CCCB_91A = DK, R, NS) or (CCCB_91B = DK, R, NS) or (CCCB_101 = DK, R, NS) or (CCCB_111 = DK, R, NS) or (CCCB_121 = DK, R, NS) or (CCCB_131 = DK, R, NS) or (CCCB_141 = DK, R, NS) or (CCCB_151 = DK, R, NS) or (CCCB_171 = DK, R, NS) or (CCCB_181 = DK, R, NS) or (CCCB_191 = DK, R, NS) or (CCCB_201 = DK, R, NS) or (CCCB_211 = DK, R, NS) or (CCCB_251 = DK, R, NS) or (CCCB_261 = DK, R, NS) or (CCCB_271 = DK, R, NS) or (CCCB_281 = DK, R, NS) or (CCCB_301 = DK, R, NS) or (CCCB_311 = DK, R, NS) or (CCCB_321 = DK, R, NS) or (CCCB_331 = DK, R, NS) or (CCCB_341 = DK, R, NS) or (CCCB_901 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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Height/Weight (4 DVs)

1) Height (metres) – Grouped

Variable name: HWTB GHT

Based on: HWTB_2, HWTB_2A, HWTB_2B, HWTB_2C, HWTB_2D, HWTB_2E, HWTB_2F

Description: This variable indicates the height of the respondent in metres. For example, an individual who is 5 feet and 8 inches will have a height of 1.727 metres. The 1.727 is the midpoint of the range (1.715-1.739) around the height 5 feet and 8 inches. The range values were calculated as follows for an individual who is 5'8":
LOWER LIMIT: Take the exact value in metres for a person who is 5'7" and average it with the value for 5'8".
UPPER LIMIT: Take the exact value in metres for a person who is 5'9" and average it with the value for 5'8" then subtract 0.001 from it.

Technical Specs: In order to ensure certain individuals were not identifiable, some records have been collapsed as indicated in table below.

Value of HWTB GHT	Condition(s)	Explanation
1	HWTB_2 = 3 and HWTB_2C = 8	1.118 meters (1.105 to 1.129 meters)
2	HWTB_2 = 3 and HWTB_2C = 9	1.143 meters (1.130 to 1.155 meters)
3	HWTB_2 = 3 and HWTB_2C = 10	1.168 meters (1.156 to 1.180 meters)
4	HWTB_2 = 3 and HWTB_2C = 11	1.194 meters (1.181 to 1.206 meters)
5	HWTB_2 = 4 and HWTB_2D = 0	1.219 meters (1.207 to 1.231 meters)
6	HWTB_2 = 4 and HWTB_2D = 1	1.245 meters (1.232 to 1.256 meters)
7	HWTB_2 = 4 and HWTB_2D = 2	1.270 meters (1.257 to 1.282 meters)
8	HWTB_2 = 4 and HWTB_2D = 3	1.295 meters (1.283 to 1.307 meters)
9	HWTB_2 = 4 and HWTB_2D = 4	1.321 meters (1.308 to 1.333 meters)
10	HWTB_2 = 4 and HWTB_2D = 5	1.346 meters (1.334 to 1.358 meters)
11	HWTB_2 = 4 and HWTB_2D = 6	1.372 meters (1.359 to 1.383 meters)
12	HWTB_2 = 4 and HWTB_2D = 7	1.397 meters (1.384 to 1.409 meters)
13	HWTB_2 = 4 and HWTB_2D = 8	1.422 meters (1.410 to 1.434 meters)
14	HWTB_2 = 4 and HWTB_2D = 9	1.448 meters (1.435 to 1.460 meters)
15	HWTB_2 = 4 and HWTB_2D = 10	1.473 meters (1.461 to 1.485 meters)
16	HWTB_2 = 4 and HWTB_2D = 11	1.499 meters (1.486 to 1.510 meters)
17	HWTB_2 = 5 and HWTB_2E = 0	1.524 meters (1.511 to 1.536 meters)
18	HWTB_2 = 5 and HWTB_2E = 1	1.549 meters (1.537 to 1.561 meters)
19	HWTB_2 = 5 and HWTB_2E = 2	1.575 meters (1.562 to 1.587 meters)
20	HWTB_2 = 5 and HWTB_2E = 3	1.600 meters (1.588 to 1.612 meters)

21	HWTB_2 = 5 and HWTB_2E = 4	1.626 meters (1.613 to 1.637 meters)
22	HWTB_2 = 5 and HWTB_2E = 5	1.651 meters (1.638 to 1.663 meters)
23	HWTB_2 = 5 and HWTB_2E = 6	1.676 meters (1.664 to 1.688 meters)
24	HWTB_2 = 5 and HWTB_2E = 7	1.702 meters (1.689 to 1.714 meters)
25	HWTB_2 = 5 and HWTB_2E = 8	1.727 meters (1.715 to 1.739 meters)
26	HWTB_2 = 5 and HWTB_2E = 9	1.753 meters (1.740 to 1.764 meters)
27	HWTB_2 = 5 and HWTB_2E = 10	1.778 meters (1.765 to 1.790 meters)
28	HWTB_2 = 5 and HWTB_2E = 11	1.803 meters (1.791 to 1.815 meters)
29	HWTB_2 = 6 and HWTB_2F = 0	1.829 meters (1.816 to 1.841 meters)
30	HWTB_2 = 6 and HWTB_2F = 1	1.854 meters (1.842 to 1.866 meters)
31	HWTB_2 = 6 and HWTB_2F = 2	1.880 meters or taller
NS	(HWTB_2 = DK, R, NS) or (HWTB_2A = DK, R, NS) or (HWTB_2B = DK, R, NS) or (HWTB_2C = DK, R, NS) or (HWTB_2D = DK, R, NS) or (HWTB_2E = DK, R, NS) or (HWTB_2F = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Collapsed		
17	DHHB_SEX = 1 and DHHB_AGE => 15 and HWTBDHTM <= 1.524	Males aged 15 years or greater with height less than or equal to 1.524
28	DHHB_SEX = 1 and 12 <= DHHB_AGE <= 14 and HWTBDHTM => 1.803	Males aged 12 to 14 years with height greater than or equal to 1.803
31	DHHB_SEX = 1 and DHHB_AGE => 15 and HWTBDHTM => 1.88	Males aged 15 years or greater with height greater than or equal to 1.880
5	DHHB_SEX = 2 and 12 <= DHHB_AGE <= 14 and HWTBDHTM <= 1.219	Females aged 12 to 14 years with height less than or equal to 1.219
12	DHHB_SEX = 2 and DHHB_AGE => 15 and HWTBDHTM <= 1.397	Females aged 15 years or greater with height less than or equal to 1.397
28	DHHB_SEX = 2 and DHHB_AGE => 12 and HWTBDHTM => 1.803	Females aged 12 or greater with height greater than or equal to 1.803

2) Weight (kilograms) – Grouped

Variable name: HWTBGWTK

Based on: HWTB_3, HWTB_N4

Description: This variable indicates the weight of the respondent in kilograms.

Technical Specs: In order to ensure certain individuals were not identifiable, some records have been collapsed as indicated in table below:

Value of HWTBGWTK	Condition(s)	Explanation
HWTB_3	HWTB_N4 = 2	Weight already in kilograms
HWTB_3 x .45	HWTB_N4 = 1	Weight is in pounds, convert to kilograms

Value of HWTBGWTK	Sex	Age Range	Condition(s)	Minimum/Maximum Weight Value
27	Male	12-14	DHHB_SEX = 1 and 12 <= DHHB_AGE <= 14 and HWTBDWTK <= 27	<= 27
41	Male	15-19	DHHB_SEX = 1 and 15 <= DHHB_AGE <= 19 and HWTBDWTK <= 41	<= 41
50	Male	=> 20	DHHB_SEX = 1 and DHHB_AGE => 20 and HWTBDWTK <= 50	<= 50
106	Male	12-14	DHHB_SEX = 1 and 12 <= DHHB_AGE <= 14 and HWTBDWTK => 106	=> 106
130	Male	15-19	DHHB_SEX = 1 and 15 <= DHHB_AGE <= 19 and HWTBDWTK => 130	=> 130
137	Male	=> 20	DHHB_SEX = 1 and DHHB_AGE => 20 and HWTBDWTK => 137	=> 137
29	Female	12-14	DHHB_SEX = 2 and 12 <= DHHB_AGE <= 14 and HWTBDWTK <= 29	<= 29
40	Female	>= 15	DHHB_SEX = 2 and DHHB_AGE => 15 and HWTBDWTK <= 40	<= 40
86	Female	12-14	DHHB_SEX = 2 and 12 <= DHHB_AGE <= 14 and HWTBDWTK => 86	=> 86
113	Female	>=15	DHHB_SEX = 2 and DHHB_AGE => 15 and HWTBDWTK => 113	=> 113
NS			(HWTB_3 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

3) Body Mass Index – Grouped

Variable name: HWTBGBMI

Based on: HWTBDHTM, HWTBDWTK, HWTB_1, DHHB_AGE, DHHB_SEX

Description: The body mass index (BMI) is a quick and accurate method to determine health risk as it relates to your body weight and height. Calculated for persons 20 to 64 years old, excluding pregnant women. The pregnancy question (variable HWTB_1) has been added to measure the BMI for female respondents in the second collection period, which means that the BMI could not be calculated for female respondents of the first collection period. BMI is not calculated for anyone less than 3 feet or 7 feet and over. BMI values have been regrouped to a minimum of 14 and a maximum of 58.

Technical Specifications: BMI is calculated by dividing one's weight in kilograms by one's squared height, measured in meters. BMI = WEIGHT (KG) / SQUARED HEIGHT (METERS)

Value of HWTBGBMI	Condition(s)	Explanation
NA	$20 < \text{DHHB_AGE} > 64$	Respondent less than 20 or more than 64 years old.
NA	$\text{HWTB_1} = 1$	Respondent is pregnant.
NS	$\text{HWTBDHTM} = \text{NS}$ or $\text{HWTBGWTK} = \text{NS}$	Height and/or weight was not given.
NS	$\text{HWTB_1} = \text{NS}$ and $\text{DHHB_SEX} = 2$	Female respondent in the first collection period (2002Q1) were not asked the pregnancy question.
NA	$.914 < \text{HWTBDHTM} > 2.108$	Respondent's height is out of range.
$\text{HWTBGWTK} / (\text{HWTBDHTM} \times \text{HWTBDHTM})$ (round to .1) (Min.: 14; Max.: 58)	$.914 \leq \text{HWTBDHTM} \leq 2.108$ and $0 < \text{HWTBGWTK} \leq 260$	BMI calculated from height and weight values.

4) Standard Weight (Canadian Standard) – Grouped

Variable name: HWTBGSW

Based on: HWTBDBMI

Description: This variable classifies the respondent based on their BMI and indicates whether they are in the insufficient, acceptable, or overweight category, according to the Canadian standard.

Value of HWTBGSW	Condition(s)	Explanation
NA	$\text{HWTBDBMI} = \text{NA}$	Not applicable
NS	$\text{HWTBDBMI} = \text{NS}$	Not stated
1	$\text{HWTBDBMI} < 20.0$	Insufficient weight
2	$20.0 \leq \text{HWTBDBMI} < 25.0$	Acceptable weight
3	$25.0 \leq \text{HWTBDBMI}$	Overweight

Physical Activities (6 DVs)

1) Energy Expenditure

Variable name: PACBDEE

Based on: PACB_1V, PACB_2A, PACB_2B, PACB_2C, PACB_2D, PACB_2E, PACB_2F, PACB_2G, PACB_2H, PACB_2I, PACB_2J, PACB_2K, PACB_2L, PACB_2M, PACB_2N, PACB_2O, PACB_2P, PACB_2Q, PACB_2R, PACB_2S, PACB_2T, PACB_2U, PACB_2W, PACB_2X, PACB_3A, PACB_3B, PACB_3C, PACB_3D, PACB_3E, PACB_3F, PACB_3G, PACB_3H, PACB_3I, PACB_3J, PACB_3K, PACB_3L, PACB_3M, PACB_3N, PACB_3O, PACB_3P, PACB_3Q, PACB_3R, PACB_3S, PACB_3T, PACB_3U, PACB_3W, PACB_3X

Description: In order to derive a physical activity index, the energy expenditure (EE) of participants in their leisure activities should be estimated. EE is calculated using the frequency and time per session of the physical activity as well as its MET value. The MET is a value of metabolic energy cost expressed as a multiple of the resting metabolic rate. Thus, an activity of four METS requires four times the amount of energy as compared to when the body is at rest.

Technical Specs: Energy expenditure for each activity (kcal/kg/day) = $(N \times D \times \text{MET value})/365$

Where:

N = the number of times a respondent engaged in an activity over a 12-month period

D = the average duration in hours of the activity

MET value = the energy cost of the activity expressed as kilocalories expended per kilogram of body weight per hour of activity† (kcal/kg per hour)/365 (to convert yearly data into daily data)

† MET values tend to be expressed in three intensity levels (i.e. low, medium, high). CCHS questions did not ask the respondent to specify the intensity level of their activities, therefore the MET values adopted correspond to the low intensity value of each activity. This approach is adopted from the Canadian Fitness and Lifestyle Research Institute because individuals tend to overestimate the intensity, frequency and duration of their activities. The MET values are:

Variable Name	Activity	MET Value (kcal/kg/hr)
PACBDEEA	WALKING FOR EXERCISE	3
PACBDEEB	GARDENING OR YARD WORK	3
PACBDEEC	SWIMMING	3
PACBDEED	BICYCLING	4
PACBDEEE	POPULAR OR SOCIAL DANCE	3
PACBDEEF	HOME EXERCISES	3
PACBDEEG	ICE HOCKEY	6
PACBDEEH	ICE SKATING	4
PACBDEEI	IN-LINE SKATING OR ROLLERBLADING	5
PACBDEEJ	JOGGING OR RUNNING	9.5
PACBDEEK	GOLFING	4
PACBDEEL	EXERCISE CLASS OR AEROBICS	4
PACBDEEM	DOWNHILL SKIING OR SNOWBOARDING	4
PACBDEEN	BOWLING	2
PACBDEEO	BASEBALL OR SOFTBALL	3
PACBDEEP	TENNIS	4
PACBDEEQ	WEIGHT-TRAINING	3
PACBDEER	FISHING	3
PACBDEES	VOLLEYBALL	5
PACBDEET	BASKETBALL	6
PACBDEEU	OTHER (U)	4
PACBDEEW	OTHER (W)	4
PACBDEEX	OTHER (X)	4

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

Note: *Times were rounded to a specific value for calculation, as with NPHS (13min/.2167hr, 23min/.3833hr, 45min/.75hr, 60min/1hr).

Internet Site: Canadian Fitness and Lifestyle Research Institute : www.cflri.ca

WALKING FOR EXERCISE:

Value of PACBDEEA	Condition(s)	Explanation
0	PACB_3A = NA	Respondent did not participate in activity.
0	(PACB_3A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2A} \times 4 \times .2167 \times 3) / 365$	PACB_3A = 1	Calculate EE for < 15 min*
$(\text{PACB_2A} \times 4 \times .3833 \times 3) / 365$	PACB_3A = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2A} \times 4 \times .75 \times 3) / 365$	PACB_3A = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2A} \times 4 \times 1 \times 3) / 365$	PACB_3A = 4	Calculate EE for > 60 min*

GARDENING OR YARD WORK:

Value of PACBDEEB	Condition(s)	Explanation
0	PACB_3B = NA	Respondent did not participate in activity.
0	(PACB_3B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2B} \times 4 \times .2167 \times 3) / 365$	PACB_3B = 1	Calculate EE for < 15 min*
$(\text{PACB_2B} \times 4 \times .3833 \times 3) / 365$	PACB_3B = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2B} \times 4 \times .75 \times 3) / 365$	PACB_3B = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2B} \times 4 \times 1 \times 3) / 365$	PACB_3B = 4	Calculate EE for > 60 min*

SWIMMING:

Value of PACBDEEC	Condition(s)	Explanation
0	PACB_3C = NA	Respondent did not participate in activity.
0	(PACB_3C = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2C} \times 4 \times .2167 \times 3) / 365$	PACB_3C = 1	Calculate EE for < 15 min*
$(\text{PACB_2C} \times 4 \times .3833 \times 3) / 365$	PACB_3C = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2C} \times 4 \times .75 \times 3) / 365$	PACB_3C = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2C} \times 4 \times 1 \times 3) / 365$	PACB_3C = 4	Calculate EE for > 60 min*

BICYCLING:

Value of PACBDEED	Condition(s)	Explanation
0	PACB_3D = NA	Respondent did not participate in activity.
0	(PACB_3D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2D} \times 4 \times .2167 \times 4) / 365$	PACB_3D = 1	Calculate EE for < 15 min*
$(\text{PACB_2D} \times 4 \times .3833 \times 4) / 365$	PACB_3D = 2	Calculate EE for 16 to 30 min*

$(PACB_2D \times 4 \times .75 \times 4) / 365$	$PACB_3D = 3$	Calculate EE for 31 to 60 min*
$(PACB_2D \times 4 \times 1 \times 4) / 365$	$PACB_3D = 4$	Calculate EE for > 60 min*

POPULAR OR SOCIAL DANCE:

Value of PACBDEEE	Condition(s)	Explanation
0	$PACB_3E = NA$	Respondent did not participate in activity.
0	$(PACB_3E = DK, R, NS)$	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(PACB_2E \times 4 \times .2167 \times 3) / 365$	$PACB_3E = 1$	Calculate EE for < 15 min*
$(PACB_2E \times 4 \times .3833 \times 3) / 365$	$PACB_3E = 2$	Calculate EE for 16 to 30 min*
$(PACB_2E \times 4 \times .75 \times 3) / 365$	$PACB_3E = 3$	Calculate EE for 31 to 60 min*
$(PACB_2E \times 4 \times 1 \times 3) / 365$	$PACB_3E = 4$	Calculate EE for > 60 min*

HOME EXERCISES:

Value of PACBDEEF	Condition(s)	Explanation
0	$PACB_3F = NA$	Respondent did not participate in activity.
0	$(PACB_3F = DK, R, NS)$	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(PACB_2F \times 4 \times .2167 \times 3) / 365$	$PACB_3F = 1$	Calculate EE for < 15 min*
$(PACB_2F \times 4 \times .3833 \times 3) / 365$	$PACB_3F = 2$	Calculate EE for 16 to 30 min*
$(PACB_2F \times 4 \times .75 \times 3) / 365$	$PACB_3F = 3$	Calculate EE for 31 to 60 min*
$(PACB_2F \times 4 \times 1 \times 3) / 365$	$PACB_3F = 4$	Calculate EE for > 60 min*

ICE HOCKEY:

Value of PACBDEEG	Condition(s)	Explanation
0	$PACB_3G = NA$	Respondent did not participate in activity.
0	$(PACB_3G = DK, R, NS)$	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(PACB_2G \times 4 \times .2167 \times 6) / 365$	$PACB_3G = 1$	Calculate EE for < 15 min*
$(PACB_2G \times 4 \times .3833 \times 6) / 365$	$PACB_3G = 2$	Calculate EE for 16 to 30 min*
$(PACB_2G \times 4 \times .75 \times 6) / 365$	$PACB_3G = 3$	Calculate EE for 31 to 60 min*
$(PACB_2G \times 4 \times 1 \times 6) / 365$	$PACB_3G = 4$	Calculate EE for > 60 min*

ICE SKATING:

Value of PACBDEEH	Condition(s)	Explanation
0	$PACB_3H = NA$	Respondent did not participate in activity.
0	$(PACB_3H = DK, R, NS)$	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(PACB_2H \times 4 \times .2167 \times 4) / 365$	$PACB_3H = 1$	Calculate EE for < 15 min*
$(PACB_2H \times 4 \times .3833 \times 4) / 365$	$PACB_3H = 2$	Calculate EE for 16 to 30 min*
$(PACB_2H \times 4 \times .75 \times 4) / 365$	$PACB_3H = 3$	Calculate EE for 31 to 60 min*
$(PACB_2H \times 4 \times 1 \times 4) / 365$	$PACB_3H = 4$	Calculate EE for > 60 min*

IN-LINE SKATING OR ROLLERBLADING:

Value of PACBDEEI	Condition(s)	Explanation
0	$PACB_3I = NA$	Respondent did not participate in activity.

0	(PACB_3I = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2I} \times 4 \times .2167 \times 5) / 365$	PACB_3I = 1	Calculate EE for < 15 min*
$(\text{PACB_2I} \times 4 \times .3833 \times 5) / 365$	PACB_3I = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2I} \times 4 \times .75 \times 5) / 365$	PACB_3I = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2I} \times 4 \times 1 \times 5) / 365$	PACB_3I = 4	Calculate EE for > 60 min*

JOGGING OR RUNNING:

Value of PACBDEEJ	Condition(s)	Explanation
0	PACB_3J = NA	Respondent did not participate in activity.
0	(PACB_3J = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2J} \times 4 \times .2167 \times 9.5) / 365$	PACB_3J = 1	Calculate EE for < 15 min*
$(\text{PACB_2J} \times 4 \times .3833 \times 9.5) / 365$	PACB_3J = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2J} \times 4 \times .75 \times 9.5) / 365$	PACB_3J = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2J} \times 4 \times 1 \times 9.5) / 365$	PACB_3J = 4	Calculate EE for > 60 min*

GOLFING:

Value of PACBDEEK	Condition(s)	Explanation
0	PACB_3K = NA	Respondent did not participate in activity.
0	(PACB_3K = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2K} \times 4 \times .2167 \times 4) / 365$	PACB_3K = 1	Calculate EE for < 15 min*
$(\text{PACB_2K} \times 4 \times .3833 \times 4) / 365$	PACB_3K = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2K} \times 4 \times .75 \times 4) / 365$	PACB_3K = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2K} \times 4 \times 1 \times 4) / 365$	PACB_3K = 4	Calculate EE for > 60 min*

EXERCISE CLASS OR AEROBICS:

Value of PACBDEEL	Condition(s)	Explanation
0	PACB_3L = NA	Respondent did not participate in activity.
0	(PACB_3L = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2L} \times 4 \times .2167 \times 4) / 365$	PACB_3L = 1	Calculate EE for < 15 min*
$(\text{PACB_2L} \times 4 \times .3833 \times 4) / 365$	PACB_3L = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2L} \times 4 \times .75 \times 4) / 365$	PACB_3L = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2L} \times 4 \times 1 \times 4) / 365$	PACB_3L = 4	Calculate EE for > 60 min*

DOWNHILL SKIING OR SNOWBOARDING:

Value of PACBDEEM	Condition(s)	Explanation
0	PACB_3M = NA	Respondent did not participate in activity.
0	(PACB_3M = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2M} \times 4 \times .2167 \times 4) / 365$	PACB_3M = 1	Calculate EE for < 15 min*
$(\text{PACB_2M} \times 4 \times .3833 \times 4) / 365$	PACB_3M = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2M} \times 4 \times .75 \times 4) / 365$	PACB_3M = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2M} \times 4 \times 1 \times 4) / 365$	PACB_3M = 4	Calculate EE for > 60 min*

BOWLING:

Value of PACBDEEN	Condition(s)	Explanation
0	PACB_3N = NA	Respondent did not participate in activity.
0	(PACB_3N = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2N} \times 4 \times .2167 \times 2) / 365$	PACB_3N = 1	Calculate EE for < 15 min*
$(\text{PACB_2N} \times 4 \times .3833 \times 2) / 365$	PACB_3N = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2N} \times 4 \times .75 \times 2) / 365$	PACB_3N = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2N} \times 4 \times 1 \times 2) / 365$	PACB_3N = 4	Calculate EE for > 60 min*

BASEBALL OR SOFTBALL:

Value of PACBDEEO	Condition(s)	Explanation
0	PACB_3O = NA	Respondent did not participate in activity.
0	(PACB_3O = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2O} \times 4 \times .2167 \times 3) / 365$	PACB_3O = 1	Calculate EE for < 15 min*
$(\text{PACB_2O} \times 4 \times .3833 \times 3) / 365$	PACB_3O = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2O} \times 4 \times .75 \times 3) / 365$	PACB_3O = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2O} \times 4 \times 1 \times 3) / 365$	PACB_3O = 4	Calculate EE for > 60 min*

TENNIS:

Value of PACBDEEP	Condition(s)	Explanation
0	PACB_3P = NA	Respondent did not participate in activity.
0	(PACB_3P = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2P} \times 4 \times .2167 \times 4) / 365$	PACB_3P = 1	Calculate EE for < 15 min*
$(\text{PACB_2P} \times 4 \times .3833 \times 4) / 365$	PACB_3P = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2P} \times 4 \times .75 \times 4) / 365$	PACB_3P = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2P} \times 4 \times 1 \times 4) / 365$	PACB_3P = 4	Calculate EE for > 60 min*

WEIGHT-TRAINING:

Value of PACBDEEQ	Condition(s)	Explanation
0	PACB_3Q = NA	Respondent did not participate in activity.
0	(PACB_3Q = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2Q} \times 4 \times .2167 \times 3) / 365$	PACB_3Q = 1	Calculate EE for < 15 min*
$(\text{PACB_2Q} \times 4 \times .3833 \times 3) / 365$	PACB_3Q = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2Q} \times 4 \times .75 \times 3) / 365$	PACB_3Q = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2Q} \times 4 \times 1 \times 3) / 365$	PACB_3Q = 4	Calculate EE for > 60 min*

FISHING:

Value of PACBDEER	Condition(s)	Explanation
0	PACB_3R = NA	Respondent did not participate in activity.
0	(PACB_3R = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2R} \times 4 \times .2167 \times 3) / 365$	PACB_3R = 1	Calculate EE for < 15 min*

$(\text{PACB_2R} \times 4 \times .3833 \times 3) / 365$	$\text{PACB_3R} = 2$	Calculate EE for 16 to 30 min*
$(\text{PACB_2R} \times 4 \times .75 \times 3) / 365$	$\text{PACB_3R} = 3$	Calculate EE for 31 to 60 min*
$(\text{PACB_2R} \times 4 \times 1 \times 3) / 365$	$\text{PACB_3R} = 4$	Calculate EE for > 60 min*

VOLLEYBALL:

Value of PACBDEES	Condition(s)	Explanation
0	$\text{PACB_3S} = \text{NA}$	Respondent did not participate in activity.
0	$(\text{PACB_3S} = \text{DK, R, NS})$	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2S} \times 4 \times .2167 \times 5) / 365$	$\text{PACB_3S} = 1$	Calculate EE for < 15 min*
$(\text{PACB_2S} \times 4 \times .3833 \times 5) / 365$	$\text{PACB_3S} = 2$	Calculate EE for 16 to 30 min*
$(\text{PACB_2S} \times 4 \times .75 \times 5) / 365$	$\text{PACB_3S} = 3$	Calculate EE for 31 to 60 min*
$(\text{PACB_2S} \times 4 \times 1 \times 5) / 365$	$\text{PACB_3S} = 4$	Calculate EE for > 60 min*

BASKETBALL:

Value of PACBDEET	Condition(s)	Explanation
0	$\text{PACB_3T} = \text{NA}$	Respondent did not participate in activity.
0	$(\text{PACB_3T} = \text{DK, R, NS})$	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2T} \times 4 \times .2167 \times 6) / 365$	$\text{PACB_3T} = 1$	Calculate EE for < 15 min*
$(\text{PACB_2T} \times 4 \times .3833 \times 6) / 365$	$\text{PACB_3T} = 2$	Calculate EE for 16 to 30 min*
$(\text{PACB_2T} \times 4 \times .75 \times 6) / 365$	$\text{PACB_3T} = 3$	Calculate EE for 31 to 60 min*
$(\text{PACB_2T} \times 4 \times 1 \times 6) / 365$	$\text{PACB_3T} = 4$	Calculate EE for > 60 min*

OTHER (U):

Value of PACBDEEU	Condition(s)	Explanation
0	$\text{PACB_3U} = \text{NA}$	Respondent did not participate in activity.
0	$(\text{PACB_3U} = \text{DK, R, NS})$	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2U} \times 4 \times .2167 \times 4) / 365$	$\text{PACB_3U} = 1$	Calculate EE for < 15 min*
$(\text{PACB_2U} \times 4 \times .3833 \times 4) / 365$	$\text{PACB_3U} = 2$	Calculate EE for 16 to 30 min*
$(\text{PACB_2U} \times 4 \times .75 \times 4) / 365$	$\text{PACB_3U} = 3$	Calculate EE for 31 to 60 min*
$(\text{PACB_2U} \times 4 \times 1 \times 4) / 365$	$\text{PACB_3U} = 4$	Calculate EE for > 60 min*

OTHER (W):

Value of PACBDEEW	Condition(s)	Explanation
0	$\text{PACB_3W} = \text{NA}$	Respondent did not participate in activity.
0	$(\text{PACB_3W} = \text{DK, R, NS})$	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2W} \times 4 \times .2167 \times 4) / 365$	$\text{PACB_3W} = 1$	Calculate EE for < 15 min*
$(\text{PACB_2W} \times 4 \times .3833 \times 4) / 365$	$\text{PACB_3W} = 2$	Calculate EE for 16 to 30 min*
$(\text{PACB_2W} \times 4 \times .75 \times 4) / 365$	$\text{PACB_3W} = 3$	Calculate EE for 31 to 60 min*
$(\text{PACB_2W} \times 4 \times 1 \times 4) / 365$	$\text{PACB_3W} = 4$	Calculate EE for > 60 min*

OTHER (X):

Value of PACBDEEX	Condition(s)	Explanation
0	$\text{PACB_3X} = \text{NA}$	Respondent did not participate in activity.

0	(PACB_3X = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
$(\text{PACB_2X} \times 4 \times .2167 \times 4) / 365$	PACB_3X = 1	Calculate EE for < 15 min*
$(\text{PACB_2X} \times 4 \times .3833 \times 4) / 365$	PACB_3X = 2	Calculate EE for 16 to 30 min*
$(\text{PACB_2X} \times 4 \times .75 \times 4) / 365$	PACB_3X = 3	Calculate EE for 31 to 60 min*
$(\text{PACB_2X} \times 4 \times 1 \times 4) / 365$	PACB_3X = 4	Calculate EE for > 60 min*

SUM EE VALUES AND ROUND TO ONE DECIMAL:**TOTAL:**

Value of PACBDEE	Condition(s)	Explanation
NS	(PACB_1V = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
0	PACB_1V = 1	No physical activity.
PACBDEEA + PACBDEEB + PACBDEEC + PACBDEED + PACBDEEE + PACBDEEF + PACBDEEG + PACBDEEH + PACBDEEI + PACBDEEJ + PACBDEEK + PACBDEEL + PACBDEEM + PACBDEEN + PACBDEEO + PACBDEEP + PACBDEEQ + PACBDEER + PACBDEES + PACBDEET + PACBDEEU + PACBDEEW + PACBDEEX (min: 0; max: 99.5) (round to .1)	0 <= PACBDEEA < NA and 0 <= PACBDEEB < NA and 0 <= PACBDEEC < NA and 0 <= PACBDEED < NA and 0 <= PACBDEEE < NA and 0 <= PACBDEEF < NA and 0 <= PACBDEEG < NA and 0 <= PACBDEEH < NA and 0 <= PACBDEEI < NA and 0 <= PACBDEEJ < NA and 0 <= PACBDEEK < NA and 0 <= PACBDEEL < NA and 0 <= PACBDEEM < NA and 0 <= PACBDEEN < NA and 0 <= PACBDEEO < NA and 0 <= PACBDEEP < NA and 0 <= PACBDEEQ < NA and 0 <= PACBDEER < NA and 0 <= PACBDEES < NA and 0 <= PACBDEET < NA and 0 <= PACBDEEU < NA and 0 <= PACBDEEW < NA and 0 <= PACBDEEX < NA	Total energy expenditure (kcal/kg/day) is equal to the sum of energy expenditure for each activity.

2) Participant in Leisure Physical Activity**Variable name:** PACBFLEI**Based on:** PACB_1V**Description:** This variable indicates whether the respondent participated in any leisure activities in the three months prior to the interview.**Source:** Ontario Health Survey**Internet Site:** www.chass.utoronto.ca/datalib/codebooks/utm/ohs/ohs90.htm

Value of PACBFLEI	Condition(s)	Explanation
NS	(PACB_1V = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
2	PACB_1V = 1	Respondent does not participate in leisure physical activity.
1	PACB_1V = 2	Respondent participates in leisure physical activity.

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

Variable name: PACBDFM

Based on: PACB_1V, PACB_2A, PACB_2B, PACB_2C, PACB_2D, PACB_2E, PACB_2F, PACB_2G, PACB_2H, PACB_2I, PACB_2J, PACB_2K, PACB_2L, PACB_2M, PACB_2N, PACB_2O, PACB_2P, PACB_2Q, PACB_2R, PACB_2S, PACB_2T, PACB_2U, PACB_2W, PACB_2X, PACB_3A, PACB_3B, PACB_3C, PACB_3D, PACB_3E, PACB_3F, PACB_3G, PACB_3H, PACB_3I, PACB_3J, PACB_3K, PACB_3L, PACB_3M, PACB_3N, PACB_3O, PACB_3P, PACB_3Q, PACB_3R, PACB_3S, PACB_3T, PACB_3U, PACB_3W, PACB_3X

Description: This variable calculates the average number of times in the past month that respondents took part in a physical activity lasting more than 15 minutes. It should be noted that the questions refer to a three-month period and this variable refers to a one-month period. (The total frequency was divided by three)

Source: Ontario Health Survey

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

Temporary Reformats

Reformat	Explanation
If (PACB_3A = 1, NA, DK, R, NS) then PACRQ2A = 0 If (PACB_3B = 1, NA, DK, R, NS) then PACRQ2B = 0 If (PACB_3C = 1, NA, DK, R, NS) then PACRQ2C = 0 If (PACB_3D = 1, NA, DK, R, NS) then PACRQ2D = 0 If (PACB_3E = 1, NA, DK, R, NS) then PACRQ2E = 0 If (PACB_3F = 1, NA, DK, R, NS) then PACRQ2F = 0 If (PACB_3G = 1, NA, DK, R, NS) then PACRQ2G = 0 If (PACB_3H = 1, NA, DK, R, NS) then PACRQ2H = 0 If (PACB_3I = 1, NA, DK, R, NS) then PACRQ2I = 0 If (PACB_3J = 1, NA, DK, R, NS) then PACRQ2J = 0 If (PACB_3K = 1, NA, DK, R, NS) then PACRQ2K = 0 If (PACB_3L = 1, NA, DK, R, NS) then PACRQ2L = 0 If (PACB_3M = 1, NA, DK, R, NS) then PACRQ2M = 0 If (PACB_3N = 1, NA, DK, R, NS) then PACRQ2N = 0 If (PACB_3O = 1, NA, DK, R, NS) then PACRQ2O = 0 If (PACB_3P = 1, NA, DK, R, NS) then PACRQ2P = 0 If (PACB_3Q = 1, NA, DK, R, NS) then PACRQ2Q = 0 If (PACB_3R = 1, NA, DK, R, NS) then PACRQ2R = 0 If (PACB_3S = 1, NA, DK, R, NS) then PACRQ2S = 0 If (PACB_3T = 1, NA, DK, R, NS) then PACRQ2T = 0 If (PACB_3U = 1, NA, DK, R, NS) then PACRQ2U = 0 If (PACB_3W = 1, NA, DK, R, NS) then PACRQ2W = 0 If (PACB_3X = 1, NA, DK, R, NS) then PACRQ2X = 0	Set all values for PACB_3 (time spent on each occasion) to 0 if PACB_3 is 1 (1 to 15 minutes), NA (did not participate in activity), or DK, R, NS (did not answer the question).

Value of PACBDFM	Condition(s)	Explanation
0	PACB_1V=1	No physical activity.
NS	(PACB_1V = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

(PACRQ2A + PACRQ2B + PACRQ2C + PACRQ2D + PACRQ2E + PACRQ2F + PACRQ2G + PACRQ2H + PACRQ2I + PACRQ2J + PACRQ2K + PACRQ2L + PACRQ2M + PACRQ2N + PACRQ2O + PACRQ2P + PACRQ2Q + PACRQ2R + PACRQ2S + PACRQ2T + PACRQ2U + PACRQ2W + PACRQ2X) / 3 (min: 0; max: 995) (round to nearest integer)	0 <= PACRQ2A < NA and 0 <= PACRQ2B < NA and 0 <= PACRQ2C < NA and 0 <= PACRQ2D < NA and 0 <= PACRQ2E < NA and 0 <= PACRQ2F < NA and 0 <= PACRQ2G < NA and 0 <= PACRQ2H < NA and 0 <= PACRQ2I < NA and 0 <= PACRQ2J < NA and 0 <= PACRQ2K < NA and 0 <= PACRQ2L < NA and 0 <= PACRQ2M < NA and 0 <= PACRQ2N < NA and 0 <= PACRQ2O < NA and 0 <= PACRQ2P < NA and 0 <= PACRQ2Q < NA and 0 <= PACRQ2R < NA and 0 <= PACRQ2S < NA and 0 <= PACRQ2T < NA and 0 <= PACRQ2U < NA and 0 <= PACRQ2W < NA and 0 <= PACRQ2X < NA	Total frequencies of physical activity lasting over 15 minutes over 3 months divided by 3.
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4) Frequency of All Physical Activity Lasting Over 15 Minutes

Variable name: PACBDFR

Based on: PACBDFM

Description: This variable classifies respondents based on their average monthly frequency of physical activities lasting more than 15 minutes.

Value of PACBDFR	Condition(s)	Explanation
NS	PACBDFM = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.
1	12 <= PACBDFM < NA	Respondent exercises regularly
2	4 <= PACBDFM < 12	Respondent exercises occasionally
3	PACBDFM < 4	Respondent exercises infrequently

5) Participant in Daily Physical Activity Lasting Over 15 Minutes

Variable name: PACBFD

Based on: PACBDFM

Description: This variable indicates if the respondent participated daily in physical activity.

Value of PACBFD	Condition(s)	Explanation
NS	PACBDFM = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.
1	30 <= PACBDFM < NA	Respondent exercises daily
2	PACBDFM < 30	Respondent does not exercise daily

6) Physical Activity Index

Variable name: PACBDPAI

Based on: PACBDEE

Description: Energy expenditure values used to categorize individuals are the same as those used in the Ontario Health Survey (OHS) and in the Campbell's Survey on Well-Being.

Internet Site: Campbell Survey on Well-Being in Canada: www.cflri.ca/cflri/pa/surveys/88survey.html

Value of PACBDPAI	Condition(s)	Explanation
NS	PACBDEE = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.
1	$3.0 \leq \text{PACBDEE} < \text{NA}$	Active
2	$1.5 \leq \text{PACBDEE} < 3.0$	Moderate
3	$0 \leq \text{PACBDEE} < 1.5$	Inactive

Psychological Well-Being (1 DV)

1) Psychological Well-Being Manifestation Scale (WBMMS)

Variable Name: PWBBDPWBB

Based on: PWBB_01, PWBB_02, PWBB_03, PWBB_04, PWBB_05, PWBB_06, PWBB_07, PWBB_08, PWBB_09, PWBB_10, PWBB_11, PWBB_12, PWBB_13, PWBB_14, PWBB_15, PWBB_16, PWBB_17, PWBB_18, PWBB_19, PWBB_20, PWBB_21, PWBB_22, PWBB_23, PWBB_24, PWBB_25

Description: This scale, which assesses psychological well-being, is based on the proposed questions from Raymond Massé. Higher scores indicate greater well-being.

Source: Raymond Massé (Laval University)

"Élaboration et validation d'un outil de mesure du bien-être psychologique : L'ÉMMBEP" R. Massé, C. Poulin, C. Dassa, J. Lambert, S. Bélair, M.A. Battaglini. *Revue Canadienne de Santé Publique*, Vol. 89. No. 5, pp. 352-357.

Temporary Reformats

Reformat	Explanation
If PWBB_01 <= 5 then PWBRQ01 = 5 – PWBB_01 If PWBB_02 <= 5 then PWBRQ02 = 5 – PWBB_02 If PWBB_03 <= 5 then PWBRQ03 = 5 – PWBB_03 If PWBB_04 <= 5 then PWBRQ04 = 5 – PWBB_04 If PWBB_05 <= 5 then PWBRQ05 = 5 – PWBB_05 If PWBB_06 <= 5 then PWBRQ06 = 5 – PWBB_06 If PWBB_07 <= 5 then PWBRQ07 = 5 – PWBB_07 If PWBB_08 <= 5 then PWBRQ08 = 5 – PWBB_08 If PWBB_09 <= 5 then PWBRQ09 = 5 – PWBB_09 If PWBB_10 <= 5 then PWBRQ10 = 5 – PWBB_10 If PWBB_11 <= 5 then PWBRQ11 = 5 – PWBB_11 If PWBB_12 <= 5 then PWBRQ12 = 5 – PWBB_12 If PWBB_13 <= 5 then PWBRQ13 = 5 – PWBB_13 If PWBB_14 <= 5 then PWBRQ14 = 5 – PWBB_14 If PWBB_15 <= 5 then PWBRQ15 = 5 – PWBB_15 If PWBB_16 <= 5 then PWBRQ16 = 5 – PWBB_16 If PWBB_17 <= 5 then PWBRQ17 = 5 – PWBB_17 If PWBB_18 <= 5 then PWBRQ18 = 5 – PWBB_18 If PWBB_19 <= 5 then PWBRQ19 = 5 – PWBB_19 If PWBB_20 <= 5 then PWBRQ20 = 5 – PWBB_20 If PWBB_21 <= 5 then PWBRQ21 = 5 – PWBB_21 If PWBB_22 <= 5 then PWBRQ22 = 5 – PWBB_22 If PWBB_23 <= 5 then PWBRQ23 = 5 – PWBB_23 If PWBB_24 <= 5 then PWBRQ24 = 5 – PWBB_24 If PWBB_25 <= 5 then PWBRQ25 = 5 – PWBB_25	Reverse code all responses so that higher scores reflect higher levels of well-being. Change the scale from 1-5 to 0-4 so the summed scale will range from 0 to 100.

Value of PWBBDPWB	Condition (s)	Explanation
NS	(PWBB_01 = DK, R, NS) or (PWBB_02 = DK, R, NS) or (PWBB_03 = DK, R, NS) or (PWBB_04 = DK, R, NS) or (PWBB_05 = DK, R, NS) or (PWBB_06 = DK, R, NS) or (PWBB_07 = DK, R, NS) or (PWBB_08 = DK, R, NS) or (PWBB_09 = DK, R, NS) or (PWBB_10 = DK, R, NS) or (PWBB_11 = DK, R, NS) or (PWBB_12 = DK, R, NS) or (PWBB_13 = DK, R, NS) or (PWBB_14 = DK, R, NS) or (PWBB_15 = DK, R, NS) or (PWBB_16 = DK, R, NS) or (PWBB_17 = DK, R, NS) or (PWBB_18 = DK, R, NS) or (PWBB_19 = DK, R, NS) or (PWBB_20 = DK, R, NS) or (PWBB_21 = DK, R, NS) or (PWBB_22 = DK, R, NS) or (PWBB_23 = DK, R, NS) or (PWBB_24 = DK, R, NS) or (PWBB_25 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.
PWBRQ01 + PWBRQ02 + PWBRQ03 + PWBRQ04 + PWBRQ05 + PWBRQ06 + PWBRQ07 + PWBRQ08 + PWBRQ09 + PWBRQ10 + PWBRQ11 + PWBRQ12 + PWBRQ13 + PWBRQ14 + PWBRQ15 + PWBRQ16 + PWBRQ17 + PWBRQ18 + PWBRQ19 + PWBRQ20 + PWBRQ21 + PWBRQ22 + PWBRQ23 + PWBRQ24 + PWBRQ25 (min: 0; max: 100)	1 <= PWBB_01 <= 5 and 1 <= PWBB_02 <= 5 and 1 <= PWBB_03 <= 5 and 1 <= PWBB_04 <= 5 and 1 <= PWBB_05 <= 5 and 1 <= PWBB_06 <= 5 and 1 <= PWBB_07 <= 5 and 1 <= PWBB_08 <= 5 and 1 <= PWBB_09 <= 5 and 1 <= PWBB_10 <= 5 and 1 <= PWBB_11 <= 5 and 1 <= PWBB_12 <= 5 and 1 <= PWBB_13 <= 5 and 1 <= PWBB_14 <= 5 and 1 <= PWBB_15 <= 5 and 1 <= PWBB_16 <= 5 and 1 <= PWBB_17 <= 5 and 1 <= PWBB_18 <= 5 and 1 <= PWBB_19 <= 5 and 1 <= PWBB_20 <= 5 and 1 <= PWBB_21 <= 5 and 1 <= PWBB_22 <= 5 and 1 <= PWBB_23 <= 5 and 1 <= PWBB_24 <= 5 and 1 <= PWBB_25 <= 5	Respondent's score on the psychological well-being scale. Higher values indicate higher well-being.

Distress (3 DVs)

The items and scoring used to derive the distress score are based on the work of Kessler and Mroczek (from Michigan University). The index is based on a subset of items from the Composite International Diagnostic Interview (CIDI). The CIDI is a structured diagnostic instrument that was designed to produce diagnoses according to the definitions and criteria of both DSM-III-R and the Diagnostic Criteria for Research of the ICD-10. Higher scores indicate more distress.

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

Mental disorders or problems found in the CCHS 1.2 are operationalized to partially meet the DSM-IV or DSM-III-R definitions/classification.

Temporary Reformats

Reformat	Explanation
If DISB_10A <= 5 then DISRQ01A = 5 – DISB_10A If DISB_10B <= 5 then DISRQ01B = 5 – DISB_10B If DISB_10C <= 5 then DISRQ01C = 5 – DISB_10C If DISB_10D <= 5 then DISRQ01D = 5 – DISB_10D If DISB_10E <= 5 then DISRQ01E = 5 – DISB_10E If DISB_10F <= 5 then DISRQ01F = 5 – DISB_10F If DISB_10G <= 5 then DISRQ01G = 5 – DISB_10G If DISB_10H <= 5 then DISRQ01H = 5 – DISB_10H If DISB_10I <= 5 then DISRQ01I = 5 – DISB_10I If DISB_10J <= 5 then DISRQ01J = 5 – DISB_10J	Rescale and invert the answers for questions DISB_10A to DISB_10J from 1 to 5 to 4 to 0 so that 0 = None of the time and 4 = all of the time.

1) Distress Scale – K10

Variable name: DISBDDSX

Based on: DISB_10A, DISB_10B, DISB_10C, DISB_10D, DISB_10E, DISB_10F, DISB_10G, DISB_10H, DISB_10I, DISB_10J

Description: This variable determines the respondent's level of distress using ten questions. Higher scores indicate more distress.

Note: DISBDDSX is similar to the distress scale of CCHS 1.1 and previous NPHS surveys. This derived variable is based on 10 items and is known as the K10.

Internet Site: National Comorbidity Survey: www.hcp.med.harvard.edu/ncs/

Composite International Diagnostic Interview (CIDI): www.who.int/msa/cidi/index.htm

Value of DISBDDSX	Condition(s)	Explanation
NS	(DISB_10A = DK, R, NS) or (DISB_10B = DK, R, NS) or (DISB_10C = DK, R, NS) or (DISB_10D = DK, R, NS) or (DISB_10E = DK, R, NS) or (DISB_10F = DK, R, NS) or (DISB_10G = DK, R, NS) or (DISB_10H = DK, R, NS) or (DISB_10I = DK, R, NS) or (DISB_10J = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
DISRQ01A + DISRQ01B + DISRQ01C + DISRQ01D + DISRQ01E + DISRQ01F + DISRQ01G + DISRQ01H + DISRQ01I + DISRQ01J	DISRQ01A <= 4 and DISRQ01B <= 4 and DISRQ01C <= 4 and DISRQ01D <= 4 and DISRQ01E <= 4 and DISRQ01F <= 4 and	Score obtained by the respondent on the Distress scale – K10. Higher scores indicate more distress.

(min: 0; max: 40)	DISRQ01G <= 4 and DISRQ01H <= 4 and DISRQ01I <= 4 and DISRQ01J <= 4	
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2) Distress Scale – K6

Variable name: DISBDK6

Based on: DISB_10B, DISB_10D, DISB_10E, DISB_10H, DISB_10I, DISB_10J

Description: The following variable determines the respondent's level of distress using six questions. Higher scores indicate more distress.

Note: DISBDK6 is identical to the distress scale of the earlier CCHS 1.1 and NPHS surveys. It was renamed here to distinguish it from the K10.

Internet Site: National Comorbidity Survey: www.hcp.med.harvard.edu/ncs/

Composite International Diagnostic Interview (CIDI): www.who.int/msa/cidi/index.htm

Value of DISBDK6	Condition(s)	Explanation
NS	(DISB_10B = DK, R, NS) or (DISB_10D = DK, R, NS) or (DISB_10E = DK, R, NS) or (DISB_10H = DK, R, NS) or (DISB_10I = DK, R, NS) or (DISB_10J = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
DISRQ01B + DISRQ01D + DISRQ01E + DISRQ01H + DISRQ01I + DISRQ01J (min: 0; max: 24)	DISRQ01B <= 4 and DISRQ01D <= 4 and DISRQ01E <= 4 and DISRQ01H <= 4 and DISRQ01I <= 4 and DISRQ01J <= 4	Score obtained by the respondent on the Distress scale – K6. Higher scores indicate more distress.

3) Chronicity of Distress and Impairment Scale

Variable name: DISBDCHR

Based on: DISB_10K, DISB_10L, DISB_10M

Description: Paired with the distress score (DISB_10A, DISB_10B, DISB_10C, DISB_10D, DISB_10E, DISB_10F, DISB_10G, DISB_10H, DISB_10I, DISB_10J) are the variables DISB_10K, DISB_10L, DISB_10M that assess chronicity of distress and impairment associated with distress in the past month.

Note: This variable has exactly the same operationalization as CCHS 1.1's DISADCH. However, because the reference feelings now refer to 10 variables rather than 6 variables used in CCHS 1.1 and previous NPHS, it has been renamed.

Internet Site: National Comorbidity Survey: www.hcp.med.harvard.edu/ncs/

Composite International Diagnostic Interview (CIDI): www.who.int/msa/cidi/index.htm

Value of DISBDCHR	Condition(s)	Explanation
NS	(DISB_10K = DK, R, NS) or (DISB_10L = DK, R, NS) or (DISB_10M = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
1	DISB_10L = 1	A lot more than usual
2	DISB_10L = 2	Somewhat more than usual
3	DISB_10L = 3	A little more than usual
4	DISB_10K = 3	About the same as usual
5	DISB_10M = 3	A little less than usual
6	DISB_10M = 2	Somewhat less than usual
7	DISB_10M = 1	A lot less than usual
8	DISB_10K = 4	Never had any

Major Depressive Episode (30 DVs)

For the purpose of CCHS 1.2 – Mental Health and Well-being, major depressive episode is a period of 2 weeks or more with persistent depressed mood and loss of interest or pleasure in normal activities, accompanied by symptoms such as decreased energy, changes in sleep and appetite, impaired concentration, and feelings of guilt, hopelessness, or suicidal thoughts.

The questions on major depressive episode are based on a recognized World Mental Health version of the Composite International Diagnostic Interview (WMH-CIDI) modified for the needs of CCHS 1.2. The WMH-CIDI instrument, as part of the WMH2000 Project (World Mental Health 2000) is a World Health Organization worldwide initiative to assess the prevalence rates of various mental disorders in multiple countries.

The WMH-CIDI is a standardized instrument for assessment of mental disorders and conditions according to an operationalization of the definitions and criteria of DSM-IV and ICD-10. DSM refers to the Diagnostic and Statistical Manual of Mental Disorders used by the American Psychiatric Association. It is an internationally recognized classification of mental disorders with several versions. Mental conditions or problems found in the CCHS 1.2 are partially coded either to DSM-IV or DSM-III-R. CCHS 1.2 does not support the ICD-10 algorithms.

The WMH2000 Project supported several versions of the Computer-Assisted Personal Interview (CAPI) and Paper and Pencil Personal Interview (PAPI) WMH-CIDI instrument. The Project has already established a working group that will be examining the methodological differences to ensure that international comparison is done appropriately. Major depressive episode is one of five conditions in the WMH2000 Project that are assessed in this survey. Both lifetime and past year diagnoses are assessed. Past year episode refers to the 12 months preceding the interview.

As part of its support documentation, CCHS 1.2 is providing information on all temporary and interim derived variables used to compute the final derived variables of lifetime and past 12-month profiled conditions. For most users, the final derived variables in addition to the derived variables pertaining to recency, duration, onset and interference will be sufficient to conduct analyses.

For Major Depressive Episode, the variables of primary interest are:

Variable	Concept	Variable Number
DEPBDDPS	Lifetime algorithm	17
DEPBDDY	Past 12-month algorithm	24
DEPBGON	Onset	18
DEPBGREC	Recency	19
DEPBGPERS	Persistence	20
DEPBG22B DEPBG23B DEPBG7CA DEPBG8AA DEPBG8BA	Duration	1-6

DEPBG39A		
DEPBDINT	Past 12-month interference	29
DEPBFSLT DEPBFSYT DEPBFSLA DEPBFSYA	Suicide	25 - 28

The criteria used to derive the final variables for this current profiled mental condition along with their respective temporary and interim variables are operationalized to partially meet the DSM-IV definitions/classification. While the questionnaire and the algorithms are based on worldwide recognised approaches and classification, this method can not be used to clinically diagnose individuals with this profiled condition. Only professionally trained medical staff can do this.

The CCHS 1.2 instrument collects a wealth of information pertaining to this specific mental health condition such as number of symptoms and their overall severity, duration, and intensity; however, the structured approach used by the computerized instrument is not designed to collect some of the more complex information used by professionally trained staff to make a final diagnosis according to the DSM-IV classification. For example, there are no algorithms available to support the creation of derived variables pertaining to the subtypes or specifiers relevant to the disorder. Also, although the instrument does collect some information used for the operationalization of the organic/physical exclusions and the hierarchical ruling, STC recommends that this information be used by DSM experts in light of its complex nature.

In addition to information on mental conditions, the WMH-CIDI instrument also collects information on many important correlates of mental health such as health care service utilization and support. The CCHS 1.2 data collected on mental health correlates is not based on the WMH-CIDI instrument. Although international comparison on such data is important, Statistics Canada, in discussion with its stakeholders, decided that the CCHS 1.2 data should support and complement the Canadian information already available from CCHS 1.1 and other past NPHS cycles.

To facilitate comparison to the DSM, the criteria are more or less itemized in the way they appear in the DSM-IV. This correspondence is only used here to provide a common language that should ease the interpretation of the results. However, it would be inappropriate to assume a direct correspondence between our criteria and the DSM-IV criteria given the operational limitations associated with the questionnaire and the algorithm in addition to the complex nature of the topic.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI lifetime criteria associated with major depressive episode, reported:

1. a period of two weeks or more with depressed mood or loss of interest or pleasure AND at least five additional symptoms;
2. clinically significant distress or social or occupational impairment; and
3. the symptoms are not better accounted for by bereavement.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI 12-month criteria associated with major depressive episode:

1. meet the criteria for lifetime diagnosis of major depressive episode;
2. report a 12-month episode; and
3. report marked impairment in occupational or social functioning.

Major Depressive Episode – Lifetime

1) Duration of Worst Major Depressive Episode – Grouped

Variable name: DEPBG22B

Based on: DEPB_22C (DAYS), DEPB_22D (WEEKS), DEPB_22E (MONTHS), DEPB_22F (YEARS)

Description: The following variable indicates the length of the respondent's worst depressive episode. In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of DEPBG22B	Condition(s)	Explanation
NA	DEPB_22C = NA and DEPB_22D = NA and DEPB_22E = NA and DEPB_22F = NA	Not Applicable
1	DEPB_22C = 14 or DEPB_22D = 2	2 weeks
2	15 <= DEPB_22C <= 21 or DEPB_22D = 3	3 weeks (15 to 21 days)
3	22 <= DEPB_22C <= 31 or DEPB_22D = 4 or DEPB_22E = 1	1 month
4	32 <= DEPB_22C <= 60 or 5 <= DEPB_22D <= 8 or DEPB_22E = 2	2 months
5	61 <= DEPB_22C <= 91 or 9 <= DEPB_22D <= 13 or DEPB_22E = 3	3 months
6	92 <= DEPB_22C <= 120 or 14 <= DEPB_22D <= 17 or DEPB_22E = 4	4 months
7	121 <= DEPB_22C <= 151 or 18 <= DEPB_22D <= 21 or DEPB_22E = 5	5 months
8	152 <= DEPB_22C <= 180 or 22 <= DEPB_22D <= 26 or DEPB_22E = 6	6 months
9	181 <= DEPB_22C <= 211 or 27 <= DEPB_22D <= 30 or DEPB_22E = 7	7 months
10	212 <= DEPB_22C <= 240 or 31 <= DEPB_22D <= 34 or DEPB_22E = 8	8 months
11	241 <= DEPB_22C <= 271 or 35 <= DEPB_22D <= 39 or DEPB_22E = 9	9 months
12	272 <= DEPB_22C <= 300 or 40 <= DEPB_22D <= 44 or DEPB_22E = 10	10 months
13	301 <= DEPB_22C <= 331 or 45 <= DEPB_22D <= 48 or DEPB_22E = 11	11 months
14	332 <= DEPB_22C <= 365 or 49 <= DEPB_22D <= 52 or DEPB_22E = 12 or DEPB_22F = 1	1 year

15	366 <= DEPB_22C <= 900 or 53 <= DEPB_22D <= 104 or 13 <= DEPB_22E <= 48 or 2 <= DEPB_22F <= 4	2 to 4 years
16	DEPB_22F > 4 and DEPB_22F < NA	5 years or more
NS	DEPB_22C = (DK, R, NS) or DEPB_22D = (DK, R, NS) or DEPB_22E = (DK, R, NS) or DEPB_22F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2) Duration of Last Bad Major Depressive Episode – Grouped

Variable name: DEPBG23B

Based on: DEPB_23C (DAYS), DEPB_23D (WEEKS), DEPB_23E (MONTHS), DEPB_23F (YEARS)

Description: This variable identifies the length of the respondent's most recent depressive episode.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of DEPBG23B	Condition(s)	Explanation
NA	DEPB_23C = NA and DEPB_23D = NA and DEPB_23E = NA and DEPB_23F = NA	Not Applicable
1	DEPB_23C <= 14 or DEPB_23D = 2	2 weeks
2	15 <= DEPB_23C <= 21 or DEPB_23D = 3	3 weeks (15 to 21 days)
3	22 <= DEPB_23C <= 31 or DEPB_23D = 4 or DEPB_23E = 1	1 month
4	32 <= DEPB_23C <= 60 or 5 <= DEPB_23D <= 8 or DEPB_23E = 2	2 months
5	61 <= DEPB_23C <= 91 or 9 <= DEPB_23D <= 13 or DEPB_23E = 3	3 months
6	92 <= DEPB_23C <= 120 or 14 <= DEPB_23D <= 17 or DEPB_23E = 4	4 months
7	121 <= DEPB_23C <= 151 or 18 <= DEPB_23D <= 21 or DEPB_23E = 5	5 months
8	152 <= DEPB_23C <= 180 or 22 <= DEPB_23D <= 26 or DEPB_23E = 6	6 months
9	181 <= DEPB_23C <= 211 or 27 <= DEPB_23D <= 30 or DEPB_23E = 7	7 months
10	212 <= DEPB_23C <= 240 or 31 <= DEPB_23D <= 34 or DEPB_23E = 8	8 months
11	241 <= DEPB_23C <= 271 or 35 <= DEPB_23D <= 39 or DEPB_23E = 9	9 months
12	272 <= DEPB_23C <= 300 or 40 <= DEPB_23D <= 44 or DEPB_23E = 10	10 months

13	301 <= DEPB_23C <= 331 or 45 <= DEPB_23D <= 48 or DEPB_23E = 11	11 months
14	332 <= DEPB_23C <= 365 or 49 <= DEPB_23D <= 52 or DEPB_23E = 12 or DEPB_23F = 1	1 year
15	366 <= DEPB_23C <= 900 or 53 <= DEPB_23D <= 104 or 13 <= DEPB_23E <= 48 or 2 <= DEPB_23F <= 4	2 to 4 years
16	DEPB_23F > 4 and DEPB_23F < NA	5 years or more
NS	DEPB_22C = (DK, R, NS) or DEPB_23D = (DK, R, NS) or DEPB_23E = (DK, R, NS) or DEPB_23F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

3) Duration of Very First Major Depressive Episode – Grouped

Variable name: DEPBG7CA

Based on: DEPB_7CB (DAYS), DEPB_7CC (WEEKS), DEPB_7CD (MONTHS), DEPB_7CE (YEARS)

Description: This variable identifies the length of the respondent's first depressive episode.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of DEPBG7CA	Condition(s)	Explanation
NA	DEPB_7CB = NA and DEPB_7CC = NA and DEPB_7CD = NA and DEPB_7CE = NA	Not Applicable
1	DEPB_7CB <= 14 or DEPB_7CC = 2	2 weeks
2	15 <= DEPB_7CB <= 21 or DEPB_7CC = 3	3 weeks (15 to 21 days)
3	22 <= DEPB_7CB <= 31 or DEPB_7CC = 4 or DEPB_7CD = 1	1 month
4	32 <= DEPB_7CB <= 60 or 5 <= DEPB_7CC <= 8 or DEPB_7CD = 2	2 months
5	61 <= DEPB_7CB <= 91 or 9 <= DEPB_7CC <= 13 or DEPB_7CD = 3	3 months
6	92 <= DEPB_7CB <= 120 or 14 <= DEPB_7CC <= 17 or DEPB_7CD = 4	4 months
7	121 <= DEPB_7CB <= 151 or 18 <= DEPB_7CC <= 21 or DEPB_7CD = 5	5 months
8	152 <= DEPB_7CB <= 180 or 22 <= DEPB_7CC <= 26 or DEPB_7CD = 6	6 months
9	181 <= DEPB_7CB <= 211 or 27 <= DEPB_7CC <= 30 or DEPB_7CD = 7	7 months

10	212 <= DEPB_7CB <= 240 or 31 <= DEPB_7CC <= 34 or DEPB_7CD = 8	8 months
11	241 <= DEPB_7CB <= 271 or 35 <= DEPB_7CC <= 39 or DEPB_7CD = 9	9 months
12	272 <= DEPB_7CB <= 300 or 40 <= DEPB_7CC <= 44 or DEPB_7CD = 10	10 months
13	301 <= DEPB_7CB <= 331 or 45 <= DEPB_7CC <= 48 or DEPB_7CD = 11	11 months
14	332 <= DEPB_7CB <= 365 or 49 <= DEPB_7CC <= 52 or DEPB_7CD = 12 or DEPB_7CE = 1	1 year
15	366 <= DEPB_7CB <= 900 or 53 <= DEPB_7CC <= 104 or 13 <= DEPB_7CD <= 48 or 2 <= DEPB_7CE <= 4	2 to 4 years
16	DEPB_7CB > 4 and DEPB_7CB < NA	5 years or more
NS	DEPB_7CB = (DK, R, NS) or DEPB_7CC = (DK, R, NS) or DEPB_7CD = (DK, R, NS) or DEPB_7CE = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

4) Duration of Single Episode in the Past 12 Months – Grouped

Variable name: DEPBG8AA

Based on: DEPB_8AB (DAYS), DEPB_8AC (WEEKS), DEPB_8AD (MONTHS), DEPB_8AE (YEARS)

Description: This variable identifies the length of the respondent's depressive episode occurring in the 12 months prior to interview when a single episode was reported for the previous year.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of DEPBG8AA	Condition(s)	Explanation
NA	DEPB_8AB = NA and DEPB_8AC = NA and DEPB_8AD = NA and DEPB_8AE = NA	Not Applicable
1	DEPB_8AB <= 14 or DEPB_8AC = 2	2 weeks
2	15 <= DEPB_8AB <= 21 or DEPB_8AC = 3	3 weeks (15 to 21 days)
3	22 <= DEPB_8AB <= 31 or DEPB_8AC = 4 or DEPB_8AD = 1	1 month
4	32 <= DEPB_8AB <= 60 or 5 <= DEPB_8AC <= 8 or DEPB_8AD = 2	2 months
5	61 <= DEPB_8AB <= 91 or 9 <= DEPB_8AC <= 13 or DEPB_8AD = 3	3 months
6	92 <= DEPB_8AB <= 120 or 14 <= DEPB_8AC <= 17 or DEPB_8AD = 4	4 months

7	121 <= DEP8AB <= 151 or 18 <= DEP8AC <= 21 or DEP8AD = 5	5 months
8	152 <= DEP8AB <= 180 or 22 <= DEP8AC <= 26 or DEP8AD = 6	6 months
9	181 <= DEP8AB <= 211 or 27 <= DEP8AC <= 30 or DEP8AD = 7	7 months
10	212 <= DEP8AB <= 240 or 31 <= DEP8AC <= 34 or DEP8AD = 8	8 months
11	241 <= DEP8AB <= 271 or 35 <= DEP8AC <= 39 or DEP8AD = 9	9 months
12	272 <= DEP8AB <= 300 or 40 <= DEP8AC <= 44 or DEP8AD = 10	10 months
13	301 <= DEP8AB <= 331 or 45 <= DEP8AC <= 48 or DEP8AD = 11	11 months
14	332 <= DEP8AB <= 365 or 49 <= DEP8AC <= 52 or DEP8AD = 12 or DEP8AE = 1	1 year
15	366 <= DEP8AB <= 900 or 53 <= DEP8AC <= 104 or 13 <= DEP8AD <= 48 or 2 <= DEP8AE <= 4	2 to 4 years
16	DEP8AE > 4 and DEP8AE < NA	5 years or more
NS	DEP8AB = (DK, R, NS) or DEP8AC = (DK, R, NS) or DEP8AD = (DK, R, NS) or DEP8AE = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

5) Duration of First Episode in past 12 Months – Grouped

Variable name: DEP8BA

Based on: DEP8BB (DAYS), DEP8BC (WEEKS), DEP8BD (MONTHS), DEP8BE (YEARS)

Description: This variable identifies the length of the respondent's first depressive episode occurring in the 12 months prior to interview when a multiple episodes were reported for the previous year.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of DEP8BA	Condition(s)	Explanation
NA	DEP8BB = NA and DEP8BC = NA and DEP8BD = NA and DEP8BE = NA	Not Applicable
1	DEP8BB < 14 or DEP8BC = 2	2 weeks
2	15 <= DEP8BB <= 21 or DEP8BC = 3	3 weeks (15 to 21 days)
3	22 <= DEP8BB <= 31 or DEP8BC = 4 or DEP8BD = 1	1 month

4	32 ≤ DEPB_8BB ≤ 60 or 5 ≤ DEPB_8BC ≤ 8 or DEPB_8BD = 2	2 months
5	61 ≤ DEPB_8BB ≤ 91 or 9 ≤ DEPB_8BC ≤ 13 or DEPB_8BD = 3	3 months
6	92 ≤ DEPB_8BB ≤ 120 or 14 ≤ DEPB_8BC ≤ 17 or DEPB_8BD = 4	4 months
7	121 ≤ DEPB_8BB ≤ 151 or 18 ≤ DEPB_8BC ≤ 21 or DEPB_8BD = 5	5 months
8	152 ≤ DEPB_8BB ≤ 180 or 22 ≤ DEPB_8BC ≤ 26 or DEPB_8BD = 6	6 months
9	181 ≤ DEPB_8BB ≤ 211 or 27 ≤ DEPB_8BC ≤ 30 or DEPB_8BD = 7	7 months
10	212 ≤ DEPB_8BB ≤ 240 or 31 ≤ DEPB_8BC ≤ 34 or DEPB_8BD = 8	8 months
11	241 ≤ DEPB_8BB ≤ 271 or 35 ≤ DEPB_8BC ≤ 39 or DEPB_8BD = 9	9 months
12	272 ≤ DEPB_8BB ≤ 300 or 40 ≤ DEPB_8BC ≤ 44 or DEPB_8BD = 10	10 months
13	301 ≤ DEPB_8BB ≤ 331 or 45 ≤ DEPB_8BC ≤ 48 or DEPB_8BD = 11	11 months
14	332 ≤ DEPB_8BB ≤ 365 or 49 ≤ DEPB_8BC ≤ 52 or DEPB_8BD = 12 or DEPB_8BE = 1	1 year
15	366 ≤ DEPB_8BB ≤ 900 and 53 ≤ DEPB_8BC ≤ 104 or 13 ≤ DEPB_8BD ≤ 48 or 2 ≤ DEPB_8BE ≤ 4	2 to 4 years
16	DEPB_8BE > 4 and DEPB_8BE < NA	5 years or more
NS	DEPB_8BB = (DK, R, NS) or DEPB_8BC = (DK, R, NS) or DEPB_8BD = (DK, R, NS) or DEPB_8BE = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

6) Duration of Longest Major Depressive Episode Ever Had – Grouped

Variable name: DEPBG39A

Based on: DEPB_39B (DAYS), DEPB_39C (WEEKS), DEPB_39D (MONTHS), DEPB_39E (YEARS)

Description: This variable calculates the respondent's longest major depressive episode. Note that not all respondents are asked this question (e.g. those who reported only one lifetime major depressive episode). In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of DEPBG39A	Condition(s)	Explanation
NA	DEPB_39B = NA and DEPB_39C = NA and DEPB_39D = NA and DEPB_39E = NA	Not Applicable

1	DEPB_39B <= 14 or DEPB_39C = 2	2 weeks
2	15 <= DEPB_39B <= 21 or DEPB_39C = 3	3 weeks (15 to 21 days)
3	22 <= DEPB_39B <= 31 or DEPB_39C = 4 or DEPB_39D = 1	1 month
4	32 <= DEPB_39B <= 60 or 5 <= DEPB_39C <= 8 or DEPB_39D = 2	2 months
5	61 <= DEPB_39B <= 91 or 9 <= DEPB_39C <= 13 or DEPB_39D = 3	3 months
6	92 <= DEPB_39B <= 120 or 14 <= DEPB_39C <= 17 or DEPB_39D = 4	4 months
7	121 <= DEPB_39B <= 151 or 18 <= DEPB_39C <= 21 or DEPB_39D = 5	5 months
8	152 <= DEPB_39B <= 180 or 22 <= DEPB_39C <= 26 or DEPB_39D = 6	6 months
9	181 <= DEPB_39B <= 211 or 27 <= DEPB_39C <= 30 or DEPB_39D = 7	7 months
10	212 <= DEPB_39B <= 240 or 31 <= DEPB_39C <= 34 or DEPB_39D = 8	8 months
11	241 <= DEPB_39B <= 271 or 35 <= DEPB_39C <= 39 or DEPB_39D = 9	9 months
12	272 <= DEPB_39B <= 300 or 40 <= DEPB_39C <= 44 or DEPB_39D = 10	10 months
13	301 <= DEPB_39B <= 331 or 45 <= DEPB_39C <= 48 or DEPB_39D = 11	11 months
14	332 <= DEPB_39B <= 365 or 49 <= DEPB_39C <= 52 or DEPB_39D = 12 or DEPB_39E = 1	1 year
15	366 <= DEPB_39B <= 900 or 53 <= DEPB_39C <= 104 or 13 <= DEPB_39D <= 48 or 2 <= DEPB_39E <= 4	2 to 4 years
16	DEPB_39E > 4 and DEPB_39E < NA	5 years or more
NS	DEPB_39B = (DK, R, NS) or DEPB_39C = (DK, R, NS) or DEPB_39D = (DK, R, NS) or DEPB_39E = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

7) Major Depressive Episode - Lifetime Criterion A, Part 1

Variable name: DEPBDA1

Based on: DEPB_09, DEPB_12, DEPB_24A, DEPB_24B, DEPB_24C, DEPB_24D, DEPB_24E, DEPB_24F

Description: This variable identifies respondents who reported lifetime depressive symptoms that have been present during the same two-week period and at least one of the symptoms is either:

1. depressed mood or
2. loss of interest or pleasure.

Value of DEPBDA1	Condition(s)	Explanation
1	(DEPB_09 = 1 or DEPB_12 = 1) and (DEPB_24A = 1 or DEPB_24B = 1 or DEPB_24C = 1 or DEPB_24D = 1 or DEPB_24E = 1 or DEPB_24F = 1)	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 1. Respondent reported that symptoms were present during the same 2-week period and at least one of the symptoms was either depressed mood or loss of interest or pleasure.
2	(DEPB_09 = 2, NA) and (DEPB_12 = 2, NA) or (DEPB_24A = 2, NA) and (DEPB_24C = 2, NA) and (DEPB_24E = 2, NA) and (DEPB_24F = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 1. Respondent did not report that symptoms were present during the same 2-week period and at least one of the symptoms was either depressed mood or loss of interest or pleasure.
NS	(DEPB_09 = DK, R, NS) or (DEPB_12 = DK, R, NS) or (DEPB_24A = DK, R, NS) or (DEPB_24B = DK, R, NS) or (DEPB_24C = DK, R, NS) or (DEPB_24D = DK, R, NS) or (DEPB_24E = DK, R, NS) or (DEPB_24F = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8) Major Depressive Episode - Lifetime Criterion A, Part 2

Variable name: DEPBDA2

Based on: DEPBDA21, DEPBDA22, DEPBDA23, DEPBDA24, DEPBDA25, DEPBDA26, DEPBDA27, DEPBDA28, DEPBDA29

Description: This variable identifies whether respondents reported at least five of nine symptoms associated with depression. These symptoms need to represent a change from previous functioning. The symptoms are:

1. depressed mood;
2. diminished interest in hobbies or activities;
3. significant weight loss/gain or change in appetite;
4. insomnia or hypersomnia;
5. psychomotor agitation or retardation;
6. fatigue or loss of energy;
7. feelings of worthlessness;
8. diminished ability to think or concentrate; and
9. recurrent thoughts of death.

These symptoms are calculated below and then used to assess the criterion.

8a) Symptom 1 – Depressed Mood**Variable name:** DEPBDA21**Based on:** DEPB_24A, DEPB_24B, DEPB_24C, DEPB_24D**Description:** This variable identifies respondents who reported depressed mood most of the day.

Value of DEPBDA21	Condition(s)	Explanation
1	DEPB_24A = 1 or DEPB_24B = 1 or DEPB_24C = 1 or DEPB_24D = 1	Respondent reported depressed mood.
2	(DEPB_24A = 2, NA) and (DEPB_24C = 2, NA)	Respondent did not report depressed mood. Notes: DEPB_24B and DEPB_24D skipped if DEPB_24A and DEPB_24C = No.
NS	(DEPB_24A = DK, R, NS) or (DEPB_24B = DK, R, NS) or (DEPB_24C = DK, R, NS) or (DEPB_24D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8b) Symptom 2 – Diminished Interest or Pleasure in Most Activities**Variable name:** DEPBDA22**Based on:** DEPB_24E, DEPB_24F**Description:** This variable identifies respondents who reported markedly diminished interest or pleasure in all, or almost all, activities or hobbies most of the day, nearly every day.

Value of DEPBDA22	Condition(s)	Explanation
1	DEPB_24E = 1 or DEPB_24F = 1	Respondent reported diminished interest or pleasure in most activities.
2	(DEPB_24E = 2, NA) and (DEPB_24F = 2, NA)	Respondent did not report diminished interest or pleasure in most activities.
NS	(DEPB_24E = DK, R, NS) or (DEPB_24F = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8c) Symptom 3 – Significant Weight Loss/Gain or Change in Appetite**Variable name:** DEPBDA23**Based on:** DEPB_26A, DEPB_26B, DEPB_26C, DEPB_261, DEPB_26D, DEPB_262, DEPB_26E, DEPB_263, DEPB_26F, DEPB_264**Description:** This variable identifies respondents who reported a significant weight loss when not dieting or weight gain, or decrease or increase in appetite nearly every day. A significant weight change is defined as 10 pounds/4 kg. Weight gain due to pregnancy and weight loss due to illness are excluded.

Value of DEPDA23	Condition(s)	Explanation
1	DEPB_26A = 1 or DEPB_26B = 1 or (DEPB_26C = 1 and DEPB_261 = 2 and 10 <= DEPB_26D <= 300 and DEPB_262 = 1) or (DEPB_26C = 1 and DEPB_261 = 2 and 4 <= DEPB_26D <= 300 and DEPB_262 = 2) or (DEPB_26E = 1 and DEPB_263 = 2 and 10 <= DEPB_26F <= 300 and DEPB_264 = 1) or (DEPB_26E = 1 and DEPB_263 = 2 and 4 <= DEPB_26F <= 300 and DEPB_264 = 2)	Respondent reported significant weight loss or gain or a change in appetite.
2	(DEPB_26A = 2, NA) and (DEPB_26B = 2, NA) and [(DEPB_26C = 2, NA) and (DEPB_26E = 2, NA) or DEPB_261 = 1 or (DEPB_26D < 10 and DEPB_262 = 1) or (DEPB_26D < 4 and DEPB_262 = 2) or DEPB_263 = 1 or (DEPB_26F < 10 and DEPB_264 = 1) or (DEPB_26F < 4 and DEPB_264 = 2)]	Respondent did not report significant weight loss or gain or a change in appetite.
NS	(DEPB_26A = DK, R, NS) or (DEPB_26B = DK, R, NS) or (DEPB_26C = DK, R, NS) or (DEPB_261 = DK, R, NS) or (DEPB_26D = DK, R, NS) or (DEPB_26E = DK, R, NS) or (DEPB_263 = DK, R, NS) or (DEPB_26F = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8d) Symptom 4 – Insomnia or Hypersomnia

Variable name: DEPDA24

Based on: DEPB_26G, DEPB_26H

Description: This variable identifies respondents who reported insomnia (trouble falling asleep, staying asleep or waking too early) or hypersomnia (sleeping more than usual) associated with depression.

Value of DEPDA24	Condition(s)	Explanation
1	DEPB_26G = 1 or DEPB_26H = 1	Respondent reported insomnia or hypersomnia.
2	(DEPB_26G = 2, NA) and (DEPB_26H = 2, NA)	Respondent did not report insomnia or hypersomnia.

NS	(DEPB_26G = DK, R, NS) or (DEPB_26H = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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8e) Symptom 5 – Psychomotor Agitation or Retardation

Variable name: DEPBDA25

Based on: DEPB_26M, DEPB_26O

Description: This variable identifies respondents who reported psychomotor agitation (e.g. restlessness) or retardation (e.g. talking or moving slowly) that is observable by others.

Value of DEPBDA25	Condition(s)	Explanation
1	DEPB_26M = 1 or DEPB_26O = 1	Respondent reported psychomotor agitation or retardation.
2	(DEPB_26M = 2, NA) and (DEPB_26O = 2, NA)	Respondent did not report psychomotor agitation and retardation.
NS	(DEPB_26M = DK, R, NS) or (DEPB_26O = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8f) Symptom 6 – Fatigue or Loss of Energy

Variable name: DEPBDA26

Based on: DEPB_26J

Description: This variable identifies respondents who reported fatigue or loss of energy nearly every day.

Value of DEPBDA26	Condition(s)	Explanation
1	DEPB_26J = 1	Respondent reported fatigue or loss of energy.
2	(DEPB_26J = 2, NA)	Respondent did not report fatigue and loss of energy.
NS	(DEPB_26J = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

8g) Symptom 7 – Feelings of Worthlessness

Variable name: DEPBDA27

Based on: DEPB_26V

Description: This variable identifies respondents who reported feelings of worthlessness nearly every day.

Value of DEPBDA27	Condition(s)	Explanation
1	DEPB_26V = 1	Respondent reported feelings of worthlessness.
2	(DEPB_26V = 2, NA)	Respondent did not report feelings of worthlessness.
NS	(DEPB_26V = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

8h) Symptom 8 – Diminished Ability to Think or Concentrate**Variable name:** DEPBDA28**Based on:** DEPB_26P, DEPB_26R, DEPB_26S**Description:** This variable identifies respondents who reported diminished ability to think or concentrate nearly every day.

Value of DEPBDA28	Condition(s)	Explanation
1	DEPB_26P = 1 or DEPB_26R = 1 or DEPB_26S = 1	Respondent reported diminished ability to think or concentrate.
2	(DEPB_26P = 2, NA) and (DEPB_26R = 2, NA) and (DEPB_26S = 2, NA)	Respondent did not report diminished ability to think and concentrate.
NS	(DEPB_26P = DK, R, NS) or (DEPB_26R = DK, R, NS) or (DEPB_26S = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8i) Symptom 9 – Recurrent Thoughts of Death**Variable name:** DEPBDA29**Based on:** DEPB_6A, DEPB_6B, DEPB_6C**Description:** This variable identifies respondents who reported recurrent thoughts of death.

Value of DEPBDA29	Condition(s)	Explanation
1	DEPB_6A = 1 or DEPB_6B = 1 or DEPB_6C = 1	Respondent reported recurrent thoughts of death.
2	(DEPB_6A = 2, NA) and (DEPB_6B = 2, NA) and (DEPB_6C = 2, NA)	Respondent did not report recurrent thoughts of death.
NS	(DEPB_6A = DK, R, NS) or (DEPB_6B = DK, R, NS) or (DEPB_6C = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Assessing Criterion A, Part 2

Value of DEPBDA2	Condition(s)	Explanation
1	At least 5 of (DEPBDA21, DEPBDA22, DEPBDA23, DEPBDA24, DEPBDA25, DEPBDA26, DEPBDA27, DEPBDA28 or DEPBDA29) = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 2. Respondent reported at least five symptoms associated with depression which represent a change from previous functioning.
2	At least 5 of (DEPBDA21, DEPBDA22, DEPBDA23, DEPBDA24, DEPBDA25, DEPBDA26, DEPBDA27, DEPBDA28 or DEPBDA29) = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 2. Respondent did not report at least five symptoms associated with depression.

NS	DEPBDA21 = NS or DEPBDA22 = NS or DEPBDA23 = NS or DEPBDA24 = NS or DEPBDA25 = NS or DEPBDA26 = NS or DEPBDA27 = NS or DEPBDA28 = NS or DEPBDA29 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.
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9) Major Depressive Episode - Lifetime Criterion A (Parts 1 and 2 Combined)

Variable name: DEPBDA

Based on: DEPBDA1, DEPBDA2

Description: This variable identifies whether the respondent meets lifetime Criterion A of the CCHS1.2/WMH-CIDI algorithm. The criterion is met if the respondent reported:

1. a period of two weeks or longer of depressed mood or loss of interest or pleasure; and
2. at least five symptoms associated with depression which represents a change in functioning.

Value of DEPBDA	Condition(s)	Explanation
1	DEPBDA1 = 1 and DEPBDA2 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A. Respondent reported a period of two weeks or longer of depressed mood or loss of interest or pleasure and at least five symptoms associated with depression.
2	DEPBDA1 = 2 or DEPBDA2 = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion A. Respondent did not report a period of two weeks or longer of depressed mood or loss of interest or pleasure, or did not report five symptoms associated with depression.
NS	DEPBDA1 = NS or DEPBDA2 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

10) Major Depressive Episode - Lifetime Criterion C, Part 1

Variable name: DEPBDC1

Based on: DEPB_17, DEPB_18, DEPB_19, DEPB_24B

Description: This variable identifies respondents who reported that their lifetime depressive symptoms caused clinically significant distress.

Value of DEPBDC1	Condition(s)	Explanation
1	(DEPB_17 = 2, 3, 4) or (DEPB_18 = 1, 2) or (DEPB_19 = 1, 2, 3) or DEPB_24B = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion C, Part 1. Respondent reported that the symptoms cause clinically significant distress.

2	(DEPB_17 = 1, NA) and (DEPB_18 = 3, 4, NA) and (DEPB_19 = 4, NA) and (DEPB_24B = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion C, Part 1. Respondent did not report that the symptoms cause clinically significant distress.
NS	(DEPB_17 = DK, R, NS) or (DEPB_18 = DK, R, NS) or (DEPB_19 = DK, R, NS) or (DEPB_21 = DK, R, NS) or (DEPB_24B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

11) Major Depressive Episode - Lifetime Criterion C, Part 2

Variable name: DEPBDC2

Based on: DEPB_19, DEPB_28, DEPB_281, DEPB_28A, DEPB_68, DEPBD664

Description: This variable identifies respondents who reported that their lifetime depressive symptoms caused impairment in social, occupational or other important areas of functioning.

11a) Social and Occupational Interference

Variable name: DEPBD664

Based on: DEPB_66A, DEPB_661, DEPB_662, DEPB_66C, DEPB_66D

Description: This variable identifies whether, during the period of a month or longer in the 12 months prior to the interview when the symptoms were most severe, the respondent's depressive feelings significantly interfered with their home responsibilities, responsibilities at school or work, his/her ability to form and maintain close relationships, or his/her social life.

Value of DEPBD664	Condition(s)	Explanation
1	4 <= DEPB_66A <= 10 or 4 <= DEPB_661 <= 10 or 4 <= DEPB_662 <= 10 or 4 <= DEPB_66C <= 10 or 4 <= DEPB_66D <= 10	The respondent experienced significant interference in home, work, or school responsibilities, or his/her ability to form and maintain close relationships, or his/her social life.
2	[0 <= DEPB_66A <= 3 or DEPB_66A = NA] and [0 <= DEPB_661 <= 3 or (DEPB_661 = 11, NA)] and [0 <= DEPB_662 <= 3 or (DEPB_662 = 11, NA)] and [0 <= DEPB_66C <= 3 or DEPB_66C = NA] and [0 <= DEPB_66D <= 3 or DEPB_66D = NA]	The respondent did not experience significant interference with home, work, and school responsibilities and his/her ability to form and maintain close relationships and in their social life.
NS	(DEPB_66A = DK, R, NS) or (DEPB_661 = DK, R, NS) or (DEPB_662 = DK, R, NS) or (DEPB_66C = DK, R, NS) or (DEPB_66D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Assessing Criterion C, Part 2

Value of DEPBDC2	Condition(s)	Explanation
1	(DEPB_19 = 1, 2, 3) or (DEPB_28 = 3, 4, 5) or (DEPB_281 = 3, 4, 5) or (DEPB_28A = 1, 2, 3) or DEPBD664 = 1 or 5 <= DEPB_68 < NA	Respondent meets lifetime Criterion C, Part 2. Respondent reported the symptoms caused impairment in social, occupational or other important areas of functioning.
2	(DEPB_19 = 4, NA) and (DEPB_28 = 1 or DEPB_281 = 1 or DEPB_28 = 2 and DEPB_28A = 4 or DEPB_281 = 2 and DEPB_28A = 4 or DEPB_28 = NA and DEPB_281 = NA) and [((DEPB_38 = 2, NA) or DEPBD664 = 2) and (0 <= DEPB_68 < 5 or DEPB_68 = NA)]	Respondent does not meet lifetime Criterion C, Part 2. Respondent did not report impairment in social, occupational nor other important areas of functioning.
NS	(DEPB_19 = DK, R, NS) or (DEPB_28 = DK, R, NS) or (DEPB_281 = DK, R, NS) or (DEPB_28A = DK, R, NS) or DEPBD664 = NS or (DEPB_68 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation or respondent has a non-response (not stated) value in the derived variable required for calculation.

12) Major Depressive Episode - Lifetime Criterion C (Parts 1 and 2 Combined)**Variable name:** DEPBDC**Based on:** DEPBDC1, DEPBDC2**Description:** This variable identifies whether the respondent meets Criterion C of the CCHS 1.2/WMH-CIDI algorithm for lifetime episode. The criterion is met if the respondent reported:

1. the symptoms caused clinically significant distress; or
2. the symptoms caused impairment in social, occupational or other important areas of functioning.

Value of DEPBDC	Condition(s)	Explanation
1	DEPBDC1 = 1 or DEPBDC2 = 1	Respondent meets lifetime Criterion C. Respondent reported the symptoms caused clinically significant distress or impairment.
2	DEPBDC1 = 2 and DEPBDC2 = 2	Respondent does not meet Criterion C. Respondent did not report the symptoms caused clinically significant distress or impairment.
NS	DEPBDC1 = NS or DEPBDC2 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

13) Major Depressive Episode - Lifetime Criterion E, Part 1

Variable name: DEPBDE1

Based on: DEPB_30, DEPB_30A

Description: Criterion E, part 1 is that the lifetime major depressive episodes were not always accounted for by bereavement (e.g. preceded by the death of someone close). This variable identifies respondents who reported that their symptoms were not always preceded by the death of someone close.

Value of DEPBDE1	Condition(s)	Explanation
1	DEPB_30 = 2 or DEPB_30A = 2	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion E, Part 1. Respondent did not report that symptoms were always associated with bereavement.
2	(DEPB_30A = 1, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion E, Part 1. Respondent reported symptoms were always associated with bereavement or were not asked the questions.
NS	(DEPB_30 = DK, R, NS) or (DEPB_30A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

14) Major Depressive Episode - Lifetime Criterion E, Part 2

Variable name: DEPBDE2

Based on: DEPBDE21, DEPBDE22, DEPBDE23, DEPBDE24, DEPBDE25, DEPBDE26

Description: Criterion E, part 2 is that if a bereavement exists, people who are suffering from a major depressive episode (and not bereavement) will have the symptoms last longer than two months. This variable identifies respondents who reported a lifetime depressive episode that lasted more than two months. To assess this, a variable is first created for each episode (e.g. worst, first, 12-month, most recent, longest) to determine whether it exceeded two months.

14a) Worst Depressive Episode Longer Than Two Months

Variable name: DEPBDE21

Based on: DEPB_22B, DEPB_22C, DEPB_22D, DEPB_22E

Description: This variable identifies respondents who reported a worst depressive episode that lasted longer than two months.

Value of DEPBDE21	Condition(s)	Explanation
1	(DEPB_22B = 1 and 60 < DEPB_22C <= 900) or (DEPB_22B = 2 and 8 < DEPB_22D <= 104) or (DEPB_22B = 3 and 2 < DEPB_22E <= 36) or DEPB_22B = 4	Respondent reported a worst depressive episode lasting longer than two months.

2	(DEPB_22B = 1 and 0 <= DEPB_22C <= 60) or (DEPB_22B = 2 and 0 <= DEPB_22D <= 8) or (DEPB_22B = 3 and 0 <= DEPB_22E <= 2) or DEPB_22B = NA	Respondent did not report a worst depressive episode lasting longer than two months.
NS	(DEPB_22B = DK, R, NS) or (DEPB_22C = DK, R, NS) or (DEPB_22D = DK, R, NS) or (DEPB_22E = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

14b) Most Recent Depressive Episode Longer Than Two Months

Variable name: DEPBDE22

Based on: DEPB_23B, DEPB_23C, DEPB_23D, DEPB_23E

Description: This variable identifies respondents who reported a most recent depressive episode lasting longer than two months.

Value of DEPBDE22	Condition(s)	Explanation
1	(DEPB_23B = 1 and 60 < DEPB_23C <= 900) or (DEPB_23B = 2 and 8 < DEPB_23D <= 104) or (DEPB_23B = 3 and 2 < DEPB_23E <= 36) or DEPB_23B = 4	Respondent reported a most recent depressive episode lasting longer than two months.
2	(DEPB_23B = 1 and 0 <= DEPB_23C <= 60) or (DEPB_23B = 2 and 0 <= DEPB_23D <= 8) or (DEPB_23B = 3 and 0 <= DEPB_23E <= 2) or DEPB_23B = NA	Respondent did not report a most recent depressive episode lasting longer than two months.
NS	(DEPB_23B = DK, R, NS) or (DEPB_23C = DK, R, NS) or (DEPB_23D = DK, R, NS) or (DEPB_23E = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

14c) First Depressive Episode Longer Than Two Months

Variable name: DEPBDE23

Based on: DEPB_7CA, DEPB_7CB, DEPB_7CC, DEPB_7CD

Description: This variable identifies respondents who reported a very first depressive episode lasting longer than two months.

Value of DEPBDE23	Condition(s)	Explanation
1	(DEPB_7CA = 1 and 60 < DEPB_7CB <= 900) or (DEPB_7CA = 2 and 8 < DEPB_7CC <= 104) or (DEPB_7CA = 3 and 2 < DEPB_7CD <= 36) or DEPB_7CA = 4	Respondent reported a first depressive episode lasting longer than two months.

2	(DEPB_7CA = 1 and 0 <= DEPB_7CB <= 60) or (DEPB_7CA = 2 and 0 <= DEPB_7CC <= 8) or (DEPB_7CA = 3 and 0 <= DEPB_7CD <= 2) or DEPB_7CA = NA	Respondent did not report a first depressive episode lasting longer than two months.
NS	(DEPB_7CA = DK, R, NS) or (DEPB_7CB = DK, R, NS) or (DEPB_7CC = DK, R, NS) or (DEPB_7CD = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

14d) Single 12-Month Depressive Episode Longer Than Two Months

Variable name: DEPBDE24

Based on: DEPB_8AA, DEPB_8AB, DEPB_8AC, DEPB_8AD

Description: This variable identifies respondents who reported a single 12-month depressive episode lasting longer than two months.

Value of DEPBDE24	Condition(s)	Explanation
1	(DEPB_8AA = 1 and 60 < DEPB_8AB <= 900) or (DEPB_8AA = 2 and 8 < DEPB_8AC <= 104) or (DEPB_8AA = 3 and 2 < DEPB_8AD <= 36) or DEPB_8AA = 4	Respondent reported a single 12-month depressive episode lasting longer than two months.
2	(DEPB_8AA = 1 and 0 <= DEPB_8AB <= 60) or (DEPB_8AA = 2 and 0 <= DEPB_8AC <= 8) or (DEPB_8AA = 3 and 0 <= DEPB_8AD <= 2) or DEPB_8AA = NA	Respondent did not report a single 12-month depressive episode lasting longer than two months.
NS	(DEPB_8AA = DK, R, NS) or (DEPB_8AB = DK, R, NS) or (DEPB_8AC = DK, R, NS) or (DEPB_8AD = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

14e) Most Recent 12 Month Depressive Episode Longer Than Two Months

Variable name: DEPBDE25

Based on: DEPB_8BA, DEPB_8BB, DEPB_8BC, DEPB_8BD

Description: This variable identifies respondents who reported a most recent 12-month depressive episode lasting longer than two months.

Value of DEPBDE25	Condition(s)	Explanation
1	(DEPB_8BA = 1 and 60 < DEPB_8BB <= 900) or (DEPB_8BA = 2 and 8 < DEPB_8BC <= 104) or (DEPB_8BA = 3 and 2 < DEPB_8BD <= 36) or DEPB_8BA = 4	Respondent reported a most recent 12-month depressive episode lasting longer than two months.

2	(DEPB_8BA = 1 and 0 <= DEPB_8BB <= 60) or (DEPB_8BA = 2 and 0 <= DEPB_8BC <= 8) or (DEPB_8BA = 3 and 0 <= DEPB_8BD <= 2) or DEPB_8BA = NA	Respondent did not report a most recent 12-month depressive episode lasting longer than two months.
NS	(DEPB_8BA = DK, R, NS) or (DEPB_8BB = DK, R, NS) or (DEPB_8BC = DK, R, NS) or (DEPB_8BD = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

14f) Longest Depressive Episode Longer Than Two Months

Variable name: DEPBDE26

Based on: DEPB_39A, DEPB_39B, DEPB_39C, DEPB_39D

Description: This variable identifies respondents who reported a longest major depressive episode lasting longer than two months.

Value of DEPBDE26	Condition(s)	Explanation
1	(DEPB_39A = 1 and 60 < DEPB_39B <= 900) or (DEPB_39A = 2 and 8 < DEPB_39C <= 104) or (DEPB_39A = 3 and 2 < DEPB_39D <= 36) or DEPB_39A = 4	Respondent reported a longest depressive episode lasting longer than two months.
2	(DEPB_39A = 1 and 0 <= DEPB_39B <= 60) or (DEPB_39A = 2 and 0 <= DEPB_39C <= 8) or (DEPB_39A = 3 and 0 <= DEPB_39D <= 2) or DEPB_39A = NA	Respondent did not report a longest depressive episode lasting longer than two months.
NS	(DEPB_39A = DK, R, NS) or (DEPB_39B = DK, R, NS) or (DEPB_39C = DK, R, NS) or (DEPB_39D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Assessing Criterion E, Part 2

Value of DEPBDE2	Condition(s)	Explanation
1	DEPBDE21 = 1 or DEPBDE22 = 1 or DEPBDE23 = 1 or DEPBDE24 = 1 or DEPBDE25 = 1 or DEPBDE26 = 1	Respondent meets lifetime Criterion E, Part 2. Respondent reported a depressive episode lasting more than two months.
2	DEPBDE21 = 2 and DEPBDE22 = 2 and DEPBDE23 = 2 and DEPBDE24 = 2 and DEPBDE25 = 2 and DEPBDE26 = 2	Respondent does not meet lifetime Criterion E, Part 2. Respondent did not report a depressive episode lasting more than two months.

NS	DEPBDE21 = NS or DEPBDE22 = NS or DEPBDE23 = NS or DEPBDE24 = NS or DEPBDE25 = NS or DEPBDE26 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.
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15) Major Depressive Episode - Lifetime Criterion E, Part 3

Variable name: DEPBDE3

Based on: DEPBDE3A, DEPBDE3B, DEPBDE3C, DEPBDE3E

Description: Criterion E, part 3 is that if bereavement exists, people who are suffering from a major depressive episode (and not bereavement) will have lifetime symptoms that are characterized by:

1. a marked functional impairment;
2. a morbid preoccupation with worthlessness;
3. suicidal ideation; and
4. psychomotor retardation.

To assess this, variables are first created for the different components.

15a) Social and Occupational Interference

Variable name: DEPBD667

Based on: DEPB_66A, DEPB_661, DEPB_662, DEPB_66C, DEPB_66D

Description: This variable identifies respondents who reported that feelings associated with depression significantly interfered with home, school or work responsibilities, his/her ability to form and maintain close relationships, or his/her social life.

Value of DEPBD667	Condition(s)	Explanation
1	7 <= DEPB_66A <= 10 or 7 <= DEPB_661 <= 10 or 7 <= DEPB_662 <= 10 or 7 <= DEPB_66C <= 10 or 7 <= DEPB_66D <= 10	The respondent experienced significant interference in home, work, or school responsibilities, or his/her ability to form and maintain close relationships, or his/her social life.
2	(0 <= DEPB_66A <= NA or DEPB_66A = NA) and [0 <= DEPB_661 <= NA or (DEPB_661 = 11, NA)] and [0 <= DEPB_662 <= NA or (DEPB_662 = 11, NA)] and (0 <= DEPB_66C <= NA or DEPB_66C = NA) and (0 <= DEPB_66D <= NA or DEPB_66D = NA)	The respondent did not experience significant interference with home, work, and school responsibilities and his/her ability to form and maintain close relationships and in his/her social life..
NS	(DEPB_66A = DK, R, NS) or (DEPB_661 = DK, R, NS) or (DEPB_662 = DK, R, NS) or (DEPB_66C = DK, R, NS) or (DEPB_66D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

15b) Functional Impairment

Variable name: DEPBDE3A

Based on: DEPB_19, DEPB_28, DEPB_281, DEPB_28A, DEPBD667, DEPB_68

Description: This variable identifies respondents who reported a marked functional impairment associated with depression.

Value of DEPBDE3A	Condition(s)	Explanation
1	DEPB_19 = 1 or (DEPB_28 = 4, 5) or (DEPB_281 = 4, 5) or (DEPB_28A = 1, 2) or DEPBD667 = 1 or 10 <= DEPB_68 < NA	Respondent reported marked functional impairment associated with depression.
2	(DEPB_19 = 2, 3, 4, NA) and ((DEPB_28 = 1 or (DEPB_28 = 2, 3) and (DEPB_28A = 3, 4)) or (DEPB_281 = 1 or (DEPB_281 = 2, 3) and (DEPB_28A = 3, 4)) or DEPB_28 = NA and DEPB_281 = NA) and DEPBD667 = 2 and (DEPB_68 < 10 or DEPB_68 = NA)	Respondent did not report marked functional impairment associated with depression.
NS	(DEPB_19 = DK, R, NS) or (DEPB_28 = DK, R, NS) or (DEPB_281 = DK, R, NS) or (DEPB_28A = DK, R, NS) or (DEPBD667 = DK, R, NS) or (DEPB_68 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation or respondent has a non-response (not stated) value in the derived variable required for calculation.

15c) Preoccupation With Worthlessness

Variable name: DEPBDE3B

Based on: DEPB_26V

Description: This variable identifies respondents who reported preoccupation with worthlessness associated with depression.

Value of DEPBDE3B	Condition(s)	Explanation
1	DEPB_26V = 1	Respondent reported preoccupation with worthlessness.
2	(DEPB_26V = 2, NA)	Respondent did not report preoccupation with worthlessness.
NS	(DEPB_26V = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

15d) Suicidal Ideation

Variable name: DEPBDE3C

Based on: DEPB_A

Description: This variable identifies respondents who reported suicidal ideation.

Value of DEPBDE3C	Condition(s)	Explanation
1	DEPB_A = 1	Respondent reported suicidal ideation.
2	(DEPB_A = 2, NA)	Respondent did not report suicidal ideation.
NS	(DEPB_A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

15e) Psychomotor Retardation**Variable name:** DEPBDE3E**Based on:** DEPB_26L, DEPB_26M**Description:** This variable identifies respondents who reported psychomotor retardation associated with depression.

Value of DEPBDE3E	Condition(s)	Explanation
1	DEPB_26L = 1 or DEPB_26M = 1	Respondent reported psychomotor retardation.
2	(DEPB_26L = 2, NA)	Respondent did not report psychomotor retardation. Note: If DEPB_26L is No (2), DEPB_26M is skipped
NS	(DEPB_26L = DK, R, NS) or (DEPB_26M = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Assessing Criterion E, Part 3

Value of DEPBDE3	Condition(s)	Explanation
1	DEPBDE3A = 1 or DEPBDE3B = 1 or DEPBDE3C = 1 or DEPBDE3E = 1	Respondent meets lifetime Criterion E, Part 3. Respondent reported a marked functional impairment; a preoccupation with worthlessness; suicidal ideation; or psychomotor retardation associated with depression.
2	DEPBDE3A = 2 and DEPBDE3B = 2 and DEPBDE3C = 2 and DEPBDE3E = 2	Respondent does not meet lifetime Criterion E, Part 3. Respondent did not report a marked functional impairment; a preoccupation with worthlessness; suicidal ideation; nor psychomotor retardation.
NS	DEPBDE3A = NS or DEPBDE3B = NS or DEPBDE3C = NS or DEPBDE3E = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

16) Major Depressive Episode - Lifetime Criterion E (Parts 1, 2, 3 Combined)**Variable name:** DEPBDE**Based on:** DEPBDE1, DEPBDE2, DEPBDE3**Description:** This variable identifies whether the respondent meets lifetime Criterion E of the CCHS 1.2/WMH-CIDI algorithm. The criterion is met if the respondent reported:

1. that their depressive episodes were not all associated with bereavement (e.g. occurred just after someone close died); or
2. they experienced a depressive episode lasting longer than two months; or
3. an episode was characterised by a marked functional impairment, a preoccupation with worthlessness, suicidal ideation, or psychomotor retardation.

Value of DEPBDE	Condition(s)	Explanation
1	DEPBDE1 = 1 or DEPBDE2 = 1 or DEPBDE3 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion E. Respondent reported (1) the episodes are not all associated with bereavement; or (2) the symptoms lasted more than two months; or (3) the symptoms are characterised by marked functional impairment, preoccupation with worthlessness, suicidal ideation, or psychomotor retardation.
2	DEPBDE1 = 2 and DEPBDE2 = 2 and DEPBDE3 = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion E. Respondent reported (1) bereavement; and (2) no episode lasting more than two months; and (3) the symptoms are not characterised by a marked functional impairment, morbid preoccupation with worthlessness, suicidal ideation, or psychomotor retardation.
NS	DEPBDE1 = NS or DEPBDE2 = NS or DEPBDE3 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

17) Major Depressive Episode - Lifetime Algorithm

Variable name: DEPBDDPS

Based on: DEPBDA, DEPBDC, DEPBDE

Description: This is the final variable that identifies whether respondents meet or fail to meet the CCHS 1.2/WMH-CIDI criteria for lifetime major depressive episode. Respondents who meet the criteria reported:

1. two weeks or longer of depressed mood or loss of interest or pleasure and at least five symptoms associated with depression which represent a change in functioning;
2. that symptoms cause clinically significant distress or impairment in social, occupational or other important areas of functioning; and
3. that symptoms are not better accounted for by bereavement or symptoms last more than two months or the symptoms are characterised by a marked functional impairment, preoccupation with worthlessness, suicidal ideation, or psychomotor retardation.

Value of DEPBDDPS	Condition(s)	Explanation
1	DEPBDA = 1 and DEPBDC = 1 and DEPBDE = 1	Respondent meets CCHS 1.2/WMH-CIDI criteria for lifetime major depressive disorder.
2	DEPBDA = 2 or DEPBDC = 2 or DEPBDE = 2	Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for lifetime major depressive disorder.
NS	DEPBDA = NS or DEPBDC = NS or DEPBDE = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

18) Major Depressive Episode – Age of Onset – Grouped

Variable name: DEPBGON

Based on: DEPB_22, DEPB_22A, DEPB_23A, DEPB_37A, DEPB_37B, DEPBDDPS

Description: The age of onset for major depressive episode is the respondent's age at the start of their first reported major depressive episode. The variable is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for major depressive disorder.

In order to ensure individuals were not identifiable, records have been collapsed into groups of "age of onset". See data dictionary.

Value of DEPBGON	Condition(s)	Explanation
NA	(DEPBDDPS = 2)	Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for a major depressive episode.
NS	(DEPB_37B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
Minimum value of (DEPB_22A, DEPB_37A, DEPB_37B) (min: 0; max: Current age)	DEPBDDPS = 1 and DEPB_22 = 1 and (DEPB_22A < 996 or DEPB_37A < 996 or DEPB_37B < 996)	The respondent's age at first depressive episode.
Minimum value of (DEPB_23A, DEPB_37A, DEPB_37B) (min: 0; max: Current age)	DEPBDDPS = 1 and (DEPB_22 = 2, DK, R, NS) and (DEPB_23A < NA or DEPB_37A < NA or DEPB_37B < NA)	The respondent's age at first depressive episode.
NS	DEPBDDPS = NS or (DEPB_22 = DK, R, NS) or (DEPB_22A = DK, R, NS) or (DEPB_23A = DK, R, NS) or (DEPB_37B = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

19) Major Depressive Episode – Recency Age – Grouped

Variable name: DEPBGREC

Based on: DEPB_22A, DEPB_23A, DEPB_37A, DEPB_38, DEPB_38C, DEPBDDPS, DHHB_AGE

Description: This variable identifies the respondent's age at their most recent major depressive episode. The variable is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for major depressive episode.

In order to ensure individuals were not identifiable, records have been collapsed into age groupings. See data dictionary.

Value of DEPBGREC	Condition(s)	Explanation
NA	(DEPBDDPS = 2)	Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for a major depressive episode.
NS	(DEPB_23A = DK, R, NS) and (DEPB_38C = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
DHHB_AGE	DEPB_38 = 1 and DEPBDDPS = 1	Recency age is current age.

Maximum value of (DEPB_22A, DEPB_23A, DEPB_37A, DEPB_37B, DEPB_38C) (min: 0; max: Current age)	DEPBDDPS = 1 and (DEPB_38 = 2, DK, R) and (DEPB_22A < NA or DEPB_23A < NA or DEPB_37A < NA or DEPB_37B < NA or DEPB_38C < NA)	Recency age is most recent age reported of all major depressive episodes.
NS	DEPBDDPS = NS or (DEPB_22A = DK, R, NS) or (DEPB_23A = DK, R, NS) or (DEPB_37A = DK, R, NS) or (DEPB_37B = DK, R, NS) or (DEPB_38C = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

20) Major Depressive Episode – Persistence of Depression – Grouped

Variable name: DEPBGP

Based on: DEPB22B, DEPB23B, DEPB7CA, DEPB8AA, DEPB8BA, DEPB39A, DEPBDDPS

Description: This variable identifies the longest episode associated with depression experienced by the respondent. It is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a major depressive episode.

In order to ensure individuals were not identifiable, records have been collapsed into groupings of duration periods. See data dictionary.

Value of DEPBGP	Condition(s)	Explanation
NA	(DEPBDDPS = 2)	Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for a major depressive episode.
NS	DEPB39A = NS	Respondent did not answer (not stated) the intended 'Longest Episode' indicator
Maximum of (DEPB22B, DEPB23B, DEPB7CA, DEPB8AA, DEPB8BA, DEPB39A) Min.: 0 Max: current age	DEPBDDPS = 1 and (DEPB22B < NA or DEPB23B < NA or DEPB7CA < NA or DEPB8AA < NA or DEPB8BA < NA or DEPB39A < NA)	Duration of the respondent's longest major depressive episode. Minimum of 2 weeks, up to a maximum of 5 years or longer.
NS	DEPBDDPS = NS DEPB22B = NS or DEPB23B = NS or DEPB7CA = NS or DEPB8AA = NS or DEPB8BA = NS or DEPB39A = NS	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Major Depressive Episode – Past 12 Months

21) Major Depressive Episode, Past 12 Months - Criterion A

Variable name: DEPBDA

Based on: DEPBDDPS

Description: This variable identifies respondents who meet the CCHS 1.2/WMH-CIDI criteria for lifetime major depressive episode.

Value of DEPBDYA	Condition(s)	Explanation
1	DEPBDDPS = 1	Respondent met CCHS 1.2/WMH-CIDI Criterion A for past 12 month major depressive episode Respondent met the criteria for lifetime major depressive episode.
2	DEPBDDPS = 2	Respondent does not meet past 12 month CCHS 1.2/WMH-CIDI Criterion A. Respondent did not meet criteria for lifetime major depressive episode.
NS	DEPBDDPS = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.

22) Major Depressive Episode, Past 12 Months - Criterion B

Variable name: DEPBDYB

Based on: DEPB_22A, DEPB_23A, DEPB_37A, DEPB_37B, DEPB_38, DEPB_38C, DHHB_AGE

Description: This variable identifies respondents who reported having a major depressive episode in the 12 months prior to the interview.

Value of DEPBDYB	Condition(s)	Explanation
1	DEPB_38 = 1 or DEPB_22A = DHHB_AGE or DEPB_23A = DHHB_AGE or DEPB_37A = DHHB_AGE or DEPB_37B = DHHB_AGE or DEPB_38C = DHHB_AGE	Respondent meets CCHS 1.2/WMH-CIDI Criterion B for past 12 month major depressive disorder. Respondent reported having a major depressive episode in the 12 months prior to the interview.
2	(DEPB_38 = 2, NA) and DEPB_22A < DHHB_AGE or DEPB_22A = NA and DEPB_23A < DHHB_AGE or DEPB_23A = NA and DEPB_37A < DHHB_AGE or DEPB_37A = NA and DEPB_37B < DHHB_AGE or DEPB_37B = NA and DEPB_38C < DHHB_AGE or DEPB_38C = NA	Respondent does not meet past 12 month CCHS 1.2/WMH-CIDI Criterion B. Respondent did not report having a major depressive episode in the 12 months prior to the interview.
NS	(DEPB_38 = DK, R, NS) or (DEPB_22A = DK, R, NS) or (DEPB_23A = DK, R, NS) or (DEPB_37A = DK, R, NS) or (DEPB_37B = DK, R, NS) or (DEPB_38C = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

23) Major Depressive Episode, Past 12 Months - Criterion C

Variable name: DEPBDYC

Based on: DEPB_64A, DEPB_64B, DEPB_64C, DEPB_65A, DEPB_65B, DEPB_65C, DEPB_65D, DEPB_66A, DEPB_661, DEPB_662, DEPB_66C, DEPB_66D, DEPB_68, DEPB_86

Description: This variable identifies respondents who reported symptoms that cause clinically significant distress or impairment in social, occupational or other important areas of functioning in the 12 months prior to interview.

Value of DEPBDDYC	Condition(s)	Explanation
1	[DEPB_64A = 3, 4) or (DEPB_64B = 1, 2) or (DEPB_64C = 3, 4) or (DEPB_65A = 3, 4) or (DEPB_65B = 3, 4) or (DEPB_65C = 3, 4) or (DEPB_65D = 3, 4)] or (4 <= DEPB_66A <= 10 or 4 <= DEPB_661 <= 10 or 4 <= DEPB_662 <= 10 or 4 <= DEPB_66C <= 10 or 4 <= DEPB_66D <= 10 or 5 <= DEPB_68 <= 365 or DEPB_86 = 1)	Respondent meets CCHS 1.2/WMH-CIDI Criterion C of past 12 month major depressive episode. Respondent reported clinically significant distress or impairment in social, occupational or other important areas of functioning in the 12 months prior to interview.
2	(DEPB_64A = 1, 2, NA) and (DEPB_64B = 3, 4, NA) and (DEPB_64C = 1, 2, NA) and (DEPB_65A = 1, 2, NA) and (DEPB_65B = 1, 2, NA) and (DEPB_65C = 1, 2, NA) and (DEPB_65D = 1, 2, NA) and (0 <= DEPB_66A <= 3 or DEPB_66A = NA) and (0 <= DEPB_661 <= 3 or DEPB_661 = 11, NA) and (0 <= DEPB_662 <= 3 or DEPB_662 = 11, NA) and (0 <= DEPB_66C <= 3 or DEPB_66C = NA) and (0 <= DEPB_66D <= 3 or DEPB_66D = NA) and (0 <= DEPB_68 <= 4 or DEPB_68 = NA) and (DEPB_86 = 2, NA)	Respondent does not meet past 12 month CCHS 1.2/WMH-CIDI Criterion C. Respondent did not report clinically significant distress or impairment in social, occupational or other important areas of functioning in the 12 months prior to interview.
NS	(DEPB_64A = DK, R, NS) or (DEPB_64B = DK, R, NS) or (DEPB_64C = DK, R, NS) or (DEPB_65A = DK, R, NS) or (DEPB_65B = DK, R, NS) or (DEPB_65C = DK, R, NS) or (DEPB_65D = DK, R, NS) or (DEPB_66A = DK, R, NS) or (DEPB_661 = DK, R, NS) or (DEPB_662 = DK, R, NS) or (DEPB_66C = DK, R, NS) or (DEPB_66D = DK, R, NS) or (DEPB_68 = DK, R, NS) or (DEPB_86 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

24) Major Depressive Episode, Past 12-Months Algorithm

Variable name: DEPBDDYC

Based on: DEPBDDYA, DEPBDDYB, DEPBDDYC

Description: This is the final variable that identifies whether respondents meet or fail to meet the CCHS 1.2/WMH-CIDI criteria for major depressive episode in the 12 months prior to the interview. Respondents who meet the criteria reported:

1. meeting the criteria for lifetime major depressive episode;
2. having a major depressive episode in the 12 months prior to the interview; and
3. clinically significant distress or impairment in social, occupational or other important areas of functioning.

Value of DEPBDY	Condition(s)	Explanation
1	DEPBDYA = 1 and DEPBDYB = 1 and DEPBDYC = 1	CCHS 1.2/WMH-CIDI Criteria are met for past 12-month major depressive episode. Respondent reported (1) meeting the CCHS 1.2/WMH-CIDI criteria for lifetime major depressive episode; (2) having a major depressive episode in the 12 months prior to the interview; and (3) clinically significant distress or impairment in social, occupational or other important areas of functioning.
2	DEPBDYA = 2 or DEPBDYB = 2 or DEPBDYC = 2	All CCHS 1.2/WMH-CIDI criteria are not met for 12-month major depressive episode. Respondent did not report (1) meeting the CCHS 1.2/WMH-CIDI criteria for lifetime major depressive episode; (2) having a major depressive episode in the 12 months prior to the interview; and (3) clinically significant distress or impairment in social, occupational or other important areas of functioning.
NS	DEPBDYA = NS or DEPBDYB = NS or DEPBDYC = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

25) Suicide – Lifetime Thought

Variable name: DEPBFSLT

Based on: DEPB_A, DEPB_A1

Description: This variable classifies the respondent based on whether he/she ever thought about committing suicide or taking his/her own life.

Value of DEPBFSLT	Condition(s)	Explanation
1	DEPB_A = 1 or DEPB_A1 = 1	Respondent seriously thought about committing suicide during their lifetime.
2	DEPB_A1 = 2	Respondent never seriously thought about committing suicide. Note: if DEPB_A = 2 then DEPB_A1 asked
NS	(DEPB_A1 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

26) Suicide – Past 12-Months Thought

Variable name: DEPBFSYT

Based on: DEPB_A1A, DEPB_A1B, DEPBFSLT

Description: This variable classifies the respondent based on whether he/she thought about committing suicide or taking his/her own life in the past 12 months.

Note: In the questionnaire, some respondents were not asked the appropriate question to determine past 12-month suicidal thought. For these respondents, an imputation strategy was used to assign values for 12-month suicide thought. The variable that identifies which respondents were imputed is IMPBFSYT. For more information, see the User Guide.

Value of DEPBFSYT	Condition(s)	Explanation
1	DEPB_A1A = 1 or DEPB_A1B = 1	Respondent seriously thought about committing suicide in the past 12 months.
2	DEPBFSLT = 2 or DEPB_A1A = 2 or DEPB_A1B = 2	Respondent did not seriously think about committing suicide in the past 12 months.
NS	(DEPB_A1A = DK, R, NS) or (DEPB_A1B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
NS	DEPB_A1A = NA and DEPB_A1B = NA and DEPBFSLT = 1	Respondent was not asked the questions required for calculation due to an error in questionnaire specification.

27) Suicide – Lifetime Attempt

Variable name: DEPBFSLA

Based on: DEPB_C, DEPB_CB, DEPB_C1, DEPBFSLT

Description: This variable classifies the respondent based on whether he/she ever attempted suicide.

Value of DEPBFSLA	Condition(s)	Explanation
1	DEPB_C = 1 or DEPB_CB = 1 or DEPB_C1 = 1	Respondent ever attempted suicide.
2	DEPBFSLT = 2 or DEPB_CB = 2 or DEPB_C1 = 2	Respondent never attempted suicide. Note: If DEPB_C = 2 then DEPB_CB asked.
NS	(DEPB_C = DK, R, NS) or (DEPB_CB = DK, R, NS) or (DEPB_C1 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

28) Suicide – Past 12 Months Attempt

Variable name: DEPBFSYA

Based on: DEPB_C1A

Description: This variable classifies the respondent based whether he/she attempted suicide in the past 12 months.

Note: In the questionnaire, some respondents were not asked the appropriate question to determine past 12-month suicide attempt. For these respondents, an imputation strategy was used to assign values for 12-month suicide attempt. The variable that identifies which respondents were imputed is IMPBFSYA. For more information, see the User Guide.

Value of DEPBFSA	Condition(s)	Explanation
NS	DEPB_A = 1 and DEPB_C = 1 and DEPB_CA = 2	Respondent was not asked the questions required for calculation due to an error in questionnaire specification.
1	DEPB_C1A = 1	Respondent attempted suicide in the past 12 months.
2	(DEPB_C1A = 2, NA)	Respondent did not attempt suicide in the past 12 months.
NS	(DEPB_C1A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

29) Major Depressive Episode Interference - Mean

Variable name: DEPBDINT

Based on: DEPB_66A, DEPB_661, DEPB_662, DEPB_66C, DEPB_66D, DEPBDY

Description: This variable describes the interference that the major depressive episode had on daily activities and responsibilities in the past 12 months. This is a mean of the five items. This variable is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for the past 12-month major depressive episode.

Value of DEPBDINT	Condition(s)	Explanation
NA	DEPBDDY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for 12-month major depressive episode.
NS	DEPB_66A = NA and DEPB_661 = NA and DEPB_662 = NA and DEPB_66C = NA and DEPB_66D = NA	Respondent reported having a major depressive episode in the 12 months prior to the interview, but were not asked the interference questions due to inconsistency in their reporting.
NS	DEPBDDY = NS or (DEPB_66A = DK, R, NS) or (DEPB_661 = DK, R, NS) or (DEPB_662 = DK, R, NS) or (DEPB_66C = DK, R, NS) or (DEPB_66D = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.
$(DEPB_66A + DEPB_661 + DEPB_662 + DEPB_66C + DEPB_66D) / 5$ (min: 0.0; max: 10.0) (round to .1)	DEPBDDY = 1 and $0 \leq DEPB_66A \leq 10$ and $0 \leq DEPB_661 \leq 10$ and $0 \leq DEPB_662 \leq 10$ and $0 \leq DEPB_66C \leq 10$ and $0 \leq DEPB_66D \leq 10$	Interference = mean of all five items. Respondent answered all five questions.
$(DEPB_66A + DEPB_662 + DEPB_66C + DEPB_66D) / 4$ (min: 0.0; max: 10.0) (round to .1)	DEPBDDY = 1 and DEPB_661 = 11 and $0 \leq DEPB_662 \leq 10$ and $0 \leq DEPB_66A \leq 10$ and $0 \leq DEPB_66C \leq 10$ and $0 \leq DEPB_66D \leq 10$	Interference = mean of four items that applied to respondent. DEPB_661 was not applicable (i.e., they did not attend school within the past 12 months).

$\frac{(\text{DEPB_66A} + \text{DEPB_661} + \text{DEPB_66C} + \text{DEPB_66D})}{4}$ (min: 0.0; max: 10.0) (round to .1)	DEPBDDY = 1 and 0 ≤ DEPB_661 ≤ 10 and DEPB_662 = 11 and 0 ≤ DEPB_66A ≤ 10 and 0 ≤ DEPB_66C ≤ 10 and 0 ≤ DEPB_66D ≤ 10	Interference = mean of four items that applied to respondent. DEPB_662 was not applicable (i.e., they did not have a job within the past 12 months).
$\frac{(\text{DEPB_66A} + \text{DEPB_66C} + \text{DEPB_66D})}{3}$ (min: 0.0; max: 10.0) (round to .1)	DEPBDDY = 1 and DEPB_661 = 11 and DEPB_662 = 11 and 0 ≤ DEPB_66A ≤ 10 and 0 ≤ DEPB_66C ≤ 10 and 0 ≤ DEPB_66D ≤ 10	Interference = mean of three items that applied to respondent. DEPB_661 and DEPB_662 were not applicable (i.e., they did not attend school and did not have a job within the past 12 months).

30) Flag for Major Depressive Episode Interference

Variable name: DEPBFIN

Based on: DEPB_66A, DEPB_661, DEPB_662, DEPB_66C, DEPB_66D, DEPBDDY

Description: This variable describes the interference that the major depressive episode had on daily activities and responsibilities in the past 12 months. This is a classification that indicates whether the major depressive episode interferes significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships.

This question is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for the past 12-month major depressive episode.

Value of DEPBFIN	Condition(s)	Explanation
NA	DEPBDDY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for 12-month major depressive episode.
NS	DEPB_66A = NA and DEPB_661 = NA and DEPB_662 = NA and DEPB_66C = NA and DEPB_66D = NA	Respondent reported having a major depressive episode in the 12 months prior to the interview, but were not asked the interference questions due to inconsistency in their reporting.
1	DEPBDDY = 1 and (4 ≤ DEPB_66A ≤ 10 or 4 ≤ DEPB_661 ≤ 10 or 4 ≤ DEPB_662 ≤ 10 or 4 ≤ DEPB_66C ≤ 10 or 4 ≤ DEPB_66D ≤ 10)	Major depressive episode caused significant interference with the person's normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months.
2	DEPBDDY = 1 and 0 ≤ DEPB_66A ≤ 3 and (0 ≤ DEPB_661 ≤ 3 or DEPB_661 = 11) and (0 ≤ DEPB_662 ≤ 3 or DEPB_662 = 11) and 0 ≤ DEPB_66C ≤ 3 and 0 ≤ DEPB_66D ≤ 3	Major depressive episode did not cause significant interference with the person's normal routine, occupation (academic) functioning nor social activities nor relationships in the past 12 months.
NS	DEPBDDY = NS or (DEPB_66A = DK, R, NS) or (DEPB_661 = DK, R, NS) or (DEPB_662 = DK, R, NS) or (DEPB_66C = DK, R, NS) or (DEPB_66D = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.

Manic Episode (Mania) (24 DVs)

For the purpose of CCHS 1.2 – Mental Health and Well-being, Mania is characterised by exaggerated feelings of well-being, energy, and confidence in which a person can lose touch with reality. Symptoms of mania include: flight of ideas or racing thoughts; inflated self-esteem; decreased need for sleep; talkativeness; and irritability.

The questions on Mania are based on a recognized World Mental Health version of the Composite International Diagnostic Interview (WMH-CIDI) modified for the needs of CCHS 1.2. The WMH-CIDI instrument, as part of the WMH2000 Project (World Mental Health 2000) is a World Health Organization worldwide initiative to assess the prevalence rates of various mental disorders in multiple countries.

The WMH-CIDI is a standardized instrument for assessment of mental disorders and conditions according to an operationalization of the definitions and criteria of DSM-IV and ICD-10. DSM refers to the Diagnostic and Statistical Manual of Mental Disorders used by the American Psychiatric Association. It is an internationally recognized classification of mental disorders with several versions. Mental conditions or problems found in the CCHS 1.2 are partially coded either to DSM-IV or DSM-III-R. CCHS 1.2 does not support the ICD-10 algorithms.

The WMH2000 Project supported several versions of the Computer-Assisted Personal Interview (CAPI) and Paper and Pencil Personal Interview (PAPI) WMH-CIDI instrument. The Project has already established a working group that will be examining the methodological differences to ensure that international comparison is done appropriately. Mania is one of five conditions in the WMH2000 Project that are assessed in this survey. Both lifetime and past year diagnoses are assessed. Past year episode refers to the 12 months preceding the interview.

As part of its support documentation, CCHS 1.2 is providing information on all temporary and interim derived variables used to compute the final derived variables of lifetime and past 12-month profiled conditions. For most users, the final derived variables in addition to the derived variables pertaining to recency, duration, onset and interference will be sufficient to conduct analyses.

For Manic Episode (Mania), the variables of primary interest are:

Variable	Concept	Variable Number
MIABDEPS	Lifetime algorithm	15
MIABDEY	Past 12-month algorithm	22
MIABGON	Onset	16
MIABGREC	Recency	17
MIABGPER	Persistence	18
MIABG3B MIABG3D MIABG6B MIABG6D MIABG18D MIABG22	Duration	1-6

MIABDINT	Past 12-month interference	23
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The criteria used to derive the final variables for this current profiled mental condition along with their respective temporary and interim variables are operationalized to partially meet the DSM-IV definitions/classification. While the questionnaire and the algorithms are based on worldwide recognised approaches and classification, this method can not be used to diagnose individuals with this profile condition. Only professionally trained medical staff can do this.

The CCHS 1.2 instrument collects a wealth of information pertaining to this specific mental health condition such as number of symptoms and their overall severity, duration, and intensity; however, the structured approach used by the computerized instrument is not designed to collect some of the more complex information used by professionally trained staff to make a final diagnosis according to the DSM-IV classification. For example, there are no algorithms available to support the creation of derived variables pertaining to the subtypes or specifiers relevant to the disorder. Also, although the instrument does collect some information used for the operationalization of the organic/physical exclusions and the hierarchical ruling, STC recommends that this information be used by DSM experts in light of its complex nature.

In addition to information on mental conditions, the WMH-CIDI instrument also collects information on many important correlates of mental health such as health care service utilization and support. The CCHS 1.2 data collected on mental health correlates is not based on the WMH-CIDI instrument. Although international comparison on such data is important, Statistics Canada, in discussion with its stakeholders, decided that the CCHS 1.2 data should support and complement the Canadian information already available from CCHS 1.1 and other past NPHS cycles.

To facilitate comparison to the DSM, the criteria are more or less itemized in the way they appear in the DSM-IV. This correspondence is only used here to provide a common language that should ease the interpretation of the results. However, it would be inappropriate to assume a direct correspondence between our criteria and the DSM-IV criteria given the operational limitations associated with the questionnaire and the algorithm in addition to the complex nature of the topic.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI lifetime criteria associated with mania reported:

1. a distinct period of abnormally and persistently elevated, expansive or irritable mood lasting at least one week, or any duration if hospitalization was required;
2. three or more of seven symptoms (or four or more if mood is only irritable); and
3. marked impairment in occupational or social functioning, or psychotic features, or hospitalisation was required.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI 12-month criteria associated with mania:

1. meet the criteria for lifetime diagnosis of Mania;
2. report a 12-month episode; and
3. report marked impairment in occupational or social functioning.

Mania – Lifetime

1) Duration of Worst Manic (Excited and Energetic) Episode – Grouped

Variable name: MIABG3B

Based on: MIAB_3B1(HOURS), MIAB_3B2(DAYS), MIAB_3B3 (WEEKS), MIAB_3B4 (MONTHS), MIAB_3B5 (YEARS)

Description: This variable identifies the duration of the respondent's worst manic episode of feeling excited and full of energy. Note that such respondents who could not identify a particular worst episode were asked about their most recent episode instead.

In order to ensure individuals were not identifiable, records have been collapsed into groups. See data dictionary.

Value of MIABG3B	Condition(s)	Explanation
NA	MIAB_3B1 = NA and MIAB_3B2 = NA and MIAB_3B3 = NA and MIAB_3B4 = NA and MIAB_3B5 = NA	Not Applicable
1	1 <= MIAB_3B1 <= 23	Less than a day
2	24 <= MIAB_3B1 <= 72 or 1 <= MIAB_3B2 <= 3	1 to 3 days
3	4 <= MIAB_3B2 <= 7 or MIAB_3B3 = 1	1 week (4 to 7 days)
4	8 <= MIAB_3B2 <= 14 or MIAB_3B3 = 2	2 weeks (8 to 14 days)
5	15 <= MIAB_3B2 <= 21 or MIAB_3B3 = 3	3 weeks (15 to 21 days)
6	22 <= MIAB_3B2 <= 31 or MIAB_3B3 = 4 or MIAB_3B4 = 1	1 month
7	32 <= MIAB_3B2 <= 60 or 5 <= MIAB_3B3 <= 8 or MIAB_3B4 = 2	2 months
8	61 <= MIAB_3B2 <= 91 or 9 <= MIAB_3B3 <= 13 or MIAB_3B4 = 3	3 months
9	92 <= MIAB_3B2 <= 120 or 14 <= MIAB_3B3 <= 17 or MIAB_3B4 = 4	4 months
10	121 <= MIAB_3B2 <= 151 or 18 <= MIAB_3B3 <= 21 or MIAB_3B4 = 5	5 months
11	152 <= MIAB_3B2 <= 180 or 22 <= MIAB_3B3 <= 26 or MIAB_3B4 = 6	6 months
12	181 <= MIAB_3B2 <= 211 or 27 <= MIAB_3B3 <= 30 or MIAB_3B4 = 7	7 months
13	212 <= MIAB_3B2 <= 240 or 31 <= MIAB_3B3 <= 34 or MIAB_3B4 = 8	8 months
14	241 <= MIAB_3B2 <= 271 or 35 <= MIAB_3B3 <= 39 or MIAB_3B4 = 9	9 months

15	272 <= MIAB_3B2 <= 300 or 40 <= MIAB_3B3 <= 44 or MIAB_3B4 = 10	10 months
16	301 <= MIAB_3B2 <= 331 or 45 <= MIAB_3B3 <= 48 or MIAB_3B4 = 11	11 months
17	332 <= MIAB_3B2 <= 365 or 49 <= MIAB_3B3 <= 52 or MIAB_3B4 = 12 or MIAB_3B5 = 1	1 year
18	366 <= MIAB_3B2 <= 900 or 53 <= MIAB_3B3 <= 104 or 13 <= MIAB_3B4 <= 48 or 2 <= MIAB_3B5 <= 4	2 to 4 years
19	MIAB_3B5 > 4 and MIAB_3B5 < NA	5 years or more
NS	MIAB_3B1 = (DK, R, NS) or MIAB_3B2 = (DK, R, NS) or MIAB_3B3 = (DK, R, NS) or MIAB_3B4 = (DK, R, NS) or MIAB_3B5 = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2) Duration of Most Recent Manic (Excited and Energetic) Episode – Grouped

Variable name: MIABG3D

Based on: MIAB_3D1 (HOURS), MIAB_3D2 (DAYS), MIAB_3D3 (WEEKS), MIAB_3D4 (MONTHS), MIAB_3D5 (YEARS)

Description: This variable identifies the duration of the respondent's most recent episode of feeling excited and fully of energy. Note that this question was asked only to respondents who could not identify a particular episode as their worst episode.

In order to ensure individuals were not identifiable, records have been collapsed into groups. See data dictionary.

Value of MIABG3B	Condition(s)	Explanation
NA	MIAB_3D1 = NA and MIAB_3D2 = NA and MIAB_3D3 = NA and MIAB_3D4 = NA and MIAB_3D5 = NA	Not Applicable
1	1 <= MIAB_3D1 <= 23	Less than a day
2	24 <= MIAB_3D1 <= 72 or 1 <= MIAB_3D2 <= 3	1 to 3 days
3	4 <= MIAB_3D2 <= 7 or MIAB_3D3 = 1	1 week (4 to 7 days)
4	8 <= MIAB_3D2 <= 14 or MIAB_3D3 = 2	2 weeks (8 to 14 days)
5	15 <= MIAB_3D2 <= 21 or MIAB_3D3 = 3	3 weeks (15 to 21 days)
6	22 <= MIAB_3D2 <= 31 or MIAB_3D3 = 4 or MIAB_3D4 = 1	1 month
7	32 <= MIAB_3D2 <= 60 or 5 <= MIAB_3D3 <= 8 or MIAB_3D4 = 2	2 months
8	61 <= MIAB_3D2 <= 91 or 9 <= MIAB_3D3 <= 13 or MIAB_3D4 = 3	3 months

9	92 <= MIAB_3D2 <= 120 or 14 <= MIAB_3D3 <= 17 or MIAB_3D4 = 4	4 months
10	121 <= MIAB_3D2 <= 151 or 18 <= MIAB_3D3 <= 21 or MIAB_3D4 = 5	5 months
11	152 <= MIAB_3D2 <= 180 or 22 <= MIAB_3D3 <= 26 or MIAB_3D4 = 6	6 months
12	181 <= MIAB_3D2 <= 211 or 27 <= MIAB_3D3 <= 30 or MIAB_3D4 = 7	7 months
13	212 <= MIAB_3D2 <= 240 or 31 <= MIAB_3D3 <= 34 or MIAB_3D4 = 8	8 months
14	241 <= MIAB_3D2 <= 271 or 35 <= MIAB_3D3 <= 39 or MIAB_3D4 = 9	9 months
15	272 <= MIAB_3D2 <= 300 or 40 <= MIAB_3D3 <= 44 or MIAB_3D4 = 10	10 months
16	301 <= MIAB_3D2 <= 331 or 45 <= MIAB_3D3 <= 48 or MIAB_3D4 = 11	11 months
17	332 <= MIAB_3D2 <= 365 or 49 <= MIAB_3D3 <= 52 or MIAB_3D4 = 12 or MIAB_3D5 = 1	1 year
18	366 <= MIAB_3D2 <= 900 or 53 <= MIAB_3D3 <= 104 or 13 <= MIAB_3D4 <= 48 or 2 <= MIAB_3D5 <= 4	2 to 4 years
19	MIAB_3D5 > 4 and MIAB_3D5 < NA	5 years or more
NS	MIAB_3D1 = (DK, R, NS) or MIAB_3D2 = (DK, R, NS) or MIAB_3D3 = (DK, R, NS) or MIAB_3D4 = (DK, R, NS) or MIAB_3D5 = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

3) Duration of worst manic (irritable or grouchy) episode – Grouped

Variable name: MIABG6B

Based on: MIAB_6B1(HOURS), MIAB_6B2(DAYS), MIAB_6B3 (WEEKS), MIAB_6B4 (MONTHS), MIAB_6B5 (YEARS)

Description: This variable identifies the duration of the respondent's worst manic episode of feeling irritable or grouchy. Note that such respondents who could not identify a particular worst episode were asked about their most recent episode instead.

In order to ensure individuals were not identifiable, records have been collapsed into groups. See data dictionary.

Value of MIABG6B	Condition(s)	Explanation
NA	MIAB_6B1 = NA and MIAB_6B2 = NA and MIAB_6B3 = NA and MIAB_6B4 = NA and MIAB_6B5 = NA	Not Applicable
1	1 <= MIAB_6B1 <= 23	Less than a day

2	24 <= MIAB_6B1 <= 72 or 1 <= MIAB_6B2 <= 3	1 to 3 days
3	4 <= MIAB_6B2 <= 7 or MIAB_6B3 = 1	1 week (4 to 7 days)
4	8 <= MIAB_6B2 <= 14 or MIAB_6B3 = 2	2 weeks (8 to 14 days)
5	15 <= MIAB_6B2 <= 21 or MIAB_6B3 = 3	3 weeks (15 to 21 days)
6	22 <= MIAB_6B2 <= 31 or MIAB_6B3 = 4 or MIAB_6B4 = 1	1 month
7	32 <= MIAB_6B2 <= 60 or 5 <= MIAB_6B3 <= 8 or MIAB_6B4 = 2	2 months
8	61 <= MIAB_6B2 <= 91 or 9 <= MIAB_6B3 <= 13 or MIAB_6B4 = 3	3 months
9	92 <= MIAB_6B2 <= 120 or 14 <= MIAB_6B3 <= 17 or MIAB_6B4 = 4	4 months
10	121 <= MIAB_6B2 <= 151 or 18 <= MIAB_6B3 <= 21 or MIAB_6B4 = 5	5 months
11	152 <= MIAB_6B2 <= 180 or 22 <= MIAB_6B3 <= 26 or MIAB_6B4 = 6	6 months
12	181 <= MIAB_6B2 <= 211 or 27 <= MIAB_6B3 <= 30 or MIAB_6B4 = 7	7 months
13	212 <= MIAB_6B2 <= 240 or 31 <= MIAB_6B3 <= 34 or MIAB_6B4 = 8	8 months
14	241 <= MIAB_6B2 <= 271 or 35 <= MIAB_6B3 <= 39 or MIAB_6B4 = 9	9 months
15	272 <= MIAB_6B2 <= 300 or 40 <= MIAB_6B3 <= 44 or MIAB_6B4 = 10	10 months
16	301 <= MIAB_6B2 <= 331 or 45 <= MIAB_6B3 <= 48 or MIAB_6B4 = 11	11 months
17	332 <= MIAB_6B2 <= 365 or 49 <= MIAB_6B3 <= 52 or MIAB_6B4 = 12 or MIAB_6B5 = 1	1 year
18	366 <= MIAB_6B2 <= 900 or 53 <= MIAB_6B3 <= 104 or 13 <= MIAB_6B4 <= 48 or 2 <= MIAB_6B5 <= 4	2 to 4 years
19	MIAB_6B5 > 4 and MIAB_6B5 < NA	5 years or more
NS	MIAB_6B1 = (DK, R, NS) or MIAB_6B2 = (DK, R, NS) or MIAB_6B3 = (DK, R, NS) or MIAB_6B4 = (DK, R, NS) or MIAB_6B5 = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

4) Duration of Most Recent Manic (irritable or grouchy) Episode – Grouped

Variable name: MIABG6D

Based on: MIAB_6D1 (HOURS), MIAB_6D2 (DAYS), MIAB_6D3 (WEEKS), MIAB_6D4 (MONTHS), MIAB_6D5 (YEARS)

Description: This variable identifies the duration of the respondent's most recent episode of feeling irritable or grouchy. Note that this question was asked only to respondents who could not identify a particular episode as their worst episode.

In order to ensure individuals were not identifiable, records have been collapsed into groups. See data dictionary.

Value of MIABG6D	Condition(s)	Explanation
NA	MIAB_6D1 = NA and MIAB_6D2 = NA and MIAB_6D3 = NA and MIAB_6D4 = NA and MIAB_6D5 = NA	Not Applicable
1	1 <= MIAB_6D1 <= 23	Less than a day
2	24 <= MIAB_6D1 <= 72 or 1 <= MIAB_6D2 <= 3	1 to 3 days
3	4 <= MIAB_6D2 <= 7 or MIAB_6D3 = 1	1 week (4 to 7 days)
4	8 <= MIAB_6D2 <= 14 or MIAB_6D3 = 2	2 weeks (8 to 14 days)
5	15 <= MIAB_6D2 <= 21 or MIAB_6D3 = 3	3 weeks (15 to 21 days)
6	22 <= MIAB_6D2 <= 31 or MIAB_6D3 = 4 or MIAB_6D4 = 1	1 month
7	32 <= MIAB_6D2 <= 60 or 5 <= MIAB_6D3 <= 8 or MIAB_6D4 = 2	2 months
8	61 <= MIAB_6D2 <= 91 or 9 <= MIAB_6D3 <= 13 or MIAB_6D4 = 3	3 months
9	92 <= MIAB_6D2 <= 120 or 14 <= MIAB_6D3 <= 17 or MIAB_6D4 = 4	4 months
10	121 <= MIAB_6D2 <= 151 or 18 <= MIAB_6D3 <= 21 or MIAB_6D4 = 5	5 months
11	152 <= MIAB_6D2 <= 180 or 22 <= MIAB_6D3 <= 26 or MIAB_6D4 = 6	6 months
12	181 <= MIAB_6D2 <= 211 or 27 <= MIAB_6D3 <= 30 or MIAB_6D4 = 7	7 months
13	212 <= MIAB_6D2 <= 240 or 31 <= MIAB_6D3 <= 34 or MIAB_6D4 = 8	8 months
14	241 <= MIAB_6D2 <= 271 or 35 <= MIAB_6D3 <= 39 or MIAB_6D4 = 9	9 months
15	272 <= MIAB_6D2 <= 300 or 40 <= MIAB_6D3 <= 44 or MIAB_6D4 = 10	10 months

16	301 <= MIAB_6D2 <= 331 or 45 <= MIAB_6D3 <= 48 or MIAB_6D4 = 11	11 months
17	332 <= MIAB_6D2 <= 365 or 49 <= MIAB_6D3 <= 52 or MIAB_6D4 = 12 or MIAB_6D5 = 1	1 year
18	366 <= MIAB_6D2 <= 900 or 53 <= MIAB_6D3 <= 104 or 13 <= MIAB_6D4 <= 48 or 2 <= MIAB_6D5 <= 4	2 to 4 years
19	MIAB_6D5 > 4 and MIAB_6D5 < NA	5 years or more
NS	MIAB_6D1 = (DK, R, NS) or MIAB_6D2 = (DK, R, NS) or MIAB_6D3 = (DK, R, NS) or MIAB_6D4 = (DK, R, NS) or MIAB_6D5 = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

5) Duration of first manic episode – Grouped

Variable name: MIABG18D

Based on: MIAB_1D1, MIAB_1D2, MIAB_1D3, MIAB_1D4, MIAB_1D5

Description: This variable identifies the duration of the respondent's first manic episode.

In order to ensure individuals were not identifiable, records have been collapsed into groups. See data dictionary.

Value of MIABG18D	Condition(s)	Explanation
NA	MIAB_1D1 = NA and MIAB_1D2 = NA and MIAB_1D3 = NA and MIAB_1D4 = NA and MIAB_1D5 = NA	Not Applicable
1	1 <= MIAB_1D1 <= 23	Less than a day
2	24 <= MIAB_1D1 <= 72 or 1 <= MIAB_1D2 <= 3	1 to 3 days
3	4 <= MIAB_1D2 <= 7 or MIAB_1D3 = 1	1 week (4 to 7 days)
4	8 <= MIAB_1D2 <= 14 or MIAB_1D3 = 2	2 weeks (8 to 14 days)
5	15 <= MIAB_1D2 <= 21 or MIAB_1D3 = 3	3 weeks (15 to 21 days)
6	22 <= MIAB_1D2 <= 31 or MIAB_1D3 = 4 or MIAB_1D4 = 1	1 month
7	32 <= MIAB_1D2 <= 60 or 5 <= MIAB_1D3 <= 8 or MIAB_1D4 = 2	2 months
8	61 <= MIAB_1D2 <= 91 or 9 <= MIAB_1D3 <= 13 or MIAB_1D4 = 3	3 months
9	92 <= MIAB_1D2 <= 120 or 14 <= MIAB_1D3 <= 17 or MIAB_1D4 = 4	4 months
10	121 <= MIAB_1D2 <= 151 or 18 <= MIAB_1D3 <= 21 or MIAB_1D4 = 5	5 months

11	152 <= MIAB_1D2 <= 180 or 22 <= MIAB_1D3 <= 26 or MIAB_1D4 = 6	6 months
12	181 <= MIAB_1D2 <= 211 or 27 <= MIAB_1D3 <= 30 or MIAB_1D4 = 7	7 months
13	212 <= MIAB_1D2 <= 240 or 31 <= MIAB_1D3 <= 34 or MIAB_1D4 = 8	8 months
14	241 <= MIAB_1D2 <= 271 or 35 <= MIAB_1D3 <= 39 or MIAB_1D4 = 9	9 months
15	272 <= MIAB_1D2 <= 300 or 40 <= MIAB_1D3 <= 44 or MIAB_1D4 = 10	10 months
16	301 <= MIAB_1D2 <= 331 or 45 <= MIAB_1D3 <= 48 or MIAB_1D4 = 11	11 months
17	332 <= MIAB_1D2 <= 365 or 49 <= MIAB_1D3 <= 52 or MIAB_1D4 = 12 or MIAB_1D5 = 1	1 year
18	366 <= MIAB_1D2 <= 900 or 53 <= MIAB_1D3 <= 104 or 13 <= MIAB_1D4 <= 48 or 2 <= MIAB_1D5 <= 4	2 to 4 years
19	MIAB_1D5 > 4 and MIAB_1D5 < NA	5 years or more
NS	MIAB_1D1 = (DK, R, NS) or MIAB_1D2 = (DK, R, NS) or MIAB_1D3 = (DK, R, NS) or MIAB_1D4 = (DK, R, NS) or MIAB_1D5 = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

6) Duration of longest manic episode – Grouped

Variable name: MIABG22

Based on: MIAB_221, MIAB_222, MIAB_223, MIAB_224, MIAB_225

Description: This variable identifies the duration of the respondent's longest manic episode.

In order to ensure individuals were not identifiable, records have been collapsed into groups. See data dictionary.

Value of MIABG22	Condition(s)	Explanation
NA	MIAB_221 = NA and MIAB_222 = NA and MIAB_223 = NA and MIAB_224 = NA and MIAB_225 = NA	Not Applicable
1	1 <= MIAB_221 <= 23	Less than a day
2	24 <= MIAB_221 <= 72 or 1 <= MIAB_222 <= 3	1 to 3 days
3	4 <= MIAB_222 <= 7 or MIAB_223 = 1	1 week (4 to 7 days)
4	8 <= MIAB_222 <= 14 or MIAB_223 = 2	2 weeks (8 to 14 days)
5	15 <= MIAB_222 <= 21 or MIAB_223 = 3	3 weeks (15 to 21 days)

6	22 <= MIAB_222 <= 31 or MIAB_223 = 4 or MIAB_224 = 1	1 month
7	32 <= MIAB_222 <= 60 or 5 <= MIAB_223 <= 8 or MIAB_224 = 2	2 months
8	61 <= MIAB_222 <= 91 or 9 <= MIAB_223 <= 13 or MIAB_224 = 3	3 months
9	92 <= MIAB_222 <= 120 or 14 <= MIAB_223 <= 17 or MIAB_224 = 4	4 months
10	121 <= MIAB_222 <= 151 or 18 <= MIAB_223 <= 21 or MIAB_224 = 5	5 months
11	152 <= MIAB_222 <= 180 or 22 <= MIAB_223 <= 26 or MIAB_224 = 6	6 months
12	181 <= MIAB_222 <= 211 or 27 <= MIAB_223 <= 30 or MIAB_224 = 7	7 months
13	212 <= MIAB_222 <= 240 or 31 <= MIAB_223 <= 34 or MIAB_224 = 8	8 months
14	241 <= MIAB_222 <= 271 or 35 <= MIAB_223 <= 39 or MIAB_224 = 9	9 months
15	272 <= MIAB_222 <= 300 or 40 <= MIAB_223 <= 44 or MIAB_224 = 10	10 months
16	301 <= MIAB_222 <= 331 or 45 <= MIAB_223 <= 48 or MIAB_224 = 11	11 months
17	332 <= MIAB_222 <= 365 or 49 <= MIAB_223 <= 52 or MIAB_224 = 12 or MIAB_225 = 1	1 year
18	366 <= MIAB_222 <= 900 or 53 <= MIAB_223 <= 104 or 13 <= MIAB_224 <= 48 or 2 <= MIAB_225 <= 4	2 to 4 years
19	MIAB_225 > 4 and MIAB_225 < NA	5 years or more
NS	MIAB_221 = (DK, R, NS) or MIAB_222 = (DK, R, NS) or MIAB_223 = (DK, R, NS) or MIAB_224 = (DK, R, NS) or MIAB_225 = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

7) Mania - Lifetime Criterion A, Part 1

Variable name: MIABDA1

Based on: MIAB_01, MIAB_05

Description: This variable identifies whether the respondent reported a distinct period of abnormally and persistently elevated, expansive, or irritable mood in their lifetime.

Value of MIABDA1	Condition(s)	Explanation
1	MIAB_01 = 1 or MIAB_05 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 1. Respondent reported a distinct period of abnormally and persistently elevated, expansive or irritable mood.
2	MIAB_01 = 2 or MIAB_05 = 2 or (MIAB_01 = NA and MIAB_05 = NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 1. Respondent did not report a distinct period of abnormally and persistently elevated, expansive, or irritable mood. Note: Either MIAB_01 or MIAB_05 is answered.
NS	(MIAB_01 = DK, R, NS) or (MIAB_05 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8) Mania - Lifetime Criterion A, Part 2

Variable name: MIABDA2

Based on: MIABT3BD, MIABT3DD, MIABT6BD, MIABT6DD, MIABT22D, MIAB_20, MIAB_48

Description: This variable identifies whether the respondent reported ever having a distinct period of abnormally and persistently elevated, expansive or irritable mood lasting at least one week or requiring hospitalisation.

8a) Temporary Variable - Duration of Worst Manic (Excited and Energetic) Episode in Days

Variable name: MIABT3BD

Based on: MIAB_03B, MIAB_3B1, MIAB_3B2, MIAB_3B3, MIAB_3B4, MIAB_3B5

Description: This variable identifies the duration of the respondent's worst manic episode (in days) for respondents who reported an episode of feeling excited and full of energy. Note that such respondents who could not identify a particular worst episode were asked about their most recent episode instead.

Value of MIABT3BD	Condition(s)	Explanation
NA	MIAB_03B = NA	Respondent was not asked the questions required for calculation.
NS	(MIAB_03B = DK, R, NS) or (MIAB_3B1 = DK, R, NS) or (MIAB_3B2 = DK, R, NS) or (MIAB_3B3 = DK, R, NS) or (MIAB_3B4 = DK, R, NS) or (MIAB_3B5 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
Value in MIAB_3B1 / 24 (round to .1)	MIAB_03B = 1	Duration of respondent's worst manic episode (in days).
Value in MIAB_3B2	MIAB_03B = 2	Duration of respondent's worst manic episode (in days).
Value in MIAB_3B3 * 7	MIAB_03B = 3	Duration of respondent's worst manic episode (in days).

Value in MIAB_3B4 * 30	MIAB_03B = 4	Duration of respondent's worst manic episode (in days).
Value in MIAB_3B5 * 365	MIAB_03B = 5	Duration of respondent's worst manic episode (in days).

8b) Temporary Variable - Duration of Most Recent Manic (Excited and Energetic) Episode in Days

Variable name: MIABT3DD

Based on: MIAB_03D, MIAB_3D1, MIAB_3D2, MIAB_3D3, MIAB_3D4, MIAB_3D5

Description: This variable identifies the duration of the respondent's most recent episode (in days) for respondents who reported an episode of feeling excited and full of energy. Note that this question was asked only to respondents who could not identify a particular episode as their worst episode.

Value of MIABT3DD	Condition(s)	Explanation
NA	MIAB_03D = NA	Respondent was not asked the questions required for calculation.
NS	(MIAB_03D = DK, R, NS) or (MIAB_3D1 = DK, R, NS) or (MIAB_3D2 = DK, R, NS) or (MIAB_3D3 = DK, R, NS) or (MIAB_3D4 = DK, R, NS) or (MIAB_3D5 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
Value in MIAB_3D1 / 24 (round to .1)	MIAB_03D = 1	Duration of respondent's most recent manic episode (in days).
Value in MIAB_3D2	MIAB_03D = 2	Duration of respondent's most recent manic episode (in days).
Value in MIAB_3D3 * 7	MIAB_03D = 3	Duration of respondent's most recent manic episode (in days).
Value in MIAB_3D4 * 30	MIAB_03D = 4	Duration of respondent's most recent manic episode (in days).
Value in MIAB_3D5 * 365	MIAB_03D = 5	Duration of respondent's most recent manic episode (in days).

8c) Temporary Variable - Duration of Worst Manic (Irritable or Grouchy) Episode in Days

Variable name: MIABT6BD

Based on: MIAB_06B, MIAB_6B1, MIAB_6B2, MIAB_6B3, MIAB_6B4, MIAB_6B5

Description: This variable identifies the duration of the respondent's worst manic episode (in days) for respondents who reported an episode of feeling irritable or grouchy. Note that such respondents who could not identify a particular worst episode were asked about their most recent episode instead.

Value of MIABT6BD	Condition(s)	Explanation
NA	MIAB_06B = NA	Respondent was not asked the questions required for calculation.
NS	(MIAB_06B = DK, R, NS) or (MIAB_6B1 = DK, R, NS) or (MIAB_6B2 = DK, R, NS) or (MIAB_6B3 = DK, R, NS) or (MIAB_6B4 = DK, R, NS) or (MIAB_6B5 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
Value in MIAB_6B1 / 24 (round to .1)	MIAB_06B = 1	Duration of respondent's worst manic episode (in days).
Value in MIAB_6B2	MIAB_06B = 2	Duration of respondent's worst manic episode (in days)
Value in MIAB_6B3 * 7	MIAB_06B = 3	Duration of respondent's worst manic episode (in days)

Value in MIAB_6B4 * 30	MIAB_06B = 4	Duration of respondent's worst manic episode (in days)
Value in MIAB_6B5 * 365	MIAB_06B = 5	Duration of respondent's worst manic episode (in days)

8d) Temporary Variable - Duration of Most Recent Manic (Irritable or Grouchy) Episode in Days

Variable name: MIABT6DD

Based on: MIAB_06D, MIAB_6D1, MIAB_6D2, MIAB_6D3, MIAB_6D4, MIAB_6D5

Description: This variable identifies the duration of the respondent's most recent episode (in days) for respondents who reported an episode of feeling irritable or grouchy. Note that this question was asked only to respondents who could not identify a particular episode as their worst episode.

Value of MIABT6DD	Condition(s)	Explanation
NA	MIAB_06D = NA	Respondent was not asked the questions required for calculation.
NS	(MIAB_06D = DK, R, NS) or (MIAB_6D1 = DK, R, NS) or (MIAB_6D2 = DK, R, NS) or (MIAB_6D3 = DK, R, NS) or (MIAB_6D4 = DK, R, NS) or (MIAB_6D5 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
Value in MIAB_6D1 / 24 (round to .1)	MIAB_06D = 1	Duration of respondent's most recent manic episode (in days)
Value in MIAB_6D2	MIAB_06D = 2	Duration of respondent's most recent manic episode (in days)
Value in MIAB_6D3 * 7	MIAB_06D = 3	Duration of respondent's most recent manic episode (in days)
Value in MIAB_6D4 * 30	MIAB_06D = 4	Duration of respondent's most recent manic episode (in days)
Value in MIAB_6D5 * 365	MIAB_06D = 5	Duration of respondent's most recent manic episode (in days)

8e) Temporary Variable - Duration of Longest Manic Episode in Days

Variable name: MIABT22D

Based on: MIAB_22, MIAB_221, MIAB_222, MIAB_223, MIAB_224, MIAB_225

Description: This variable identifies the duration of the respondent's longest manic episode (in days).

Value of MIABT22D	Condition(s)	Explanation
NA	MIAB_22 = NA	Respondent was not asked the questions required for calculation.
NS	(MIAB_22 = DK, R, NS) or (MIAB_221 = DK, R, NS) or (MIAB_222 = DK, R, NS) or (MIAB_223 = DK, R, NS) or (MIAB_224 = DK, R, NS) or (MIAB_225 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
Value in MIAB_221 / 24 (round to .1)	MIAB_22 = 1	Duration of respondent's longest manic episode (in days)
Value in MIAB_222	MIAB_22 = 2	Duration of respondent's longest manic episode (in days)
Value in MIAB_223 * 7	MIAB_22 = 3	Duration of respondent's longest manic episode (in days)
Value in MIAB_224 * 30	MIAB_22 = 4	Duration of respondent's longest manic episode (in days)
Value in MIAB_225 * 365	MIAB_22 = 5	Duration of respondent's longest manic episode (in days)

Calculating Criterion A, Part 2

Value of MIABDA2	Condition(s)	Explanation
1	7 ≤ MIABT3BD < NA or 7 ≤ MIABT3DD < NA or 7 ≤ MIABT6BD < NA or 7 ≤ MIABT6DD < NA or 7 ≤ MIABT22D < NA or 1 ≤ MIAB_20 < NA or MIAB_48 = 1	Respondent meets lifetime Criterion A, Part 2. Respondent reported a distinct period of abnormally and persistently elevated, expansive or irritable mood lasting at least one week or requiring hospitalisation.
2	(MIABT3BD < 7 or MIABT3DD < 7 or MIABT6BD < 7 or MIABT6DD < 7 or (MIABT3BD = NA and MIABT3DD = NA and MIABT6BD = NA and MIABT6DD = NA)) and (MIABT22D < 7 or MIABT22D = NA) and (MIAB_20 = 0, NA) and (MIAB_48 = 2, NA)	Respondent did not meet lifetime Criterion A, Part 2. The duration reported was less than one week or the episode did not require hospitalization.
NS	MIABT3BD = NS or MIABT3DD = NS or MIABT6BD = NS or MIABT6DD = NS or MIABT22D = NS or (MIAB_20 = DK, R, NS) or (MIAB_48 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

9) Mania - Lifetime Criterion A (Parts 1 and 2 Combined)**Variable name:** MIABDA**Based on:** MIABDA1, MIABDA2

Description: This variable identifies whether the respondent meets lifetime Criterion A of the CCHS 1.2/WMH-CIDI algorithm. Criterion A assesses whether the respondent reported a distinct period of abnormally and persistently elevated or irritable mood associated with a manic episode lasting at least one week or requiring hospitalisation.

Value of MIABDA	Condition(s)	Explanation
1	MIABDA1 = 1 and MIABDA2 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A. Respondent reported a distinct period of abnormally and persistently elevated, expansive or irritable mood lasting at least one week or requiring hospitalisation.

2	MIABDA1 = 2 or MIABDA2 = 2	Respondent did not meet lifetime CCHS 1.2/WMH-CIDI Criterion A. Respondent did not report a distinct period of abnormally and persistently elevated, expansive or irritable mood or the episode lasted less than one week and did not require hospitalization.
NS	MIABDA1 = NS or MIABDA2 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

10) Mania - Lifetime Criterion B

Variable name: MIABDB

Based on: MIABDB1, MIABDB2, MIABDB3, MIABDB4, MIABDB5, MIABDB6, MIABDB7, MIABDBI

Description: This variable identifies whether the respondent meets lifetime Criterion B of the CCHS 1.2/WMH-CIDI algorithm. The criterion is met if three or more of the seven symptoms (or four or more if mood is only irritable) were present during the mood disturbance. The symptoms are:

1. inflated self-esteem or sense of grandiosity;
2. decreased need for sleep;
3. more talkative than usual or pressure to keep talking;
4. flight of ideas or subjective experience that thoughts are racing;
5. distractibility;
6. increase in goal-oriented activity either at work, school, or socially, or psychomotor agitation;
7. excessive involvement in pleasurable activities that have a high potential for painful consequences such as engaging in unrestrained buying sprees, sexual indiscretions, or foolish business investments.

10a) Symptom 1 – Inflated Self-Esteem or Grandiosity

Variable name: MIABDB1

Based on: MIAB_07N, MIAB_07O

Description: This variable identifies respondents who reported having a greatly exaggerated sense of self-confidence, believed they could do things they really couldn't do, had the idea that they were actually someone else, or that they had a special connection with a famous person that they really didn't have.

Value of MIABDB1	Condition(s)	Explanation
1	MIAB_07N = 1 or MIAB_07O = 1	Respondent reported inflated self-esteem or grandiosity during the mood disturbance.
2	(MIAB_07N = 2, NA) and (MIAB_07O = 2, NA)	Respondent did not report an inflated self-esteem or grandiosity.
NS	(MIAB_07N = DK, R, NS) or (MIAB_07O = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

10b) Symptom 2 - Decreased Need for Sleep

Variable name: MIABDB2

Based on: MIAB_07J

Description: This variable identifies respondents who reported they slept far less than usual and still did not feel tired or sleepy.

Value of MIABDB2	Condition(s)	Explanation
1	MIAB_07J = 1	Respondent reported a decreased need for sleep during the mood disturbance.
2	(MIAB_07J = 2, NA)	Respondent did not report a decreased need for sleep during the mood disturbance.
NS	(MIAB_07J = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

10c) Symptom 3 - More Talkative Than Usual or Pressure to Keep Talking

Variable name: MIABDB3

Based on: MIAB_07F

Description: This variable identifies respondents who reported they talked a lot more than usual or felt a need to keep talking all the time.

Value of MIABDB3	Condition(s)	Explanation
1	MIAB_07F = 1	Respondent reported being more talkative than usual or felt pressure to keep talking during the mood disturbance.
2	(MIAB_07F = 2, NA)	Respondent did not report being more talkative than usual or feeling pressure to keep talking.
NS	(MIAB_07F = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

10d) Symptom 4 - Flight of Ideas or Subjective Experience That Thoughts Are Racing

Variable name: MIABDB4

Based on: MIAB_07I

Description: This variable identifies respondents who reported their thoughts seemed to jump from one thing to another or race through their head so fast that they couldn't keep track of them.

Value of MIABDB4	Condition(s)	Explanation
1	MIAB_07I = 1	Respondent reported flights of ideas or racing thoughts during the mood disturbance.
2	(MIAB_07I = 2, NA)	Respondent did not report flights of ideas or racing thoughts.
NS	(MIAB_07I = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

10e) Symptom 5 - Distractibility (i.e., Attention Too Easily Drawn to Unimportant or Irrelevant External Stimuli)

Variable name: MIABDB5

Based on: MIAB_07G, MIAB_07H

Description: This variable identifies respondents who reported constantly changing their plans or activities, or were so easily distracted that any interruption could get them thinking "off track".

Value of MIABDB5	Condition(s)	Explanation
1	MIAB_07G = 1 or MIAB_07H = 1	Respondent reported distractibility during the mood disturbance.
2	(MIAB_07G = 2, NA) and (MIAB_07H = 2, NA)	Respondent did not report distractibility.
NS	(MIAB_07G = DK, R, NS) or (MIAB_07H = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

10f) Symptom 6 - Increase in Goal-Oriented Activity or Psychomotor Agitation

Variable name: MIABDB6

Based on: MIAB_07A, MIAB_07B, MIAB_07D, MIAB_07E

Description: This variable identifies respondents who reported they became so restless and fidgety that they paced up and down or couldn't stand still; they became overly friendly or outgoing with people; they were a lot more interested in sex than usual or wanted to have sexual encounters with people they wouldn't ordinarily be interested in; or they tried to do things that were impossible to do, like taking on large amounts of work.

Value of MIABDB6	Condition(s)	Explanation
1	MIAB_07A = 1 or MIAB_07B = 1 or MIAB_07D = 1 or MIAB_07E = 1	Respondent reported an increase in goal-oriented activity or psychomotor agitation during the mood disturbance.
2	(MIAB_07A = 2, NA) and (MIAB_07B = 2, NA) and (MIAB_07D = 2, NA) and (MIAB_07E = 2, NA)	Respondent did not report an increase in goal-oriented activity or psychomotor agitation.
NS	(MIAB_07A = DK, R, NS) or (MIAB_07B = DK, R, NS) or (MIAB_07D = DK, R, NS) or (MIAB_07E = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

10g) Symptom 7 - Excessive Involvement in Pleasurable Activities That Have a High Potential for Painful Consequences

Variable name: MIABDB7

Based on: MIAB_07K, MIAB_07L, MIAB_07M

Description: This variable identifies respondents who reported getting involved in foolish investments or schemes for making money; spending so much more money than usual that it caused them to have financial trouble; or being interested in seeking pleasure in ways that they would usually consider risky, like having casual or unsafe sex, going on buying sprees or driving recklessly.

Value of MIABDB7	Condition(s)	Explanation
1	MIAB_07K = 1 or MIAB_07L = 1 or MIAB_07M = 1	Respondent reported excessive involvement in pleasurable activities that have a high potential for painful consequences.
2	(MIAB_07K = 2, NA) and (MIAB_07L = 2, NA) and (MIAB_07M = 2, NA)	Respondent did not report excessive involvement in pleasurable activities that have a high potential for painful consequences.
NS	(MIAB_07K = DK, R, NS) or (MIAB_07L = DK, R, NS) or (MIAB_07M = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

10h) Irritable Mood – Determine Whether Mood Was Only Irritable**Variable name:** MIABDBI**Based on:** SCRB_24, SCRB_25, SCRB_25A

Description: This variable distinguishes whether the respondent indicated being irritable or grouchy but did not endorse the screener for mania of being more excited and full of energy and having a racing mind. Of the two ways of screening, the former is weaker and requires 4 instead of 3 symptoms to meet the criterion B.

Value of MIABDBI	Condition(s)	Explanation
1	SCRB_24 < > 1 and SCRB_25A = 1	Respondent reported irritable mood but no excessive excitement, energy, and racing mind.
2	SCRB_24 = 1 or (SCRB_24 = 2, DK, R) and [(SCRB_25 = 2, DK, R) or (SCRB_25A = 2, DK, R)]	Respondent did not report only irritable mood or did not screen into Mania module.

Calculation of Mania - Lifetime Criterion B

Value of MIABDB	Condition(s)	Explanation
1	MIABDBI = 1 and (4 or more of (MIABDB1, MIABDB2, MIABDB3, MIABDB4, MIABDB5, MIABDB6, MIABDB7) = 1) or MIABDBI = 2 and (3 or more of (MIABDB1, MIABDB2, MIABDB3, MIABDB4, MIABDB5, MIABDB6, MIABDB7) = 1)	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion B. During the mood disturbance, three or more of the seven symptoms (or four more if mood is only irritable) were present.
2	MIABDBI = 1 and (4 or more of (MIABDB1, MIABDB2, MIABDB3, MIABDB4, MIABDB5, MIABDB6, MIABDB7) = 2) or MIABDBI = 2 and (5 or more of (MIABDB1, MIABDB2, MIABDB3, MIABDB4, MIABDB5, MIABDB6, MIABDB7) = 2)	Respondent does not meet lifetime Criterion B. Fewer than three of the seven symptoms (fewer than four if mood is only irritable) were present.
NS	MIABDB1 = NS or MIABDB2 = NS or MIABDB3 = NS or MIABDB4 = NS or MIABDB5 = NS or MIABDB6 = NS or MIABDB7 = NS	Respondent has a non-response (not stated) value in one of the derived variable required for calculation.

11) Mania - Lifetime Criterion D, Part 1**Variable name:** MIABDD1**Based on:** MIAB_09, MIAB_09A, MIAB_29, MIAB_33, MIABD277

Description: This variable identifies whether the lifetime mood disturbance is sufficiently severe to cause marked impairment in normal daily activities, occupational functioning or in usual social activities or relationships with others.

11a) Social and Occupational Interference**Variable name:** MIABD277**Based on:** MIAB_27A, MIAB_271, MIAB_272, MIAB_27C, MIAB_27D**Description:** This variable identifies whether the most severe manic feelings experienced in the past year significantly interfered with the respondent's home, work, or school responsibilities, his/her ability to form and maintain close relationships, or his/her social life..

Value of MIABD277	Condition(s)	Explanation
1	7 <= MIAB_27A <= 10 or 7 <= MIAB_271 <= 10 or 7 <= MIAB_272 <= 10 or 7 <= MIAB_27C <= 10 or 7 <= MIAB_27D <= 10	The respondent experienced significant interference in home, work, or school responsibilities, or his/her ability to form and maintain close relationships, or his/her social life.
2	(MIAB_27A <= 6 or MIAB_27A = NA) and (MIAB_271 <= 6 or MIAB_271 = 11, NA) and (MIAB_272 <= 6 or MIAB_272 = 11, NA) and (MIAB_27C <= 6 or MIAB_27C = NA) and (MIAB_27D <= 6 or MIAB_27D = NA)	The respondent did not experience significant interference with home, work, and school responsibilities and his/her ability to form and maintain close relationships and in his/her social life.
NS	(MIAB_27A = DK, R, NS) or (MIAB_271 = DK, R, NS) or (MIAB_272 = DK, R, NS) or (MIAB_27C = DK, R, NS) or (MIAB_27D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Calculation of Lifetime Criterion D, Part 1

Value of MIABDD1	Condition(s)	Explanation
1	(MIAB_09 = 4, 5) or (MIAB_09A = 1, 2) or MIABD277 = 1 or 5 <= MIAB_29 <= 365 or MIAB_33 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion D, Part 1. The mood disturbance was sufficiently severe to cause marked impairment in normal daily activities, occupational functioning or in usual social activities or relationships with others.
2	(MIAB_09 = 1, 2, NA) or [(MIAB_09 = 3, NA) and (MIAB_09A = 3, 4, NA) and MIABD277 = 2 and (MIAB_29 < 5 or MIAB_29 = NA) and (MIAB_33 = 2, NA)]	Respondent does not meet CCHS 1.2/WMH-CIDI Criterion D, Part 1. Respondent did not report marked impairment in occupational functioning nor in usual social activities nor relationships with others.
NS	(MIAB_09 = DK, R, NS) or (MIAB_09A = DK, R, NS) or MIABD277 = NS or (MIAB_29 = DK, R, NS) or (MIAB_33 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation or respondent has a non-response (not stated) value in the derived variable required for calculation.

12) Mania - Lifetime Criterion D, Part 2

Variable name: MIABDD2

Based on: MIAB_33, MIAB_48

Description: This variable identifies whether the lifetime mood disturbance was sufficiently severe to necessitate hospitalisation to prevent harm to self.

Value of MIABDD2	Condition(s)	Explanation
1	MIAB_48 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion D, Part 2. Respondent reported mood disturbance sufficiently severe to necessitate hospitalisation to prevent harm to self.
2	(MIAB_48 = 2, NA)	Respondent did not meet lifetime CCHS 1.2/WMH-CIDI Criterion D, Part 2. Respondent did not report mood disturbance sufficiently severe to necessitate hospitalisation to prevent harm to self.
NS	(MIAB_33 = DK, R, NS) or (MIAB_48 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

13) Mania - Lifetime Criterion D, Part 3

Variable name: MIABDD3

Based on: MIAB_070

Description: This variable identifies whether respondent reported psychotic features such as thinking they were someone else, or thinking they had a special connection with a famous person that they didn't really have.

Value of MIABDD3	Condition(s)	Explanation
1	MIAB_070 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion D, Part 3. Respondent reported psychotic features.
2	(MIAB_070 = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion D, Part 3. Respondent did not report psychotic features.
NS	(MIAB_070 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

14) Mania - Lifetime Criterion D (Parts 1, 2, 3 Combined)

Variable name: MIABDD

Based on: MIABDD1, MIABDD2, MIABDD3

Description: This variable identifies whether the respondent meets Criterion D of the lifetime CCHS 1.2/WMH-CIDI algorithm criteria. The criterion is met if the respondent reports one of the following:

1. a marked impairment in normal daily activities, occupational functioning, in usual social activities or in relationships with others;
2. psychotic features were present during the mood disturbance; or
3. the mood disturbance was sufficiently severe to necessitate hospitalisation to prevent harm to self.

Value of MIABDD	Condition(s)	Explanation
1	MIABDD1 = 1 or MIABDD2 = 1 or MIABDD3 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion D. Respondent reported marked impairment in functioning or psychotic features or hospitalization.
2	MIABDD1 = 2 and MIABDD2 = 2 and MIABDD3 = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion D. Respondent did not report marked impairment in functioning nor psychotic features nor hospitalization.
NS	MIABDD1 = NS or MIABDD2 = NS or MIABDD3 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

15) Mania - Lifetime Algorithm

Variable name: MIABDEPS

Based on: MIABDA, MIABDB, MIABDD

Description: This variable identifies whether the respondent meets the lifetime CCHS 1.2/WMH-CIDI criteria for Mania. Respondents who meet the criteria reported:

1. a distinct period of abnormally and persistently elevated, expansive or irritable mood lasting at least one week;
2. three or more of seven symptoms (or four or more if mood is only irritable) were present during the mood disturbance. Symptom are inflated self-esteem or grandiosity; decreased need for sleep, more talkative than usual; flight of ideas or racing thoughts; distractibility; increase in goal-oriented activity or psychomotor agitation; and excessive involvement in pleasurable activities with high potential for painful consequences; and
3. marked impairment in normal daily activities, occupational functioning or usual social activities or relationships with others; or mood disturbance includes psychotic features; or mood disturbance severe enough to require hospitalisation.

Value of MIABDEPS	Condition(s)	Explanation
1	MIABDA = 1 and MIABDB = 1 and MIABDD = 1 and MIABDE = 1	All CCHS 1.2/WMH-CIDI criteria are met for lifetime Mania.

2	MIABDA = 2 or MIABDB = 2 or MIABDD = 2 or MIABDE = 2	All CCHS 1.2/WMH-CIDI criteria are not met for lifetime Mania.
NS	MIABDA = NS or MIABDB = NS or MIABDD = NS or MIABDE = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

16) Mania - Age of Onset - Grouped

Variable name: MIABGON

Based on: MIAB_03A, MIAB_03C, MIAB_06A, MIAB_06C, MIAB_18A, MIAB_18B, MIAB_48A, MIABDEPS

Description: This variable identifies the respondent's age at the start of their first manic episode. This variable is only calculated for respondents who meet the lifetime CCHS 1.2/WMH-CIDI criteria for mania.

In order to ensure individuals were not identifiable, records have been collapsed into age groupings. See data dictionary.

Value of MIABGON	Condition(s)	Explanation
NA	MIABDEPS = 2	Respondent does not meet the lifetime CCHS 1.2/WMH-CIDI criteria for a Manic Episode.
Minimum value of (MIAB_03A, MIAB_03C, MIAB_06A, MIAB_06C, MIAB_18A, MIAB_18B, MIAB_48A) (min: 0; max: current age)	MIABDEPS = 1 and (MIAB_03A < NA or MIAB_03C < NA or MIAB_06A < NA or MIAB_06C < NA or MIAB_18A < NA or MIAB_18B < NA or MIAB_48A < NA)	The respondent's age at first manic episode.
NS	MIABDEPS = NS or (MIAB_03A = DK, R, NS) or (MIAB_03C = DK, R, NS) or (MIAB_06A = DK, R, NS) or (MIAB_06C = DK, R, NS) or (MIAB_18A = DK, R, NS) or (MIAB_18B = DK, R, NS) or (MIAB_48A = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Temporary Reformats

Reformat	Explanation
If (MIAB_03A = NA, DK, R, NS) then MIARQ03A = missing If (MIAB_03C = NA, DK, R, NS) then MIARQ03C = missing If (MIAB_06A = NA, DK, R, NS) then MIARQ06A = missing If (MIAB_06C = NA, DK, R, NS) then MIARQ06C = missing If (MIAB_18A = NA, DK, R, NS) then MIARQ18A = missing If (MIAB_18B = NA, DK, R, NS) then MIARQ8B = missing If (MIAB_19D = NA, DK, R, NS) then MIARQ19D = missing	Recode non-response to missing.

17) Mania - Recency Age - Grouped

Variable name: MIABGREC

Based on: MIAB_03A, MIAB_03C, MIAB_06A, MIAB_06C, MIAB_18A, MIAB_18B, MIAB_19, MIAB_191, MIAB_19D, MIAB_48A, DHHB_AGE, MIABDEPS

Description: This variable identifies the respondent's age at their last manic episode. This variable is only calculated for respondents who meet the CCHS 1.2/WMH-CIDI criteria for manic episode.

In order to ensure individuals were not identifiable, records have been collapsed into groups of "age at most recent episode". See Data Dictionary.

Value of MIABGREG	Condition(s)	Explanation
NA	MIABDEPS = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for a diagnosis of a Manic Episode.
Value of DHHB_AGE	MIABDEPS = 1 and (MIAB_19 = 1 or MIAB_191 = 1)	Recency age is current age when respondent reported a 12-month episode.
NS	(MIAB_03C => NA and MIAB_06C => NA and MIAB_19D => NA) and At least one of (MIAB_03C, MIAB_06C, MIAB_19D = DK, R, NS)	Respondent did not answer (not applicable, don't know, refusal, not stated) the intended 'Recent Episode' questions.
Maximum value of (MIAB_03A, MIAB_03C, MIAB_06A, MIAB_06C, MIAB_18A, MIAB_18B, MIAB_19D) that are < NA (min: 0; max: current age)	MIABDEPS = 1 and (MIAB_03A < NA or MIAB_03C < NA or MIAB_06A < NA or MIAB_06C < NA or MIAB_18A < NA or MIAB_18B < NA or MIAB_19D < NA)	Recency age is oldest age of episodes reported.
NS	MIABDEPS = NS or (MIAB_03A = DK, R, NS) or (MIAB_03C = DK, R, NS) or (MIAB_06A = DK, R, NS) or (MIAB_06C = DK, R, NS) or (MIAB_18A = DK, R, NS) or (MIAB_18B = DK, R, NS) or (MIAB_19D = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

18) Mania – Persistence – Grouped

Variable name: MIABGPER

Based on: MIABG3B, MIABG3D, MIABG6B, MIABG6D, MIABG18D, MIABG22, MIABDEPS

Description: This variable identifies the longest period associated with a manic episode experienced by the respondent. It is calculated as the longest episode reported and is calculated only for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for mania.

In order to ensure individuals were not identifiable, records have been collapsed into groupings of duration periods. See data dictionary.

Value of MIABGPER	Condition(s)	Explanation
NA	MIABDEPS = 2	Respondent did not meet CCHS 1.2/WMH-CIDI criteria for a diagnosis of a manic episode.
NS	MIABG22 = NS	Respondent did not answer (not stated) the intended 'Longest Episode' indicator.
Maximum of (MIABG3B, MIABG3D, MIABG6B, MIABG6D, MIABG18D, MIABG22) Min: 0 Max: current age	MIABDEPS = 1 and (MIABG3B < NA or MIABG3D < NA or MIABG6B < NA or MIABG6D < NA or MIABG18D < NA or MIABG22 < NA)	Persistence is the duration of the respondent's longest reported manic episode. Minimum 2 weeks, up to a maximum of 5 years or longer.

NS	MIABDEPS = NS or (MIABG3B = NA, NS) or (MIABG3D = NA, NS) or (MIABG6B = NA, NS) or (MIABG6D = NA, NS) or (MIABG18D = NA, NS) or MIABG22 = NS	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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Mania – Past 12 months

19) Mania - Past 12 Months, Criterion A

Variable name: MIABDYA

Based on: MIABDEPS

Description: This variable identifies respondents who meet the lifetime CCHS 1.2/WMH-CIDI criteria for manic episode.

Value of MIABDYA	Condition(s)	Explanation
1	MIABDEPS = 1	Respondent meets Criterion A. Respondent meets the lifetime criteria for manic episode.
2	MIABDEPS = 2	Respondent does not meet Criterion A. Respondent does not meet the lifetime criteria for manic episode.
NS	MIABDEPS = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.

20) Mania - Past 12 Months, Criterion B

Variable name: MIABDYB

Based on: MIAB_19, MIAB_191, MIAB_03A, MIAB_03C, MIAB_06A, MIAB_06C, MIAB_18A, MIAB_18B, DHHB_AGE

Description: This variable identifies respondents who report having a manic episode in the 12 months prior to the interview.

Value of MIABDYB	Condition(s)	Explanation
1	MIAB_19 = 1 or MIAB_191 = 1 or MIAB_03A = DHHB_AGE or MIAB_03C = DHHB_AGE or MIAB_06A = DHHB_AGE or MIAB_06C = DHHB_AGE or MIAB_18A = DHHB_AGE or MIAB_18B = DHHB_AGE	Respondent meets past 12-month CCHS 1.2/WMH-CIDI Criterion B. Respondent reported having a manic episode in the 12 months prior to the interview.

2	[MIAB_19 = 2 or MIAB_191 = 2 or (MIAB_19 = NA and MIAB_191 = NA)] and [MIAB_03A < DHHB_AGE or MIAB_03C < DHHB_AGE or MIAB_06A < DHHB_AGE or MIAB_06C < DHHB_AGE or (MIAB_03A = NA and MIAB_03C = NA and MIAB_06A = NA and MIAB_06C = NA)] and [MIAB_18A < DHHB_AGE or MIAB_18B < DHHB_AGE or (MIAB_18A = NA and MIAB_18B = NA)]	Respondent does not meet Past 12-month CCHS 1.2/WMH- CIDI Criterion B. Respondent did not report having a manic episode in the 12 months prior to the interview.
NS	(MIAB_19 = DK, R, NS) or (MIAB_191 = DK, R, NS) or (MIAB_03A = DK, R, NS) or (MIAB_03C = DK, R, NS) or (MIAB_06A = DK, R, NS) or (MIAB_06C = DK, R, NS) or (MIAB_18A = DK, R, NS) or (MIAB_18B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

21) Mania - Past 12 Months, Criterion C

Variable name: MIABDYC

Based on: MIAB_27A, MIAB_271, MIAB_272, MIAB_27C, MIAB_27D, MIAB_29, MIAB_47

Description: This variable identifies respondents who reported manic symptoms that caused clinically significant distress or impairment in social, occupational or other important areas of functioning in the 12 months prior to the interview.

Value of MIABDYC	Condition(s)	Explanation
1	7 <= MIAB_27A <= 10 or 7 <= MIAB_271 <= 10 or 7 <= MIAB_272 <= 10 or 7 <= MIAB_27C <= 10 or 7 <= MIAB_27D <= 10 or 5 <= MIAB_29 <= 365 or MIAB_47 = 1	Respondent meets past 12 months CCHS 1.2/WMH-CIDI Criterion C. Respondent reported clinically significant distress or impairment in social, occupational or other important areas of functioning in the 12 months prior to interview.
2	(0 <= MIAB_27A < 7 or MIAB_27A = NA) and [0 <= MIAB_271 < 7 or (MIAB_271 = 11, NA)] and [0 <= MIAB_272 < 7 or (MIAB_272 = 11, NA)] and (0 <= MIAB_27C < 7 or MIAB_27C = NA) and (0 <= MIAB_27D < 7 or MIAB_27D = NA) and (0 <= MIAB_29 < 5 or MIAB_29 = NA) and (MIAB_47 = 2, NA)	Respondent does not meet past 12 months CCHS 1.2/WMH-CIDI Criterion C. Respondent did not report clinically significant distress or impairment in social, occupational nor other important areas of functioning in the 12 months prior to interview.

NS	(MIAB_27A = DK, R, NS) or (MIAB_271 = DK, R, NS) or (MIAB_272 = DK, R, NS) or (MIAB_27C = DK, R, NS) or (MIAB_27D = DK, R, NS) or (MIAB_29 = DK, R, NS) or (MIAB_47 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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22) Mania – Past 12 Months Algorithm

Variable name: MIABDEY

Based on: MIABDYA, MIABDYB, MIABDYC

Description: This is the final variable that identifies whether respondents meet or fail to meet the CCHS 1.2/WMH-CIDI criteria for manic episode in the 12 months prior to the interview. Respondents who meet the criteria report:

1. meeting the criteria for lifetime manic episode;
2. having a manic episode in the 12 months prior to the interview; and
3. clinically significant distress or impairment in social, occupational or other important areas of functioning.

Value of MIABDEY	Condition(s)	Explanation
1	MIABDYA = 1 and MIABDYB = 1 and MIABDYC = 1	All CCHS 1.2/WMH-CIDI criteria are met for past 12-month mania. Respondent reported (1) meeting the CCHS 1.2/WMH-CIDI criteria for lifetime manic episode; (2) having a manic episode in the 12 months prior to the interview; and (3) clinically significant distress or impairment in social, occupational or other important areas of functioning.
2	MIABDYA = 2 or MIABDYB = 2 or MIABDYC = 2	All CCHS 1.2/WMH-CIDI Criteria are not met for past 12-month manic episode. Respondent did not report (1) meeting the CCHS 1.2/WMH-CIDI criteria for lifetime manic episode; (2) having a manic episode in the 12 months prior to the interview; or (3) clinically significant distress or impairment in social, occupational or other important areas of functioning.
NS	MIABDYA = NS or MIABDYB = NS or MIABDYC = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

23) Mania Interference - Mean

Variable name: MIABDINT

Based on: MIAB_27A, MIAB_271, MIAB_272, MIAB_27C, MIAB_27D, MIABDEY

Description: This variable describes the interference that mania had on daily activities and responsibilities in the past 12 months. This is a mean of the five items.

Note: This question is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a past 12-month episode.

Value of MIABDINT	Condition(s)	Explanation
NA	MIABDEY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for past 12-month manic episode.
NS	MIAB_27A = NA and MIAB_271 = NA and MIAB_272 = NA and MIAB_27C = NA and MIAB_27D = NA	Respondent reported having a manic episode in the 12 months prior to the interview, but were not asked the interference questions due to inconsistency in their reporting.
NS	MIABDEY = NS or (MIAB_27A = DK, R, or NS) or (MIAB_271 = DK, R, or NS) or (MIAB_272 = DK, R, or NS) or (MIAB_27C = DK, R, or NS) or (MIAB_27D = DK, R, or NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
$(\text{MIAB_27A} + \text{MIAB_271} + \text{MIAB_272} + \text{MIAB_27C} + \text{MIAB_27D}) / 5$ (min: 0.0; max: 10.0) (round to .1)	MIABDEY = 1 and $0 \leq \text{MIAB_271} \leq 10$ and $0 \leq \text{MIAB_272} \leq 10$ and $0 \leq \text{MIAB_27A} \leq 10$ and $0 \leq \text{MIAB_27C} \leq 10$ and $0 \leq \text{MIAB_27D} \leq 10$	Interference = mean of all five items. Respondent answered all five questions.
$(\text{MIAB_27A} + \text{MIAB_272} + \text{MIAB_27C} + \text{MIAB_27D}) / 4$ (min: 0.0; max: 10.0) (round to .1)	MIABDEY = 1 and MIAB_271 = 11 and $0 \leq \text{MIAB_272} \leq 10$ and $0 \leq \text{MIAB_27A} \leq 10$ and $0 \leq \text{MIAB_27C} \leq 10$ and $0 \leq \text{MIAB_27D} \leq 10$	Interference = mean of four items that applied to respondent. MIAB_271 was not applicable (i.e., they did not attend school within the past 12 months).
$(\text{MIAB_27A} + \text{MIABc_271} + \text{MIAB_27C} + \text{MIAB_27D}) / 4$ (min: 0.0; max: 10.0) (round to .1)	MIABDEY = 1 and $0 \leq \text{MIAB_271} \leq 10$ and MIAB_272 = 11 and $0 \leq \text{MIAB_27A} \leq 10$ and $0 \leq \text{MIAB_27C} \leq 10$ and $0 \leq \text{MIAB_27D} \leq 10$	Interference = mean of four items that applied to respondent. MIAB_272 was not applicable (i.e., they did not have a job within the past 12 months).
$(\text{MIAB_27A} + \text{MIAB_27C} + \text{MIAB_27D}) / 3$ (min: 0.0; max: 10.0) (round to .1)	MIABDEY = 1 and MIAB_271 = 11 and MIAB_272 = 11 and $0 \leq \text{MIAB_27A} \leq 10$ and $0 \leq \text{MIAB_27C} \leq 10$ and $0 \leq \text{MIAB_27D} \leq 10$	Interference = mean of three items that applied to respondent. MIAB_271 and MIAB_272 were not applicable (i.e., they did not attend school and did not have a job within the past 12 months).

24) Flag for Mania Interference

Variable name: MIABFINT

Based on: MIAB_27A, MIAB_271, MIAB_272, MIAB_27C, MIAB_27D, MIABDEY

Description: This variable describes the interference that mania had on daily activities and responsibilities in the past 12 months. This is a classification that indicates whether mania interferes significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships.

This question is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a 12-month episode.

Value of MIABFINT	Condition(s)	Explanation
NA	MIABDEY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for past 12-month manic episode.
NS	MIAB_27A = NA and MIAB_271 = NA and MIAB_272 = NA and MIAB_27C = NA and MIAB_27D = NA	Respondent reported having a manic episode in the 12 months prior to the interview, but were not asked the interference questions due to inconsistency in their reporting.
1	MIABDEY = 1 and (7 <= MIAB_27A <= 10 or 7 <= MIAB_271 <= 10 or 7 <= MIAB_272 <= 10 or 7 <= MIAB_27C <= 10 or 7 <= MIAB_27D <= 10)	Mania caused significant interference with the person's normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months.
2	MIABDEY = 1 and [0 <= MIAB_27A <= 6 and (0 <= MIAB_271 <= 6 or MIAB_271 = 11) and (0 <= MIAB_272 <= 6 or MIAB_272 = 11) and 0 <= MIAB_27C <= 6 and 0 <= MIAB_27D <= 6]	Mania did not cause significant interference with the person's normal routine, occupation (academic) functioning nor social activities nor relationships in the past 12 months.
NS	MIABDEY = NS or (MIAB_27A = DK, R, or NS) or (MIAB_271 = DK, R, or NS) or (MIAB_272 = DK, R, or NS) or (MIAB_27C = DK, R, or NS) or (MIAB_27D = DK, R, or NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Panic Disorder (19 DVs)

For the purpose of CCHS 1.2 – Mental Health and Well-being, Panic Disorder is characterised by repeated and unexpected attacks of intense fear and anxiety, in the absence of real danger, accompanied by physiological manifestations such as palpitations, chest pain, choking, dizziness, sweating, nausea or abdominal distress, trembling or hot flushes or chills.

The questions on Panic are based on a recognized World Mental Health version of the Composite International Diagnostic Interview (WMH-CIDI) modified for the needs of CCHS 1.2. The WMH-CIDI instrument, as part of the WMH2000 Project (World Mental Health 2000) is a World Health Organization worldwide initiative to assess the prevalence rates of various mental disorders in multiple countries.

The WMH-CIDI is a standardized instrument for assessment of mental disorders and conditions according to an operationalization of the definitions and criteria of DSM-IV and ICD-10. DSM refers to the Diagnostic and Statistical Manual of Mental Disorders used by the American Psychiatric Association. It is an internationally recognized classification of mental disorders with several versions. Mental conditions or problems found in the CCHS 1.2 are partially coded either to DSM-IV or DSM-III-R. CCHS 1.2 does not support the ICD-10 algorithms.

The WMH2000 Project supported several versions of the Computer-Assisted Personal Interview (CAPI) and Paper and Pencil Personal Interview (PAPI) WMH-CIDI instrument. The Project has already established a working group that will be examining the methodological differences to ensure that international comparison is done appropriately. Panic is one of five conditions in the WMH2000 Project that are assessed in this survey. Both lifetime and past year diagnoses are assessed. Past year episode refers to the 12 months preceding the interview.

As part of its support documentation, CCHS 1.2 is providing information on all temporary and interim derived variables used to compute the final derived variables of lifetime and past 12-month profiled conditions. For most users, the final derived variables in addition to the derived variables pertaining to recency, duration, onset and interference will be sufficient to conduct analyses.

In regards to Panic, the variables of primary interest are:

Variable	Concept	Variable Number
PADBDATT	Lifetime algorithm-Attack	4
PADBDPDS	Lifetime algorithm-Disorder	8
PADBDATY	Past 12-month algorithm-Attack	13
PADBDDY	Disorder	17
PADBGONA	Onset – Attack	9
PADBGON	Onset - Disorder	10
PADBGREC	Recency	11

PADBGPER	Persistence	12
PABDINT	Past 12-month interference	18

The criteria used to derive the final variables for this current profiled mental condition along with their respective temporary and interim variables are operationalized to partially meet the DSM-IV definitions/classification. While the questionnaire and the algorithms are based on worldwide recognised approaches and classification, this method can not be used to diagnose individuals with this profile condition. Only professionally trained medical staff can do this.

The CCHS 1.2 instrument collects a wealth of information pertaining to this specific mental health condition such as number of symptoms and their overall severity, duration, and intensity; however, the structured approach used by the computerized instrument is not designed to collect some of the more complex information used by professionally trained staff to make a final diagnosis according to the DSM-IV classification. For example, there are no algorithms available to support the creation of derived variables pertaining to the subtypes or specifiers relevant to the disorder. Also, although the instrument does collect some information used for the operationalization of the organic/physical exclusions and the hierarchical ruling, STC recommends that this information be used by DSM experts in light of its complex nature.

In addition to information on mental conditions, the WMH-CIDI instrument also collects information on many important correlates of mental health such as health care service utilization and support. The CCHS 1.2 data collected on mental health correlates is not based on the WMH-CIDI instrument. Although international comparison on such data is important, Statistics Canada, in discussion with its stakeholders, decided that the CCHS 1.2 data should support and complement the Canadian information already available from CCHS 1.1 and other past NPHS cycles.

To facilitate comparison to the DSM, the criteria are more or less itemized in the way they appear in the DSM-IV. This correspondence is only used here to provide a common language that should ease the interpretation of the results. However, it would be inappropriate to assume a direct correspondence between our criteria and the DSM-IV criteria given the operational limitations associated with the questionnaire and the algorithm in addition to the complex nature of the topic.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI lifetime criteria associated with Panic Disorder reported:

1. recurrent unexpected panic attacks followed by at least a month of concern about having additional attacks or their implications or a change in behaviour related to attacks.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI 12-month criteria associated with Panic Disorder:

1. meet the criteria for lifetime diagnosis of Panic Disorder;
2. report a 12-month episode; and
3. report emotional distress.

Lifetime and 12-month Panic Attacks are also calculated.

For the purposes of this survey, respondents who experienced the following lifetime CCHS 1.2/WMH-CIDI criteria for Panic Attack report:

1. discrete period of intense fear or discomfort;
2. four or more physiological symptoms; and
3. symptoms develop abruptly and peak within ten minutes of their onset.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI criteria for 12-month Panic Attack:

1. meet the lifetime criteria for panic attack and
2. report a panic attack in the past 12 months.

Panic Attack - Lifetime

1) Panic Attack - Lifetime Criterion A

Variable name: PADBDA

Based on: SCRB_20, SCRB_20A

Description: This variable assesses CCHS 1.2/WMH-CIDI Criterion A of lifetime Panic attack and identifies respondents who report a discrete period of intense fear or discomfort at some time in their lives.

Value of PADBDA	Condition(s)	Explanation
1	SCRB_20 = 1 or SCRB_20A = 1	Respondent meets lifetime Criterion A. Respondent reported a discrete period of intense fear or discomfort.
2	SCRB_20 = 2 and SCRB_20A = 2	Respondent does not meet lifetime Criterion A. Respondent did not report a discrete period of intense fear nor discomfort.
NS	(SCRB_20 = DK, R, NS) or (SCRB_20A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2) Panic Attack - Lifetime Criterion B

Variable name: PADBDB

Based on: PADBDB01, PADBDB02, PADBDB03, PADBDB04, PADBDB05, PADBDB06, PADBDB07, PADBDB08, PADBDB09, PADBDB10, PADBDB11, PADBDB12, PADBDB13, PADBDB14

Description: This variable assesses whether the respondent meets Criterion B of the lifetime CCHS 1.2/WMH-CIDI criteria for panic attack. The criterion is met if the respondent reported four or more of the following 14 symptoms associated with panic:

1. palpitations, pounding heart, or accelerated heart rate;
2. sweating;
3. trembling or shaking;
4. shortness or breath;
5. feeling of choking;
6. chest pains or discomfort;
7. nausea or abdominal distress;
8. feeling dizzy, faint, unsteady, or light-headed;
9. feelings of unreality or being detached from oneself;
10. fear of losing control or going crazy;
11. fear of dying;
12. numbing or tingling sensations;
13. chills or hot flushes;
14. dry mouth.

The variables for these symptoms are created first and then used to calculate Criterion B.

Note: The questionnaire was designed so that the respondent skipped to PADB_03 when the respondent gave four "yes" responses to PADB_01A to PADB_01P. It was assumed that once four questions were endorsed, the four symptom requirement for Criterion B of Panic Attack would be met. However, this skip strategy overlooked the fact that PADB_01G (dry mouth) was not one of the symptoms in the DSM-IV and also that PADB_01D and PADB_01M both contribute towards the same symptom (feeling dizzy, unsteady, light-headed or faint). This means that respondents who endorsed a total of four questions that included either PADB_01G OR PADB_01D

and PADB_01M and who skipped out before the reaching PADB_01P will meet only three symptoms. They will fail to meet the CCHS 1.2/WMH-CIDI Criterion B of Panic Attack, which is a necessary DSM-IV criterion for Panic Attack and Panic Disorder. As a result of consultation with the WMH team, symptom 14 (dry mouth) was added to take PADB_01G into consideration. No change is made to accommodate PADB_01D and PADB_01M.

2a) Symptom 1 – Palpitations, Pounding Heart, or Accelerated Heart Rate

Variable name: PADBDB01

Based on: PADB_01A

Description: This variable identifies respondents who reported palpitations, pounding heart, or accelerated heart rate as a symptom associated with a panic attack.

Value of PADBDB01	Condition(s)	Explanation
1	PADB_01A = 1	Respondent reported symptoms of palpitations, pounding heart, or accelerated heart rate.
2	(PADB_01A = 2, NA)	Respondent did not report symptoms of palpitations, pounding heart, or accelerated heart rate.
NS	(PADB_01A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2b) Symptom 2 – Sweating

Variable name: PADBDB02

Based on: PADB_01E

Description: This variable identifies respondents who reported sweating as a symptom associated with a panic attack.

Value of PADBDB02	Condition(s)	Explanation
1	PADB_01E = 1	Respondent reported symptoms of sweating.
2	(PADB_01E = 2, NA)	Respondent did not report symptoms of sweating.
NS	(PADB_01E = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2c) Symptom 3 – Trembling or Shaking

Variable name: PADBDB03

Based on: PADB_01F

Description: This variable identifies respondents who reported trembling or shaking as a symptom associated with a panic attack.

Value of PADBDB03	Condition(s)	Explanation
1	PADB_01F = 1	Respondent reported symptoms of trembling or shaking.
2	(PADB_01F = 2, NA)	Respondent did not report symptoms of trembling or shaking.
NS	(PADB_01F = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2d) Symptom 4 – Sensation of Shortness of Breath**Variable name:** PADBDB04**Based on:** PADB_01B**Description:** This variable identifies respondents who reported a sensation of shortness of breath as a symptom associated with a panic attack.

Value of PADBDB04	Condition(s)	Explanation
1	PADB_01B = 1	Respondent reported sensation of shortness of breath.
2	(PADB_01B = 2, NA)	Respondent did not report sensation of shortness of breath.
NS	(PADB_01B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2e) Symptom 5 – Feeling of Choking**Variable name:** PADBDB05**Based on:** PADB_01H**Description:** This variable identifies respondents who reported a feeling of choking as a symptom associated with a panic attack.

Value of PADBDB05	Condition(s)	Explanation
1	PADB_01H = 1	Respondent reported feelings of choking.
2	(PADB_01H = 2, NA)	Respondent did not report feelings of choking.
NS	(PADB_01H = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2f) Symptom 6 – Chest Pain or Discomfort**Variable name:** PADBDB06**Based on:** PADB_01I**Description:** This variable identifies respondents who reported chest pain or discomfort as a symptom associated with a panic attack.

Value of PADBDB06	Condition(s)	Explanation
1	PADB_01I = 1	Respondent reported symptoms of chest pain or discomfort.
2	(PADB_01I = 2, NA)	Respondent did not report symptoms of chest pain or discomfort.
NS	(PADB_01I = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2g) Symptom 7 – Nausea or Abdominal Distress**Variable name:** PADBDB07**Based on:** PADB_01C**Description:** This variable identifies respondents who reported nausea or abdominal distress as a symptom associated with a panic attack.

Value of PADBDB07	Condition(s)	Explanation
1	PADB_01C = 1	Respondent reported symptoms of nausea or abdominal distress.
2	(PADB_01C = 2, NA)	Respondent did not report symptoms of nausea or abdominal distress.
NS	(PADB_01C = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2h) Symptom 8 – Feeling Dizzy, Unsteady, Light-Headed or Faint

Variable name: PADBDB08

Based on: PADB_01D, PADB_01M

Description: This variable identifies respondents who reported feeling dizzy, unsteady, light-headed, or feeling faint as symptoms associated with a panic attack.

Value of PADBDB08	Condition(s)	Explanation
1	PADB_01D = 1 or PADB_01M = 1	Respondent reported symptoms of dizziness, unsteadiness, light-headedness, or feeling faint.
2	(PADB_01D = 2, NA) and (PADB_01M = 2, NA)	Respondent did not report symptoms of dizziness, unsteadiness, light-headedness, nor of feeling faint.
NS	(PADB_01D = DK, R, NS) or (PADB_01M = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2i) Symptom 9 – Derealization or Depersonalization

Variable name: PADBDB09

Based on: PADB_01K, PADB_01L

Description: This variable identifies respondents who reported feeling like they were “not really there” (depersonalization) or feeling that things around them were not real or like a dream (derealization) as symptoms associated with a panic attack.

Value of PADBDB09	Condition(s)	Explanation
1	PADB_01K = 1 or PADB_01L = 1	Respondent reported derealization or depersonalization.
2	(PADB_01K = 2, NA) and (PADB_01L = 2, NA)	Respondent did not report derealization nor depersonalization.
NS	(PADB_01K = DK, R, NS) or (PADB_01L = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2j) Symptom 10 – Fear of Losing Control or Going Crazy

Variable name: PADBDB10

Based on: PADB_01J

Description: This variable identifies respondents who reported a fear of losing control or going crazy as symptoms associated with a panic attack.

Value of PADBDB10	Condition(s)	Explanation
1	PADB_01J = 1	Respondent reported fear of losing control or going crazy.
2	(PADB_01J = 2, NA)	Respondent did not report fears of losing control or going crazy.
NS	(PADB_01J = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2k) Symptom 11 – Fear of Dying

Variable name: PADBDB11

Based on: PADB_01N

Description: This variable identifies respondents who reported a fear of dying as a symptom associated with a panic attack.

Value of PADBDB11	Condition(s)	Explanation
1	PADB_01N = 1	Respondent reported a fear of dying.
2	(PADB_01N = 2, NA)	Respondent did not report a fear of dying.
NS	(PADB_01N = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2l) Symptom 12 – Paresthesias

Variable name: PADBDB12

Based on: PADB_01P

Description: This variable identifies respondents who reported feeling numbness or tingling sensations (paresthesias) as a symptom associated with a panic attack.

Value of PADBDB12	Condition(s)	Explanation
1	PADB_01P = 1	Respondent reported paresthesias.
2	(PADB_01P = 2, NA)	Respondent did not report paresthesias.
NS	(PADB_01P = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2m) Symptom 13 – Chills or Hot Flushes

Variable name: PADBDB13

Based on: PADB_01O

Description: This variable identifies respondents who reported chills or hot flushes as a symptom associated with a panic attack.

Value of PADBDB13	Condition(s)	Explanation
1	PADB_01O = 1	Respondent reported chills or hot flushes.
2	(PADB_01O = 2, NA)	Respondent did not report chills or hot flushes.
NS	(PADB_01O = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2n) Symptom 14 – Dry Mouth

Variable name: PADBDB14

Based on: PADB_01G

Description: This variable identifies respondents who reported dry mouth as a symptom associated with a panic attack.

Value of PADBDB14	Condition(s)	Explanation
1	PADB_01G = 1	Respondent reported dry mouth.
2	(PADB_01G = 2, NA)	Respondent did not report dry mouth.
NS	(PADB_01G = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

Calculating Panic Attack Criterion B

Value of PADBDB	Condition(s)	Explanation
1	At least 4 of (PADBDB01, PADBDB02, PADBDB03, PADBDB04, PADBDB05, PADBDB06, PADBDB07, PADBDB08, PADBDB09, PADBDB10, PADBDB11, PADBDB12, PADBDB13, PADBDB14) = 1	Respondent meets CCHS 1.2/WMH-CIDI Lifetime Criterion B. Respondent reported four or more symptoms associated with a panic attack.
2	At least 11 of (PADBDB01, PADBDB02, PADBDB03, PADBDB04, PADBDB05, PADBDB06, PADBDB07, PADBDB08, PADBDB09, PADBDB10, PADBDB11, PADBDB12, PADBDB13, PADBDB14) = 2	Respondent does not meet lifetime Criterion B. Respondent did not report four or more symptoms associated with a panic attack.
NS	PADBDB01 = NS or PADBDB02 = NS or PADBDB03 = NS or PADBDB04 = NS or PADBDB05 = NS or PADBDB06 = NS or PADBDB07 = NS or PADBDB08 = NS or PADBDB09 = NS or PADBDB10 = NS or PADBDB11 = NS or PADBDB12 = NS or PADBDB13 = NS or PADBDB14 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

3) Panic Attack - Lifetime Criterion C

Variable name: PADBDC

Based on: PADB_03

Description: This variable assesses CCHS 1.2/WMH-CIDI Criterion C of lifetime Panic Attack. It identifies respondents who reported that their symptoms of panic developed abruptly and reached a peak within 10 minutes of the start of the attack.

Value of PADBDC	Condition(s)	Explanation
1	PADB_03 = 1	Respondent meets lifetime Criterion C. Respondent reported that panic symptoms developed abruptly and reached a peak within 10 minutes.
2	(PADB_03 = 2, NA, DK)	Respondent does not meet lifetime Criterion C. Respondent did not report abrupt symptoms or symptoms that reached a peak within 10 minutes, or reported that they didn't know if the symptoms developed abruptly and reached a peak within 10 minutes of the start of the attack.
NS	(PADB_03 = R, NS)	Respondent did not answer (refusal, not stated) the question required for calculation.

4) Panic Attack - Lifetime Algorithm

Variable name: PADBDATT

Based on: PADBDA, PADBDB, PADBDC

Description: This variable identifies whether the respondent meets the CCHS 1.2/WMH-CIDI criteria for lifetime Panic attack. The criteria are met if the respondent reported:

1. a discrete period of intense fear or discomfort;
2. four or more of the following 14 symptoms associated with panic: palpitations, pounding heart, or accelerated heart rate; sweating; trembling or shaking; shortness or breath; feeling of choking; chest pains or discomfort; nausea or abdominal distress; feeling dizzy, faint, unsteady, or light-headed; feelings of unreality or being detached from oneself; fear of losing control or going crazy; fear of dying; numbing or tingling sensations; chills or hot flushes; dry mouth; and
3. the symptoms developed abruptly and reached a peak within 10 minutes of the start of the attack.

Value of PADBDATT	Condition(s)	Explanation
1	PADBDA = 1 and PADBDB = 1 and PADBDC = 1	Respondent meets all the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Attack. Respondent reported (1) a discrete period of intense fear or discomfort; (2) four or more symptoms associated with panic; and (3) symptoms developed abruptly and reached a peak within 10 minutes.
2	PADBDA = 2 or PADBDB = 2 or PADBDC = 2	Respondent does not meet all the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Attack. Respondent did not report (1) a discrete period of intense fear or discomfort; (2) four or more symptoms associated with panic; or (3) symptoms developed abruptly

		and reached a peak within 10 minutes (or the respondent reported that they did not know if the symptoms developed abruptly and reached a peak within 10 minutes of the start of the attack).
NS	PADBDA = NS or PADBDB = NS or PADBDC = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

Panic Disorder - Lifetime

5) Panic Disorder - Lifetime Criterion A, Part 1

Variable name: PADBDAA1

Based on: PADBDATT, PADB_04, PADB_17A,

Description: This variable assesses CCHS 1.2/WMH-CIDI Criterion A, part 1 of lifetime Panic Disorder. The variable identifies respondents who reported 4 or more recurrent unexpected panic attacks.

Value of PADBDAA1	Condition(s)	Explanation
1	PADBDATT = 1 and 3 < PADB_17A < NA	Respondent meets lifetime Criterion A, Part 1. Respondent reported 4 or more recurrent unexpected panic attacks.
2	PADBDATT = 2 or (PADB_17A = 1, 2, 3, NA)	Respondent does not meet lifetime Criterion A, Part 1. Respondent did not report 4 or more recurrent unexpected panic attacks.
NS	PADBDATT = NS or (PADB_17A = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.

6) Panic Disorder - Lifetime Criterion A, Part 2

Variable name: PADBDAA2

Based on: PADBDAA, PADBDAB, PADBDAC

Description: This variable assesses CCHS 1.2/WMH-CIDI lifetime Panic Disorder Criterion A, part 2. The variable identifies respondents who reported a month or more of at least one of the following:

1. persistent concerns about having additional attacks;
2. worry that something terrible might happen because of the attacks, like having a car accident, having a heart attack or losing control;
3. significant change in behaviour related to the attacks.

A variable for each symptom is created and then used to calculate Criterion A, part 2.

6a) Symptom 1 – Persistent Concern About Having Additional Attacks**Variable name:** PADBDAA**Based on:** PADB_13A**Description:** This variable identifies respondents who reported a month or more when they often worried that they might have another attack.

Value of PADBDAA	Condition(s)	Explanation
1	PADB_13A = 1	Respondent reported a month or more of worry about having another attack.
2	(PADB_13A = 2, NA)	Respondent did not report a month or more of worry about having another attack.
NS	(PADB_13A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

6b) Symptom 2 - Worry About Implications of the Attack or Its Consequences**Variable name:** PADBDAB**Based on:** PADB_13B**Description:** This variable identifies respondents who reported a month or more of worry that something terrible might happen because of the attacks, like having a car accident, having a heart attack or losing control.

Value of PADBDAB	Condition(s)	Explanation
1	PADB_13B = 1	Respondent reported a month or more of worry that something terrible might happen because of attacks.
2	(PADB_13B = 2, NA)	Respondent did not report a month or more of worry that something terrible might happen because of attacks.
NS	(PADB_13B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

6c) Symptom 3 – Significant Change in Behaviour Related to the Attacks**Variable name:** PADBDAC**Based on:** PADB_13C, PADB_13D, PADB_42**Description:** This variable identifies whether at least one of the attacks has been followed by one month or more of significant change in behaviour related to the attacks. These respondents changed their everyday activities or avoided certain situations because of fear of having another attack.

Value of PADBDAC	Condition(s)	Explanation
1	PADB_13C = 1 or PADB_13D = 1 or (PADB_42 = 1, 2)	Respondent reported a month or more of change in behaviour related to the attacks.
2	(PADB_13C = 2, NA) and (PADB_13D = 2, NA) and (PADB_42 = 3, 4, 5, NA)	Respondent did not report a month or more of change in behaviour related to the attacks.
NS	(PADB_13C = DK, R, NS) or (PADB_13D = DK, R, NS) or (PADB_42 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Calculating Panic Disorder Criterion A, Part 2

Value of PADBDDA2	Condition(s)	Explanation
1	PADBDDAA = 1 or PADBDDAB = 1 or PADBDDAC = 1	Respondent meets lifetime Criterion A, Part 2. Respondent reported a month or more of worry about having additional attacks or worry about the implications of the attacks or behaviour change because of the attacks.
2	PADBDDAA = 2 and PADBDDAB = 2 and PADBDDAC = 2	Respondent does not meet lifetime Criterion A, Part 2. Respondent did not report a month or more of worry about having additional attacks nor worry about the implications of the attacks nor behaviour change because of the attacks.
NS	PADBDDAA = NS or PADBDDAB = NS or PADBDDAC = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

7) Panic Disorder - Lifetime Criterion A (Parts 1 and 2 Combined)**Variable name:** PADBDDA**Based on:** PADBDDA1, PADBDDA2**Description:** This variable identifies whether the respondent meets Criterion A of the lifetime CCHS 1.2/WMH-CIDI algorithm.

The criterion is met if:

1. the respondent reported 4 or more recurrent unexpected panic attacks; and
2. the respondent reported at least one of the attacks have been followed by one month or more of worry about having additional attacks or about the consequences of the attacks or there is a significant changes in behaviour related to the attacks.

Value of PADBDDA	Condition(s)	Explanation
1	PADBDDA1 = 1 and PADBDDA2 = 1	Respondent meets lifetime Criterion A. Respondent reported (1) 4 or more recurrent unexpected panic attacks; and (2) at least one of the attacks have been followed by one month or more of worry or change in behaviour related to the attacks.
2	PADBDDA1 = 2 or PADBDDA2 = 2	Respondent does not meet lifetime Criterion A. Respondent did not report (1) 4 or more recurrent unexpected panic attacks; or (2) one month of worry or change in behaviour related to an attack.

NS	PADBDDA1 = NS or PADBDDA2 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.
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8) Panic Disorder - Lifetime Algorithm

Variable name: PADBDPDS

Based on: PADBDDA

Description: This variable identifies whether the respondent meets the CCHS 1.2/WMH-CIDI diagnostic criteria for lifetime Panic Disorder. The criteria are met if the respondent reported:

1. 4 or more recurrent unexpected panic attacks; and
2. at least one of the attacks have been followed by one month or more of worry about having additional attacks, worry about the consequences of the attacks or changes in behaviour related to the attacks.

Value of PADBDPDS	Condition(s)	Explanation
1	PADBDDA = 1	Respondent meets all the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder Respondent reported (1) 4 or more recurrent unexpected panic attacks; (2) at least one of the attacks have been followed by one month or more of worry about the attacks or significant changes in behaviour related to the attacks.
2	PADBDDA = 2	Respondent does not meet all the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder. Respondent did not report (1) 4 or more recurrent unexpected panic attacks; or (2) one month of worry or behaviour change following an attack.
NS	PADBDDA = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

Temporary Reformat

Reformat	Explanation
If (PADB_10D = DK, R, NS) then PADRQ10D = missing If (PADB_37A = DK, R, NS) then PADRQ37A = missing	Recoded non-response to missing.

9) Panic Attack – Age of Onset – Grouped

Variable name: PADBGONA

Based on: PADB_04, PADB_06, PADB_07, PADB_07A, PADB_07B, PADB_09A, PADB_09B, PADB_21, PADB_37A, DHHB_AGE

Description: This variable identifies the respondent's age at their first panic attack. This variable is calculated for all respondents who answered the questions required for calculation, regardless of whether they meet CCHS 1.2/WMH-CIDI criteria for Panic Disorder.

In order to ensure individuals were not identifiable, records have been collapsed into groups of "age of onset". See data dictionary.

Value of PADBGONA	Condition(s)	Explanation
NA	PADB_04 = NA	Respondent was not asked the questions required for calculation.
Value in DHHB_AGE	PADB_04 = 1 and (PADB_06 = 1, 2, 3)	Age of onset is current age. Respondent reported only one lifetime panic attack.
Value in PADB_07A	PADB_04 = 1 and (PADB_06 = 4, DK, R) and PADB_07 = 1 and PADB_07A < NA	Age of onset is the age of the respondent's only panic attack. Respondent reported only one lifetime panic attack.
Value in PADB_07B	PADB_04 = 1 and (PADB_06 = 4, DK, R) and (PADB_07 = 2, DK) and PADB_07B < NA	Age of onset is the age of the respondent's only panic attack. Respondent reported only one lifetime panic attack.
Minimum value of (PADB_09A, PADB_09B, PADB_21, PADB_37A)	2 <= PADB_04 < NA and (PADB_09A < NA or PADB_09B < NA or PADB_21 < NA or PADB_37A < NA)	Age of onset is the age of the respondent's earliest reported panic attack. Respondent reported two or more lifetime panic attacks.
NS	(PADB_04 = DK, R, NS) or PADB_06 = NS or (PADB_07 = R, NS) or (PADB_07A = DK, R, NS) or (PADB_07B = DK, R, NS) or (PADB_09B = DK, R, NS) or (PADB_21 = DK, R, NS) or (PADB_37A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

10) Panic Disorder – Age of Onset – Grouped

Variable name: PADBGON

Based on: PADBDONA, PADBDPDS

Description: This variable identifies the respondent's age at their first panic attack. This variable is calculated only for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for Panic Disorder.

In order to ensure individuals were not identifiable, records have been collapsed into groups of "age of onset". See data dictionary.

Value of PADBGON	Condition(s)	Explanation
Value in PADBDONA	PADBDPDS = 1 and PADBDONA < NS	Age of onset is the age of the respondent's earliest reported panic attack.
NA	(PADBDPDS = 2, NA)	Respondent did not meet lifetime CCHS 1.2/WMH-CIDI criteria for Panic Disorder.
NS	PADBDPDS = NS or PADBDONA = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

Temporary Reformats

Reformat	Explanation
If (PADB_10D = DK, R, NS) then PADRQ10D = missing If (PADB_37A = DK, R, NS) then PADRQ37A = missing	Recode non-response to missing.

11) Panic Disorder – Recency Age – Grouped

Variable name: PADBGREC

Based on: PADBDPDS, PADB_10, PADB_10D, PADB_37A, DHHB_AGE

Description: This variable identifies the respondent's age at their last panic attack. This variable is only calculated for respondents who meet CCHS 1.2/WMH-CIDI criteria for panic disorder.

In order to ensure individuals were not identifiable, records have been collapsed into age groupings. See data dictionary.

Value of PADBGREC	Condition(s)	Explanation
NA	PADBDPDS = 2	Respondent did not meet CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder
DHHB_AGE	PADBDPDS = 1 and PADB_10 = 1	Recency age is current age when respondent reported a 12-month episode.
Maximum of (PADRQ10D, PADRQ37A)	PADBDPDS = 1 and (PADB_10D < NA or PADB_37A < NA)	Recency age is oldest age of episodes reported.
NS	PADBDPDS = NS or PADB_10D = DK, R, NS or PADB_37A = DK, R, NS	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.

12) Panic Disorder – Persistence of Panic Disorder – Grouped

Variable name: PADBGPER

Based on: PADBDPDS, PADBGON, PADBGREC

Description: This variable identifies the longest period the respondent had symptoms associated with panic attacks. This variable is only calculated for respondents who meet CCHS 1.2/WMH-CIDI criteria for panic disorder. It is the difference in years between the age of first panic attack and age of most recent panic attack.

In order to ensure individuals were not identifiable, records have been collapsed into groupings of duration periods. See data dictionary.

Value of PADBGPER	Condition(s)	Explanation
NA	PADBDPDS = 2	Respondent did not meet CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder
PADBGREC – PADBGON	PADBDPDS = 1 and PADBGREC < NA and PADBGON < NA	Persistence is the number of years between the respondent's first and most recent panic attacks.
NS	PADBDPDS = NS or PADBGREC = NS or PADBGON = NS	Respondent did not answer (not stated) at least one question required for calculation.

13) Panic Attack, Past 12 Months

Variable name: PADBDATY

Based on: PADB_06, PADB_07A, PADB_07B, PADB_09A, PADB_09B, PADB_10, PADB_10D, PADB_21, DHHB_AGE

Description: This variable identifies respondents who reported having a panic attack in the 12 months prior to interview.

Value of PADBDATY	Condition(s)	Explanation
1	PADBDATT = 1 and [(PADB_06 = 1, 2, 3) or PADB_10 = 1 or PADB_07A = DHHB_AGE or PADB_07B = DHHB_AGE or PADB_09A = DHHB_AGE or PADB_09B = DHHB_AGE or PADB_10D = DHHB_AGE or PADB_21 = DHHB_AGE]	All CCHS 1.2/WMH-CIDI criteria are met for past 12-month Panic Attack. Respondent reported having a panic attack in the 12 months prior to interview.
2	PADBDATT = 2 or [PADB_06 = 4 and (PADB_07A < DHHB_AGE or PADB_07B < DHHB_AGE)] or [PADB_10 = 2 and (PADB_09A < DHHB_AGE or PADB_09B < DHHB_AGE)] or (PADB_10D < DHHB_AGE and PADB_21 < DHHB_AGE) or (PADB_06 = NA and PADB_10 = NA) and (PADB_10D = NA and PADB_21 = NA)	All CCHS 1.2/WMH-CIDI criteria are not met for past 12-month Panic Attack. Respondent did not report having a panic attack in the 12 months prior to interview. Notes: PADB_06, PADB_07A, PADB_07B asked if only one attack and rest of questions asked only if more than 1 attack.
NS	PADBDATT = NS or (PADB_06 = DK, R, NS) or (PADB_07A = DK, R, NS) or (PADB_07B = DK, R, NS) or (PADB_10 = DK, R, NS) or (PADB_09A = DK, R, NS) or (PADB_09B = DK, R, NS) or (PADB_10D = DK, R, NS) or (PADB_21 = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.

14) Panic Disorder – Past 12 Months, Criterion A

Variable name: PADBDYA

Based on: PADBDPDS

Description: This variable identifies respondents who meet the CCHS 1.2/WMH-CIDI lifetime criteria for panic disorder.

Value of PADBDYA	Condition(s)	Explanation
1	PADBDPDS = 1	Respondent meets 12-month Criterion A. Respondent meets the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder.
2	PADBDPDS = 2	Respondent does not meet 12-month Criterion A. Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder.
NS	(PADBDPDS = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation.

15) Panic Disorder – Past 12 Months, Criterion B

Variable name: PADBDYB

Based on: PADB_09A, PADB_09B, PADB_10, PADB_10D, PADB_21, DHHB_AGE

Description: This variable identifies respondents who reported having a panic attack in the 12 months prior to interview.

Value of PADBDYB	Condition(s)	Explanation
1	PADB_10 = 1 or PADB_09A = DHHB_AGE or PADB_09B = DHHB_AGE or PADB_10D = DHHB_AGE or PADB_21 = DHHB_AGE	Respondent meets past 12-month CCHS 1.2/WMH-CIDI Criterion B. Respondent reported having a panic attack in the 12 months prior to interview
2	PADB_10 = 2 and (PADB_09A < DHHB_AGE or PADB_09B < DHHB_AGE) and PADB_10D < DHHB_AGE and (PADB_21 < DHHB_AGE or PADB_21 = NA) or PADB_10 = NA and PADB_09A = NA and PADB_09B = NA and PADB_10D = NA and PADB_21 = NA	Respondent does not meet the past 12-month CCHS 1.2/WMH-CIDI Criterion B. Respondent did not report having a panic attack in the 12 months prior to interview.
NS	(PADB_10 = DK, R, NS) or (PADB_09A = DK, R, NS) or (PADB_09B = DK, R, NS) or (PADB_10D = DK, R, NS) or (PADB_21 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

16) Panic Disorder – Past 12 Months, Criterion C

Variable name: PADBDYC

Based on: PADB_40

Description: This variable identifies the respondents who reported significant emotional distress during a panic attack in the 12 months prior to the interview.

Value of PADBDYC	Condition(s)	Explanation
1	(PADB_40 = 3, 4, 5)	Respondent meets past 12-month CCHS 1.2/WMH-CIDI Criterion C. Respondent reported significant emotional distress during a panic attack in the 12 months prior to interview.
2	(PADB_40 = 1, 2, NA)	Respondent does not meet Past 12-month CCHS 1.2/WMH-CIDI Criterion C. Respondent did not report significant emotional distress during a panic attack in the 12 months prior to interview.
NS	(PADB_40 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

17) Panic Disorder – Past 12-Month Algorithm

Variable name: PADBDDY

Based on: PADBDYA, PADBDYB, PADBDYC

Description: This variable identifies whether respondents meet or fail to meet the CCHS 1.2/WMH-CIDI criteria for Panic Disorder in the 12 months prior to interview. Respondents who meet the criteria reported:

1. meeting the criteria for lifetime Panic Disorder;
2. having a panic attack in the 12 months prior to interview; and
3. significant emotional distress during a panic attack in the 12 months prior to interview.

Value of PADBDDY	Condition(s)	Explanation
1	PADBDYA = 1 and PADBDYB = 1 and PADBDYC = 1	All CCHS 1.2/WMH-CIDI criteria are met for 12-month Panic Disorder. Respondent reported (1) meeting the CCHS 1.2/WMH-CIDI criteria for lifetime panic disorder; (2) having a panic attack in the 12 months prior to interview; and (3) significant emotional distress during a panic attack in the 12 months prior to interview.
2	PADBDYA = 2 or PADBDYB = 2 or PADBDYC = 2	All CCHS 1.2/WMH-CIDI criteria are not met for 12-month panic disorder. Respondent did not report (1) meeting the CCHS 1.2/WMH-CIDI criteria for lifetime panic disorder; (2) having a panic attack in the 12 months prior to interview; or (3) significant emotional distress during a panic attack in the 12 months prior to interview.
NS	PADBDYA = NS or PADBDYB = NS or PADBDYC = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

18) Panic Disorder Interference – Mean

Variable name: PADBDINT

Based on: PADB_44A, PADB_441, PADB_442, PADB_44C, PADB_44D, PADBDDY

Description: This variable describes the interference that panic disorder had on daily activities and responsibilities in the past 12 months. This is a mean of the five items. This variable is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a past 12-month panic disorder.

Value of PADBDINT	Condition(s)	Explanation
NA	PADBDDY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for 12-month panic disorder.
NS	PADBDDY = NS or (PADB_44A = DK, R, or NS) or (PADB_441 = DK, R, or NS) or (PADB_442 = DK, R, or NS) or (PADB_44C = DK, R, or NS) or (PADB_44D = DK, R, or NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.

$\frac{(PADB_44A + PADB_441 + PADB_442 + PADB_44C + PADB_44D)}{5}$ (min: 0.0; max: 10.0) (round to .1)	PADBDDY = 1 and 0 ≤ PADB_441 ≤ 10 and 0 ≤ PADB_442 ≤ 10 and 0 ≤ PADB_44A ≤ 10 and 0 ≤ PADB_44C ≤ 10 and 0 ≤ PADB_44D ≤ 10	Interference = mean of all five items. Respondent answered all five questions.
$\frac{(PADB_44A + PADB_442 + PADB_44C + PADB_44D)}{4}$ (min: 0.0; max: 10.0) (round to .1)	PADBDDY = 1 and PADB_441 = 11 and 0 ≤ PADB_442 ≤ 10 and 0 ≤ PADB_44A ≤ 10 and 0 ≤ PADB_44C ≤ 10 and 0 ≤ PADB_44D ≤ 10	Interference = mean of four items that applied to respondent. PADB_441 was not applicable (i.e., they did not attend school within the past 12 months).
$\frac{(PADB_44A + PADB_441 + PADB_44C + PADB_44D)}{4}$ (min: 0.0; max: 10.0) (round to .1)	PADBDDY = 1 and 0 ≤ PADB_441 ≤ 10 and PADB_442 = 11 and 0 ≤ PADB_44A ≤ 10 and 0 ≤ PADB_44C ≤ 10 and 0 ≤ PADB_44D ≤ 10	Interference = mean of four items that applied to respondent. PADB_442 was not applicable (i.e., they did not have a job within the past 12 months).
$\frac{(PADB_44A + PADB_44C + PADB_44D)}{3}$ (min: 0.0; max: 10.0) (round to .1)	PADBDDY = 1 and PADB_441 = 11 and PADB_442 = 11 and 0 ≤ PADB_44A ≤ 10 and 0 ≤ PADB_44C ≤ 10 and 0 ≤ PADB_44D ≤ 10	Interference = mean of three items that applied to respondent. PADB_441 and PADB_442 were not applicable (i.e., they did not attend school and did not have a job within the past 12 months.).

19) Flag for Panic Disorder Interference

Variable name: PADBFINT

Based on: PADB_44A, PADB_441, PADB_442, PADB_44C, PADB_44D, PADBDDY

Description: This variable describes the interference that panic disorder had on daily activities and responsibilities in the past 12 months. This is a classification that indicates whether panic disorder interferes significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships. This question is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a past 12-month panic disorder.

Value of PADBFINT	Condition(s)	Explanation
NA	PADBDDY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for 12-month panic disorder.
1	PADBDDY = 1 and (4 ≤ PADB_44A ≤ 10 or 4 ≤ PADB_441 ≤ 10 or 4 ≤ PADB_442 ≤ 10 or 4 ≤ PADB_44C ≤ 10 or 4 ≤ PADB_44D ≤ 10)	Panic disorder caused significant interference with the person's normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months
2	PADBDDY = 1 and [0 ≤ PADB_44A ≤ 3 and (0 ≤ PADB_441 ≤ 3 or PADB_441 = 11) and (0 ≤ PADB_442 ≤ 3 or PADB_442 = 11) and 0 ≤ PADB_44C ≤ 3 and 0 ≤ PADB_44D ≤ 3]	Panic disorder did not cause significant interference with the person's normal routine, occupation (academic) functioning nor social activities nor relationships in the past 12 months.

NS	PADBDDY = NS or (PADB_44A = DK, R, or NS) or (PADB_441 = DK, R, or NS) or (PADB_442 = DK, R, or NS) or (PADB_44C = DK, R, or NS) or (PADB_44D = DK, R, or NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.
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Social Phobia (21 DVs)

For the purpose of CCHS 1.2 – Mental Health and Well-being, Social Phobia is characterised by a persistent, irrational fear of situations in which the person may be closely watched and judged by others, as in public speaking, eating, or using public facilities. Symptoms include avoidance or anxiety related to the situations and physical symptoms such as rapid heart rate, nausea, dry mouth, sweating, chest pain, faintness, dizziness, and panic attacks.

The questions on Social Phobia are based on a recognized World Mental Health version of the Composite International Diagnostic Interview (WMH-CIDI) modified for the needs of CCHS 1.2. The WMH-CIDI instrument, as part of the WMH2000 Project (World Mental Health 2000) is a World Health Organization worldwide initiative to assess the prevalence rates of various mental disorders in multiple countries.

The WMH-CIDI is a standardized instrument for assessment of mental disorders and conditions according to an operationalization of the definitions and criteria of DSM-IV and ICD-10. DSM refers to the Diagnostic and Statistical Manual of Mental Disorders used by the American Psychiatric Association. It is an internationally recognized classification of mental disorders with several versions. Mental conditions or problems found in the CCHS 1.2 are partially coded either to DSM-IV or DSM-III-R. CCHS 1.2 does not support the ICD-10 algorithms.

The WMH2000 Project supported several versions of the Computer-Assisted Personal Interview (CAPI) and Paper and Pencil Personal Interview (PAPI) WMH-CIDI instrument. The Project has already established a working group that will be examining the methodological differences to ensure that international comparison is done appropriately. Social Phobia is one of five conditions in the WMH2000 Project that are assessed in this survey. Both lifetime and past year diagnoses are assessed. Past year episode refers to the 12 months preceding the interview.

As part of its support documentation, CCHS 1.2 is providing information on all temporary and interim derived variables used to compute the final derived variables of lifetime and past 12-month profiled conditions. For most users, the final derived variables in addition to the derived variables pertaining to recency, duration, onset and interference will be sufficient to conduct analyses.

For Social Phobia, the variables of primary interest are:

Variable	Concept	Variable Number
SOPBDSP	Lifetime algorithm	13
SOPBDPY	Past 12-month algorithm	19
SOPBGON	Onset	14
SOPBGREC	Recency	15
SOPBDINT	Past 12-month interference	20

The criteria used to derive the final variables for this current profiled mental condition along with their respective temporary and interim variables are operationalized to partially meet the DSM-IV definitions/classification. While the questionnaire and the algorithms are based on worldwide recognised approaches and classification, this method can not be used to diagnose individuals with this profile condition. Only professionally trained medical staff can do this.

The CCHS 1.2 instrument collects a wealth of information pertaining to this specific mental health condition such as number of symptoms and their overall severity, duration, and intensity; however, the structured approach used by the computerized instrument is not designed to collect some of the more complex information used by professionally trained staff to make a final diagnosis according to the DSM-IV classification. For example, there are no algorithms available to support the creation of derived variables pertaining to the subtypes or specifiers relevant to the disorder. Also, although the instrument does collect some information used for the operationalization of the organic/physical exclusions and the hierarchical ruling, STC recommends that this information be used by DSM experts in light of its complex nature.

In addition to information on mental conditions, the WMH-CIDI instrument also collects information on many important correlates of mental health such as health care service utilization and support. The CCHS 1.2 data collected on mental health correlates is not based on the WMH-CIDI instrument. Although international comparison on such data is important, Statistics Canada, in discussion with its stakeholders, decided that the CCHS 1.2 data should support and complement the Canadian information already available from CCHS 1.1 and other past NPHS cycles.

To facilitate comparison to the DSM, the criteria are more or less itemized in the way they appear in the DSM-IV. This correspondence is only used here to provide a common language that should ease the interpretation of the results. However, it would be inappropriate to assume a direct correspondence between our criteria and the DSM-IV criteria given the operational limitations associated with the questionnaire and the algorithm in addition to the complex nature of the topic.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI lifetime criteria associated with social phobia reported:

1. a marked and persistent fear of one or more social or performance situations in which he/she is exposed to unfamiliar people or to possible scrutiny by others, and fear that he/she will act in a way (or show anxiety symptoms) that will be humiliating or embarrassing;
2. exposure to the feared social situation almost invariably provokes anxiety, which may take the form of a panic attack;
3. recognition that the fear is excessive or unreasonable;
4. the feared social or performance situations are avoided or endured with intense anxiety or distress;
5. the avoidance, anxious anticipation, or distress in the feared social or performance situation(s) interfere significantly with the person's normal routine, or social or occupational functioning; and
6. in individuals under age 18, the duration is at least six months.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI 12-month criteria associated with social phobia:

1. meet the criteria for lifetime diagnosis of social phobia;
2. report a 12-month episode; and
3. report marked impairment in occupational or social functioning.

Social Phobia - Lifetime

1) Social Phobia - Lifetime Criterion A, Part 1

Variable name: SOPBDA1

Based on: SOPB_01A, SOPB_01B, SOPB_01C, SOPB_01D, SOPB_01E, SOPB_01F, SOPB_01G, SOPB_01H, SOPB_01I, SOPB_01J, SOPB_01K, SOPB_01L, SOPB_01M, SOPB_01N

Description: This variable identifies respondents who reported a marked and persistent fear of one or more social or performance situations in which he/she is exposed to unfamiliar people or to possible scrutiny by others.

Value of SOPBDA1	Condition(s)	Explanation
1	SOPB_01A = 1 or SOPB_01B = 1 or SOPB_01C = 1 or SOPB_01D = 1 or SOPB_01E = 1 or SOPB_01F = 1 or SOPB_01G = 1 or SOPB_01H = 1 or SOPB_01I = 1 or SOPB_01J = 1 or SOPB_01K = 1 or SOPB_01L = 1 or SOPB_01M = 1 or SOPB_01N = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 1. Respondent reported a marked and persistent fear of one or more social or performance situations in which the participant is exposed to unfamiliar people or to possible scrutiny by others.
2	(SOPB_01A = 2, 3, NA) and (SOPB_01B = 2, 3, NA) and (SOPB_01C = 2, 3, NA) and (SOPB_01D = 2, 3, NA) and (SOPB_01E = 2, 3, NA) and (SOPB_01F = 2, 3, NA) and (SOPB_01G = 2, 3, NA) and (SOPB_01H = 2, 3, NA) and (SOPB_01I = 2, 3, NA) and (SOPB_01J = 2, 3, NA) and (SOPB_01K = 2, 3, NA) and (SOPB_01L = 2, 3, NA) and (SOPB_01M = 2, 3, NA) and (SOPB_01N = 2, 3, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 1. Respondent did not report a marked and persistent fear of one or more social or performance situations in which the participant is exposed to unfamiliar people or to possible scrutiny by others.
NS	(SOPB_01A = DK, R, NS) or (SOPB_01B = DK, R, NS) or (SOPB_01C = DK, R, NS) or (SOPB_01D = DK, R, NS) or (SOPB_01E = DK, R, NS) or (SOPB_01F = DK, R, NS) or (SOPB_01G = DK, R, NS) or (SOPB_01H = DK, R, NS) or (SOPB_01I = DK, R, NS) or (SOPB_01J = DK, R, NS) or (SOPB_01K = DK, R, NS) or (SOPB_01L = DK, R, NS) or (SOPB_01M = DK, R, NS) or (SOPB_01N = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2) Social Phobia - Lifetime Criterion A, Part 2

Variable name: SOPBDA2

Based on: SOPB_12, SOPB_12A, SOPB_13, SOPB_14

Description: This variable identifies respondents who report fears that he/she will act in a way (or show anxiety symptoms) that will be humiliating or embarrassing.

Value of SOPBDA2	Condition(s)	Explanation
1	SOPB_12 = 1 or SOPB_12A = 1 or SOPB_13 = 1 or SOPB_14 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 2. Respondent reported fear of acting in a way that will be humiliating or embarrassing.
2	(SOPB_12 = 2, NA) and (SOPB_12A = 2, NA) and (SOPB_13 = 2, NA) and (SOPB_14 = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 2. Respondent did not report fear of acting in a way that will be humiliating or embarrassing.
NS	(SOPB_12 = DK, R, NS) or (SOPB_12A = DK, R, NS) or (SOPB_13 = DK, R, NS) or (SOPB_14 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

3) Social Phobia - Lifetime Criterion A (Parts 1, 2 Combined)

Variable name: SOPBDA

Based on: SOPBDA1, SOPBDA2

Description: This variable identifies whether the respondent meets Criterion A of the CCHS 1.2/WMH-CIDI lifetime algorithm. The criterion is met if the respondent reported:

1. a marked and persistent fear of one or more social or performance situations in which he/she is exposed to unfamiliar people or to possible scrutiny by others; and
2. fear of acting in a way (or show anxiety symptoms) that will be humiliating or embarrassing.

Value of SOPBDA	Condition(s)	Explanation
1	SOPBDA1 = 1 and SOPBDA2 = 1	Respondent meets lifetime Criterion A. Respondent reported (1) a marked and persistent fear of one or more social or performance situations in which he/she is exposed to unfamiliar people or to possible scrutiny by others; and (2) fear of acting in a way (or show anxiety symptoms) that will be humiliating or embarrassing.

2	SOPBDA1 = 2 or SOPBDA2 = 2	Respondent does not meet lifetime Criterion A. Respondent did not report (1) a marked and persistent fear of one or more social or performance situations in which he/she is exposed to unfamiliar people or to possible scrutiny by others; or (2) fear of acting in a way (or show anxiety symptoms) that will be humiliating or embarrassing.
NS	(SOPBDA1 = NS) or (SOPBDA2 = NS)	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

4) Social Phobia - Lifetime Criterion B

Variable name: SOPBDB

Based on: SCRB_291

Description: This variable identifies whether the respondent meets Criterion B of the lifetime CCHS 1.2/WMH-CIDI algorithm. The criterion is met if the respondent reports that exposure to the feared social situation(s) almost invariably provoke anxiety, which may take the form of a situationally bound or situationally predisposed Panic attack.

Value of SOPBDB	Condition(s)	Explanation
1	SCRB_291 = 1	Respondent meets lifetime Criterion B. Respondent reported that exposure to the feared social situation(s) almost invariably provoke anxiety.
2	(SCRB_291 = 2, NA)	Respondent does not meet lifetime Criterion B. Respondent did not report that exposure to the feared social situation(s) almost invariably provoke anxiety.
NS	(SCRB_291 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

5) Social Phobia - Lifetime Criterion C

Variable name: SOPBDC

Based on: SCRB_293

Description: This variable identifies whether the respondent meets Criterion C of the lifetime CCHS 1.2/WMH-CIDI algorithm. The criterion is met if the respondent recognizes that his/her fear is excessive or unreasonable.

Value of SOPBDC	Condition(s)	Explanation
1	SCRB_293 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion C. Respondent recognized that fear is excessive or unreasonable.

2	(SCRB_293 = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion C. Respondent did not recognize that fear is excessive or unreasonable.
NS	(SCRB_293 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

6) Social Phobia - Lifetime Criterion D, Part 1

Variable name: SOPBDD1

Based on: SCRB_292, SOPB_20

Description: This variable identifies respondents who reported the feared social or performance situation(s) are avoided.

Value of SOPBDD1	Condition(s)	Explanation
1	SCRB_292 = 1 or (SOPB_20 = 1, 2, 3)	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion D, Part 1. Respondent reported that feared social or performance situation(s) are avoided.
2	(SCRB_292 = 2, NA) and (SOPB_20 = 4, 5, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criteria D, Part 1. Respondent did not report that feared social or performance situations are avoided.
NS	(SCRB_292 = DK, R, NS) or (SOPB_20 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

7) Social Phobia - Lifetime Criterion D, Part 2

Variable name: SOPBDD2

Based on: SCRB_291, SOPBD09, SOPB_10, SOPB_19

Description: This variable identifies respondents who reported the feared social or performance situation(s) are endured with intense anxiety or distress. Two variables are created and then used to assess the CCHS 1.2/WMH-CIDI Criterion D, part 2.

7a) Temporary Variable

Variable name: SOPBT9NO

Based on: SOPB_09N, SOPB_09O

Description: This variable is used in the calculation of SOPBD09 and created here because SOPB_09O is skipped if SOPB_09N is yes. It identifies respondents who reported that, when in a feared social or performance situation:

1. they felt like they were not really there, like they were watching themselves in a movie (depersonalization); or
2. they felt things around them were not real or like a dream (derealization).

Value of SOPBT9NO	Condition(s)	Explanation
1	SOPB_09N = 1 or SOPB_09O = 1	Respondent reported feelings of depersonalization or derealization when in a feared situation.

2	(SOPB_09N = 2, NA) and (SOPB_09O = 2, NA)	Respondent did not report, feelings of depersonalization nor derealization when in a feared situation.
NS	(SOPB_09N = DK, R, NS) or (SOPB_09O = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

7b) Symptoms of anxiety or panic

Variable name: SOPBD09

Based on: SOPB_09A, SOPB_09B, SOPB_09C, SOPB_09D, SOPB_09E, SOPB_09F, SOPB_09G, SOPB_09H, SOPB_09I, SOPB_09J, SOPB_09K, SOPB_09L, SOPB_09M, SOPBT9NO

Description: This variable identifies respondents who reported experiencing at least two physiological or panic-like reactions when exposed to a feared social or performance situation.

Value of SOPBD09	Condition(s)	Explanation
1	At least 2 of (SOPB_09A, SOPB_09B, SOPB_09C, SOPB_09D, SOPB_09E, SOPB_09F, SOPB_09G, SOPB_09H, SOPB_09I, SOPB_09J, SOPB_09K, SOPB_09L, SOPB_09M, SOPBT9NO) = 1	Respondent reported at least two panic-like reactions when exposed to a feared social or performance situation.
2	At least 13 of (SOPB_09A, SOPB_09B, SOPB_09C, SOPB_09D, SOPB_09E, SOPB_09F, SOPB_09G, SOPB_09H, SOPB_09I, SOPB_09J, SOPB_09K, SOPB_09L, SOPB_09M, SOPBT9NO) = 2, NA	Respondent did not report two panic-like reactions when exposed to a feared social or performance situation.
NS	(SOPB_09A = DK, R, NS) or (SOPB_09B = DK, R, NS) or (SOPB_09C = DK, R, NS) or (SOPB_09D = DK, R, NS) or (SOPB_09E = DK, R, NS) or (SOPB_09F = DK, R, NS) or (SOPB_09G = DK, R, NS) or (SOPB_09H = DK, R, NS) or (SOPB_09I = DK, R, NS) or (SOPB_09J = DK, R, NS) or (SOPB_09K = DK, R, NS) or (SOPB_09L = DK, R, NS) or (SOPB_09M = DK, R, NS) or (SOPBT9NO = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation or respondent has a non-response (not stated) value in the derived variable required for calculation.

Calculating Social Phobia Lifetime Criterion D, part 2

Value of SOPBDD2	Condition(s)	Explanation
1	SCRB_291 = 1 and [SOPBD09 = 1 or (SOPB_19 = 4, 5) or SOPB_10 = 1]	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion D, Part 2. Respondent reported that the feared social or performance situations are endured with intense anxiety or distress.

2	(SCR_B_291 = 2, NA) or [SOPBD09 = 2 and (SOPB_19 = 1, 2, 3, NA) and (SOPB_10 = 2, NA)]	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion D, Part 2. Respondent did not report the feared social or performance situations are endured with intense anxiety or distress.
NS	(SCR_B_291 = DK, R, NS) or SOPBD09 = NS or (SOPB_19 = DK, R, NS) or (SOPB_10 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation or respondent has a non-response (not stated) value in the derived variable required for calculation.

8) Social Phobia - Lifetime Criterion D (Parts 1, 2 combined)

Variable name: SOPBDD

Based on: SOPBDD1, SOPBDD2

Description: This variable identifies whether respondent meets Criterion D of the lifetime CCHS 1.2/WMH-CIDI algorithm. The criterion is met if the respondent reported:

1. that the feared social or performance situation(s) are avoided; or
2. that the feared social or performance situation(s) were endured with intense anxiety or distress.

Value of SOPBDD	Condition(s)	Explanation
1	SOPBDD1 = 1 or SOPBDD2 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion D. Respondent reported (1) avoidance of the feared situations; or (2) intense anxiety or distress when faced with the feared situations.
2	SOPBDD1 = 2 and SOPBDD2 = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion D. Respondent did not report avoidance of the feared situations nor intense anxiety when faced with the feared situations.
NS	SOPBDD1 = NS or SOPBDD2 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

9) Social Phobia - Lifetime Criterion E

Variable name: SOPBDE

Based on: SOPB_16, SOPBD215, SOPB_23, SOPB_25

Description: This variable identifies respondents who reported that the avoidance, anxious anticipation, or distress in the feared social or performance situation(s) interfered significantly with the person's normal routine, occupational or academic functioning, or social activities or relationships. A variable is first created for 12-month interference in social or occupational functioning and then used to calculate Criteria E.

9a) Social and Occupational Interference

Variable name: SOPBD215

Based on: SOPB_21A, SOPB_211, SOPB_212, SOPB_21C, SOPB_21D

Description: This variable identifies whether, during the period of a month or longer in the 12 months prior to the interview when the symptoms were most severe, the respondent's feelings of fear about social or performance situations significantly interfered with their home responsibilities, responsibilities at school or work, his/her ability to form and maintain close relationships, or his/her social life.

Value of SOPBD215	Condition(s)	Explanation
1	5 <= SOPB_21A <= 10 or 5 <= SOPB_211 <= 10 or 5 <= SOPB_212 <= 10 or 5 <= SOPB_21C <= 10 or 5 <= SOPB_21D <= 10	The respondent experienced significant interference in home, work, or school responsibilities, or his/her ability to form and maintain close relationships, or his/her social life.
2	(0 <= SOPB_21A <= 4 or SOPB_21A = NA) and [0 <= SOPB_211 <= 4 or (SOPB_211 = 11, NA)] and [0 <= SOPB_212 <= 4 or (SOPB_212 = 11, NA)] and (0 <= SOPB_21C <= 4 or SOPB_21C = NA) and (0 <= SOPB_21D <= 4 or SOPB_21D = NA)	The respondent did not experience significant interference with home, work, and school responsibilities and his/her ability to form and maintain close relationships and in his/her social life.
NS	(SOPB_21A = DK, R, NS) or (SOPB_211 = DK, R, NS) or (SOPB_212 = DK, R, NS) or (SOPB_21C = DK, R, NS) or (SOPB_21D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Calculating Social Phobia Lifetime Criterion E

Value of SOPBDE	Condition(s)	Explanation
1	(SOPB_16 = 3, 4, 5) or SOPBD215 = 1 or 5 <= SOPB_23 <= 365 or SOPB_25 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion E. Respondent reported the avoidance, anxious anticipation, or distress caused significant impairment in social, occupational or other important areas of functioning.
2	(SOPB_16 = 1, 2, NA) and SOPBD215 = 2 and (0 <= SOPB_23 <= 4 or SOPB_23 = NA) and (SOPB_25 = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion E. Respondent did not report the avoidance, anxious anticipation, or distress caused significant impairment in social, occupational nor other important areas of functioning.
NS	(SOPB_16 = DK, R, NS) or SOPBD215 = NS or (SOPB_23 = DK, R, NS) or (SOPB_25 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation or respondent has a non-response (not stated) value in the derived variable required for calculation.

10) Social Phobia - Lifetime Criterion F, Part 1

Variable name: SOPBDF1

Based on: SOPB_18, SOPB_18A, DHHB_AGE

Description: Criterion F states that, in individuals under age 18 or in individuals whose symptoms all occurred before they were age 18, the symptoms must have persisted at least six months. There is no minimum duration for respondents who experienced an episode after age 18. CCHS 1.2/WMH-CIDI Criterion F, part 1 identifies respondents who reported that they were age 18 or older the last time they strongly feared or avoided a social or performance situation or respondent did not know the age of the last time they strongly feared or avoided a social or performance situation and were 18 years of age or over.

Value of SOPBDF1	Condition(s)	Explanation
1	(18 <= SOPB_18A < NA) or [(SOPB_18 = 1, 2, 3) and DHHB_AGE >= 18] or (SOPB_18A = DK and DHHB_AGE >= 18)	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion F, Part 1. Respondent reported that they were 18 years or older the last time they strongly feared or avoided a social or performance situation or respondent did not know the age of the last time they strongly feared or avoided a social or performance situation and were 18 years of age or over.
2	DHHB_AGE < 18 or SOPB_18A < 18 or (SOPB_18 = NA and SOPB_18A = NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion F, Part 1. Respondent is under age 18 or reported that they were under age 18 the last time they strongly feared or avoided a social or performance situation.
NS	(SOPB_18 = DK, R, NS) or (SOPB_18A = R, NS)	Respondent did not answer (refusal, not stated) at least one question required for calculation.

Temporary Reformat

Reformat	Explanation
If (SOPB_03A = NA, DK, R, NS) then SOPRQ3A = missing If (SOPB_03B = NA, DK, R, NS) then SOPRQ3B = missing If (SOPB_06A = NA, DK, R, NS) then SOPRQ6A = missing If (SOPB_18A = NA, DK, R, NS) then SOPRQ18A = missing If (SOPB_25A = NA, DK, R, NS) then SOPRQ25A = missing If (SOPB_36A = NA, DK, R, NS) then SOPRQ36A = missing If (SOPB_39A = NA, DK, R, NS) then SOPRQ39A = missing If (SOPB_18 = 1, 2, 3) then SOPRQ18A = DHHB_AGE	Set non-response to missing for calculations. Set age last feared to current age if respondent reported fear in past 12 months.

11) Social Phobia - Lifetime Criterion F, Part 2

Variable name: SOPBDF2

Based on: SOPB_03A, SOPB_03B, SOPB_06A, SOPB_18A, SOPB_25A, SOPB_36A, SOPB_39A

Description: Criterion F states that, in individuals under age 18 or in individuals whose symptoms all occurred before they were age 18, the symptoms must have persisted at least six months. There is no minimum duration for respondents who experienced an episode after age 18. CCHS 1.2/WMH-CIDI Criterion F, part 2 identifies

whether the symptoms persisted at least six months. This is assessed by calculating whether any two dates collected have a difference of greater than one year.

Note: Because the dates available are ages in years, any difference of greater than one year is taken as evidence that the duration lasted longer than six months.

Value of SOPBDF2	Condition(s)	Explanation
1	Maximum of (SOPRQ03A, SOPRQ03B, SOPRQ06A, SOPRQ18A, SOPRQ25A, SOPRQ36A, SOPRQ39A) – {minus} Minimum of (SOPRQ03A, SOPRQ03B, SOPRQ06A, SOPRQ18A, SOPRQ25A, SOPRQ36A, SOPRQ39A) ≥ 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion F, Part 2. Respondent reported that the duration was greater than six months.
NS	[(SOPB_03B = DK, R, NS) and (SOPB_06A = NA, DK, R, NS)] or (SOPB_18A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated, not applicable) at least one question required for calculation. Note: Since the difference between age of onset and recency age provides the longest duration, respondents are set to Not Stated if they fail to meet the criterion and either age of onset or recency age are non-response.
2	Maximum of (SOPRQ03A, SOPRQ03B, SOPRQ06A, SOPRQ18A, SOPRQ25A, SOPRQ36A, SOPRQ39A) – {minus} Minimum of (SOPRQ03A, SOPRQ03B, SOPRQ06A, SOPRQ18A, SOPRQ25A, SOPRQ36A, SOPRQ39A) = 0 or (SOPRQ03A = NA and SOPRQ03B = NA and SOPRQ06A = NA and SOPRQ18A = NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion F, Part 2. Respondent did not report that the duration is greater than six months.

12) Social Phobia - Lifetime Criterion F (Parts 1, 2 Combined)

Variable name: SOPBDF

Based on: SOPBDF1, SOPBDF2

Description: Criterion F states that, in individuals under age 18 or in individuals whose symptoms all occurred before they were age 18, the symptoms must have persisted at least six months. There is no minimum duration for respondents who experienced an episode after age 18. This variable identifies whether the respondent meets Criterion F of the lifetime CCHS 1.2/WMH-CIDI diagnostic criteria. The criterion is met if the respondent reported:

1. that they were age 18 or older the last time they strongly feared or avoided a social or performance situation or respondent did not know the age of the last time they strongly feared or avoided a social or performance situation and were 18 years of age or over; or
2. that they strongly feared or avoided a social or performance situation for longer than six months (operationalized as longer than one year).

Value of SOPBDF	Condition(s)	Explanation
1	SOPBDF1 = 1 or SOPBDF2 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion F. Respondent (1) was age 18 or more the last time they strongly feared or avoided a social or performance situation or (2) the duration of the fear or avoidance was longer than six months.
2	SOPBDF1 = 2 and SOPBDF2 = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion F. Respondent (1) was age 18 or more the last time they strongly feared or avoided a social or performance situation or (2) the duration of the fear or avoidance was longer than six months.
NS	SOPBDF1 = NS or SOPBDF2 = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

13) Social Phobia - Lifetime Algorithm

Variable name: SOPBDSP

Based on: SOPBDA, SOPBDB, SOPBDC, SOPBDD, SOPBDE, SOPBDF

Description: This is the final variable that identifies whether respondents meet or fail to meet the CCHS 1.2/WMH-CIDI criteria for lifetime Social Phobia. Respondents who meet the criteria reported:

1. a marked and persistent fear of one or more social or performance situations in which he/she is exposed to unfamiliar people or to possible scrutiny by others and fear of acting in a way (or show anxiety symptoms) that will be humiliating or embarrassing;
2. that exposure to the feared social situation(s) almost invariably provoke anxiety;
3. that they recognise their fear is excessive or unreasonable;
4. that the feared social or performance situation(s) are avoided or that the feared social or performance situation(s) were endured with intense anxiety or distress;
5. significant interference with their normal routine, occupational or academic functioning, or social activities or relationships; and
6. that they were age 18 or older the last time they strongly feared or avoided a social or performance situation or respondent did not know the age of the last time they strongly feared or avoided a social or performance situation and were 18 years of age or over or that they strongly feared or avoided a social or performance situation for longer than six months.

Value of SOPBDSP	Condition(s)	Explanation
1	SOPBDA = 1 and SOPBDB = 1 and SOPBDC = 1 and SOPBDD = 1 and SOPBDE = 1 and SOPBDF = 1	Respondent meets the CCHS 1.2/WMH-CIDI criteria for lifetime social phobia. Respondent reported fear of one or more social or performance situations; experienced anxiety when faced with the feared situation; recognized the fear as excessive; avoided or endured situations with intense distress;

		interference in normal routines or social or occupational functioning; and recency age was over age 18 or duration was greater than six months.
2	SOPBDA = 2 or SOPBDB = 2 or SOPBDC = 2 or SOPBDD = 2 or SOPBDE = 2 or SOPBDF = 2	Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for lifetime social phobia. Respondent did not report fear of one or more social or performance situations; or anxiety when faced with the feared situation; or thought the fear was excessive; or avoided or endured situations with intense distress; or experienced interference in normal routines or social or occupational functioning; or recency age was under age 18 and duration was less than six months.
NS	SOPBDA = NS or SOPBDB = NS or SOPBDC = NS or SOPBDD = NS or SOPBDE = NS or SOPBDF = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

14) Social Phobia – Age of Onset – Grouped

Variable name: SOPBGON

Based on: SOPB_03A, SOPB_03B, SOPB_06A, DHHB_AGE

Description: The age of onset for social phobia is the respondent's age when he/she first started fearing the social or performance situations. This variable is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI lifetime criteria for social phobia.

In order to ensure individuals were not identifiable, records have been collapsed into groups of "age of onset". See data dictionary.

Value of SOPBGON	Condition(s)	Explanation
NA	SOPBDSP = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI criteria Social Phobia.
Minimum value in (SOPB_03A, SOPB_03B, SOPB_06A)	SOPBDSP = 1 and (SOPB_03A <= DHHB_AGE or SOPB_03B <= DHHB_AGE or SOPB_06A <= DHHB_AGE)	Age of onset is the age when the respondent first started fearing social or performance situations.
NS	SOPBDSP = NS or (SOPB_03A = DK, R, NS) or (SOPB_03B = DK, R, NS) or (SOPB_06A = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.

15) Social Phobia – Recency Age – Grouped

Variable name: SOPBGREC

Based on: SOPB_18, SOPB_18A, DHHB_AGE

Description: This variable identifies the respondent's age the last time he/she strongly feared or avoided social or performance situations. This variable is only calculated for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for social phobia.

In order to ensure individuals were not identifiable, records have been collapsed into age groupings. See data dictionary.

Value of SOPBGREC	Condition(s)	Explanation
NA	SOPBDSP = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI criteria for Social Phobia.
DHHB_AGE	SOPBDSP = 1 and (SOPB_18 = 1, 2, 3)	Recency age is current age.
Value in SOPB_18A	SOPBDSP = 1 and (SOPB_18 = 4, DK) and SOPB_18A < NA	Recency age is age when respondent last feared or avoided social or performance situations.
NS	SOPBDSP = NS or (SOPB_18 = R, NS) or (SOPB_18A = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.

Social Phobia – Past 12 Months

16) Social Phobia – Past 12 Months, Criterion A

Variable name: SOPBDYA

Based on: SOPBDSP

Description: This variable identifies respondents who meet the CCHS 1.2/WMH-CIDI criteria for lifetime Social Phobia.

Value of SOPBDYA	Condition(s)	Explanation
1	SOPBDSP = 1	Respondent meets 12-month Criterion A. Respondent met the criterion for lifetime Social Phobia.
2	SOPBDSP = 2	Respondent does not meet 12-month Criterion A. Respondent did not meet the criterion for lifetime Social Phobia.
NS	(SOPBDSP = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation.

17) Social Phobia – Past 12 Months, Criterion B

Variable name: SOPBDYB

Based on: SOPB_18, SOPB_18A, SOPB_03A, SOPB_03B, SOPB_06A, DHHB_AGE

Description: This variable identifies respondents who reported they strongly feared or avoided social or performance situation(s) in the 12 months prior to the interview.

Value of SOPBDYB	Condition(s)	Explanation
1	(SOPB_18 = 1, 2, 3) or SOPB_03A = DHHB_AGE or SOPB_03B = DHHB_AGE or SOPB_06A = DHHB_AGE or SOPB_18A = DHHB_AGE	Respondent meets 12-month CCHS 1.2/WMH-CIDI Criterion B. Respondent reported they feared or avoided social or performance situations in the 12 months prior to the interview.
2	(SOPB_18 = 4, NA) and (SOPB_18A < DHHB_AGE or SOPB_18A = NA) and (SOPB_03A < DHHB_AGE or SOPB_03B < DHHB_AGE or [SOPB_03A = NA and SOPB_03B = NA]) and (SOPB_06A < DHHB_AGE or SOPB_06A = NA)	Respondent does not meet 12-month CCHS 1.2/WMH-CIDI Criterion B. Respondent did not report they feared or avoided social or performance situations in the 12 months prior to the interview.
NS	(SOPB_18 = DK, R, NS) or (SOPB_18A = DK, R, NS) or (SOPB_03A = DK, R, NS) or (SOPB_03B = DK, R, NS) or (SOPB_06A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

18) Social Phobia – Past 12 Months, Criterion C

Variable name: SOPBDYC

Based on: SOPB_20, SOPB_21A, SOPB_211, SOPB_212, SOPB_21C, SOPB_21D, SOPB_23, SOPB_38

Description: This variable identifies respondents who reported that their fear or avoidance caused clinically significant distress or impairment in social, occupational or other important areas of functioning in the 12 months prior to interview.

Value of SOPBDYC	Condition(s)	Explanation
1	(SOPB_20 = 1, 2, 3) or 5 <= SOPB_21A <= 10 or 5 <= SOPB_211 <= 10 or 5 <= SOPB_212 <= 10 or 5 <= SOPB_21C <= 10 or 5 <= SOPB_21D <= 10 or 5 <= SOPB_23 <= 365 or SOPB_38 = 1	Respondent meets past 12-month CCHS 1.2/WMH-CIDI Criterion C. Respondent reported clinically significant distress or impairment in social, occupational or other important areas of functioning in the 12 months prior to interview.
2	(SOPB_20 = 4, 5, NA) and (0 <= SOPB_21A <= 4 or SOPB_21A = NA) and [0 <= SOPB_211 <= 4 or (SOPB_211 = 11, NA)] and [0 <= SOPB_212 <= 4 or (SOPB_212 = 11, NA)] and (0 <= SOPB_21C <= 4 or SOPB_21C = NA) and (0 <= SOPB_21D <= 4 or SOPB_21D = NA) and (0 <= SOPB_23 <= 4 or SOPB_23 = NA) and (SOPB_38 = 2, NA)	Respondent does not meet past 12-month CCHS 1.2/WMH-CIDI Criterion C. Respondent did not report clinically significant distress or impairment in social, occupational nor other important areas of functioning in the 12 months prior to interview.

NS	(SOPB_20 = DK, R, NS) or (SOPB_21A = DK, R, NS) or (SOPB_211 = DK, R, NS) or (SOPB_212 = DK, R, NS) or (SOPB_21C = DK, R, NS) or (SOPB_21D = DK, R, NS) or (SOPB_23 = DK, R, NS) or (SOPB_38 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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19) Social Phobia – Past 12 Months Algorithm

Variable name: SOPBDPY

Based on: SOPBDYA, SOPBDYB, SOPBDYC

Description: This is the final variable that identifies whether respondents meet or fail to meet the CCHS 1.2/WMH-CIDI criteria for social phobia in the 12 months prior to the interview. Respondents who meet the criteria reported:

1. meeting the criteria for lifetime social phobia;
2. fearing or avoiding social or performance situation(s) in the 12 months prior to the interview; and
3. clinically significant distress or impairment in social, occupational or other important areas of functioning.

Value of SOPBDPY	Condition(s)	Explanation
1	SOPBDYA = 1 and SOPBDYB = 1 and SOPBDYC = 1	All CCHS 1.2/WMH-CIDI criteria are met for past 12-month social phobia. Respondent reported (1) meeting the CCHS 1.2/WMH-CIDI criteria for lifetime social phobia; (2) fearing or avoiding social or performance situation(s) in the 12 months prior to the interview; and (3) clinically significant distress or impairment in social, occupational or other important areas of functioning.
2	SOPBDYA = 2 or SOPBDYB = 2 or SOPBDYC = 2	All CCHS 1.2/WMH-CIDI criteria are not met for past 12-month social phobia. Respondent did not report (1) meeting the CCHS 1.2/WMH-CIDI criteria for lifetime social phobia; (2) fearing or avoiding social or performance situations in the 12 months prior to the interview; or (3) clinically significant distress or impairment in social, occupational or other important areas of functioning.
NS	SOPBDYA = NS or SOPBDYB = NS or SOPBDYC = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

20) Social Phobia Interference - Mean

Variable name: SOPBDINT

Based on: SOPB_21A, SOPB_211, SOPB_212, SOPB_21C, SOPB_21D, SOPBDPY

Description: This variable describes the interference that social phobia had on daily activities and responsibilities in the past 12 months. This is a mean of the five items. This variable is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a past 12-month episode.

Note: Respondents who reported that 'if they were faced with the same situation that provoked social phobia today, that they would have mild or no fear' were not asked the inference questions.

Value of SOPBDINT	Condition(s)	Explanation
NA	SOPBDPY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for 12-month social phobia.
NS	SOPB_21A = NA and SOPB_211 = NA and SOPB_212 = NA and SOPB_21C = NA and SOPB_21D = NA	Respondent was not asked the interference questions because they reported that 'if they were faced with the same situation that provoked social phobia today, that they would have mild or no fear'.
NS	SOPBDPY = NS or (SOPB_21A = DK, R, NS) or (SOPB_211 = DK, R, NS) or (SOPB_212 = DK, R, NS) or (SOPB_21C = DK, R, NS) or (SOPB_21D = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.
$(\text{SOPB_21A} + \text{SOPB_211} + \text{SOPB_212} + \text{SOPB_21C} + \text{SOPB_21D}) / 5$ (min : 0.0; max : 10.0) (round to .1)	SOPBDPY = 1 and $0 \leq \text{SOPB_211} \leq 10$ and $0 \leq \text{SOPB_212} \leq 10$ and $0 \leq \text{SOPB_21A} \leq 10$ and $0 \leq \text{SOPB_21C} \leq 10$ and $0 \leq \text{SOPB_21D} \leq 10$	Interference = mean of all five items. Respondent answered all five questions.
$(\text{SOPB_21A} + \text{SOPB_212} + \text{SOPB_21C} + \text{SOPB_21D}) / 4$ (min : 0.0; max : 10.0) (round to .1)	SOPBDPY = 1 and SOPB_211 = 11 and $0 \leq \text{SOPB_212} \leq 10$ and $0 \leq \text{SOPB_21A} \leq 10$ and $0 \leq \text{SOPB_21C} \leq 10$ and $0 \leq \text{SOPB_21D} \leq 10$	Interference = mean of four items that applied to respondent. SOPB_211 was not applicable (i.e., they did not attend school within the past 12 months).
$(\text{SOPB_21A} + \text{SOPB_211} + \text{SOPB_21C} + \text{SOPB_21D}) / 4$ (min : 0.0; max : 10.0) (round to .1)	SOPBDPY = 1 and $0 \leq \text{SOPB_211} \leq 10$ and SOPB_212 = 11 and $0 \leq \text{SOPB_21A} \leq 10$ and $0 \leq \text{SOPB_21C} \leq 10$ and $0 \leq \text{SOPB_21D} \leq 10$	Interference = mean of four items that applied to respondent. SOPB_212 was not applicable (i.e., they did not have a job within the past 12 months).
$(\text{SOPB_21A} + \text{SOPB_21C} + \text{SOPB_21D}) / 3$ (min : 0.0; max : 10.0) (round to .1)	SOPBDPY = 1 and SOPB_211 = 11 and SOPB_212 = 11 and $0 \leq \text{SOPB_21A} \leq 10$ and $0 \leq \text{SOPB_21C} \leq 10$ and $0 \leq \text{SOPB_21D} \leq 10$	Interference = mean of three items that applied to respondent. SOPB_211 and SOPB_212 were not applicable (i.e., they did not attend school and did not have a job within the past 12 months).

21) Flag for Social Phobia Interference

Variable name: SOPBFINT

Based on: SOPB_21A, SOPB_211, SOPB_212, SOPB_21C, SOPB_21D, SOPBDPY

Description: This variable describes the interference that social phobia had on daily activities and responsibilities in the past 12 months. This is a classification that indicates whether social phobia interferes significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships. This question is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a past 12-month episode.

Note: Respondents who reported that "if they were faced with the same situation that provoked social phobia today, that they would have mild or no fear" were not asked the inference questions.

Value of SOPBFINT	Condition(s)	Explanation
NA	SOPBDPY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for 12-month social phobia.
NS	SOPB_21A = NA and SOPB_211 = NA and SOPB_212 = NA and SOPB_21C = NA and SOPB_21D = NA	Respondent was not asked the interference questions because they reported that 'if they were faced with the same situation that provoked social phobia today, that they would have mild or no fear'.
1	SOPBDPY = 1 and (5 <= SOPB_21A <= 10 or 5 <= SOPB_211 <= 10 or 5 <= SOPB_212 <= 10 or 5 <= SOPB_21C <= 10 or 5 <= SOPB_21D <= 10)	Social phobia caused significant interference with the person's normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months.
2	SOPBDPY = 1 and 0 <= SOPB_21A <= 4 and (0 <= SOPB_211 <= 4 or SOPB_211 = 11) and (0 <= SOPB_212 <= 4 or SOPB_212 = 11) and 0 <= SOPB_21C <= 4 and 0 <= SOPB_21D <= 4	Social phobia did not cause significant interference with the person's normal routine, occupation (academic) functioning nor social activities nor relationships in the past 12 months.
NS	SOPBDPY = NS or (SOPB_21A = DK, R, NS) or (SOPB_211 = DK, R, NS) or (SOPB_212 = DK, R, NS) or (SOPB_21C = DK, R, NS) or (SOPB_21D = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refuse, not specified) at least one question required for calculation.

Agoraphobia (22 DVs)

For the purpose of CCHS 1.2 – Mental Health and Well-being, Agoraphobia is a fear and avoidance of being in places or situations from which escape might be difficult or in which help may not be available. Feared situations include being outside the home alone, being in a crowd or standing in a line, being on a bridge, and travelling in a bus, train or automobile. Situations may be endured with distress that can include dizziness, sweating, chest pain, nausea, feelings of helplessness or detachment, or feeling that the body or environment is unreal. Agoraphobia may occur alone or be accompanied by panic disorder.

The questions on Agoraphobia are based on a recognized World Mental Health version of the Composite International Diagnostic Interview (WMH-CIDI) modified for the needs of CCHS 1.2. The WMH-CIDI instrument, as part of the WMH2000 Project (World Mental Health 2000) is a World Health Organization worldwide initiative to assess the prevalence rates of various mental disorders in multiple countries.

The WMH-CIDI is a standardized instrument for assessment of mental disorders and conditions according to an operationalization of the definitions and criteria of DSM-IV and ICD-10. DSM refers to the Diagnostic and Statistical Manual of Mental Disorders used by the American Psychiatric Association. It is an internationally recognized classification of mental disorders with several versions. Mental conditions or problems found in the CCHS 1.2 are partially coded either to DSM-IV or DSM-III-R. CCHS 1.2 does not support the ICD-10 algorithms.

The WMH2000 Project supported several versions of the Computer-Assisted Personal Interview (CAPI) and Paper and Pencil Personal Interview (PAPI) WMH-CIDI instrument. The Project has already established a working group that will be examining the methodological differences to ensure that international comparison is done appropriately.

Agoraphobia is one of five conditions in the WMH2000 Project that are assessed in this survey. Both lifetime and past year diagnoses are assessed. Past year episode refers to the 12 months preceding the interview.

As part of its support documentation, CCHS 1.2 is providing information on all temporary and interim derived variables used to compute the final derived variables of lifetime and past 12-month profiled conditions. For most users, the final derived variables in addition to the derived variables pertaining to recency, duration, onset and interference will be sufficient to conduct analyses.

For Agoraphobia, the variables of primary interest are:

Variable	Concept	Variable Number
AGPBDAP	Lifetime algorithm	7
AGPBDAPP	Lifetime algorithm (without Panic)	12
AGPBDPY	Past 12-month algorithm	19
AGPBDPYP	Past 12-month algorithm (without Panic)	20
AGPBGON	Onset	13
AGPBGONP	Onset (without Panic)	16
AGPBGREC	Recency	14
AGPBGRCPP		17

	Recency (without Panic)	
AGPBGPER	Persistence	15
AGPBGPRP	Persistence (without Panic)	18
AGPBG13A	Duration	1
AGPBDINT	Past 12-month interference	21

The criteria used to derive the final variables for this current profiled mental condition along with their respective temporary and interim variables are operationalised to partially meet the DSM-IV definitions/classification. While the questionnaire and the algorithms are based on worldwide recognised approaches and classification, this method can not be used to diagnose individuals with this profile condition. Only professionally trained medical staff can do this.

The CCHS 1.2 instrument collects a wealth of information pertaining to this specific mental health condition such as number of symptoms and their overall severity, duration, and intensity; however, the structured approach used by the computerized instrument is not designed to collect some of the more complex information used by professionally trained staff to make a final diagnosis according to the DSM-IV classification. For example, there are no algorithms available to support the creation of derived variables pertaining to the subtypes or specifiers relevant to the disorder. Also, although the instrument does collect some information used for the operationalization of the organic/physical exclusions and the hierarchical ruling, STC recommends that this information be used by DSM experts in light of its complex nature.

In addition to information on mental conditions, the WMH-CIDI instrument also collects information on many important correlates of mental health such as health care service utilization and support. The CCHS 1.2 data collected on mental health correlates is not based on the WMH-CIDI instrument. Although international comparison on such data is important, Statistics Canada, in discussion with its stakeholders, decided that the CCHS 1.2 data should support and complement the Canadian information already available from CCHS 1.1 and other past NPHS cycles.

To facilitate comparison to the DSM, the criteria are more or less itemized in the way they appear in the DSM-IV. This correspondence is only used here to provide a common language that should ease the interpretation of the results. However, it would be inappropriate to assume a direct correspondence between our criteria and the DSM-IV criteria given the operational limitations associated with the questionnaire and the algorithm in addition to the complex nature of the topic.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI lifetime criteria associated with Agoraphobia reported:

1. reported anxiety about being places or situations from which escape might be difficult / embarrassing or in which help may not be available in the event a panic attack; and
2. situations are avoided, endured with marked distress, or require the presence of a companion.

For the purposes of this survey, respondents who experienced the following CCHS 1.2/WMH-CIDI 12-month criteria associated with Agoraphobia:

1. meet the CCHS 1.2/WMH-CIDI criteria for lifetime diagnosis of Agoraphobia; and
2. report a 12-month episode.

Agoraphobia with Panic Symptoms but without Panic Disorder is also assessed.

Respondents who meet the lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia with Panic Symptoms but without Panic Disorder:

1. meet the CCHS 1.2/WMH-CIDI criteria for agoraphobia and fear developing panic-like symptoms; and
2. do not meet the CCHS 1.2/WMH-CIDI criteria for Panic Disorder.

Respondents who fail to meet the criteria include both respondents who do not fear developing panic-like symptoms and those who meet the criteria for Panic Disorder.

Respondents who meet the 12-month CCHS 1.2/WMH-CIDI criteria for Agoraphobia with Panic Symptoms but without Panic Disorder:

1. meet the CCHS 1.2/WMH-CIDI criteria for lifetime diagnosis of Agoraphobia with Panic Symptoms but without Panic Disorder; and
2. report a 12-month episode.

Agoraphobia Lifetime

1) Agoraphobia – Duration of Longest Period Unable to Leave Home – Grouped

Variable name: AGPBG13A

Based on: AGPB_13B (DAYS), AGPB_13C (WEEKS), AGPB_13D (MONTHS), AGPB_13E (YEARS)

Description: This variable identifies the longest period the respondent was unable to leave his/her home. It is calculated only for respondents who said they were ever unable to leave their home for an entire day because of their fear.

In order to ensure individuals were not identifiable, records have been collapsed into groups. See data dictionary.

Value of AGPBG13A	Condition(s)	Explanation
NA	AGPB_13B = NA and AGPB_13C = NA and AGPB_13D = NA and AGPB_13E = NA	Not Applicable. Necessary questions for the calculation were not asked to the respondent.
1	1 <= AGPB_13B <= 3	1 to 3 days
2	4 <= AGPB_13B <= 7 or AGPB_13C = 1	1 week (4 to 7 days)
3	8 <= AGPB_13B <= 14 or AGPB_13C = 2	2 weeks (8 to 14 days)
4	15 <= AGPB_13B <= 21 or AGPB_13C = 3	3 weeks (15 to 21 days)
5	22 <= AGPB_13B <= 31 or AGPB_13C = 4 or AGPB_13D = 1	1 month
6	32 <= AGPB_13B <= 60 or 5 <= AGPB_13C <= 8 or AGPB_13D = 2	2 months
7	61 <= AGPB_13B <= 91 or 9 <= AGPB_13C <= 13 or AGPB_13D = 3	3 months
8	92 <= AGPB_13B <= 120 or 14 <= AGPB_13C <= 17 or AGPB_13D = 4	4 months
9	121 <= AGPB_13B <= 151 or 18 <= AGPB_13C <= 21 or AGPB_13D = 5	5 months
10	152 <= AGPB_13B <= 180 or 22 <= AGPB_13C <= 26 or AGPB_13D = 6	6 months
11	181 <= AGPB_13B <= 211 or 27 <= AGPB_13C <= 30 or AGPB_13D = 7	7 months
12	212 <= AGPB_13B <= 240 or 31 <= AGPB_13C <= 34 or AGPB_13D = 8	8 months
13	241 <= AGPB_13B <= 271 or 35 <= AGPB_13C <= 39 or AGPB_13D = 9	9 months
14	272 <= AGPB_13B <= 300 or 40 <= AGPB_13C <= 44 or AGPB_13D = 10	10 months
15	301 <= AGPB_13B <= 331 or 45 <= AGPB_13C <= 48 or AGPB_13D = 11	11 months

16	332 <= AGPB_13B <= 365 or 49 <= AGPB_13C <= 52 or AGPB_13D = 12 or AGPB_13E = 1	1 year
17	366 <= AGPB_13B <= 900 or 53 <= AGPB_13C <= 104 or 13 <= AGPB_13D <= 48 or 2 <= AGPB_13E <= 4	2 to 4 years
18	AGPB_13E > 4 and AGPB_13E < NA	5 years or more
NS	AGPB_13B = (DK, R, NS) or AGPB_13C = (DK, R, NS) or AGPB_13D = (DK, R, NS) or AGPB_13E = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2) Agoraphobia - Lifetime Criterion A

Variable name: AGPBDA

Based on: AGPB_04D, AGPB_04G, AGPB_01A, AGPB_01B, AGPB_01C, AGPB_01D, AGPB_01E, AGPB_01F, AGPB_01G, AGPB_01H, AGPB_01I, AGPB_01J, AGPB_01K, SCRB_30

Description: This variable assesses whether the respondent meets Criterion A of the CCHS 1.2/WMH-CIDI lifetime algorithm. It identifies whether respondents reported anxiety about being in places or situations from which escape might be difficult (or embarrassing) and feared having a panic attack.

Value of AGPBDA	Condition(s)	Explanation
1	(AGPB_04D = 1 and AGPB_04G = 1) and at least 2 of (AGPB_01A, AGPB_01B, AGPB_01C, AGPB_01D, AGPB_01E, AGPB_01F, AGPB_01G, AGPB_01H, AGPB_01I, AGPB_01J, AGPB_01K) = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A. Respondent reported anxiety about being in places or situations from which escape might be difficult (or embarrassing) and fearing having a panic attack.
2	(AGPB_04D = 2, NA or AGPB_04G = 2, NA) or at least 10 of (AGPB_01A, AGPB_01B, AGPB_01C, AGPB_01D, AGPB_01E, AGPB_01F, AGPB_01G, AGPB_01H, AGPB_01I, AGPB_01J, AGPB_01K = 2, 3, NA) or SCRB_30 = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion A. Respondent did not report anxiety about being in places or situations from which escape might be difficult or embarrassing or fearing having a panic attack.
NS	(AGPB_04D = DK, R, NS) or (AGPB_04G = DK, R, NS) or (AGPB_01A = DK, R, NS) or (AGPB_01B = DK, R, NS) or (AGPB_01C = DK, R, NS) or (AGPB_01D = DK, R, NS) or (AGPB_01E = DK, R, NS) or (AGPB_01F = DK, R, NS) or (AGPB_01G = DK, R, NS) or (AGPB_01H = DK, R, NS) or (AGPB_01I = DK, R, NS) or (AGPB_01J = DK, R, NS) or (AGPB_01K = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

3) Agoraphobia - Lifetime Criterion B, Part 1

Variable name: AGPBDB1

Based on: SCRB_302, AGPB_13

Description: This variable identifies respondents who reported ever avoiding situations or being unable to leave the home for an entire day because of fear of the situations.

Value of AGPBDB1	Condition(s)	Explanation
1	SCRB_302 = 1 or AGPB_13 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion B, Part 1. Respondent avoided feared situation
2	(SCRB_302 = 2, NA) and (AGPB_13 = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion B, Part 1. Respondent did not avoid feared situations.
NS	(SCRB_302 = DK, R, NS) or (AGPB_13 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

4) Agoraphobia - Lifetime Criterion B, Part 2

Variable name: AGPBDB2

Based on: SCRB_301, AGPB_04D, AGPB_09A, AGPB_09B, AGPB_09C, AGPB_09D

Description: Criterion B, part 2 assesses whether the situations were endured with marked distress or with anxiety about having a panic attack or panic-like symptoms. This variable identifies whether the respondent experienced distress or anxiety or feared that they might have a panic attack or panic-like symptoms such as heart pounding or racing, sweating, trembling or shaking, or dry mouth.

Value of AGPBDB2	Condition(s)	Explanation
1	SCRB_301 = 1 or AGPB_04D = 1 or AGPB_09A = 1 or AGPB_09B = 1 or AGPB_09C = 1 or AGPB_09D = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion B, Part 2. Situations are endured with marked distress or with anxiety about having a panic attack or panic-like symptoms.
2	(SCRB_301 = 2, NA) and (AGPB_04D = 2, NA) and (AGPB_09A = 2, NA) and (AGPB_09B = 2, NA) and (AGPB_09C = 2, NA) and (AGPB_09D = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion B, Part 2. Situations are not endured with marked distress nor with anxiety about having a panic attack or panic-like symptoms.
NS	(SCRB_301 = DK, R, NS) or (AGPB_04D = DK, R, NS) or (AGPB_09A = DK, R, NS) or (AGPB_09B = DK, R, NS) or (AGPB_09C = DK, R, NS) or (AGPB_09D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

5) Agoraphobia - Lifetime Criterion B, Part 3

Variable name: AGPBDB3

Based on: AGPB_14

Description: This variable identifies whether the respondent was unable to go out of their home unless they had someone they knew with them, like a family member or friend.

Value of AGPBDB3	Condition(s)	Explanation
1	AGPB_14 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion B, Part 3. The situations required the presence of a companion.
2	(AGPB_14 = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion B, Part 3. The situations did not require the presence of a companion.
NS	(AGPB_14 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

6) Agoraphobia - Lifetime Criterion B (parts 1, 2, 3 combined)

Variable name: AGPBDB

Based on: AGPBDB1, AGPBDB2, AGPBDB3

Description: This variable identifies whether the respondent meets Criterion B of the CCHS 1.2/WMH-CIDI lifetime algorithm. The criterion is met if the respondent:

1. avoided situations associated with agoraphobia; or
2. endured situations with marked distress or anxiety about having a panic attack or panic-like symptoms; or
3. reported that the situations required the presence of a companion.

Value of AGPBDB	Condition(s)	Explanation
1	AGPBDB1 = 1 or AGPBDB2 = 1 or AGPBDB3 = 1	Respondent meets Lifetime CCHS 1.2/WMH-CIDI Criterion B. Respondent (1) avoided situations associated with agoraphobia; or (2) endured situations with marked distress or anxiety about having a panic attack or panic-like symptoms; or (3) reported that the situations required the presence of a companion.
2	AGPBDB1 = 2 and AGPBDB2 = 2 and AGPBDB3 = 2	Respondent does not meet Lifetime CCHS 1.2/WMH-CIDI Criterion B. Respondent (1) did not avoid situations associated with agoraphobia; and (2) did not experience marked distress or anxiety about having a panic attack or panic-like symptoms; and (3) did not require the presence of a companion.

NS	AGPBDB1 = NS or AGPBDB2 = NS or AGPBDB3 = NS	Respondent has a non-response (not stated) value in a derived variable required for calculation.
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7) Agoraphobia - Lifetime Algorithm

Variable name: AGPBDAP

Based on: AGPBDA, AGPBDB

Description: This variable identifies whether respondents meet the CCHS 1.2/WMH-CIDI criteria for lifetime agoraphobia. The criteria are met if respondent:

1. reported anxiety about being in places or situations from which escape might be difficult or embarrassing and feared having a panic attack; and
2. avoided situations associated with agoraphobia; or endured situations with marked distress or anxiety; or required the presence of a companion in the situations.

Value of AGPBDAP	Condition(s)	Explanation
1	AGPBDA = 1 and AGPBDB = 1	Respondent meets all CCHS 1.2/WMH-CIDI criteria for lifetime Agoraphobia. Respondent (1) reported anxiety about being in at least two different places or situations from which escape might be difficult or embarrassing and feared having a panic attack; and (2) avoided situations associated with agoraphobia; or endured situations with marked distress or anxiety; or required the presence of a companion in the situations.
2	AGPBDA = 2 or AGPBDB = 2	Respondent does not meet all CCHS 1.2/WMH-CIDI criteria for lifetime Agoraphobia. Respondent (1) did not report anxiety about being in at least two different places or situations from which escape might be difficult or embarrassing or in which help may not be available; or (2) did not avoid situations associated with agoraphobia; or did not endure situations with marked distress or anxiety; or did not require the presence of a companion in the situations.
NS	AGPBDA = NS or AGPBDB = NS	Respondent has a non-response (not stated) value in a derived variable required for calculation.

Agoraphobia with Panic Symptoms but without Panic Disorder - Lifetime

8) Agoraphobia with Panic Symptoms but without Panic Disorder - Lifetime Criterion A, Part 1

Variable name: AGPBDAP

Description: Criterion A, part 1 of Agoraphobia with Panic Symptoms but without Panic Disorder is exactly the same as the CCHS 1.2/WMH-CIDI criteria for lifetime Agoraphobia (variable AGPBDAP), defined and specified above in the present document.

9) Agoraphobia with Panic Symptoms but without Panic Disorder - Lifetime Criterion A, Part 2

Variable name: AGPBDPA2

Based on: AGPB_04C, AGPB_04D, AGPB_04E, AGPB_04F

Description: This variable identifies whether the respondent feared developing panic-like symptoms or having a panic attack.

Value of AGPBDPA2	Condition(s)	Explanation
1	AGPB_04C = 1 or AGPB_04D = 1 or AGPB_04E = 1 or AGPB_04F = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 2 of Agoraphobia with panic symptoms but without panic disorder. Respondent reported fear of developing panic-like symptoms or having a panic attack.
2	(AGPB_04C = 2, NA) and (AGPB_04D = 2, NA) and (AGPB_04E = 2, NA) and (AGPB_04F = 2, NA)	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion A, Part 2 of Agoraphobia with panic symptoms but without panic disorder. Respondent did not report fear of developing panic-like symptoms nor of having a panic attack.
NS	(AGPB_04C = DK, R, NS) or (AGPB_04D = DK, R, NS) or (AGPB_04E = DK, R, NS) or (AGPB_04F = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

10) Agoraphobia with Panic Symptoms but without Panic Disorder - Lifetime Criterion A (Parts 1, 2 combined)

Variable name: AGPBDPA

Based on: AGPBDAP, AGPBDPA2

Description: This variable assesses lifetime CCHS 1.2/WMH-CIDI Criterion A of Agoraphobia with Panic Symptoms but without Panic Disorder and identifies respondents who meet the lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia and fear developing panic-like symptoms or having a panic attack.

Value of AGPBDPA	Condition(s)	Explanation
1	AGPBDAP = 1 and AGPBDPA2 = 1	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion A of Agoraphobia with panic symptoms but without panic disorder.

		Respondent meets the lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia and fears developing panic-like symptoms or having a panic attack.
2	AGPBDAP = 2 or (AGPBDPA2 = 2, NA)	Respondent does not meet lifetime Criterion A of Agoraphobia with panic symptoms but without panic disorder. Respondent does not meet the lifetime criteria for Agoraphobia or does not fear developing panic-like symptoms or having a panic attack.
NS	AGPBDAP = NS or AGPBDPA2 = NS	Respondent has a non-response (not stated) value in a derived variable required for calculation.

11) Agoraphobia with Panic Symptoms but without Panic Disorder - Lifetime Criterion B

Variable name: AGPBDPB

Based on: PADBDPDS

Description: Criterion B is where criteria have never been met for lifetime Panic Disorder. This variable identifies respondents who do not meet the lifetime criteria for Panic Disorder.

Value of AGPBDPB	Condition(s)	Explanation
1	PADBDPDS = 2	Respondent meets lifetime CCHS 1.2/WMH-CIDI Criterion B of Agoraphobia with panic symptoms but without panic disorder. Respondent does not meet the lifetime CCHS 1.2/WMH-CIDI criteria for Panic Disorder.
2	PADBDPDS = 1	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI Criterion B of Agoraphobia with panic symptoms but without panic disorder. Respondent meets the lifetime CCHS 1.2/WMH-CIDI criteria for Panic Disorder.
NS	PADBDPDS = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.

12) Agoraphobia with Panic Symptoms but without Panic Disorder – Lifetime Algorithm

Variable name: AGPBDAPP

Based on: AGPBDPA, AGPBDPB

Description: This variable identifies whether the respondent meets the lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia with Panic Symptoms but without Panic Disorder. Respondents who meet the criteria reported:

1. meeting the lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia;
2. fear of developing panic-like symptoms or having a panic attack; and

3. not meeting the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder.

Note: Respondents who fail to meet the criteria include:

1. respondents who do not meet the CCHS 1.2/WMH-CIDI criteria for lifetime Agoraphobia;
2. respondents who meet the CCHS 1.2/WMH-CIDI criteria for lifetime Agoraphobia and lifetime Panic Disorder; and
3. respondents who meet the CCHS 1.2/WMH-CIDI criteria for lifetime Agoraphobia, do not meet the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder, and do not fear developing panic-like symptoms.

Value of AGPBDAPP	Condition(s)	Explanation
1	AGPBDPA = 1 and AGPBDPB = 1	Respondent meets all the CCHS 1.2/WMH-CIDI criteria for lifetime episode of Agoraphobia with Panic Symptoms but without Panic Disorder. Respondent reported (1) meeting the lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia; (2) fear of developing panic-like symptoms or having a panic attack; and (3) not meeting the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder.
2	AGPBDPA = 2 or AGPBDPB = 2	Respondent does not meet all CCHS 1.2/WMH-CIDI criteria for lifetime episode of Agoraphobia with Panic Symptoms but without Panic Disorder. Respondent (1) did not meet the CCHS 1.2/WMH-CIDI lifetime criteria for Agoraphobia; or (2) did not fear developing panic-like symptoms or having a panic attack; or (3) met the CCHS 1.2/WMH-CIDI criteria for lifetime Panic Disorder.
NS	AGPBDPA = NS or AGPBDPB = NS	Respondent has a non-response (not stated) value in a derived variable required for calculation.

13) Agoraphobia – Age of Onset – Grouped

Variable name: AGPBGON

Based on: AGPBDAP, AGPB_03A, AGPB_03B

Description: This variable identifies the respondent's age when they first feared one of the agoraphobic situations. This variable is only calculated for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia.

In order to ensure individuals were not identifiable, records have been collapsed into age groups. See data dictionary.

Value of AGPBGON	Condition(s)	Explanation
NA	AGPBDAP = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia.
Value in AGPB_03A	AGPBDAP = 1 and AGPB_03A < NA	Age of onset is the age when respondent first feared one of the situations associated with agoraphobia.

Value in AGPB_03B	AGPBDAP = 1 and AGPB_03B < NA	Age of onset is the age when respondent first feared one of the situations associated with agoraphobia.
NS	AGPBDAP = NS or (AGPB_03B = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) the question required for calculation.

14) Agoraphobia – Recency Age – Grouped

Variable name: AGPBGREC

Based on: AGPBDAP, AGPB_17, AGPB_17B, DHHB_AGE

Description: This variable identifies the respondent's age the last time they strongly feared or avoided the situations associated with agoraphobia. This variable is only calculated for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia.

In order to ensure individuals were not identifiable, records have been collapsed into age groups. See data dictionary.

Value of AGPBGREC	Condition(s)	Explanation
NA	AGPBDAP = 2 or AGPB_17 = NA	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia or respondent not asked AGPB_17
DHHB_AGE	AGPBDAP = 1 and AGPB_17 = 1	Recency age is current age.
Value in AGPB_17B	AGPBDAP = 1 and (AGPB_17 = 2, DK) and AGPB_17B < NA	Recency age is age last strongly feared or avoided one of the situations associated with agoraphobia.
NS	AGPBDAP = NS or (AGPB_17 = R, NS) or (AGPB_17B = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

15) Agoraphobia – Persistence – Grouped

Variable name: AGPBGPER

Based on: AGPBDAP, AGPBG13A

Description: Persistence can be calculated only for respondents who said they were ever unable to leave their home for an entire day because of their fear. This variable identifies the longest period the respondent was unable to leave his/her home. It is calculated only for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia.

In order to ensure individuals were not identifiable, records have been collapsed into groupings of duration periods. See data dictionary.

Value of AGPBGPER	Condition(s)	Explanation
NA	AGPBDAP = 2 or AGPBG13A = NA	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia, or Respondent not asked the questions required for calculation.

Value in AGPBG13A	AGPBDAP = 1 and AGPBG13A < NA	Duration of respondent's longest period when unable to leave their home.
NS	AGPBDAP = NS or AGPBG13A = NS	Respondent did not answer (not stated) at least one question required for calculation.

16) Agoraphobia with Panic Symptoms but without Panic Disorder– Age of Onset – Grouped

Variable name: AGPBGONP

Based on: AGPBDAPP, AGPB_03A, AGPB_03B

Description: This variable identifies the respondent's age when they first feared one of the agoraphobic situations. This variable is only calculated for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia with Panic Symptoms but without Panic Disorder.

In order to ensure individuals were not identifiable, records have been collapsed into age groupings. See data dictionary.

Value of AGPBGONP	Condition(s)	Explanation
NA	AGPBDAPP = 2	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia with Panic Symptoms but without panic disorder.
Value in AGPB_03A	AGPBDAPP = 1 and AGPB_03A < NA	Age of onset is the age when respondent first feared one of the situations associated with agoraphobia.
Value in AGPB_03B	AGPBDAPP = 1 and AGPB_03B < NA	Age of onset is the age when respondent first feared one of the situations associated with agoraphobia.
NS	AGPBDAPP = NS or (AGPB_03B = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) the question required for calculation.

17) Agoraphobia with Panic Symptoms but without Panic Disorder – Recency Age – Grouped

Variable name: AGPBGRCP

Based on: AGPBDAPP, AGPB_17, AGPB_17B, DHHB_AGE

Description: This variable identifies the respondent's age the last time they strongly feared or avoided the situations associated with agoraphobia. This variable is only calculated for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia with Panic Symptoms but without Panic Disorder.

In order to ensure individuals were not identifiable, records have been collapsed into age groupings. See data dictionary.

Value of AGPBGRCP	Condition(s)	Explanation
NA	AGPBDAPP = 2 or AGPB_17 = NA	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia with Panic Symptoms but without panic disorder or respondent not asked AGPB_17.

DHHB_AGE	AGPBDAPP = 1 and AGPB_17 = 1	Recency age is current age.
Value in AGPB_17B	AGPBDAPP = 1 and (AGPB_17 = 2, DK) and AGPB_17B < NA	Recency age is age last strongly feared or avoided one of the situations associated with agoraphobia.
NS	AGPBDAPP = NS or (AGPB_17 = R, NS) or (AGPB_17B = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

18) Agoraphobia without Panic Disorder – Persistence – Grouped

Variable name: AGPBGPRP

Based on: AGPBDAPP, AGPBG13A

Description: Persistence can be calculated only for respondents who said they were ever unable to leave their home for an entire day because of their fear. This variable identifies the longest period the respondent was unable to leave his/her home. It is calculated only for respondents who meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia without Panic Disorder.

In order to ensure individuals were not identifiable, records have been collapsed into groupings of duration periods. See data dictionary.

Value of AGPBGPRP	Condition(s)	Explanation
NA	AGPBDAPP = 2 or AGPBG13A = NA	Respondent does not meet lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia without panic disorder Or Respondent not asked the questions required for calculation.
Value in AGPBG13A	AGPBDAPP = 1 and AGPBG13A < NA	Duration of respondent's longest period when unable to leave their home.
NS	AGPBDAPP = NS or AGPBG13A = NS	Respondent did not answer (not stated) at least one question required for calculation.

Agoraphobia – Past 12 Months

19) Agoraphobia – Past 12 Months Algorithm

Variable name: AGPBDPY

Based on: AGPBDAPP, AGPB_17, AGPB_03A, AGPB_03B, AGPB_06, AGPB_17B, DHHB_AGE

Description: This is the final variable that identifies whether respondents meet or fail to meet the CCHS 1.2/WMH-CIDI criteria for Agoraphobia in the 12 months prior to the interview. Respondents who meet the criteria reported:

1. meeting the lifetime CCHS 1.2/WMH-CIDI criteria for Agoraphobia; and
2. fearing or avoiding the agoraphobic situations in the 12 months prior to the interview.

Value of AGPBDPY	Condition(s)	Explanation
1	AGPBDAP = 1 and (AGPB_17 = 1 or AGPB_03A = DHHB_AGE or AGPB_03B = DHHB_AGE or AGPB_06 = DHHB_AGE or AGPB_17B = DHHB_AGE)	Respondent meets all criteria for past 12-month Agoraphobia. Respondent reported meeting the lifetime criteria for Agoraphobia and fearing or avoiding the agoraphobic situations in the 12 months prior to the interview.
2	AGPBDAP = 2 or (AGPB_17 = 2, NA and AGPB_03A <= NA and AGPB_03B <= NA and AGPB_06 <= NA and AGPB_17B <= NA)	Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for 12-month Agoraphobia. Respondent did meet the lifetime criteria for Agoraphobia or did not fear or avoid the agoraphobic situations in the 12 months prior to the interview.
NS	AGPBDAP = NS or (AGPB_17 = DK, R, NS) or (AGPB_03A = DK, R, NS) or (AGPB_03B = DK, R, NS) or (AGPB_06 = DK, R, NS) or (AGPB_17B = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

20) Agoraphobia with Panic Symptoms but without Panic Disorder – 12-month Algorithm

Variable name: AGPBDPYP

Based on: AGPBDAPP, AGPB_17, AGPB_03A, AGPB_03B, AGPB_06, AGPB_17B, DHHB_AGE

Description: This is the final variable that identifies whether respondents meet or fail to meet the DSM-IV criteria for Agoraphobia with Panic Symptoms but without Panic Disorder in the 12 months prior to the interview. Respondents who meet the criteria reported:

1. meeting the lifetime CCHS 1.2-WMH/CID criteria for Agoraphobia with Panic Symptoms but without Panic Disorder; and
2. fearing or avoiding the agoraphobic situations in the 12 months prior to the interview.

Value of AGPBDPYP	Condition(s)	Explanation
1	AGPBDAPP = 1 and (AGPB_17 = 1 or AGPB_03A = DHHB_AGE or AGPB_03B = DHHB_AGE or AGPB_06 = DHHB_AGE or AGPB_17B = DHHB_AGE)	Respondent meets all CCHS 1.2-WMH/CIDI criteria for past 12-month Agoraphobia with Panic Symptoms but without Panic Disorder. Respondent reported meeting the lifetime CCHS 1.2-WMH/CID criteria for Agoraphobia with Panic Symptoms but without panic disorder and fearing or avoiding the agoraphobic situations in the 12 months prior to the interview.

2	AGPBDAPP = 2 or (AGPB_17 = 2, NA and AGPB_03A <= NA and AGPB_03B <= NA and AGPB_06 <= NA and AGPB_17B <= NA)	Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for 12-month Agoraphobia with Panic Symptoms but without Panic Disorder. Respondent did meet the CCHS 1.2-WMH/CIDI criteria for lifetime Agoraphobia with Panic Symptoms but without Panic Disorder or did not fear or avoid the agoraphobic situations in the 12 months prior to the interview.
NS	AGPBDAPP = NS or (AGPB_17 = DK, R, NS) or (AGPB_03A = DK, R, NS) or (AGPB_03B = DK, R, NS) or (AGPB_06 = DK, R, NS) or (AGPB_17B = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

21) Agoraphobia Interference — Mean

Variable name: AGPBDINT

Based on: AGPB_20A, AGPB_201, AGPB_202, AGPB_20C, AGPB_20D, AGPBDPY

Description: This variable describes the interference that agoraphobia had on daily activities and responsibilities in the past 12 months. This is a mean of the 5 items. This variable is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a 12-month episode.

Note: Respondents who reported that "if they were faced with the same situation that provoked agoraphobia today, that they would have mild or no fear" were not asked this inference question.

Value of AGPBDINT	Condition(s)	Explanation
NA	AGPBDPY = 2	Respondent did not meet the CCHS 1.2-WMH/CID criteria for past 12-month diagnosis of agoraphobia.
NS	AGPB_20A = NA and AGPB_201 = NA and AGPB_202 = NA and AGPB_20C = NA and AGPB_20D = NA	Respondent was not asked the interference questions because they reported that 'if they were faced with the same situation that provoked agoraphobia today, that they would have mild or no fear'.
NS	AGPBDPY = NS or (AGPB_20A = DK, R, NS) or (AGPB_201 = DK, R, NS) or (AGPB_202 = DK, R, NS) or (AGPB_20C = DK, R, NS) or (AGPB_20D = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
$(AGPB_20A + AGPB_201 + AGPB_202 + AGPB_20C + AGPB_20D) / 5$ (min: 0.0; max: 10.0) (round to .1)	AGPBDPY = 1 and $0 \leq AGPB_201 \leq 10$ and $0 \leq AGPB_202 \leq 10$ and $0 \leq AGPB_20A \leq 10$ and $0 \leq AGPB_20C \leq 10$ and $0 \leq AGPB_20D \leq 10$	Interference = mean of all five items. Respondent answered all five questions.
$(AGPB_20A + AGPB_202 + AGPB_20C + AGPB_20D) / 4$ (min: 0.0; max: 10.0)	AGPBDPY = 1 and AGPB_201 = 11 and $0 \leq AGPB_202 \leq 10$ and $0 \leq AGPB_20A \leq 10$ and	Interference = mean of four items that applied to respondent. AGPB_201 was not applicable (i.e., they did not attend school within

(round to .1)	$0 \leq \text{AGPB_20C} \leq 10$ and $0 \leq \text{AGPB_20D} \leq 10$	the past 12 months).
$(\text{AGPB_20A} + \text{AGPB_201} + \text{AGPB_20C} + \text{AGPB_20D}) / 4$ (min: 0.0; max: 10.0) (round to .1)	$\text{AGPBDPY} = 1$ and $0 \leq \text{AGPB_201} \leq 10$ and $\text{AGPB_202} = 11$ and $0 \leq \text{AGPB_20A} \leq 10$ and $0 \leq \text{AGPB_20C} \leq 10$ and $0 \leq \text{AGPB_20D} \leq 10$	Interference = mean of four items that applied to respondent. AGPB_202 was not applicable (i.e., they did not have a job within the past 12 months).
$(\text{AGPB_20A} + \text{AGPB_20C} + \text{AGPB_20D}) / 3$ (min: 0.0; max: 10.0) (round to .1)	$\text{AGPBDPY} = 1$ and $\text{AGPB_201} = 11$ and $\text{AGPB_202} = 11$ and $0 \leq \text{AGPB_20A} \leq 10$ and $0 \leq \text{AGPB_20C} \leq 10$ and $0 \leq \text{AGPB_20D} \leq 10$	Interference = mean of three items that applied to respondent. AGPB_201 and AGPB_202 were not applicable (i.e., they did not attend school and did not have a job within the past 12 months).

22) Flag for Agoraphobia Interference

Variable name: AGPBFINT

Based on: AGPB_20A, AGPB_201, AGPB_202, AGPB_20C, AGPB_20D, AGPBDPY

Description: This variable describes the interference that agoraphobia had on daily activities and responsibilities in the past 12 months. This is a classification that indicates whether agoraphobia interferes significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships. This question is calculated only for respondents who meet the CCHS 1.2/WMH-CIDI criteria for a 12-month episode.

Note: Respondents who reported that 'if they were faced with the same situation that provoked agoraphobia today, that they would have mild or no fear' were not asked this inference question.

Value of AGPBFINT	Condition(s)	Explanation
NA	$\text{AGPBDPY} = 2$	Respondent did not meet the CCHS 1.2-WMH/CID criteria for past 12-month agoraphobia.
NS	$\text{AGPB_20A} = \text{NA}$ and $\text{AGPB_201} = \text{NA}$ and $\text{AGPB_202} = \text{NA}$ and $\text{AGPB_20C} = \text{NA}$ and $\text{AGPB_20D} = \text{NA}$	Respondent was not asked the interference questions because they reported that 'if they were faced with the same situation that provoked agoraphobia today, that they would have mild or no fear'.
1	$\text{AGPBDPY} = 1$ and ($4 \leq \text{AGPB_20A} \leq 10$ or $4 \leq \text{AGPB_201} \leq 10$ or $4 \leq \text{AGPB_202} \leq 10$ or $4 \leq \text{AGPB_20C} \leq 10$ or $4 \leq \text{AGPB_20D} \leq 10$)	Agoraphobia caused significant interference with the person's normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months
2	$\text{AGPBDPY} = 1$ and $0 \leq \text{AGPB_20A} \leq 3$ and ($0 \leq \text{AGPB_201} \leq 3$ or $\text{AGPB_201} = 11$) and ($0 \leq \text{AGPB_202} \leq 3$ or $\text{AGPB_202} = 11$) and $0 \leq \text{AGPB_20C} \leq 3$ and $0 \leq \text{AGPB_20D} \leq 3$	Agoraphobia did not cause significant interference with the person's normal routine, occupation (academic) functioning or social activities or relationships in the past 12 months.
NS	$\text{AGPBDPY} = \text{NS}$ or ($\text{AGPB_20A} = \text{DK, R, NS}$) or ($\text{AGPB_201} = \text{DK, R, NS}$) or ($\text{AGPB_202} = \text{DK, R, NS}$) or ($\text{AGPB_20C} = \text{DK, R, NS}$) or ($\text{AGPB_20D} = \text{DK, R, NS}$)	Respondent has a non-response (not stated) value in the derived variable required for calculation or respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Mental Health Profiles (9 DVs)

DSM refers to the Diagnostic and Statistical Manual of Mental Disorders used by the American Psychiatric Association. It is an internationally recognized classification of mental disorders with several versions. Mental disorders, conditions or problems found in the CCHS 1.2 are operationalized to partially meet either the DSM-IV or DSM-III-R definitions/classification. The derived variables in this section are not part of the DSM classification system themselves, but are summary indicators whose component variables are coded to the CCHS 1.2/WMH-CIDI standards.

For the purposes of documentation, the wording "disorder(s)" found in this section can refer to disorder, episode, condition or problem.

1) Lifetime Diagnosis – Any Selected Disorder

Variable name: MHPBFL

Based on: AGPBDAP, DEPBDDPS, MIABDEPS, PADBDPDS, SOPBDSP

Description: This variable identifies whether the respondent met the CCHS 1.2/WMH-CIDI criteria for any of the measured disorders in their lifetime.

Note: This variable is not comparable to "12 month diagnosis – Any selected disorder or substance dependence" (MHPBFY) because it does not include alcohol dependence or substance dependence.

Value of MHPBFL	Condition(s)	Explanation
1	AGPBDAP = 1 or DEPBDDPS = 1 or MIABDEPS = 1 or PADBDPDS = 1 or SOPBDSP = 1	Respondent met the CCHS 1.2/WMH-CIDI criteria for at least one listed disorder in their lifetime.
2	AGPBDAP = 2 and DEPBDDPS = 2 and MIABDEPS = 2 and PADBDPDS = 2 and SOPBDSP = 2	Respondent did not meet the criteria for all listed disorders in their lifetime.
NS	AGPBDAP = NS or DEPBDDPS = NS or MIABDEPS = NS or PADBDPDS = NS or SOPBDSP = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

2) Lifetime Diagnosis – Any Mood Disorder

Variable name: MHPBFLM

Based on: DEPBDDPS, MIABDEPS

Description: This variable identifies whether respondent met the CCHS 1.2/WMH-CIDI criteria for either of the measured mood disorders (major depressive episode, manic episode) in their lifetime.

Value of MHPBFLM	Condition(s)	Explanation
1	DEPBDDPS = 1 or MIABDEPS = 1	Respondent met the CCHS 1.2/WMH-CIDI criteria for at least one listed mood disorder in their lifetime.
2	DEPBDDPS = 2 and MIABDEPS = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for either listed mood disorders in their lifetime.

NS	DEPBDDPS = NS or MIABDEPS = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.
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3) Lifetime Diagnosis – Any Anxiety Disorder

Variable name: MHPBFLA

Based on: AGPBDAP, PADBDPDS, SOPBDSP

Description: This variable identifies whether respondent met the CCHS 1.2/WMH-CIDI criteria for any of the measured anxiety disorders (agoraphobia, panic disorder, social phobia) in their lifetime.

Value of MHPBFLA	Condition(s)	Explanation
1	AGPBDAP = 1 or PADBDPDS = 1 or SOPBDSP = 1	Respondent met the CCHS 1.2/WMH-CIDI criteria for at least one listed anxiety disorder in their lifetime.
2	AGPBDAP = 2 and PADBDPDS = 2 and SOPBDSP = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for any listed anxiety disorder in their lifetime.
NS	AGPBDAP = NS or PADBDPDS = NS or SOPBDSP = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

4) 12-Month Diagnosis – Any Selected Disorder or Substance Dependence

Variable name: MHPBFY

Based on: AGPBDPY, DEPBDDY, MIABDEY, PADBDDY, SOPBDPY, ALDBDSF, IDGBFYDP

Description: This variable identifies whether respondent met the CCHS 1.2/WMH-CIDI criteria for any of the measured disorders or substance dependencies in the past 12 months.

Value of MHPBFY	Condition(s)	Explanation
1	AGPBDPY = 1 or DEPBDDY = 1 or MIABDEY = 1 or PADBDDY = 1 or SOPBDPY = 1 or 3 <= ALDBDSF < NA or IDGBFYDP = 1	Respondent met the CCHS 1.2/WMH-CIDI criteria for at least one listed disorder or dependence in the past 12 months.
2	AGPBDPY = 2 and DEPBDDY = 2 and MIABDEY = 2 and PADBDDY = 2 and SOPBDPY = 2 and ALDBDSF < 3 and IDGBFYDP = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for any listed disorder or dependence in the past 12 months
NS	AGPBDPY = NS or DEPBDDY = NS or MIABDEY = NS or PADBDDY = NS or SOPBDPY = NS or ALDBDSF = NS or IDGBFYDP = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

5) 12-Month Diagnosis – Any Mood Disorder

Variable name: MHPBFYM

Based on: DEPBDDY, MIABDEY

Description: This variable identifies whether respondent met the CCHS 1.2/WMH-CIDI criteria for either of the measured mood disorders (major depressive episode, manic episode) in the past 12 months.

Value of MHPBFYM	Condition(s)	Explanation
1	DEPBDDY = 1 or MIABDEY = 1	Respondent met the CCHS 1.2/WMH-CIDI criteria for at least one listed mood disorder in the past 12 months.
2	DEPBDDY = 2 and MIABDEY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for either listed mood disorder in the past 12 months.
NS	DEPBDDY = NS or MIABDEY = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

6) 12-Month Diagnosis – Any Anxiety Disorder

Variable name: MHPBFYA

Based on: AGPBDPY, PADBDDY, SOPBDPY

Description: This variable identifies whether respondent met the CCHS 1.2/WMH-CIDI criteria for any of the measured anxiety disorders (agoraphobia, panic disorder, social phobia) in the past 12 months.

Value of MHPBFYA	Condition(s)	Explanation
1	AGPBDPY = 1 or PADBDDY = 1 or SOPBDPY = 1	Respondent met the CCHS 1.2/WMH-CIDI criteria for at least one listed anxiety disorder in the past 12 months.
2	AGPBDPY = 2 and PADBDDY = 2 and SOPBDPY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for any listed anxiety disorder in the past 12 months.
NS	AGPBDPY = NS or PADBDDY = NS or SOPBDPY = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

7) 12-Month Diagnosis – Any Substance Dependence

Variable name: MHPBFYSA

Based on: ALDBDSF, IDGBFYDP

Description: This variable identifies whether respondent met the CCHS 1.2/WMH-CIDI criteria for dependence of alcohol or illicit drugs in the past 12 months.

Value of MHPBFYSA	Condition(s)	Explanation
1	3 <= ALDBDSF < NA or IDGBFYDP = 1	Respondent met the CCHS 1.2/WMH-CIDI criteria for at least one listed dependency in the past 12 months.

2	ALDBDSF < 3 and IDGBFYDP = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for any listed dependency in the past 12 months.
NS	ALDBDSF = NS or IDGBFYDP = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

8) Flag for 12-Month Interference from Any Disorder or Substance Dependence

Variable name: MHPBFINT

Based on: MIABFINT, DEPBFIN, PADBFINT, SOPBFINT, AGPBFINT, ALDBFINT, IDGBFINT, MHPBFY

Description: This variable describes whether any disorder caused significant interference on daily activities and responsibilities in the past 12 months as a result of at least one of the measured mental disorders or substance dependencies. It is calculated for respondents who met the CCHS 1.2/WMH-CIDI criteria for any 12-month disorder.

Value of MHPBFINT	Condition(s)	Explanation
NA	MHPBFY = 2	Respondent did not meet the CCHS 1.2/WMH-CIDI criteria for 12-month episode of any disorder.
1	DEPBFIN = 1 or MIABFINT = 1 or PADBFINT = 1 or SOPBFINT = 1 or AGPBFINT = 1 or ALDBFINT = 1 or IDGBFINT = 1	Respondent experienced significant interference with their normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months as a result of at least one disorder.
2	(DEPBFIN = 2, NA) and (MIABFINT = 2, NA) and (PADBFINT = 2, NA) and (SOPBFINT = 2, NA) and (AGPBFINT = 2, NA) and (ALDBFINT = 2, NA) and (IDGBFINT = 2, NA)	Respondent did not experience significant interference with their normal routine, occupation (academic) functioning or social activities or relationships in the past 12 months.
NS	(DEPBFIN = NS or MIABFINT = NS or PADBFINT = NS or SOPBFINT = NS or AGPBFINT = NS or ALDBFINT = NS or IDGBFINT = NS) or MHPBFY = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

9) Age of Onset – Any Selected Disorder – Grouped

Variable name: MHPBGAON

Based on: MHPBFLM, MHPBFLA, AGPBDON, DEPBON, MIABDON, PADBDON, SOPBDON

Description: This variable calculates the age of first disorder onset, for respondents who meet the CCHS 1.2/WMH-CIDI criteria for any lifetime mood or anxiety disorder. It is calculated for respondents who met the CCHS 1.2/WMH-CIDI criteria for at least one lifetime disorder excluding substance dependence.

In order to ensure individuals were not identifiable, records have been collapsed into age groups. See data dictionary.

Value of MHPBGAON	Condition(s)	Explanation
NA	(MHPBFLM = 2 and MHPBFLA = 2) or (AGPBDON = NA and DEPBDON = NA and MIABDON = NA and PADBDON = NA and SOPBDON = NA)	Respondent did not meet the CCHS 1.2/WMH-CIDI lifetime criteria for any of the disorders measured.
Minimum of (AGPBDON, DEPBDON, MIABDON, PADBDON, SOPBDON) (min: 0; max: current age)	(MHPBFLM = 1 or MHPBFLA = 1) and At least one of (AGPBDON, DEPBDON, MIABDON, PADBDON, SOPBDON) <= 130	Youngest age of onset calculated for respondents with at least one valid age of onset.
NS	MHPBFLM = NS or MHPBFLA = NS or AGPBDON = NS or DEPBDON = NS or MIABDON = NS or PADBDON = NS or SOPBDON = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

Alcohol Use (3 DVs)

These variables examine frequency, regularity and amount of alcohol consumption.

1) Type of Drinker

Variable name: ALCBDTYP

Based on: ALCB_2, ALCB_5B

Description: This variable determines the type of drinker the respondent is based on his/her drinking habits.

Source: General Social Survey - Health, Cycle 6 (1991)

Statistics Canada's Web Site: www.statcan.ca/english/sdds/3894.htm

Value of ALCBDTYP	Condition(s)	Explanation
NS	(ALCB_2 = DK, R, NS) or (ALCB_5B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
1	1 < ALCB_2 < NA	Regular drinker
2	ALCB_2 = 1	Occasional drinker
3	ALCB_5B = 1	Former Drinker
4	ALCB_5B = 2	Never Drank

2) Weekly Consumption

Variable name: ALCBDWKY

Based on: ALCB_1, ALCB_5A1, ALCB_5A2, ALCB_5A3, ALCB_5A4, ALCB_5A5, ALCB_5A6, ALCB_5A7

Description: The following variable represents the sum of numbers of drinks consumed on all days, in the week prior to the interview. This derived variable is calculated only for those respondents who had at least one drink in the last 12 months.

Source: General Social Survey - Health, Cycle 6 (1991)

Statistics Canada's Web Site: www.statcan.ca/english/sdds/3894.htm

Value of ALCBDWKY	Condition(s)	Explanation
NA	ALCB_1 = 2	Respondent has not had a drink in the past year.
0	ALCB_5A1 = NA	Respondent has not had a drink in last week.
NS	(ALCB_5A1 = DK, R, NS) or (ALCB_5A2 = DK, R, NS) or (ALCB_5A3 = DK, R, NS) or (ALCB_5A4 = DK, R, NS) or (ALCB_5A5 = DK, R, NS) or (ALCB_5A6 = DK, R, NS) or (ALCB_5A7 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
(ALCB_5A1 + ALCB_5A2 + ALCB_5A3 + ALCB_5A4 + ALCB_5A5 + ALCB_5A6 + ALCB_5A7) (min: 0; max: 693)	0 <= ALCB_5A1 < 100 and 0 <= ALCB_5A2 < 100 and 0 <= ALCB_5A3 < 100 and 0 <= ALCB_5A4 < 100 and 0 <= ALCB_5A5 < 100 and 0 <= ALCB_5A6 < 100 and 0 <= ALCB_5A7 < 100	Alcohol consumed last week

3) Average Daily Alcohol Consumption – Grouped

Variable name: ALCBGDLY

Based on: ALCBDWKY

Description: This variable represents the average number of drinks the respondent consumed per day, and is calculated by taking the weekly total alcohol consumption in the prior week and dividing it by 7. This derived variable is calculated only for those respondents who had at least one drink in the last 12 months. In order to ensure individuals were not identifiable, records with an average number of 12 drinks per day or more have been grouped. See data dictionary.

Source: General Social Survey - Health, Cycle 6 (1991)

Statistics Canada's Web Site: www.statcan.ca/english/sdds/3894.htm

Value of ALCBGDLY	Condition(s)	Explanation
NS	ALCBDWKY = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.
NA	ALCBDWKY = NA	Not applicable
ALCBDWKY / 7 (min: 0; max: 99) (round to integer)	ALCBDWKY < 694	Average daily alcohol consumption

Alcohol Dependence/Abuse (4 DVs)

The CCHS uses the full range of questions developed by Kessler and Mroczek to derive the measure of alcohol dependence. In the CCHS 1.2, both respondents who had five drinks or more on one occasion at least once a month during the past 12 months and those who had five drinks or more during another 12-month period in their lives answered the Alcohol Dependence questions.

Note: There is no derived variable for lifetime alcohol dependence or lifetime probability of caseness to respondents (alcohol dependence). A skip error in the questionnaire resulted in an inability to assess lifetime symptoms for respondents who were also asked the 12-month dependence questions. Specifically, if a respondent said "yes" to the symptom for the past 12 months, they are not asked whether they had experienced it previously in their lifetime. Therefore, these respondents have lifetime responses only for those 12-month questions to which they answered "no".

Temporary Reformat

Reformat	Explanation
If (ALDB_01 = 1, 2) then ALDRQ01 = (2 - ALDB_01) If (ALDB_01L = 1, 2) then ALDRQ01L = (2 - ALDB_01L) If (ALDB_01A = 1, 2) then ALDRQ01A = (2 - ALDB_01A) If (ALDB_03 = 1, 2) then ALDRQ03 = (2 - ALDB_03) If (ALDB_03L = 1, 2) then ALDRQ03L = (2 - ALDB_03L) If (ALDB_03A = 1, 2) then ALDRQ03A = (2 - ALDB_03A) If (ALDB_04 = 1, 2) then ALDRQ04 = (2 - ALDB_04) If (ALDB_04L = 1, 2) then ALDRQ04L = (2 - ALDB_04L) If (ALDB_04A = 1, 2) then ALDRQ04A = (2 - ALDB_04A) If (ALDB_05 = 1, 2) then ALDRQ05 = (2 - ALDB_05) If (ALDB_05L = 1, 2) then ALDRQ05L = (2 - ALDB_05L) If (ALDB_05A = 1, 2) then ALDRQ05A = (2 - ALDB_05A) If (ALDB_06 = 1, 2) then ALDRQ06 = (2 - ALDB_06) If (ALDB_06L = 1, 2) then ALDRQ06L = (2 - ALDB_06L) If (ALDB_06A = 1, 2) then ALDRQ06A = (2 - ALDB_06A) If (ALDB_07 = 1, 2) then ALDRQ07 = (2 - ALDB_07) If (ALDB_07L = 1, 2) then ALDRQ07L = (2 - ALDB_07L) If (ALDB_07A = 1, 2) then ALDRQ07A = (2 - ALDB_07A) If (ALDB_09 = 1, 2) then ALDRQ09 = (2 - ALDB_09) If (ALDB_09L = 1, 2) then ALDRQ09L = (2 - ALDB_09L) If (ALDB_09A = 1, 2) then ALDRQ09A = (2 - ALDB_09A) If (ALDB_10 = 1, 2) then ALDRQ10 = (2 - ALDB_10) If (ALDB_10L = 1, 2) then ALDRQ10L = (2 - ALDB_10L) If (ALDB_10A = 1, 2) then ALDRQ10A = (2 - ALDB_10A) If (ALDB_11 = 1, 2) then ALDRQ11 = (2 - ALDB_11) If (ALDB_11L = 1, 2) then ALDRQ11L = (2 - ALDB_11L) If (ALDB_11A = 1, 2) then ALDRQ11A = (2 - ALDB_11A) If (ALDB_12 = 1, 2) then ALDRQ12 = (2 - ALDB_12) If (ALDB_12L = 1, 2) then ALDRQ12L = (2 - ALDB_12L) If (ALDB_12A = 1, 2) then ALDRQ12A = (2 - ALDB_12A) If (ALDB_13 = 1, 2) then ALDRQ13 = (2 - ALDB_13) If (ALDB_13L = 1, 2) then ALDRQ13L = (2 - ALDB_13L) If (ALDB_13A = 1, 2) then ALDRQ13A = (2 - ALDB_13A) If (ALDB_14 = 1, 2) then ALDRQ14 = (2 - ALDB_14) If (ALDB_14L = 1, 2) then ALDRQ14L = (2 - ALDB_14L) If (ALDB_14A = 1, 2) then ALDRQ14A = (2 - ALDB_14A)	Rescale and invert the answers for questions ALDB_01 to ALDB_09A (except ALDB_02 and ALDB_08) from 1 and 2 to 1 and 0 respectively for all questions with valid response categories (i.e. old code 2 'No' becomes 0 'No', and 1 'Yes' remains the same).

1) Alcohol Dependence Scale (Short Form Score) – 12 Months

Variable name: ALDBDSF

Based on: ALDB_01, ALDB_03, ALDB_04, ALDB_05, ALDB_06, ALDB_07, ALDB_09

Description: This variable assesses alcohol dependence in the 12 months prior to the interview. Alcohol dependence is defined as tolerance, withdrawal, or loss of control or social or physical problems related to alcohol use. The index is based on a subset of items from the Composite International Diagnostic Interview (CIDI) developed by Kessler and Mroczek (University of Michigan). The CIDI is a structured diagnostic instrument that provides diagnostic estimates according to the operationalization of some of the criteria of the DSM-III-R classification for psychoactive substance user disorder.

Source: Kessler R.C., G. Andrews et D. Mroczek et al. "The World Health Organisation Composite Diagnostic Interview Short-Form", Psychological Medicine

Value of ALDBDSF	Condition(s)	Explanation
0	ALDB_01 = NA	Respondent did not drink enough in the past 12 months to answer the alcohol dependence questions for that period.
NS	(ALDB_01 = DK, R, NS) or (ALDB_03 = DK, R, NS) or (ALDB_04 = DK, R, NS) or (ALDB_05 = DK, R, NS) or (ALDB_06 = DK, R, NS) or (ALDB_07 = DK, R, NS) or (ALDB_09 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.
ALDRQ01 + ALDRQ03 + ALDRQ04 + ALDRQ05 + ALDRQ06 + ALDRQ07 + ALDRQ09 (min: 0; max: 7)	(ALDRQ01 = 0, 1) and (ALDRQ03 = 0, 1) and (ALDRQ04 = 0, 1) and (ALDRQ05 = 0, 1) and (ALDRQ06 = 0, 1) and (ALDRQ07 = 0, 1) and (ALDRQ09 = 0, 1)	Respondent answered yes or no to all questions required for calculation.

2) Probability of Caseness to Respondents (Alcohol Dependence) – 12 Months

Variable name: ALDBDPP

Based on: ALDBDSF

Description: The probability of caseness to respondents was assigned based on their short-form scores. The short-form measure of Alcohol Dependence was developed to reproduce a measure that partially operationalized both Criterion A and Criterion B of the DSM-III-R diagnosis for Psychoactive Substance Use Disorder. A probability of caseness of zero was assigned to respondents who denied the stem questions. The optimal dichotomous classification rule is to define all respondents with a short-form score of three or more as probable cases and all those with scores of zero through two as probable non-cases.

Based on the information obtained from the National Comorbidity Survey (in the U.S.), the score on the screening scale was cross-classified against Alcohol Dependence caseness designations based on the CIDI diagnostic computer program.

Value of ALDBDPP	Condition(s)	Explanation
NA	ALDBDSF = NA	Transformation of values derived in ALDBDSF
NS	ALDBDSF = NS	
0.00	ALDBDSF = 0	
0.05	ALDBDSF = 1	
0.40	ALDBDSF = 2	
0.85	ALDBDSF = 3	
1.00	3 < ALDBDSF < NA	

3) Alcohol Interference 12 Months - Mean

Variable name: ALDBDINT

Based on: ALDB_15A, ALDB_5B1, ALDB_5B2, ALDB_15C, ALDB_15D

Description: This variable describes the interference that alcohol use had on daily activities and responsibilities in the past 12 months. This is a mean of the five items.

Value of ALDBDINT	Condition(s)	Explanation
NA	ALDB_15A = NA	Respondent did not drink frequently enough or did not indicate problems with alcohol use.
NS	(ALDB_15A = DK, R, NS) or (ALDB_5B1 = DK, R, NS) or (ALDB_5B2 = DK, R, NS) or (ALDB_15C = DK, R, NS) or (ALDB_15D = DK, R, NS)	Respondent did not answer (don't know, refuse, or not stated) at least one question required for calculation.
$(ALDB_15A + ALDB_5B1 + ALDB_5B2 + ALDB_15C + ALDB_15D) / 5$ (min: 0.0; max: 10.0) (round to .1)	$0 \leq ALDB_5B1 \leq 10$ and $0 \leq ALDB_5B2 \leq 10$ and $0 \leq ALDB_15A \leq 10$ and $0 \leq ALDB_15C \leq 10$ and $0 \leq ALDB_15D \leq 10$	Interference = mean of all five items. Respondent answered all five questions.
$(ALDB_15A + ALDB_5B2 + ALDB_15C + ALDB_15D) / 4$ (min: 0.0; max: 10.0) (round to .1)	ALDB_5B1 = 11 and $0 \leq ALDB_5B2 \leq 10$ and $0 \leq ALDB_15A \leq 10$ and $0 \leq ALDB_15C \leq 10$ and $0 \leq ALDB_15D \leq 10$	Interference = mean of four items that applied to respondent. ALDB_5B1 was not applicable (i.e., they did not attend school within the past 12 months)
$(ALDB_15A + ALDB_5B1 + ALDB_15C + ALDB_15D) / 4$ (min: 0.0; max: 10.0) (round to .1)	$0 \leq ALDB_5B1 \leq 10$ and ALDB_5B2 = 11 and $0 \leq ALDB_15A \leq 10$ and $0 \leq ALDB_15C \leq 10$ and $0 \leq ALDB_15D \leq 10$	Interference = mean of 4 items that applied to respondent. ALDB_5B2 was not applicable (i.e., they did not have a job within the past 12 months).
$(ALDB_15A + ALDB_15C + ALDB_15D) / 3$ (min: 0.0; max: 10.0) (round to .1)	ALDB_5B1 = 11 and ALDB_5B2 = 11 and $0 \leq ALDB_15A \leq 10$ and $0 \leq ALDB_15C \leq 10$ and $0 \leq ALDB_15D \leq 10$	Interference = mean of three items that applied to respondent. ALDB_5B1 and ALDB_5B2 were not applicable (i.e., they did not attend school and did not have a job within the past 12 months).

4) Flag for Alcohol Interference 12 Months

Variable name: ALDBFINT

Based on: ALDB_15A, ALDB_5B1, ALDB_5B2, ALDB_15C, ALDB_15D

Description: This variable describes the interference that alcohol use had on daily activities and responsibilities in the past 12 months. This is a classification that indicates whether alcohol use interferes significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships.

Value of ALDBFINT	Condition(s)	Explanation
NA	ALDB_15A = NA	Respondent did not drink frequently enough or did not indicate problems with alcohol use.

1	4 <= ALDB_15A <= 10 or 4 <= ALDB_5B1 <= 10 or 4 <= ALDB_5B2 <= 10 or 4 <= ALDB_15C <= 10 or 4 <= ALDB_15D <= 10	Alcohol use interfered significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months
2	0 <= ALDB_15A <= 3 and (0 <= ALDB_5B1 <= 3 or ALDB_5B1 = 11) and (0 <= ALDB_5B2 <= 3 or ALDB_5B2 = 11) and 0 <= ALDB_15C <= 3 and 0 <= ALDB_15D <= 3	Alcohol use did not interfere significantly with the person's normal routine, occupation (academic) functioning or social activities or relationships in the past 12 months.
NS	(ALDB_15A = DK, R, NS) or (ALDB_5B1 = DK, R, NS) or (ALDB_5B2 = DK, R, NS) or (ALDB_15C = DK, R, NS) or (ALDB_15D = DK, R, NS)	Respondent did not answer (don't know, refuse, or not stated) at least one question required for calculation.

Illicit Drugs (17 DVs)

This module assesses lifetime and 12-month use of various illicit drugs. The questions for drug use are based on Canada's Alcohol and Other Drugs Survey (1994). In addition, 12-month illicit drug dependence is assessed based on criteria modified from the WMH CIDI which partially meets the DSM-IV definition/classification. For respondents who meet the CCHS 1.2/WMH-CIDI criteria for 12-month drug dependence, interference in daily activities and responsibilities is assessed.

DSM refers to the Diagnostic and Statistical Manual of Mental Disorders used by the American Psychiatric Association. It is an internationally recognized classification of mental disorders with several versions. Mental disorders or problems found in the CCHS 1.2 are operationalized to partially meet the DSM-IV and DSM-III-R definitions/classification.

Note: There is no derived variable for lifetime substance dependence. A skip error in the questionnaire resulted in an inability to assess lifetime symptoms for respondents who were also asked the 12-month dependence questions. Specifically, if a respondent said "yes" to the symptom for the past 12 months, they are not asked whether they had experienced it previously in their lifetime. Therefore, these respondents have lifetime responses only for those 12-month questions to which they answered "no".

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

Variable name: IDGBFLCA

Based on: IDGB_01

Description: This variable indicates whether respondents have ever used marijuana, cannabis or hashish.

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

Value of IDGBFLCA	Condition(s)	Explanation
1	(IDGB_01 = 1, 2)	Respondent has used marijuana.
2	IDGB_01 = 3	Respondent has never used marijuana.
NS	(IDGB_01 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

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

Variable name: IDGBFLCM

Based on: IDGB_01

Description: This variable indicates whether respondents have used marijuana, cannabis or hashish more than just once.

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

Value of IDGBFLCM	Condition(s)	Explanation
1	IDGB_01 = 2	Respondent has used marijuana more than once.
2	(IDGB_01 = 1, 3)	Respondent has never used marijuana or used it only once.
NS	(IDGB_01 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

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

Variable name: IDGBFYCM

Based on: IDGB_01, IDGB_02

Description: This variable indicates whether respondents have used marijuana, cannabis or hashish in the past year, excluding one time use in lifetime.

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

Value of IDGBFYCM	Condition(s)	Explanation
1	IDGB_01 = 2 and IDGB_02 = 1	Respondent has used marijuana in the past 12 months and has used marijuana more than once in his/her lifetime.
2	(IDGB_01 = 1 and IDGB_02 = 1) or (IDGB_02 = 2, NA)	Respondent has not used marijuana in the past 12 months or used it once in the past 12 months and this was the only lifetime use.
NS	(IDGB_02 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

4) Cocaine or Crack Drug Use – Lifetime

Variable name: IDGBFLCO

Based on: IDGB_04

Description: This variable indicates whether respondents have ever used cocaine or crack.

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

Value of IDGBFLCO	Condition(s)	Explanation
1	(IDGB_04 = 1, 2)	Respondent has used cocaine or crack.
2	IDGB_04 = 3	Respondent has never used cocaine or crack.
NS	(IDGB_04 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

5) Amphetamine (Speed) Drug Use – Lifetime

Variable name: IDGBFLAM

Based on: IDGB_07

Description: This variable indicates whether respondents have ever used amphetamines (speed).

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

Value of IDGBFLAM	Condition(s)	Explanation
1	(IDGB_07 = 1, 2)	Respondent has used amphetamines.
2	IDGB_07 = 3	Respondent has never used amphetamines.
NS	(IDGB_07 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

6) MDMA (Ecstasy) Drug Use – Lifetime

Variable name: IDGBFLEX

Based on: IDGB_10

Description: This variable indicates whether respondents have ever used MDMA (ecstasy) or similar drugs.

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

Value of IDGBFLEX	Condition(s)	Explanation
1	(IDGB_10 = 1, 2)	Respondent has used MDMA (ecstasy).

2	IDGB_10 = 3	Respondent has never used MDMA (ecstasy).
NS	(IDGB_10 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

7) Hallucinogens, PCP or LSD Drug Use – Lifetime

Variable name: IDGBFLHA

Based on: IDGB_13

Description: This variable indicates whether respondents have ever used hallucinogens, PCP, or LSD (acid).

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

Value of IDGBFLHA	Condition(s)	Explanation
1	(IDGB_13 = 1, 2)	Respondent has used hallucinogens, PCP, or LSD (acid).
2	IDGB_13 = 3	Respondent has never used hallucinogens, PCP, or LSD (acid).
NS	(IDGB_13 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

8) Glue, Gasoline, or Other Solvent Use – Lifetime

Variable name: IDGBFLGL

Based on: IDGB_16

Description: This variable indicates whether respondents have ever sniffed glue, gasoline, or other solvents.

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

Value of IDGBFLGL	Condition(s)	Explanation
1	(IDGB_16 = 1, 2)	Respondent has sniffed glue, gasoline or other solvents.
2	IDGB_16 = 3	Respondent has never sniffed glue, gasoline or other solvents.
NS	(IDGB_16 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

9) Heroin Drug Use – Lifetime

Variable name: IDGBFLHE

Based on: IDGB_19

Description: This variable indicates whether respondents have ever used heroin.

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

Value of IDGBFLHE	Condition(s)	Explanation
1	(IDGB_19 = 1, 2)	Respondent has used heroin.
2	IDGB_19 = 3	Respondent has never used heroin.
NS	(IDGB_19 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

10) Steroid Use – Lifetime

Variable name: IDGBFLST

Based on: IDGB_22

Description: This variable indicates whether respondents have ever used steroids, such as testosterone, dianabol or growth hormones.

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

Value of IDGBFLST	Condition(s)	Explanation
1	(IDGB_22 = 1, 2)	Respondent has used steroids.
2	IDGB_22 = 3	Respondent has never used steroids.
NS	(IDGB_22 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

11) Any Illicit Drug Use – Lifetime (Including “One Time Only” Use of Cannabis)

Variable name: IDGBFLA

Based on: IDGBFLCA, IDGBFLCO, IDGBFLAM, IDGBFLEX, IDGBFLHA, IDGBFLGL, IDGBFLHE, IDGBFLST

Description: This variable indicates whether respondents have ever used any of the drugs listed. Includes one time use of cannabis.

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

Value of IDGBFLA	Condition(s)	Explanation
1	IDGBFLCA = 1 or IDGBFLCO = 1 or IDGBFLAM = 1 or IDGBFLEX = 1 or IDGBFLHA = 1 or IDGBFLGL = 1 or IDGBFLHE = 1 or IDGBFLST = 1	Respondent has used at least one listed drug, including “one time only” use of cannabis.
2	IDGBFLCA = 2 and IDGBFLCO = 2 and IDGBFLAM = 2 and IDGBFLEX = 2 and IDGBFLHA = 2 and IDGBFLGL = 2 and IDGBFLHE = 2 and IDGBFLST = 2	Respondent has never used drugs listed.
NS	IDGBFLCA = NS or IDGBFLCO = NS or IDGBFLAM = NS or IDGBFLEX = NS or IDGBFLHA = NS or IDGBFLGL = NS or IDGBFLHE = NS or IDGBFLST = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

12) Any Illicit Drug Use – Lifetime (Excluding “One Time Only” Use of Cannabis)

Variable name: IDGBFLAC

Based on: IDGBFLCM, IDGBFLCO, IDGBFLAM, IDGBFLEX, IDGBFLHA, IDGBFLGL, IDGBFLHE, IDGBFLST

Description: This variable indicates whether respondents have ever used any of the drugs listed. Excludes one time use of cannabis.

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

Value of IDGBFLAC	Condition(s)	Explanation
1	IDGBFLCM = 1 or IDGBFLCO = 1 or IDGBFLAM = 1 or IDGBFLEX = 1 or IDGBFLHA = 1 or IDGBFLGL = 1 or IDGBFLHE = 1 or IDGBFLST = 1	Respondent has used at least one listed drug, excluding “one time only” use of cannabis.

2	IDGBFLCM = 2 and IDGBFLCO = 2 and IDGBFLAM = 2 and IDGBFLEX = 2 and IDGBFLHA = 2 and IDGBFLGL = 2 and IDGBFLHE = 2 and IDGBFLST = 2	Respondent never used cannabis more than once and never used other listed drugs.
NS	IDGBFLCM = NS or IDGBFLCO = NS or IDGBFLAM = NS or IDGBFLEX = NS or IDGBFLHA = NS or IDGBFLGL = NS or IDGBFLHE = NS or IDGBFLST = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.

13) Any Illicit Drug Use – 12-Month (Including “One Time Only” Use of Cannabis)

Variable name: IDGBFYA

Based on: IDGB_02, IDGB_05, IDGB_08, IDGB_11, IDGB_14, IDGB_17, IDGB_20, IDGB_23

Description: This variable indicates whether respondents used any of the drugs listed in the past 12 months. Includes one time use of cannabis.

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

Value of IDGBFYA	Condition(s)	Explanation
1	IDGB_02 = 1 or IDGB_05 = 1 or IDGB_08 = 1 or IDGB_11 = 1 or IDGB_14 = 1 or IDGB_17 = 1 or IDGB_20 = 1 or IDGB_23 = 1	Respondent has used at least one listed drug in the past 12 months, including “one time only” use of cannabis.
2	(IDGB_02 = 2, NA) and (IDGB_05 = 2, NA) and (IDGB_08 = 2, NA) and (IDGB_11 = 2, NA) and (IDGB_14 = 2, NA) and (IDGB_17 = 2, NA) and (IDGB_20 = 2, NA) and (IDGB_23 = 2, NA)	Respondent has not used any drugs listed in the past 12 months.
NS	(IDGB_02 = DK, R, NS) or (IDGB_05 = DK, R, NS) or (IDGB_08 = DK, R, NS) or (IDGB_11 = DK, R, NS) or (IDGB_14 = DK, R, NS) or (IDGB_17 = DK, R, NS) or (IDGB_20 = DK, R, NS) or (IDGB_23 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

14) Any Illicit Drug Use – 12-Month (Excluding “One Time Only” Use of Cannabis)

Variable name: IDGBFYAC

Based on: IDGBFYCM, IDGB_05, IDGB_08, IDGB_11, IDGB_14, IDGB_17, IDGB_20, IDGB_23

Description: This variable indicates whether respondents used any of the drugs listed in the past 12 months. Excludes one time use of cannabis.

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

Value of IDGBFYAC	Condition(s)	Explanation
1	IDGBFYCM = 1 or IDGB_05 = 1 or IDGB_08 = 1 or IDGB_11 = 1 or IDGB_14 = 1 or IDGB_17 = 1 or IDGB_20 = 1 or IDGB_23 = 1	Respondent has used at least one drug in the past 12 months, excluding "one time only" lifetime use of cannabis.
2	IDGBFYCM = 2 and (IDGB_05 = 2, NA) and (IDGB_08 = 2, NA) and (IDGB_11 = 2, NA) and (IDGB_14 = 2, NA) and (IDGB_17 = 2, NA) and (IDGB_20 = 2, NA) and (IDGB_23 = 2, NA)	Respondent who used cannabis once in the past 12 months and that use was their only lifetime use are included.
NS	IDGBFYCM = NS or (IDGB_05 = DK, R, NS) or (IDGB_08 = DK, R, NS) or (IDGB_11 = DK, R, NS) or (IDGB_14 = DK, R, NS) or (IDGB_17 = DK, R, NS) or (IDGB_20 = DK, R, NS) or (IDGB_23 = DK, R, NS)	Respondent has a non-response (not stated) value in the derived variable required for calculation. Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

15) Illicit Drug Dependence – 12-Month

Variable name: IDGBFYDP

Based on: IDGB_25A, IDGB_25B, IDGB_25C, IDGB_25D, IDGB_25E, IDGB_25F, IDGB_25G, IDGB_25H

Description: This variable assesses whether the respondent meets the criteria for illicit drug dependence in the previous 12 months. The criteria, modified from the CIDI, are partially operationalized to meet the DSM-IV definitions/classification. Respondents who meet the CCHS 1.2 criteria reported a maladaptive pattern of drug use, leading to clinically significant impairment or distress, as manifested by three or more of the following six symptoms, all exhibited within the same 12-month period:

1. tolerance, as defined by a need for markedly increased amounts of the drug to achieve intoxication or desired effect or by markedly diminished effect with continued use of the same amount of drug;
2. withdrawal, as manifested by withdrawal syndrome or by taking the same (or a closely related) substance to relieve or avoid withdrawal symptoms;
3. the drug is often taken in larger amounts or over a longer period than was intended or drugs are used even though respondents promised not to;
4. a great deal of time is spent in activities necessary to obtain the drug (e.g. visiting multiple doctors or driving long distances), using the drug, or recovering from its effects;
5. important social, occupational, or recreational activities are given up because of drug use; and
6. the drug use is continued despite knowledge of having a persistent or recurrent physical or psychological problem that is likely to have been caused or exacerbated by the drug.

Note: Two temporary variables are created first and then used to calculate the illicit drug dependence variable.

15a) Temporary Variable - Larger or Longer Drug Intake than Intended – 12-Month

Variable name: IDGBTS3Y

Based on: IDGB_25D, IDGB_25E

Description: This variable indicates whether the respondent took drugs in larger amounts or over a longer period than was intended or if he used drugs even though he promised not to. This is symptom 3 for DSM-IV criteria.

Value of IDGBTS3Y	Condition(s)	Explanation
NA	IDGB_25D = NA	Respondent did not use drugs frequently enough in the 12 months prior to the interview to answer the drug dependence questions for the past 12 months.
1	IDGB_25D = 1 or IDGB_25E = 1	In the past 12 months, respondent used drugs more or for a longer period than intended or used drugs even though he/she promised not to.
2	IDGB_25D = 2 and IDGB_25E = 2	In the past 12 months, respondent did not use drugs more or for a longer period than intended or use drugs even though he/she promised not to.
NS	(IDGB_25D = DK, R, NS) or (IDGB_25E = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

15b) Temporary Variable - Withdrawal Symptoms – 12-Month

Temporary Variable name: IDGBTS2Y

Based on: IDGB_25B, IDGB_25C

Description: Withdrawal, as manifested by either:

1. the characteristic withdrawal syndrome or
2. the same or a closely related substance is taken to relieve or avoid withdrawal symptoms.

Note: This is calculated only for respondents who answered the 12-month questions.

Value of IDGBTS2Y	Condition(s)	Explanation
NA	IDGB_25B = NA	Respondent didn't use drugs frequently enough in the past 12 months to answer the drug dependence questions for the past 12 months.
1	IDGB_25B = 1 or IDGB_25C = 1	In the past 12 months, respondent experienced withdrawal symptoms associated with drug use.
2	IDGB_25B = 2 and IDGB_25C = 2	In the past 12 months, respondent did not experience withdrawal symptoms associated with drug use.
NS	(IDGB_25B = DK, R, NS) or (IDGB_25C = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Calculating 12-Month Illicit Drug Dependence

Value of IDGBFYDP	Condition(s)	Explanation
1	At least 3 of (IDGB_25A, IDGBTS2Y, IDGBTS3Y, IDGB_25F, IDGB_25G, IDGB_25H) = 1	Respondent meets the CCHS 1.2/WMH-CIDI criteria for drug dependence in the past 12 months. Respondent reported a maladaptive pattern of drug use, as manifested by 3 or more symptoms.

2	At least 4 of (IDGB_25A, IDGBTS2Y, IDGBTS3Y, IDGB_25F, IDGB_25G, IDGB_25H) = 2 or IDGB_25A = NA	Respondent does not meet the CCHS 1.2/WMH-CIDI criteria for drug dependence in the past 12 months. Respondent did not report at least 4 symptoms or respondent didn't take drugs frequently enough in the past 12 months to answer the drug dependence questions.
NS	(IDGB_25A = DK, R, NS) or IDGBTS2Y = NS or IDGBTS3Y = NS or (IDGB_25F = DK, R, NS) or (IDGB_25G = DK, R, NS) or (IDGB_25H = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation or respondent has a non-response (not stated) value in the derived variable required for calculation.

16) Illicit Drug Interference 12-Month - Mean

Variable name: IDGBDINT

Based on: IDGB_26A, IDGB_6B1, IDGB_6B2, IDGB_26C, IDGB_26D

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

Value of IDGBDINT	Condition(s)	Explanation
NA	IDGB_26A = NA	Respondent did not use drugs frequently enough or did not indicate problems with drug use.
NS	(IDGB_26A = DK, R, NS) or (IDGB_6B1 = DK, R, NS) or (IDGB_6B2 = DK, R, NS) or (IDGB_26C = DK, R, NS) or (IDGB_26D = DK, R, NS)	Respondent did not answer (don't know, refusal, or not stated) at least one question required for calculation.
$(IDGB_26A + IDGB_6B1 + IDGB_6B2 + IDGB_26C + IDGB_26D) / 5$ (min: 0.0; max: 10.0) (round to .1)	$0 \leq IDGB_6B1 \leq 10$ and $0 \leq IDGB_6B2 \leq 10$ and $0 \leq IDGB_26A \leq 10$ and $0 \leq IDGB_26C \leq 10$ and $0 \leq IDGB_26D \leq 10$	Interference = mean of all five items. Respondent answered all five questions.
$(IDGB_26A + IDGB_6B2 + IDGB_26C + IDGB_26D) / 4$ (min: 0.0; max: 10.0) (round to .1)	IDGB_6B1 = 11 and $0 \leq IDGB_6B2 \leq 10$ and $0 \leq IDGB_26A \leq 10$ and $0 \leq IDGB_26C \leq 10$ and $0 \leq IDGB_26D \leq 10$	Interference = mean of four items that applied to respondent. IDGB_6B_1 was not applicable (i.e., they did not attend school within the past 12 months).
$(IDGB_26A + IDGB_6B1 + IDGB_26C + IDGB_26D) / 4$ (min: 0.0; max: 10.0) (round to .1)	$0 \leq IDGB_6B1 \leq 10$ and IDGB_6B2 = 11 and $0 \leq IDGB_26A \leq 10$ and $0 \leq IDGB_26C \leq 10$ and $0 \leq IDGB_26D \leq 10$	Interference = mean of four items that applied to respondent. IDGB_6B_2 was not applicable (i.e., they did not have a job within the past 12 months).
$(IDGB_26A + IDGB_26C + IDGB_26D) / 3$ (min: 0.0; max: 10.0) (round to .1)	IDGB_6B1 = 11 and IDGB_6B2 = 11 and $0 \leq IDGB_26A \leq 10$ and $0 \leq IDGB_26C \leq 10$ and $0 \leq IDGB_26D \leq 10$	Interference = mean of three items that applied to respondent. IDGB_6B_1 and IDGB_6B_2 were not applicable (i.e., they did not attend school and did not have a job in the past 12 months).

17) Flag for Illicit Drug Interference – 12-Month

Variable name: IDGBFINT

Based on: IDGB_26A, IDGB_6B1, IDGB_6B2, IDGB_26C, IDGB_26D

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

Value of IDGBFINT	Condition(s)	Explanation
NA	IDGB_26A = NA	Respondent did not use drugs frequently enough or did not indicate problems with drug use.
1	4 <= IDGB_26A <= 10 or 4 <= IDGB_6B1 <= 10 or 4 <= IDGB_6B2 <= 10 or 4 <= IDGB_26C <= 10 or 4 <= IDGB_26D <= 10	Drug use interfered significantly with the person's normal routine, occupational (academic) functioning, or social activities or relationships in the past 12 months.
2	0 <= IDGB_26A <= 3 and (0 <= IDGB_6B1 <= 3 or IDGB_6B1 = 11) and (0 <= IDGB_6B2 <= 3 or IDGB_6B2 = 11) and 0 <= IDGB_26C <= 3 and 0 <= IDGB_26D <= 3	Drug use did not interfere significantly with the person's normal routine, occupation (academic) functioning or social activities or relationships in the past 12 months.
NS	(IDGB_26A = DK, R, NS) or (IDGB_6B1 = DK, R, NS) or (IDGB_6B2 = DK, R, NS) or (IDGB_26C = DK, R, NS) or (IDGB_26D = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Problem Gambling (4 DVs)

This module assesses gambling activity and problems with gambling. The questionnaire and derived variables are based on the Canadian Problem Gambling Index (CPGI) but a number of modifications made both to the questionnaire and the calculation of the derived variables (described below) means that the results are not directly comparable to the CPGI.

Temporary Reformats

Reformat	Explanation
If (CPGB_03 = 1, 2, 3, 4) then CPGRQ03 = (CPGB_03-1)	Rescale the variables so that the range is from 0 to 3 instead of 1 to 4 (0 = never, 1 = sometimes, 2 = most of the time, 3 = almost always)
If (CPGB_04 = 1, 2, 3, 4) then CPGRQ04 = (CPGB_04-1)	
If (CPGB_05 = 1, 2, 3, 4) then CPGRQ05 = (CPGB_05-1)	
If (CPGB_06 = 1, 2, 3, 4) then CPGRQ06 = (CPGB_06-1)	
If (CPGB_07 = 1, 2, 3, 4) then CPGRQ07 = (CPGB_07-1)	
If (CPGB_08 = 1, 2, 3, 4) then CPGRQ08 = (CPGB_08-1)	
If (CPGB_09 = 1, 2, 3, 4) then CPGRQ09 = (CPGB_09-1)	
If (CPGB_10 = 1, 2, 3, 4) then CPGRQ10 = (CPGB_10-1)	
If (CPGB_11 = 1, 2, 3, 4) then CPGRQ11 = (CPGB_11-1)	
If (CPGB_12 = 1, 2, 3, 4) then CPGRQ12 = (CPGB_12-1)	
If (CPGB_13 = 1, 2, 3, 4) then CPGRQ13 = (CPGB_13-1)	
If (CPGB_14 = 1, 2, 3, 4) then CPGRQ14 = (CPGB_14-1)	
If (CPGB_15 = 1, 2, 3, 4) then CPGRQ15 = (CPGB_15-1)	
If (CPGB_16 = 1, 2, 3, 4) then CPGRQ16 = (CPGB_16-1)	

1) Gambling Activity – Gambler vs. Non-gambler

Variable name: CPGBFGAM

Based on: CPGB_01A, CPGB_01B, CPGB_01C, CPGB_01D, CPGB_01E, CPGB_01F, CPGB_01G, CPGB_01H, CPGB_01I, CPGB_01J, CPGB_01K, CPGB_01L, CPGB_01M

Description: This variable defines respondents as gamblers or non-gamblers. A non-gambler is defined as someone who has not engaged at all in the past year in any type of the gambling activities listed. A gambler is defined as someone who has engaged in at least one type of gambling activity in the past year.

Value of CPGBFGAM	Condition(s)	Explanation
1	1 <= CPGB01A <= 7 or 1 <= CPGB01B <= 7 or 1 <= CPGB01C <= 7 or 1 <= CPGB01D <= 7 or 1 <= CPGB01E <= 7 or 1 <= CPGB01F <= 7 or 1 <= CPGB01G <= 7 or 1 <= CPGB01H <= 7 or 1 <= CPGB01I <= 7 or 1 <= CPGB01J <= 7 or 1 <= CPGB01K <= 7 or 1 <= CPGB01L <= 7 or 1 <= CPGB01M <= 7	Gambler – respondent engaged in at least one type of gambling activity.
2	CPGB_01A = 8 and CPGB_01B = 8 and CPGB_01C = 8 and CPGB_01D = 8 and CPGB_01E = 8 and CPGB_01F = 8 and CPGB_01G = 8 and CPGB_01H = 8 and CPGB_01I = 8 and CPGB_01J = 8 and	Non-gambler – respondent did not engage in any of the types of gambling activities.

	CPGB_01K = 8 and CPGB_01L = 8 and CPGB_01M = 8	
NS	(CPGB_01A = DK, R, NS) or (CPGB_01B = DK, R, NS) or (CPGB_01C = DK, R, NS) or (CPGB_01D = DK, R, NS) or (CPGB_01E = DK, R, NS) or (CPGB_01F = DK, R, NS) or (CPGB_01G = DK, R, NS) or (CPGB_01H = DK, R, NS) or (CPGB_01I = DK, R, NS) or (CPGB_01J = DK, R, NS) or (CPGB_01K = DK, R, NS) or (CPGB_01L = DK, R, NS) or (CPGB_01M = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2) Problem Gambling Severity Index (PGSI) – modified version

Variable name: CPGBDSEV

Based on: CPGB_02, CPGB_03, CPGB_04, CPGB_05, CPGB_06, CPGB_07, CPGB_08, CPGB_09, CPGB_10, CPGB_13, CPGBFGAM

Description: This variable indicates the level of gambling problems of respondents using a 9 item scale.

Note: A modification from the CPGI is that if respondents volunteered in CPGB_02 that "I am not a gambler", they were not asked the severity questions despite having reported gambling activity in the past 12 months.

These respondents are assigned a code of 95 for this variable. In addition, respondents who reported participating in each gambling activity from CPGB_01A to CPGB_01M at most 1 to 5 times each during the past year were not asked questions on problem gambling. Finally, gambling activities were regrouped in the questionnaire into fewer categories than used in the original CPGI. Modifications made to the original instrument were approved by Dr. Wynne. For more information on modifications to the questionnaire, see the User Guide. Higher scores indicate more problems associated with gambling.

Reference: Modified from the CPGI (Canadian Problem Gambling Index) developed by Harold Wynne and Jackie Ferris. "The Canadian Problem Gambling Index, Final Report." - Final Report, February 1999, Submitted to the Canadian Centre on Substance Abuse. Jackie Ferris, Harold Wynne.

Value of CPGBDSEV	Condition(s)	Explanation
NA	CPGBFGAM = 2	Non-gambler
NS	(CPGBFGAM = NS) or (CPGB_03 = DK, R, NS) or (CPGB_04 = DK, R, NS) or (CPGB_05 = DK, R, NS) or (CPGB_06 = DK, R, NS) or (CPGB_07 = DK, R, NS) or (CPGB_08 = DK, R, NS) or (CPGB_09 = DK, R, NS) or (CPGB_10 = DK, R, NS) or (CPGB_13 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
95	CPGB_02 = 5	Respondent is not asked severity questions because they do not consider themselves a gambler.
0	CPGBFGAM = 1 and CPGB_02 = NA	Severity index score of 0. Respondents who gambled at most 1-5 times a year for each gambling activity mentioned are not asked the severity index questions.

CPGRQ03 + CPGRQ04 + CPGRQ05 + CPGRQ06 + CPGRQ07 + CPGRQ08 + CPGRQ09 + CPGRQ10 + CPGRQ13 (min: 0; max: 27)	(CPGRQ03 = 0, 1, 2, 3) and (CPGRQ04 = 0, 1, 2, 3) and (CPGRQ05 = 0, 1, 2, 3) and (CPGRQ06 = 0, 1, 2, 3) and (CPGRQ07 = 0, 1, 2, 3) and (CPGRQ08 = 0, 1, 2, 3) and (CPGRQ09 = 0, 1, 2, 3) and (CPGRQ10 = 0, 1, 2, 3) and (CPGRQ13 = 0, 1, 2, 3)	Score on severity index. Higher scores indicate more problems associated with gambling.
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3) Type of Gambler

Variable name: CPGBDTYP

Based on: CPGBDSEV, CPGBFGAM

Description: This variable divides respondents into categories based on the severity of their problems associated with gambling.

Note: A modification from the CPGI is that if respondents volunteered in CPGB_02 that "I am not a gambler", they were not asked the severity questions despite having reported gambling activity in the past 12 months. These respondents are assigned a code of 95. In addition, respondents who reported participating in each gambling activity from CPGB_01A to CPGB_01M at most 1 to 5 times each during the past year were not asked questions on problem gambling. Finally, gambling activities were regrouped in the questionnaire into fewer categories than used in the original CPGI. Modifications made to the original instrument were approved by Dr. Wynne. For more information on modifications to the questionnaire, see the User Guide.

Reference: Modified from the CPGI (Canadian Problem Gambling Index) developed by Harold Wynne and Jackie Ferris. "The Canadian Problem Gambling Index, Final Report." - Final Report, February 1999, Submitted to the Canadian Centre on Substance Abuse. Jackie Ferris, Harold Wynne.

Value of CPGBDTYP	Condition(s)	Explanation
NS	CPGBDSEV = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.
1	CPGBFGAM = 2	Non-gambler
2	CPGBDSEV = 0	Non-problem gambler
3	(CPGBDSEV = 1, 2)	Low risk gambler
4	(CPGBDSEV = 3, 4, 5, 6, 7)	Moderate risk gambler
5	CPGBDSEV ≥ 8	Problem Gambler
95	CPGBDSEV = 95	Respondent not asked severity questions because they do not consider themselves a gambler.

4) Number of Types of Gambling Activities in the list used to calculate CPGI

Variable name: CPGBDACT

Based on: CPGB_01A, CPGB_01B, CPGB_01C, CPGB_01D, CPGB_01E, CPGB_01F, CPGB_01G, CPGB_01H, CPGB_01I, CPGB_01J, CPGB_01K, CPGB_01L, CPGB_01M

Description: This variable counts the number of different types of gambling activities in which the respondent participated.

Temporary Reformats

Temporary Input Variables: Temporary input variables are initialized to their respective values (i.e. CPGRQ01A set to value in CPG_Q01A) and then set to zero when the condition is true.	
Reformat	Explanation
If CPGB_01A = 8 then CPGRQ01A = 0 If CPGB_01B = 8 then CPGRQ01B = 0 If CPGB_01C = 8 then CPGRQ01C = 0 If CPGB_01D = 8 then CPGRQ01D = 0	Temporarily recode 8 to 0 so that "never" does not count in sum of different types of gambling activity participated in.

If CPGB_01E = 8 then CPGRQ01E = 0 If CPGB_01F = 8 then CPGRQ01F = 0 If CPGB_01G = 8 then CPGRQ01G = 0 If CPGB_01H = 8 then CPGRQ01H = 0 If CPGB_01I = 8 then CPGRQ01I = 0 If CPGB_01J = 8 then CPGRQ01J = 0 If CPGB_01K = 8 then CPGRQ01K = 0 If CPGB_01L = 8 then CPGRQ01L = 0 If CPGB_01M = 8 then CPGRQ01M = 0	
If 1 <= CPGB_01A <= 7 then CPGRQ01A = 1 If 1 <= CPGB_01B <= 7 then CPGRQ01B = 1 If 1 <= CPGB_01C <= 7 then CPGRQ01C = 1 If 1 <= CPGB_01D <= 7 then CPGRQ01D = 1 If 1 <= CPGB_01E <= 7 then CPGRQ01E = 1 If 1 <= CPGB_01F <= 7 then CPGRQ01F = 1 If 1 <= CPGB_01G <= 7 then CPGRQ01G = 1 If 1 <= CPGB_01H <= 7 then CPGRQ01H = 1 If 1 <= CPGB_01I <= 7 then CPGRQ01I = 1 If 1 <= CPGB_01J <= 7 then CPGRQ01J = 1 If 1 <= CPGB_01K <= 7 then CPGRQ01K = 1 If 1 <= CPGB_01L <= 7 then CPGRQ01L = 1 If 1 <= CPGB_01M <= 7 then CPGRQ01M = 1	Temporarily recode 1 to 7 to 1 so that each activity can be counted as a different types of gambling activity participated in.

Value of CPGBDACT	Condition(s)	Explanation
NS	(CPGB_01A = DK, R) or (CPGB_01B = DK, R, NS) or (CPGB_01C = DK, R, NS) or (CPGB_01D = DK, R, NS) or (CPGB_01E = DK, R, NS) or (CPGB_01F = DK, R, NS) or (CPGB_01G = DK, R, NS) or (CPGB_01H = DK, R, NS) or (CPGB_01I = DK, R, NS) or (CPGB_01J = DK, R, NS) or (CPGB_01K = DK, R, NS) or (CPGB_01L = DK, R, NS) or (CPGB_01M = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
CPGRQ01A + CPGRQ01B + CPGRQ01C + CPGRQ01D + CPGRQ01E + CPGRQ01F + CPGRQ01G + CPGRQ01H + CPGRQ01I + CPGRQ01J + CPGRQ01K + CPGRQ01L + CPGRQ01M (min: 0; max: 13)	(CPGRQ01A = 0, 1) and (CPGRQ01B = 0, 1) and (CPGRQ01C = 0, 1) and (CPGRQ01D = 0, 1) and (CPGRQ01E = 0, 1) and (CPGRQ01F = 0, 1) and (CPGRQ01G = 0, 1) and (CPGRQ01H = 0, 1) and (CPGRQ01I = 0, 1) and (CPGRQ01J = 0, 1) and (CPGRQ01K = 0, 1) and (CPGRQ01L = 0, 1) and (CPGRQ01M = 0, 1)	Number of different types of gambling participated.

Eating Troubles (2 DVs)

The Eating Troubles module is based on the Eating Attitudes Test (EAT) developed by Dr David M. Garner. The EAT-26 is a widely used standardized measure of the extent of symptoms and concerns characteristic of eating disorders although it does not yield a specific diagnosis.

1) Eating Attitudes Test Index Score - Modified

Variable name: ETABDIND

Based on: ETAB_01A, ETAB_01B, ETAB_02, ETAB_03, ETAB_04, ETAB_05, ETAB_06, ETAB_07, ETAB_08, ETAB_09, ETAB_10, ETAB_11, ETAB_12, ETAB_13, ETAB_14, ETAB_15, ETAB_16, ETAB_17, ETAB_18, ETAB_19, ETAB_20, ETAB_21, ETAB_22, ETAB_23, ETAB_24, ETAB_25, ETAB_26, ETAB_27

Description: This variable is a measure of the extent of the symptoms and concerns characteristic of eating disorders. The EAT is usually administered to individuals who have expressed or displayed symptoms or ill concerns associated with eating attitudes and behaviours. CCHS 1.2 added two screener questions to assess past 12 months and lifetime concerns with eating attitudes and behaviours. Those who responded positively to the screener were then asked all of the items/questions used to assess the EAT-26. For more information, see the User Guide.

Higher scores indicate higher risk of eating disorder.

Temporary Reformats

Reformat	Explanation
For ETAB_02--ETAB_26: If ETAB_xx = 01 then ETARQxx = 3 If ETAB_xx = 02 then ETARQxx = 2 If ETAB_xx = 03 then ETARQxx = 1 If ETAB_xx = 04 then ETARQxx = 0 If ETAB_xx = 05 then ETARQxx = 0 If ETAB_xx = 06 then ETARQxx = 0	Recode the values to 0-3 for all questions with non-missing values.
For ETAB_27: If ETAB_27 = 01 then ETARQ27 = 0 If ETAB_27 = 02 then ETARQ27 = 0 If ETAB_27 = 03 then ETARQ27 = 0 If ETAB_27 = 04 then ETARQ27 = 1 If ETAB_27 = 05 then ETARQ27 = 2 If ETAB_27 = 06 then ETARQ27 = 3	Recode the values to 0-3 with non-missing values.

Value of ETABDIND	Condition(s)	Explanation
NS	(ETAB_01A = DK, R, NS) or (ETAB_01B = DK, R, NS) or (ETAB_02 = DK, R, NS) or (ETAB_03 = DK, R, NS) or (ETAB_04 = DK, R, NS) or (ETAB_05 = DK, R, NS) or (ETAB_06 = DK, R, NS) or (ETAB_07 = DK, R, NS) or (ETAB_08 = DK, R, NS) or (ETAB_09 = DK, R, NS) or (ETAB_10 = DK, R, NS) or (ETAB_11 = DK, R, NS) or (ETAB_12 = DK, R, NS) or (ETAB_13 = DK, R, NS) or (ETAB_14 = DK, R, NS) or (ETAB_15 = DK, R, NS) or (ETAB_16 = DK, R, NS) or (ETAB_17 = DK, R, NS) or (ETAB_18 = DK, R, NS) or (ETAB_19 = DK, R, NS) or (ETAB_20 = DK, R, NS) or (ETAB_21 = DK, R, NS) or (ETAB_22 = DK, R, NS) or (ETAB_23 = DK, R, NS) or (ETAB_24 = DK, R, NS) or (ETAB_25 = DK, R, NS) or (ETAB_26 = DK, R, NS) or (ETAB_27 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
NA	ETAB_01A = 2 or ETAB_01B = 2	Respondent had no fear or concern with being overweight and is not deemed at risk of an eating disorder.

ETARQ02 + ETARQ03 + ETARQ04 + ETARQ05 + ETARQ06 + ETARQ07 + ETARQ08 + ETARQ09 + ETARQ10 + ETARQ11 + ETARQ12 + ETARQ13 + ETARQ14 + ETARQ15 + ETARQ16 + ETARQ17 + ETARQ18 + ETARQ19 + ETARQ20 + ETARQ21 + ETARQ22 + ETARQ23 + ETARQ24 + ETARQ25 + ETARQ26 + ETARQ27 (min: 0; max: 78)	1 <= ETAB_02 <= 6 and 1 <= ETAB_03 <= 6 and 1 <= ETAB_04 <= 6 and 1 <= ETAB_05 <= 6 and 1 <= ETAB_06 <= 6 and 1 <= ETAB_07 <= 6 and 1 <= ETAB_08 <= 6 and 1 <= ETAB_09 <= 6 and 1 <= ETAB_10 <= 6 and 1 <= ETAB_11 <= 6 and 1 <= ETAB_12 <= 6 and 1 <= ETAB_13 <= 6 and 1 <= ETAB_14 <= 6 and 1 <= ETAB_15 <= 6 and 1 <= ETAB_16 <= 6 and 1 <= ETAB_17 <= 6 and 1 <= ETAB_18 <= 6 and 1 <= ETAB_19 <= 6 and 1 <= ETAB_20 <= 6 and 1 <= ETAB_21 <= 6 and 1 <= ETAB_22 <= 6 and 1 <= ETAB_23 <= 6 and 1 <= ETAB_24 <= 6 and 1 <= ETAB_25 <= 6 and 1 <= ETAB_26 <= 6 and 1 <= ETAB_27 <= 6	Score obtained for EAT_26 scale
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2) Eating Attitudes Test Index Flag - Modified

Variable name: ETABFIND

Based on: ETABDIND

Description: Flag based on Eating Attitudes Test Index score. Individuals scoring above the threshold are at risk for having an eating disorder.

Value of ETABFIND	Condition(s)	Explanation
NS	(ETABDIND = DK, R, NS)	Respondent has a non-response (not stated) value in the variable required for calculation.
1	21 <= ETABDIND <= 78	Respondent is at risk for having eating troubles.
2	0 <= ETABDIND <= 20 or ETABDIND = NA	Respondent does not likely have eating troubles.

Restriction of Activities (5 DVs)

1) Cause of health problem – Grouped

Variable name: RACBG5

Based on: RACB_5

Description: The following variable indicates the cause of the health problem.

Value of RACBG5	Condition(s)	Explanation
1	1 <= RACB_5 <= 4	Injury (includes injury at home, sports or recreation, motor vehicle, work related)
2	RACB_5 = 7	Disease or illness
3	RACB_5 = 8	Aging
4	RACB_5 = 9 or RACB_5 = 10	Emotional or mental health problem or use of alcohol or drugs
5	RACB_5 = 5 or RACB_5 = 6 or RACB_5 = 11	Other (includes existed at birth, work environment, psychological/physical abuse, other)
NS	RACB_5 = DK, R or NS	Not stated
NA	RACB_5 = NA	Not applicable

2) Impact of Health Problems

Variable name: RACBDIMP

Based on: RACB_2A, RACB_2B1, RACB_2B2, RACB_2C

Description: This variable is a crude measure of the impact of long-term physical conditions, mental conditions and health problems on the principal domains of life of: home, work, school, and other activities.

Note: This variable should not be used to describe the rate of disability or activity limitation in the population. The variable is derived from RACB_2A, RACB_2B1, RACB_2B2 and RACB_2C. These questions, plus RACB_1, were asked in the 2001 Census of Population to identify a sample for the 2001 post-censal Participation and Activity Limitation Survey (PALS). Also, because of differences in question wording between the CCHS and National Population Health Survey (NPHS questions are 1991 Census questions), RACBDIMP should NOT be compared to the NPHS variables RES_FLG, RAC6F1, RAC8F1, RAC0F1 or RAC2F1.

Value of RACBDIMP	Condition(s)	Explanation
NS	(RACB_2A = DK, R, NS) or (RACB_2B1 = DK, R, NS) or (RACB_2B2 = DK, R, NS) or (RACB_2C = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
2	RACB_2A = 2 or RACB_2B1 = 2 or RACB_2B2 = 2 or RACB_2C = 2	Often
1	RACB_2A = 1 or RACB_2B1 = 1 or RACB_2B2 = 1 or RACB_2C = 1	Sometimes
3	RACB_2A = 3 and (RACB_2B1 = 3, 4) and (RACB_2B2 = 3, 4) and RACB_2C = 3	Never

3) Participation and Activity Limitation

Variable name: RACBDPAL

Based on: RACB_1, RACB_2A, RACB_2B1, RACB_2B2, RACB_2C

Description: This variable is parallel to RACBDIMP with the exception that RACB_1 is included in RACBDPAL. This variable is a modification of the Participation and Activity Limitation Survey (PALS) derived variable. The derivation is the same as that of PALS with the exception of the handling of item non-response. In PALS, item response (DK, R) is considered to be a negative response (set to "Never"), as opposed to a non-response. This is not consistent with the way 'DK' and 'R' are handled in the CCHS. Hence, in this variable 'DK' and 'R' are considered non-response and it is set to not stated.

Value of RACBDPAL	Condition(s)	Explanation
NS	(RACB_2A = DK, R, NS) or (RACB_2B1 = DK, R, NS) or (RACB_2B2 = DK, R, NS) or (RACB_2C = DK, R, NS) or RACB_1 = DK, R, NS	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
2	RACB_2A = 2 or RACB_2B1 = 2 or RACB_2B2 = 2 or RACB_2C = 2 or RACB_1 = 2	Often
1	RACB_2A = 1 or RACB_2B1 = 1 or RACB_2B2 = 1 or RACB_2C = 1 or RACB_1 = 1	Sometimes
3	RACB_2A = 3 and (RACB_2B1 = 3, 4) and (RACB_2B2 = 3, 4) and RACB_2C = 3 and RACB_1 = 3	Never

4) Need for Help in Series of Tasks

Variable name: RACBF6R

Based on: RACB_6A, RACB_6B1, RACB_6C, RACB_6D, RACB_6E, RACB_6F, RACB_6G

Description: Activity dependence refers to the need for help (for health reasons) with instrumental activities of daily living such as preparing meals, shopping for groceries or other necessities, doing everyday housework, doing heavy household chores (washing walls, yard work), and personal care (washing, dressing or eating), moving about inside the house or paying bills.

Note: RACBF6R is modified from RACAF6 (CCHS Cycle 1.1) by adding RACB_6G. The series of tasks included was revised based on the Participation and Activity Limitation Survey. Hence, this derived variable has been modified to take into account the revised set of tasks making the DV not strictly comparable to RACAF6.

Value of RACBF6R	Condition(s)	Explanation
1	RACB_6A = 1 or RACB_6B1 = 1 or RACB_6C = 1 or RACB_6D = 1 or RACB_6E = 1 or RACB_6F = 1 or RACB_6G = 1	Needs help with at least one task.

2	RACB_6A = 2 and RACB_6B1 = 2 and RACB_6C = 2 and RACB_6D = 2 and RACB_6E = 2 and RACB_6F = 2 and RACB_6G = 2	Does not need help.
NS	(RACB_6A = DK, R, NS) or (RACB_6B1 = DK, R, NS) or (RACB_6C = DK, R, NS) or (RACB_6D = DK, R, NS) or (RACB_6E = DK, R, NS) or (RACB_6F = DK, R, NS) or (RACB_6G = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

5) Difficulty with Social Situations

Variable name: RACBF7

Based on: RACB_7A, RACB_7B, RACB_7C

Description: This variable deals with having difficulty (for health reasons) with situations like making and maintaining friends, dealing with people you don't know well and starting or maintaining conversations.

Value of RACBF7	Condition(s)	Explanation
1	RACB_7A = 1 or RACB_7B = 1 or RACB_7C = 1	Has difficulty with at least one social situation.
2	RACB_7A = 2 and RACB_7B = 2 and RACB_7C = 2	Does not have difficulty with social situation.
NS	(RACB_7A = DK, R, NS) or (RACB_7B = DK, R, NS) or (RACB_7C = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

Two-Week Disability (5 DVs)

Temporary Reformats

Reformat	Explanation
If TWDB_2 = NA then TWDB_2 = 0	Reset NA values of TWDB_2 to 0.
If TWDB_4 = NA then TWDB_4 = 0	Reset NA values of TWDB_4 to 0.

1) Total Number of Disability Days

Variable name: TWDBDDDY

Based on: TWDB_2, TWDB_4

Description: The number of days in the past two weeks when the respondent stayed in bed or cut down in activities because of illness or injury.

Source: General Social Survey - Health, Cycle 6 (1991)

Statistics Canada's Web Site: <http://www.statcan.ca/english/sdds/3894e.htm>

Value of TWDBDDDY	Condition(s)	Explanation
NS	(TWDB_2 = DK, R, NS) or (TWDB_4 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
TWDRQ2 + TWDRQ4 (min: 0; max: 14)	TWDRQ2 < 15 and TWDRQ4 < 15	The number of days in the last two weeks when the respondent stayed in bed or cut down on activities.

2) Total Number of Days Spent in Bed Due to Mental Health

Variable name: TWDBDMQ2

Based on: TWDB_2, TWDB_2A, TWDB_2B

Description: The number of days in the past two weeks when the respondent stayed in bed because of illness or injury due to emotional or mental health or use of alcohol or drugs.

Value of TWDBDMQ2	Condition(s)	Explanation
TWDB_2 (min: 0; max: 1)	TWDB_2A = 1	Number of bed-days due to emotional or mental health.
0	TWDB_2A = 2	No bed-days due to emotional or mental health.
TWDB_2B (min: 0; max: 14)	TWDB_2B < 15	Number of bed-days due to emotional or mental health.
0	TWDB_2 = NA	No bed-days due to emotional or mental health.
NS	(TWDB_2A = DK, R, NS) or (TWDB_2B = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

3) Total Number of Days Cut Down on Activities Due to Mental Health

Variable name: TWDBDMQ4

Based on: TWDB_4, TWDB_4A, TWDB_4B

Description: The number of days in the past two weeks when the respondent cut down on things because of illness or injury due to emotional or mental health or use of alcohol or drugs.

Value of TWDBDMQ4	Condition(s)	Explanation
TWDB_4 (min: 0; max: 14)	TWDB_4A = 1	Number of cut-down days due to emotional or mental health.
0	TWDB_4A = 2	No cut-down days due to emotional or mental health.
TWDB_4B (min: 0; max: 14)	TWDB_4B < 15	Number of cut-down days due to emotional or mental health.
0	TWDB_4 = NA	No cut-down days due to emotional or mental health.
NS	(TWDB_4A = DK, R, NS) or (TWDB_4B = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.

4) Total Number of Days Requiring Extra Effort Due to Mental Health

Variable name: TWDBDMQ6

Based on: TWDB_6, TWDB_6A, TWDB_6B

Description: The number of days in the past two weeks when it took extra effort to perform at usual level because of illness or injury due to emotional or mental health or use of alcohol or drugs.

Value of TWDBDMQ6	Condition(s)	Explanation
TWDB_6 (min: 0; max: 1)	TWDB_6A = 1	Number of extra-effort days due to emotional or mental health.
0	TWDB_6A = 2	No extra-effort days due to emotional or mental health.
TWDB_6B (min: 0; max: 14)	TWDB_6B < 15	Number of extra-effort days due to emotional or mental health.
0	TWDB_6 = NA	No extra-effort days due to emotional or mental health.
NS	(TWDB_6A = DK, R, NS) or (TWDB_6B = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.

5) Total Number of Disability Days Due to Mental Health

Variable name: TWDBDMH

Based on: TWDBDMQ2, TWDBDMQ4

Description: The number of days in the past two weeks when the respondent stayed in bed or cut down on activities because of illness or injury due to emotional or mental health or use of alcohol or drugs.

Value of TWDBDMH	Condition(s)	Explanation
NS	TWDBDMQ2 = NS or TWDBDMQ4 = NS	Respondent has a non-response (not stated) value in a derived variable required for calculation.
TWDBDMQ2 + TWDBDMQ4 (min: 0; max: 14)	TWDBDMQ2 < 15 and TWDBDMQ4 < 15	Total two-week disability days due to emotional or mental health.

Health Care Utilization –Services (36 DVs)

The variables for service use refer to use of services for problems with emotions, mental health, or use of alcohol and drugs. Services assessed include hospitalization, consultation with any professional, and use of any resources including hospitalization, professional consultation, or various informal resources. The types of resources used both in the lifetime and in the past 12 months are noted.

Respondents were asked whether they felt they needed help for their emotions, mental health or use of alcohol or drugs, but did not receive it during the 12 months prior to the interview. The reasons for having unmet needs can be defined by three categories:

1. Availability of services (e.g.: waiting times)
2. accessibility of services (e.g.: cost or transportation problems)
3. acceptability of services (e.g.: personal circumstances such as attitudes towards the health care system or providers that prevented them from obtaining some form of health care.)

These categories were noted in Jiajian Chen and Feng Hou's article 'Unmet Needs for Health Care' in Health Reports, Vol. 13, No 2, January 2002.

1) Total Days Spent in Hospital for Problems with Emotions, Mental Health or Use of Alcohol and Drugs - past 12 months – Grouped

Variable name: SERBG09

Based on: SERB_09A (DAYS), SERB_09B (WEEKS), SERB_09C (MONTHS)

Description: This variable indicates the total time spent in hospital due to mental health in the past 12 months. In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG09	Condition(s)	Explanation
NA	SERB_09A = NA and SERB_09B = NA and SERB_09C = NA	Not Applicable
1	1 <= SERB_09A <= 3	1 to 3 days
2	4 <= SERB_09A <= 7 or SERB_09B = 1	1 week (4 to 7 days)
3	8 <= SERB_09A <= 14 or SERB_09B = 2	2 weeks (8 to 14 days)
4	15 <= SERB_09A <= 21 or SERB_09B = 3	3 weeks (15 to 21 days)
5	22 <= SERB_09A <= 31 or SERB_09B = 4 or SERB_09C = 1	1 month
6	32 <= SERB_09A <= 60 or 5 <= SERB_09B <= 8 or SERB_09C = 2	2 months
7	61 <= SERB_09A <= 91 or 9 <= SERB_09B <= 13 or SERB_09C = 3	3 months
8	92 <= SERB_09A <= 120 or 14 <= SERB_09B <= 17 or SERB_09C = 4	4 months
9	121 <= SERB_09A <= 151 or 18 <= SERB_09B <= 21 or SERB_09C = 5	5 months
10	152 <= SERB_09A <= 180 or 22 <= SERB_09B <= 26 or SERB_09C = 6	6 months
11	181 <= SERB_09A <= 211 or 27 <= SERB_09B <= 30 or SERB_09C = 7	7 months

12	212 <= SERB_09A <= 240 or 31 <= SERB_09B <= 34 or SERB_09C = 8	8 months
13	241 <= SERB_09A <= 271 or 35 <= SERB_09B <= 39 or SERB_09C = 9	9 months
14	272 <= SERB_09A <= 300 or 40 <= SERB_09B <= 44 or SERB_09C = 10	10 months
15	301 <= SERB_09A <= 331 or 45 <= SERB_09B <= 48 or SERB_09C = 11	11 months
16	332 <= SERB_09A <= 365 or 49 <= SERB_09B <= 52 or SERB_09C = 12	1 year
NS	SERB_09A = (DK, R, NS) or SERB_09B = (DK, R, NS) or SERB_09C = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

2) Contact with Psychiatrist – Outpatient Clinic – Grouped

Variable name: SERBG24F

Based on: SERB_24D, SERB_24E, SERB_24F

Description: This variable indicates whether or not the respondent contacted a psychiatrist in the following types of outpatient clinics: psychiatric outpatient clinic, drug or alcohol outpatient clinic or other hospital outpatient clinic.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG24F	Condition(s)	Explanation
NA	SERB_24D = NA or SERB_24E = NA or SERB_24F = NA	Not applicable
1	SERB_24D = 1 or SERB_24E = 1 or SERB_24F = 1	Respondent answered "Yes" to at least one question on contact with a psychiatrist in an outpatient clinic.
2	SERB_24D = 2 and SERB_24E = 2 and SERB_24F = 2	Respondent answered "No" to the questions on contact with a psychiatrist in an outpatient clinic.
NS	SERB_24D = (DK, R, NS) or SERB_24E = (DK, R, NS) or SERB_24F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

3) Contact with Psychiatrist – Other Clinic – Grouped

Variable name: SERBG24I

Based on: SERB_24G, SERB_24H, SERB_24I

Description: This variable indicates whether or not the respondent contacted a psychiatrist in the following types of other clinics: walk-in clinic, appointment clinic or community health centre/CLSC.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG24I	Condition(s)	Explanation
NA	SERB_24G = NA or SERB_24H = NA or SERB_24I = NA	Not applicable

1	SERB_24G = 1 or SERB_24H = 1 or SERB_24I = 1	Respondent answered "Yes" to at least one question on contact with a psychiatrist in other types of clinic.
2	SERB_24G = 2 and SERB_24H = 2 and SERB_24I = 2	Respondent answered "No" to the questions on contact with a psychiatrist in other types of clinic.
NS	SERB_24G = (DK, R, NS) or SERB_24H = (DK, R, NS) or SERB_24I = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

4) Contact with Psychiatrist – Work, School, Other – Grouped

Variable name: SERBG24O

Based on: SERB_24J, SERB_24K, SERB_24O

Description: This variable indicates whether or not the respondent contacted a psychiatrist at work, school or other location.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG24O	Condition(s)	Explanation
NA	SERB_24J = NA or SERB_24K = NA or SERB_24O = NA	Not applicable
1	SERB_24J = 1 or SERB_24K = 1 or SERB_24O = 1	Respondent answered "Yes" to at least one question on contact with a psychiatrist at work, school or other location.
2	SERB_24J = 2 and SERB_24K = 2 and SERB_24O = 2	Respondent answered "No" to the questions on contact with a psychiatrist at work, school or other location.
NS	SERB_24J = (DK, R, NS) or SERB_24K = (DK, R, NS) or SERB_24O = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

5) Contact with Family Doctor – Outpatient Clinic – Grouped

Variable name: SERBG34F

Based on: SERB_34D, SERB_34E, SERB_34F

Description: This variable indicates whether or not the respondent contacted a family doctor in the following types of outpatient clinics: psychiatric outpatient clinic, drug or alcohol outpatient clinic or other hospital outpatient clinic.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG34F	Condition(s)	Explanation
NA	SERB_34D = NA or SERB_34E = NA or SERB_34F = NA	Not applicable
1	SERB_34D = 1 or SERB_34E = 1 or SERB_34F = 1	Respondent answered "Yes" to at least one question on contact with a family doctor in an outpatient clinic.
2	SERB_34D = 2 and SERB_34E = 2 and SERB_34F = 2	Respondent answered "No" to the questions on contact with a family doctor in an outpatient clinic.

NS	SERB_34D = (DK, R, NS) or SERB_34E = (DK, R, NS) or SERB_34F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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6) Contact with Family Doctor – Other Clinic – Grouped

Variable name: SERBG34I

Based on: SERB_34G, SERB_34H, SERB_34I

Description: This variable indicates whether or not the respondent contacted a family doctor in the following types of other clinics: walk-in clinic, appointment clinic or community health centre/CLSC.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG34I	Condition(s)	Explanation
NA	SERB_34G = NA or SERB_34H = NA or SERB_34I = NA	Not applicable
1	SERB_34G = 1 or SERB_34H = 1 or SERB_34I = 1	Respondent answered "Yes" to at least one question on contact with a family doctor in other types of clinic.
2	SERB_34G = 2 and SERB_34H = 2 and SERB_34I = 2	Respondent answered "No" to the questions on contact with a family doctor in other types of clinic.
NS	SERB_34G = (DK, R, NS) or SERB_34H = (DK, R, NS) or SERB_34I = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

7) Contact with Family Doctor – Work, School, Other – Grouped

Variable name: SERBG34O

Based on: SERB_34J, SERB_34K, SERB_34O

Description: This variable indicates whether or not the respondent contacted a family doctor at work, school or other location.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG34O	Condition(s)	Explanation
NA	SERB_34J = NA or SERB_34K = NA or SERB_34O = NA	Not applicable
1	SERB_34J = 1 or SERB_34K = 1 or SERB_34O = 1	Respondent answered "Yes" to at least one question on contact with a family doctor at work, school or other location.
2	SERB_34J = 2 and SERB_34K = 2 and SERB_34O = 2	Respondent answered "No" to the questions on contact with a family doctor at work, school or other location.
NS	SERB_34J = (DK, R, NS) or SERB_34K = (DK, R, NS) or SERB_34O = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

8) Contact with Other Doctor – Outpatient Clinic – Grouped

Variable name: SERBG44F

Based on: SERB_44D, SERB_44E, SERB_44F

Description: This variable indicates whether or not the respondent contacted some other doctor in the following types of outpatient clinics: psychiatric outpatient clinic, drug or alcohol outpatient clinic or other hospital outpatient clinic.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG44F	Condition(s)	Explanation
NA	SERB_44D = NA or SERB_44E = NA or SERB_44F = NA	Not applicable
1	SERB_44D = 1 or SERB_44E = 1 or SERB_44F = 1	Respondent answered "Yes" to at least one question on contact with some other doctor in an outpatient clinic.
2	SERB_44D = 2 and SERB_44E = 2 and SERB_44F = 2	Respondent answered "No" to the questions on contact with some other doctor in an outpatient clinic.
NS	SERB_44D = (DK, R, NS) or SERB_44E = (DK, R, NS) or SERB_44F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

9) Contact with Other Doctor – Other Clinic – Grouped

Variable name: SERBG44I

Based on: SERB_44G, SERB_44H, SERB_44I

Description: This variable indicates whether or not the respondent contacted some other doctor in the following types of other clinics: walk-in clinic, appointment clinic or community health centre/CLSC.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG44I	Condition(s)	Explanation
NA	SERB_44G = NA or SERB_44H = NA or SERB_44I = NA	Not applicable
1	SERB_44G = 1 or SERB_44H = 1 or SERB_44I = 1	Respondent answered "Yes" to at least one question on contact with some other doctor in other types of clinic.
2	SERB_44G = 2 and SERB_44H = 2 and SERB_44I = 2	Respondent answered "No" to the questions on contact with some other doctor in other types of clinic.
NS	SERB_44G = (DK, R, NS) or SERB_44H = (DK, R, NS) or SERB_44I = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

10) Contact with Other Doctor – Work, School, Other – Grouped

Variable name: SERBG44O

Based on: SERB_44J, SERB_44K, SERB_44O

Description: This variable indicates whether or not the respondent contacted some other doctor at work, school or other location.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG44O	Condition(s)	Explanation
NA	SERB_44J = NA or SERB_44K = NA or SERB_44O = NA	Not applicable
1	SERB_44J = 1 or SERB_44K = 1 or SERB_44O = 1	Respondent answered "Yes" to at least one question on contact with some other doctor at work, school or other location.
2	SERB_44J = 2 and SERB_44K = 2 and SERB_44O = 2	Respondent answered "No" to the questions on contact with some other doctor at work, school or other location.
NS	SERB_44J = (DK, R, NS) or SERB_44K = (DK, R, NS) or SERB_44O = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

11) Contact with a Psychologist – Outpatient Clinic – Grouped

Variable name: SERBG54F

Based on: SERB_54D, SERB_54E, SERB_54F

Description: This variable indicates whether or not the respondent contacted a psychologist in the following types of outpatient clinics: psychiatric outpatient clinic, drug or alcohol outpatient clinic or other hospital outpatient clinic.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG54F	Condition(s)	Explanation
NA	SERB_54D = NA or SERB_54E = NA or SERB_54F = NA	Not applicable
1	SERB_54D = 1 or SERB_54E = 1 or SERB_54F = 1	Respondent answered "Yes" to at least one question on contact with a psychologist in an outpatient clinic.
2	SERB_54D = 2 and SERB_54E = 2 and SERB_54F = 2	Respondent answered "No" to the questions on contact with a psychologist in an outpatient clinic.
NS	SERB_54D = (DK, R, NS) or SERB_54E = (DK, R, NS) or SERB_54F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

12) Contact with a Psychologist – Other Clinic – Grouped

Variable name: SERBG54I

Based on: SERB_54G, SERB_54H, SERB_54I

Description: This variable indicates whether or not the respondent contacted a psychologist in the following types of other clinics: walk-in clinic, appointment clinic or community health centre/CLSC.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG54I	Condition(s)	Explanation
NA	SERB_54G = NA or SERB_54H = NA or SERB_54I = NA	Not applicable

1	SERB_54G = 1 or SERB_54H = 1 or SERB_54I = 1	Respondent answered "Yes" to at least one question on contact with a psychologist in other types of clinic.
2	SERB_54G = 2 and SERB_54H = 2 and SERB_54I = 2	Respondent answered "No" to the questions on contact with a psychologist in other types of clinic.
NS	SERB_54G = (DK, R, NS) or SERB_54H = (DK, R, NS) or SERB_54I = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

13) Contact with a Psychologist – Work, School, Other – Grouped

Variable name: SERBG54O

Based on: SERB_54J, SERB_54K, SERB_54O

Description: This variable indicates whether or not the respondent contacted a psychologist at work, school or other location.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG54O	Condition(s)	Explanation
NA	SERB_54J = NA or SERB_54K = NA or SERB_54O = NA	Not applicable
1	SERB_54J = 1 or SERB_54K = 1 or SERB_54O = 1	Respondent answered "Yes" to at least one question on contact with a psychologist at work, school or other location.
2	SERB_54J = 2 and SERB_54K = 2 and SERB_54O = 2	Respondent answered "No" to the questions on contact with a psychologist at work, school or other location.
NS	SERB_54J = (DK, R, NS) or SERB_54K = (DK, R, NS) or SERB_54O = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

14) Contact with a Nurse – Outpatient Clinic – Grouped

Variable name: SERBG64F

Based on: SERB_64D, SERB_64E, SERB_64F

Description: This variable indicates whether or not the respondent contacted a nurse in the following types of outpatient clinics: psychiatric outpatient clinic, drug or alcohol outpatient clinic or other hospital outpatient clinic.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG64F	Condition(s)	Explanation
NA	SERB_64D = NA or SERB_64E = NA or SERB_64F = NA	Not applicable
1	SERB_64D = 1 or SERB_64E = 1 or SERB_64F = 1	Respondent answered "Yes" to at least one question on contact with a nurse in an outpatient clinic.
2	SERB_64D = 2 and SERB_64E = 2 and SERB_64F = 2	Respondent answered "No" to the questions on contact with a nurse in an outpatient clinic.

NS	SERB_64D = (DK, R, NS) or SERB_64E = (DK, R, NS) or SERB_64F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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15) Contact with a Nurse – Other Clinic – Grouped

Variable name: SERBG64I

Based on: SERB_64G, SERB_64H, SERB_64I

Description: This variable indicates whether or not the respondent contacted a nurse in the following types of other clinics: walk-in clinic, appointment clinic or community health centre/CLSC.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG64I	Condition(s)	Explanation
NA	SERB_64G = NA or SERB_64H = NA or SERB_64I = NA	Not applicable
1	SERB_64G = 1 or SERB_64H = 1 or SERB_64I = 1	Respondent answered "Yes" to at least one question on contact with a nurse in other types of clinic.
2	SERB_64G = 2 and SERB_64H = 2 and SERB_64I = 2	Respondent answered "No" to the questions on contact with a nurse in other types of clinic.
NS	SERB_64G = (DK, R, NS) or SERB_64H = (DK, R, NS) or SERB_64I = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

16) Contact with a Nurse – Work, School, Other – Grouped

Variable name: SERBG64O

Based on: SERB_64J, SERB_64K, SERB_64O

Description: This variable indicates whether or not the respondent contacted a nurse at work, school or other location.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG64O	Condition(s)	Explanation
NA	SERB_64J = NA or SERB_64K = NA or SERB_64O = NA	Not applicable
1	SERB_64J = 1 or SERB_64K = 1 or SERB_64O = 1	Respondent answered "Yes" to at least one question on contact with a nurse at work, school or other location.
2	SERB_64J = 2 and SERB_64K = 2 and SERB_64O = 2	Respondent answered "No" to the questions on contact with a nurse at work, school or other location.
NS	SERB_64J = (DK, R, NS) or SERB_64K = (DK, R, NS) or SERB_64O = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

17) Contact with a Social Worker – Outpatient Clinic – Grouped

Variable name: SERBG74F

Based on: SERB_74D, SERB_74E, SERB_74F

Description: This variable indicates whether or not the respondent contacted a social worker in the following types of outpatient clinics: psychiatric outpatient clinic, drug or alcohol outpatient clinic or other hospital outpatient clinic.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG74F	Condition(s)	Explanation
NA	SERB_74D = NA or SERB_74E = NA or SERB_74F = NA	Not applicable
1	SERB_74D = 1 or SERB_74E = 1 or SERB_74F = 1	Respondent answered "Yes" to at least one question on contact with a social worker in an outpatient clinic.
2	SERB_74D = 2 and SERB_74E = 2 and SERB_74F = 2	Respondent answered "No" to the questions on contact with a social worker in an outpatient clinic.
NS	SERB_74D = (DK, R, NS) or SERB_74E = (DK, R, NS) or SERB_74F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

18) Contact with a Social Worker – Other Clinic – Grouped

Variable name: SERBG74I

Based on: SERB_74G, SERB_74H, SERB_74I

Description: This variable indicates whether or not the respondent contacted a social worker in the following types of other clinics: walk-in clinic, appointment clinic or community health centre/CLSC.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG74I	Condition(s)	Explanation
NA	SERB_74G = NA or SERB_74H = NA or SERB_74I = NA	Not applicable
1	SERB_74G = 1 or SERB_74H = 1 or SERB_74I = 1	Respondent answered "Yes" to at least one question on contact with a social worker in other types of clinic.
2	SERB_74G = 2 and SERB_74H = 2 and SERB_74I = 2	Respondent answered "No" to the questions on contact with a social worker in other types of clinic.
NS	SERB_74G = (DK, R, NS) or SERB_74H = (DK, R, NS) or SERB_74I = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

19) Contact with a Social Worker – Work, School, Other – Grouped

Variable name: SERBG74O

Based on: SERB_74J, SERB_74K, SERB_74O

Description: This variable indicates whether or not the respondent contacted a social worker at work, school or other location.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG74O	Condition(s)	Explanation
NA	SERB_74J = NA or SERB_74K = NA or SERB_74O = NA	Not applicable
1	SERB_74J = 1 or SERB_74K = 1 or SERB_74O = 1	Respondent answered "Yes" to at least one question on contact with a social worker at work, school or other location.

2	SERB_74J = 2 and SERB_74K = 2 and SERB_74O = 2	Respondent answered "No" to the questions on contact with a social worker at work, school or other location.
NS	SERB_74J = (DK, R, NS) or SERB_74K = (DK, R, NS) or SERB_74O = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

20) Contact with a Religious Advisor – Outpatient Clinic – Grouped

Variable name: SERBG84F

Based on: SERB_84D, SERB_84E, SERB_84F

Description: This variable indicates whether or not the respondent contacted a religious advisor in the following types of outpatient clinics: psychiatric outpatient clinic, drug or alcohol outpatient clinic or other hospital outpatient clinic.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG84F	Condition(s)	Explanation
NA	SERB_84D = NA or SERB_84E = NA or SERB_84F = NA	Not applicable
1	SERB_84D = 1 or SERB_84E = 1 or SERB_84F = 1	Respondent answered "Yes" to at least one question on contact with a religious advisor in an outpatient clinic.
2	SERB_84D = 2 and SERB_84E = 2 and SERB_84F = 2	Respondent answered "No" to the questions on contact with a religious advisor in an outpatient clinic.
NS	SERB_84D = (DK, R, NS) or SERB_84E = (DK, R, NS) or SERB_84F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

21) Contact with a Religious Advisor – Other Clinic – Grouped

Variable name: SERBG84I

Based on: SERB_84G, SERB_84H, SERB_84I

Description: This variable indicates whether or not the respondent contacted a religious advisor in the following types of other clinics: walk-in clinic, appointment clinic or community health centre/CLSC.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG84I	Condition(s)	Explanation
NA	SERB_84G = NA or SERB_84H = NA or SERB_84I = NA	Not applicable
1	SERB_84G = 1 or SERB_84H = 1 or SERB_84I = 1	Respondent answered "Yes" to at least one question on contact with a religious advisor in other types of clinic.
2	SERB_84G = 2 and SERB_84H = 2 and SERB_84I = 2	Respondent answered "No" to the questions on contact with a religious advisor in other types of clinic.

NS	SERB_84G = (DK, R, NS) or SERB_84H = (DK, R, NS) or SERB_84I = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
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22) Contact with a Religious Advisor – Work, School, Other – Grouped

Variable name: SERBG84O

Based on: SERB_84J, SERB_84K, SERB_84O

Description: This variable indicates whether or not the respondent contacted a religious advisor at work, school or other location.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG84O	Condition(s)	Explanation
NA	SERB_84J = NA or SERB_84K = NA or SERB_84O = NA	Not applicable
1	SERB_84J = 1 or SERB_84K = 1 or SERB_84O = 1	Respondent answered "Yes" to at least one question on contact with a religious advisor at work, school or other location.
2	SERB_84J = 2 and SERB_84K = 2 and SERB_84O = 2	Respondent answered "No" to the questions on contact with a religious advisor at work, school or other location.
NS	SERB_84J = (DK, R, NS) or SERB_84K = (DK, R, NS) or SERB_84O = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

23) Contact with Other Professional – Outpatient Clinic – Grouped

Variable name: SERBG94F

Based on: SERB_94D, SERB_94E, SERB_94F

Description: This variable indicates whether or not the respondent contacted some other professional in the following types of outpatient clinics: psychiatric outpatient clinic, drug or alcohol outpatient clinic or other hospital outpatient clinic.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG94F	Condition(s)	Explanation
NA	SERB_94D = NA or SERB_94E = NA or SERB_94F = NA	Not applicable
1	SERB_94D = 1 or SERB_94E = 1 or SERB_94F = 1	Respondent answered "Yes" to at least one question on contact with some other professional in an outpatient clinic.
2	SERB_94D = 2 and SERB_94E = 2 and SERB_94F = 2	Respondent answered "No" to the questions on contact with some other professional in an outpatient clinic.
NS	SERB_94D = (DK, R, NS) or SERB_94E = (DK, R, NS) or SERB_94F = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

24) Contact with Other Professional – Other Clinic – Grouped

Variable name: SERBG94I

Based on: SERB_94G, SERB_94H, SERB_94I

Description: This variable indicates whether or not the respondent contacted some other professional in the following types of other clinics: walk-in clinic, appointment clinic or community health centre/CLSC.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG94I	Condition(s)	Explanation
NA	SERB_94G = NA or SERB_94H = NA or SERB_94I = NA	Not applicable
1	SERB_94G = 1 or SERB_94H = 1 or SERB_94I = 1	Respondent answered "Yes" to at least one question on contact with some other professional in other types of clinic.
2	SERB_94G = 2 and SERB_94H = 2 and SERB_94I = 2	Respondent answered "No" to the questions on contact with some other professional in other types of clinic.
NS	SERB_94G = (DK, R, NS) or SERB_94H = (DK, R, NS) or SERB_94I = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

25) Contact with Other Professional – Work, School, Other – Grouped

Variable name: SERBG94O

Based on: SERB_94J, SERB_94K, SERB_94O

Description: This variable indicates whether or not the respondent contacted some other professional at work, school or other location.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of SERBG94O	Condition(s)	Explanation
NA	SERB_94J = NA or SERB_94K = NA or SERB_94O = NA	Not applicable
1	SERB_94J = 1 or SERB_94K = 1 or SERB_94O = 1	Respondent answered "Yes" to at least one question on contact with some other professional at work, school or other location.
2	SERB_94J = 2 and SERB_94K = 2 and SERB_94O = 2	Respondent answered "No" to the questions on contact with some other professional at work, school or other location.
NS	SERB_94J = (DK, R, NS) or SERB_94K = (DK, R, NS) or SERB_94O = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

26) Flag Indicating Lifetime Overnight Hospitalization for Problems with Emotions, Mental Health or Use of Alcohol and Drugs

Variable name: SERBFLHO

Based on: SERB_02, DEPB_C5, DEPB_ABA, DEPB_DBA, DEPB_87, MIAB_48, PADB_65, SOPB_39, AGPB_38

Description: This variable identifies whether the respondent was ever hospitalized overnight or longer in any type of health care facility for problems with emotions, mental health or use of alcohol or drugs.

Value of SERBFLHO	Condition(s)	Explanation
1	SERB_02 = 1 or DEPB_C5 = 1 or DEPB_ABA = 1 or DEPB_DBA = 1 or DEPB_87 = 1 or MIAB_48 = 1 or PADB_65 = 1 or SOPB_39 = 1 or AGPB_38 = 1	Respondent has been hospitalized overnight or longer for problems with their emotions, mental health, or use of alcohol or drugs.
2	SERB_02 = 2	Respondent has never been hospitalized overnight for problems with their emotions, mental health, or use of alcohol or drugs.
NS	(SERB_02 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) the question required for calculation.

27) Total Days Spent in Hospital for Problems with Emotions, Mental Health or Use of Alcohol and Drugs – Life – Grouped

Variable Name: SERBGHDY

Based on: SERB_05A, SERB_05C, SERB_05D, SERB_05E, SERB_05F, SERB_05G, SERB_07, SERB_07A, SERB_07B, SERB_07C, SERB_07D, SERBT5DY, SERBT7DY

Previous Use: None

Description: This variable identifies the total duration of hospitalization overnight or longer in any type of health care facility for problems with emotions, mental health or use of alcohol or drugs. It is the total number of days hospitalized for problems with emotions, mental health or use of alcohol or drugs during lifetime.

In order to ensure individuals were not identifiable, records have been collapsed.

27a) Temporary Variable - Respondents with one lifetime hospitalization

Variable Name: SERBT5DY

Based on: SERB_05A, SERB_05C, SERB_05D, SERB_05E, SERB_05F, SERB_05G

Value of SERBT5DY	Condition(s)	Explanation
NA	SERB_05A = NA	Respondent had no hospitalizations or more than one hospitalization.
NS	(SERB_05C = DK, R, NS) or (SERB_05D = DK, R, NS) or (SERB_05E = DK, R, NS) or (SERB_05F = DK, R, NS) or (SERB_05G = DK, R, NS)	Respondent did not answer (don't know, refused, not stated) at least one question required for calculation.
Value in SERB_05D	SERB_05C = 1	Total days spent in hospital for problems with mental health: respondents with one lifetime hospitalization. Number of days = number of days reported
Value in SERB_05E * 7	SERB_05C = 2	Total days spent in hospital for problems with mental health: respondents with one lifetime hospitalization. Number of days = number of weeks * 7

Value in SERB_05F * 30	SERB_05C = 3	Total days spent in hospital for problems with mental health: respondents with one lifetime hospitalization. Number of days = number of months * 30
Value in SERB_05G * 365	SERB_05C = 4	Total days spent in hospital for problems with mental health: respondents with one lifetime hospitalization. Number of days = number of years * 365

27b) Temporary Variable - Respondents with more than one lifetime hospitalization

Variable Name: SERBT7DY

Based on: SERB_07, SERB_07A, SERB_07B, SERB_07C, SERB_07D

Value of SERBT7DY	Condition(s)	Explanation
NA	SERB_07 = NA	Respondent was never hospitalized overnight or reported only one lifetime hospitalization.
NS	(SERB_07 = DK, R, NS) or (SERB_07A = DK, R, NS) or (SERB_07B = DK, R, NS) or (SERB_07C = DK, R, NS) or (SERB_07D = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.
Value in SERB_07A	SERB_07 = 1	Total days spent in hospital for problems with mental health: respondents with more than one lifetime hospitalization. Number of days = number of days reported
Value in SERB_07B * 7	SERB_07 = 2	Total days spent in hospital for problems with mental health: respondents with more than one lifetime hospitalization Number of days = number of weeks * 7
Value in SERB_07C * 30	SERB_07 = 3	Total days spent in hospital for problems with mental health: respondents with more than one lifetime hospitalization. Number of days = number of months * 30
Value in SERB_07D * 365	SERB_07 = 4	Total days spent in hospital for problems with mental health: respondents with more than one lifetime hospitalization. Number of days = number of years * 365

Calculation of Total Days Spent in Hospital for Problems with Emotions, Mental Health or Use of Alcohol and Drugs:

Value of SERBGHDY	Condition(s)	Explanation
NA	SERBT7DY = NA and SERBT5DY = NA	Respondent was not hospitalized for problems with emotions, mental health, alcohol or drugs.
NS	SERBT7DY = NS or SERBT5DY = NS	Respondent has a non-response (not stated) value in one of the derived variables required for calculation.
Value in SERBT7DY	$1 \leq \text{SERBT7DY} < \text{NA}$	Total number of days hospitalized overnight for problems related to emotions, mental health, alcohol or drugs (for respondents who had more than one lifetime hospitalization of this kind).
Value in SERBT5DY	$1 \leq \text{SERBT5DY} < \text{NA}$	Total number of days hospitalized overnight in lifetime for problems related to emotions, mental health, alcohol or drugs (for respondents who only had one lifetime hospitalization of this kind).

28) Flag for Past 12-Month Overnight Hospitalization for Problems with Emotions, Mental Health or Use of Alcohol and Drugs

Variable name: SERBFHYR

Based on: SERB_05A, SERB_08

Description: This variable identifies whether the respondent was hospitalized overnight or longer in the past 12 months in any type of health care facility for problems with emotions, mental health or use of alcohol or drugs.

Value of SERBDHYR	Condition(s)	Explanation
NS	(SERB_05A = DK, R, NS) or (SERB_08 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.
1	(SERB_05A = 1, 2, 3) or (SERB_08 = 1)	Respondent was hospitalized overnight or longer in the past 12 months.
2	SERB_05A = 4 or SERB_08 = 2 or (SERB_05A = NA and SERB_08 = NA)	Respondent was not hospitalized overnight or longer in the past 12 months.

29) Flag Indicating Lifetime Consultations with (any) Professionals for Problems with Emotions, Mental Health or Use of Alcohol and Drugs

Variable name: SERBFLAP

Based on: SERB_10I

Description: This variable identifies whether the respondent had any lifetime consultations with any professionals for problems concerning emotions, mental health or use of alcohol or drugs

Note: This variable is similar to CCHS1.1 HCUAFHPC. The CCHS 1.1 variable is restricted to past 12 months, and refers to emotional or mental health; it excludes explicit mention of alcohol and drugs. The CCHS 1.1 questions also include several categories of health professionals. Other variables measuring health care utilization exist: CCHS 1.1: HCUAFHPC; NPHS Cycle 4: HCC0DHPC; NPHS Cycle 3: HCC8DHPC; NPHS Cycle 2: HCC6DHPC; NPHS Cycle 1: HCC4DHPC.

Value of SERBFLAP	Condition(s)	Explanation
1	SERB_10I = 2	Respondent consulted at least one professional in their lifetime about their emotions, mental health, or use of alcohol or drugs.
2	SERB_10I = 1	Respondent has never consulted a professional about their emotions, mental health, or use of alcohol or drugs.
NS	(SERB_10I = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) the question required for calculation.

30) Flag Indicating Lifetime Use of any Resources for Problems Concerning Emotions, Mental Health or Use of Alcohol and Drugs

Variable name: SERBFLRU

Based on: SERB_02, SERB_10I, SERB_AOA, SERB_A1A, SERB_A2A

Description: This variable identifies whether the respondent ever used resources for problems concerning emotions, mental health or use of alcohol or drugs. Specifically, it assesses whether the respondent was ever hospitalized overnight or ever consulted a professional, used internet support group or chat room, went to a self-help group or used a telephone helpline during his lifetime.

Value of SERBFLRU	Condition(s)	Explanation
1	(SERB_02 = 1, NA) or SERB_10I = 2 or SERB_AOA = 1 or SERB_A1A = 1 or SERB_A2A = 1	Respondent used at least one resource for problems concerning emotions, mental health, or use of alcohol or drugs.
2	SERB_02 = 2 and SERB_10I = 1 and SERB_AOA = 2 and SERB_A1A = 2 and SERB_A2A = 2	Respondent has never used any resources for problems concerning emotions, mental health, or use of alcohol or drugs.
NS	(SERB_02 = DK, R, NS) or (SERB_10I = DK, R, NS) or (SERB_AOA = DK, R, NS) or (SERB_A1A = DK, R, NS) or (SERB_A2A = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.

31) Number of Lifetime Types of Resources Used for Problems Concerning Emotions, Mental Health or Use of Alcohol and Drugs

Variable name: SERBDRCT

Based on: SERB_02, SERB_10A, SERB_10B, SERB_10C, SERB_10D, SERB_10E, SERB_10F, SERB_10G, SERB_10H, SERB_AOA, SERB_A1A, SERB_A2A

Description: This variable assesses the number of different types of resources used during lifetime for problems concerning emotions, mental health or use of alcohol or drugs.

Temporary Reformat:

Value of Temporary Variables	Explanation
If SERB_02 = 2 then SERRQ002 = 0 If SERB_02 = NA then SERRQ002 = 1	Been hospitalized for problems with emotions, mental health or use of alcohol or drugs: Reformat No into 0 and NA into 1.

If SERB_10A = 2 then SERRQ010A = 0 If SERB_10B = 2 then SERRQ010B = 0 If SERB_10C = 2 then SERRQ010C = 0 If SERB_10D = 2 then SERRQ010D = 0 If SERB_10E = 2 then SERRQ010E = 0 If SERB_10F = 2 then SERRQ010F = 0 If SERB_10G = 2 then SERRQ010G = 0 If SERB_10H = 2 then SERRQ010H = 0	Consulted professional for problems with emotions, mental health or use of alcohol or drugs: Reformat No into 0.
If SERB_AOA = 2 then SERRQ100A = 0	Used internet support group or chat room for problems with emotions, mental health or use of alcohol or drugs: Reformat No into 0.
If SERB_A1A = 2 then SERRQ101A = 0	Used self-help group for help with emotions, mental health or use of alcohol or drugs: Reformat No into 0.
If SERB_A2A = 2 then SERRQ102A = 0	Used telephone helpline for problems with emotions, mental health or use of alcohol or drugs: Reformat No into 0.

Value of SERBDRCT	Condition(s)	Explanation
NS	(SERB_02 = DK, R, NS) or (SERB_10A = DK, R, NS) or (SERB_10B = DK, R, NS) or (SERB_10C = DK, R, NS) or (SERB_10D = DK, R, NS) or (SERB_10E = DK, R, NS) or (SERB_10F = DK, R, NS) or (SERB_10G = DK, R, NS) or (SERB_10H = DK, R, NS) or (SERB_AOA = DK, R, NS) or (SERB_A1A = DK, R, NS) or (SERB_A2A = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one of the questions required for calculation.
SERRQ002 + SERRQ010A + SERRQ010B + SERRQ010C + SERRQ010D + SERRQ010E + SERRQ010F + SERRQ010G + SERRQ010H + SERRQ100A + SERRQ101A + SERRQ102A (min: 0; max: 12)	(SERRQ002 = 0, 1) and (SERRQ010A = 0, 1) and (SERRQ010B = 0, 1) and (SERRQ010C = 0, 1) and (SERRQ010D = 0, 1) and (SERRQ010E = 0, 1) and (SERRQ010F = 0, 1) and (SERRQ010G = 0, 1) and (SERRQ010H = 0, 1) and (SERRQ100A = 0, 1) and (SERRQ101A = 0, 1) and (SERRQ102A = 0, 1)	Number of lifetime resources used for problems concerning emotions, mental health, or use of alcohol or drugs.

32) Flag Indicating past 12-Month Utilization of any Resources for Problems Concerning Emotions, Mental Health or Use of Alcohol and Drugs

Variable Name: SERBFYRU

Based on: SERB_05A, SERB_08, SERB_21, SERB_31, SERB_41, SERB_51, SERB_61, SERB_71, SERB_81, SERB_91, SERB_AOB, SERB_A1C, SERB_A2C

Description: This variable identifies whether the respondent used resources for problems concerning emotions, mental health or use of alcohol or drugs in the 12 months prior to the interview. Specifically, it assesses whether the respondent was ever hospitalized overnight or ever consulted a professional, used internet support group or chat room, went to a self-help group or used a telephone helpline in the 12 months prior to the interview.

Value of SERBFYRU	Condition(s)	Explanation
1	$1 \leq \text{SERB_05A} \leq 3$ or $\text{SERB_08} = 1$ or $1 \leq \text{SERB_21} \leq 3$ or $1 \leq \text{SERB_31} \leq 3$ or $1 \leq \text{SERB_41} \leq 5$ or $1 \leq \text{SERB_51} \leq 3$ or $1 \leq \text{SERB_61} \leq 3$ or $1 \leq \text{SERB_71} \leq 3$ or $1 \leq \text{SERB_81} \leq 3$ or $1 \leq \text{SERB_91} \leq 13$ or $1 \leq \text{SERB_AOB} \leq 3$ or $1 \leq \text{SERB_A1C} \leq 3$ or $1 \leq \text{SERB_A2C} \leq 3$	Respondent used at least one resource during past 12 months concerning emotions, mental health, or use of alcohol or drugs.
2	$(\text{SERB_05A} = 4, \text{NA})$ and $(\text{SERB_08} = 2, \text{NA})$ and $(\text{SERB_21} = 4, \text{NA})$ and $(\text{SERB_31} = 4, \text{NA})$ and $(\text{SERB_41} = 6, \text{NA})$ and $(\text{SERB_51} = 4, \text{NA})$ and $(\text{SERB_61} = 4, \text{NA})$ and $(\text{SERB_71} = 4, \text{NA})$ and $(\text{SERB_81} = 4, \text{NA})$ and $(\text{SERB_91} = 14, \text{NA})$ and $(\text{SERB_AOB} = 4, \text{NA})$ and $(\text{SERB_A1C} = 4, \text{NA})$ and $(\text{SERB_A2C} = 4, \text{NA})$	Respondent has not used any resources in past 12 months for problems concerning emotions, mental health, or use of alcohol or drugs.
NS	$(\text{SERB_05A} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_08} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_21} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_31} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_41} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_51} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_61} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_71} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_81} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_91} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_AOB} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_A1C} = \text{DK}, \text{R}, \text{NS})$ or $(\text{SERB_A2C} = \text{DK}, \text{R}, \text{NS})$	Respondent did not answer (don't know, refusal, not specified) at least one of the questions required for calculation.

33) Number of Types of Resources Utilized in Past 12 Months for Problems Concerning Emotions, Mental Health or Use of Alcohol and Drugs

Variable Name: SERBDYCT

Based on: SERB_05A, SERB_08, SERB_21, SERB_31, SERB_41, SERB_51, SERB_61, SERB_71, SERB_81, SERB_91, SERB_AOB, SERB_A1C, SERB_A2C

Description: Count of past 12-month usage of resources concerning emotions, mental health or use of alcohol or drugs.

Temporary Reformat:

Reformat	Explanation
If $(\text{SERB_05A} = 4, \text{NA})$ then $\text{SERRQ005A} = 0$ If $1 \leq \text{SERB_05A} \leq 3$ then $\text{SERRQ005A} = 1$ If $(\text{SERB_08} = 2, \text{NA})$ then $\text{SERRQ008} = 0$	Recode 4 ("more than a year ago") and NA to 0 (No). Recode 1, 2, 3 ("during the past month" to "between 7-12 months ago") to 1 (Yes). Recode 2, NA to 0 (No).

If (SERB_21 = 4, NA) then SERRQ021 = 0 If 1 <= SERB_21 <= 3 then SERRQ021 = 1 If (SERB_31 = 4, NA) then SERRQ031 = 0 If 1 <= SERB_31 <= 3 then SERRQ031 = 1 If (SERB_41 = 6, NA) then SERRQ041 = 0 If 1 <= SERB_41 <= 5 then SERRQ041 = 1 If (SERB_51 = 4, NA) then SERRQ051 = 0 If 1 <= SERB_51 <= 3 then SERRQ051 = 1 If (SERB_61 = 4, NA) then SERRQ061 = 0 If 1 <= SERB_61 <= 3 then SERRQ061 = 1 If (SERB_71 = 4, NA) then SERRQ071 = 0 If 1 <= SERB_71 <= 3 then SERRQ071 = 1 If (SERB_81 = 4, NA) then SERRQ081 = 0 If 1 <= SERB_81 <= 3 then SERRQ081 = 1	Recode 4 ("more than a year ago") and NA to 0 (No). Recode 1, 2, 3 ("during the past month" to "between 7-12 months ago") to 1 (Yes). Recode 6 ("None" more than a year ago) and NA to 0 (No). Recode 1 to 5 (reported medical doctor consulted in past 12 months) to 1 (yes).
If (SERB_91 = 14, NA) then SERRQ091 = 0 If 1 <= SERB_91 <= 13 then SERRQ091 = 1	Reformat 14 ("none") and NA to 0 (No). Reformat 1 to 13 to 1 (Yes).
If (SERB_AOB = 4, NA) then SERRQ100B = 0 If 1 <= SERB_AOB <= 3 then SERRQ100B = 1	Recode 4 ("more than a year ago") and NA to 0 (No). Recode 1, 2, 3 ("during the past month" to "between 7-12 months ago") to 1 (Yes).
If (SERB_A1C = 4, NA) then SERRQ101C = 0 If 1 <= SERB_A1C <= 3 then SERRQ101C = 1	Recode 4 ("more than a year ago") and NA to 0 (No). Recode 1, 2, 3 ("during the past month" to "between 7-12 months ago") to 1 (Yes).
If (SERB_A2C = 4, NA) then SERRQ102C = 0 If 1 <= SERB_A2C <= 3 then SERRQ102C = 1	Recode 4 ("more than a year ago") and NA to 0 (No). Recode 1, 2, 3 ("during the past month" to "between 7-12 months ago") to 1 (Yes).

Value of SERBDYCT	Condition(s)	Explanation
NS	(SERB_05A = DK, R, NS) or (SERB_08 = DK, R, NS) or (SERB_21 = DK, R, NS) or (SERB_31 = DK, R, NS) or (SERB_41 = DK, R, NS) or (SERB_51 = DK, R, NS) or (SERB_61 = DK, R, NS) or (SERB_71 = DK, R, NS) or (SERB_81 = DK, R, NS) or (SERB_91 = DK, R, NS) or (SERB_AOB = DK, R, NS) or (SERB_A1C = DK, R, NS) or (SERB_A2C = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one of the questions required for calculation.
SERRQ005A + SERRQ008 + SERRQ021 + SERRQ031 + SERRQ041 + SERRQ051 + SERRQ061 + SERRQ071 + SERRQ081 + SERRQ091 + SERRQ100B + SERRQ101C + SERRQ102C (min: 0; max: 12)	(SERRQ005A = 0, 1) and (SERRQ008 = 0, 1) and (SERRQ021 = 0, 1) and (SERRQ031 = 0, 1) and (SERRQ041 = 0, 1) and (SERRQ051 = 0, 1) and (SERRQ061 = 0, 1) and (SERRQ071 = 0, 1) and (SERRQ081 = 0, 1) and (SERRQ091 = 0, 1) and (SERRQ100B = 0, 1) and (SERRQ101C = 0, 1) and (SERRQ102C = 0, 1)	Number of resources used in past 12 months for problems concerning emotions, mental health, or use of alcohol or drugs.

34) Flag Indicating Barriers to Mental Health Care Services Due to Accessibility Issues

Variable name: SERBFACS

Based on: SERB_A5A, SERB_A5E, SERB_A5F, SERB_A3

Description: This flag indicates whether a respondent reported a perceived unmet mental health care need due to accessibility. The reasons for respondents not being able to access health care services for their emotions, mental health or use of alcohol or drugs were the cost, lack of transportation or issues such as childcare or scheduling.

Value of SERBFACS	Condition(s)	Explanation
NS	SERB_A5A = (DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
1	SERB_A5E = 1 or SERB_A5F = 1	Respondent reported barriers related to accessing mental health care services.
2	(SERB_A5E = 2 and SERB_A5F = 2) or SERB_A3 = 2	Respondent did not report barriers related to accessing mental health care services.

35) Flag Indicating Barriers to Mental Health Care Services Due to Acceptability Issues

Variable name: SERBFACP

Based on: SERB_A5A, SERB_A5B, SERB_A5C, SERB_A5D, SERB_A5J, SERB_A5K, SERB_A5L, SERB_A3

Description: Flag indicating whether respondent reported a perceived unmet mental health care need due to acceptability. Acceptability issues are those where individuals chose to do without mental health care either because of competing demands on their time or because of their attitude towards illness, health care providers or the health care system. Examples are deciding not to bother, not getting around to it, preferred to manage it themselves, didn't think it could help, afraid to ask or language problems.

Value of SERBFACP	Condition(s)	Explanation
NS	(SERB_A5A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
1	SERB_A5A = 1 or SERB_A5B = 1 or SERB_A5C = 1 or SERB_A5D = 1 or SERB_A5J = 1 or SERB_A5K = 1 or SERB_A5L = 1	The respondent reported barriers related to problems of acceptability of mental health care services.
2	(SERB_A5A = 2 and SERB_A5B = 2 and SERB_A5C = 2 and SERB_A5D = 2 and SERB_A5J = 2 and SERB_A5K = 2 and SERB_A5L = 2) or SERB_A3 = 2	The respondent did not report barriers related to reasons of acceptability of mental health care services.

36) Flag Indicating Barriers to Mental Health Care Services Due to Availability Issues

Variable name: SERBFAVA

Based on: SERB_A5A, SERB_A5G, SERB_A5H, SERB_A5I, SERB_A3

Description: Flag indicating whether respondent who reported a perceived unmet mental health care need had problems obtaining mental health care services because of the unavailability of services. Examples of availability problems include waiting too long, help not available in area or at the time required.

Value of SERBFAVA	Condition(s)	Explanation
NS	(SERB_A5A = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
1	SERB_A5G = 1 or SERB_A5H = 1 or SERB_A5I = 1	Respondent reported barriers obtaining mental health care services due to problems of availability.
2	(SERB_A5G = 2 and SERB_A5H = 2 and SERB_A5I = 2) or SERB_A3 = 2	Respondent did not report barriers obtaining mental health care services due to problems of availability.

Drug Coding (1 DV)

Variable name: MEDBG03A to MEDBG03L

Based on: MEDBC03A to MEDBC03L

Description: The drug classification is based on the Canadian Anatomical Therapeutic Chemical (ATC) Classification System. The codes used here are not the actual ATC codes, but they are numbers from 1 to 26 that correspond to the first letter of the drug code ranging from A to Z which is provided on the Public Use Microdata File. Coding is provided for both drugs and health products.

The full set of codes are identified on the master file (MEDBC03A to MEDBC03L) and (MEDB_6A to MEDB_6L). These are available by special request.

1. Alimentary Tract And Metabolism

Antiobesity Preparations, Excluding Diet Products

Mineral Supplements

Enzyme Preparations

Antipropulsives

Antiflatulents

Digestives, Including Enzymes

Antiemetics and Antinauseants

Propulsives

Cathartics/Laxatives

Laxatives (Bulk Forming)

Laxatives (Contact)

Laxatives (Softeners, Emollients)

Laxatives (Osmotically Acting)

Miscellaneous GI

Cholelitholytic and Choleric

Anti-Peptic Ulcer (H2-Receptor Antagonists)

Anti-Peptic Ulcer (Others)

Antacids

Drugs Used in Diabetes

Drugs Used in Diabetes (Insulins)

Drugs Used in Diabetes (Oral Hypoglycemics)

Antihypoglycemics

Other Mineral Supplements

Nutritional Supplements

Antiobesity Preparations

2. Blood And Blood Forming Organs

Blood Formation and Coagulation

Anticoagulants

Antiplatelet

Antianemic Preparations (Iron)

Electrolyte Solutions (Alkalinizing)

Irrigating Solutions

3. Cardiovascular System

Peripheral Vasodilators

Haemorrhologic

Antihyperlipedemic
Cardiac Drugs
Cardiac (Glycosides and Others)
Cardiac (Antiarrhythmics)
Cardiac (Calcium Channel Blockers)
Antihypertensive
Antihypertensive (Beta Blocking)
Antihypertensive (Converting Enzyme Inhibitors - ACE)
Antihypertensive (Adrenergic Neuron Blockers)
Antihypertensive (A-Blockers)
Antihypertensive (Others)
Vasodilators (Nitrates/Nitrites)
Vasodilators (Others)
Diuretics
Diuretics (Thiazides and Related)
Diuretics (Loop)
Diuretics (Potassium-Sparing)

4. Dermatologicals

Skin/Mucous Membrane Preparation
Antibiotics
Antivirals
Antifungals
Other Anti-Infectives
Anesthetics for Topical Use/Antipruritics
Anti-Acne Preparation
Anipsoriatics and Protectants
Keratolytics
Keratoplastics
Astringents
Depigmenting/Pigmenting
Anti-Inflammatory (Corticosteroids)
Sunscreens
Miscellaneous Dermatological Preparations

7. Genito-Urinary System And Sex Hormones

Urinary Anti-infectives
Androgens
Hormonal Contraceptives
Progestogens
Estrogens
Gonadotrophins
Genitourinary Antispasmodics

8. Systemic Hormonal Preparations, Excluding Sex Hormones

Hormones
Corticosteroids
Pituitary and Hypothalamic Hormones
Thyroid/Antithyroid
Thyroid Hormones

Antithyroid Preparations

10. General Anti-Infectives For Systemic Use

Antimycotics for Systemic Use

Antimycobacterials

Antivirals for Systemic Use

Aminoglycoside Antibacterials

Cephalosporins and Related Substances

Macrolides

Quinolone Antibacterials

Sulfonamides

Tetracyclines

Penicillins

Penicillins (Natural)

Penicillins (Penicillinase-Resistant)

Penicillins (Broadspectrum)

Miscellaneous Antibacterials

12. Antineoplastic Agents

Antineoplastic

Alkylating

Anti-Metabolites

Miscellaneous Antineoplastics

Immunosuppressive Agents

13. Musculoskeletal System

Skeletal Muscle Relaxants

Skeletal Muscle Relaxants (Centrally Acting)

Skeletal Muscle Relaxants (Combination)

Analgesics/Antipyretics

Antiinflammatory and Antirheumatic (NSAID)

Preparations Increasing Uric Acid

Gold Preparations

Topical Products for Joint and Muscular Pain

14. Nervous System

Parasyathomimetic

Anticholinergic Antimuscarinics/Antispasmodics

Ergot Alkaloids

Antiepileptics

Antimigraine

Anti-Parkinson Drugs

Alcohol

Analgesics/Antipyretics (Salicylic Acid/Derivatives)

Analgesics/Antipyretics (Opioids)

Analgesics/Antipyretics (Opioids-Combinations)

Analgesics/Antipyretics (Opioids-Codeine)

Analgesics/Antipyretics (Miscellaneous)

Analgesics/Antipyretics (Acetaminophen)

Antidepressants

Antidepressants (Mao Inhibitors)
Antidepressants (Tricyclics)
Antidepressants (Serotonin Inhibitors)
Antidepressants (Others)
Anxiolytics, Sedatives, Hypnotics
Anxiolytics (BZD-Short Half-Life)
Anxiolytics (BZD-Medium Half-Life)
Anxiolytics (BZD-Long Half-Life)
Anxiolytics (Other)
Hypnotics and Sedatives (Barbiturates)
Hypnotics and Sedatives (Other)
Antipsychotics (Phenothiazines)
Antipsychotics (Others)
Psychostimulants
Antipsychotic (Lithium)

16. Antiparasitic Products

Antiprotozoals (Antimalarials)

18. Respiratory System

Antihistamines (General)
Antihistamines (For Systemic Use)
Antihistamines (For Systemic Use - Other)
Respiratory Stimulants
Anti-Allergic and Other Anti-Asthmatics (Inhaled)
Anti-Asthmatics (Theophyllines)
Anti-Asthmatics (B-Agonists)
Anti-Asthmatics (Others)
Cold Medications

19. Sensory Organs

Anti-Infectives
Anti-Inflammatory
Carbonic Anhydrase Inhibitors
Antiglaucoma Preparations and Miotics
Mydriatics
Mouth Washes and Gargles
Nasal and Systemic Decongestants (Nasal)
Ophthalmological and Otological Preparations
Anti-Infective (Antivirals)
Anti-Infective (Sulfonamides)
Anti-Infective (Miscellaneous)

22. Various

Anti-Smoking Agents
Heavy Metal Antagonists
Local Anesthetics (Parenteral)
Vaccines
Vitamin A Derivatives
Vitamin B Complex

Vitamin C
Vitamin D
Vitamin E
Vitamin K
Miscellaneous Vitamin Preparations
Multivitamins
Placebo
Unclassified Therapeutics

24. Natural Medicines

Natural Medicines
Medicinal Herbs
Natural Weight Reduction
Tisanes
Chinese Medicine
Natural Immune/Anti-Allergy
Micro-Algae
Proteins
Amino-Acids
Nucleoside
Amino Sugar
Fatty Acids
Natural Oils, Spices
Natural Enzymes
Natural Vitamins
Natural Antioxidants
Natural Minerals
Nutritional Products
Alternative Therapies
Aroma Therapy
Homeopathic
Natural Medicines (Miscellaneous)

26. Missing

Missing Drugs and Missing Products

Social Support (4 DVs)

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

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

Empirical analyses indicated that emotional and informational support items should be scored together.

Source: Sherbourne, C.D. and A.L. Stewart, "The MOS Support Survey" (Medical Outcomes Study Social Support Survey), *Social Sciences & Medicine*; 32: 705 - 714

Temporary Reformats

Reformat	Explanation
If SSMB_02 <= 5 then SSMB_02 = (SSMB_02 - 1) If SSMB_03 <= 5 then SSMB_03 = (SSMB_03 - 1) If SSMB_04 <= 5 then SSMB_04 = (SSMB_04 - 1) If SSMB_05 <= 5 then SSMB_05 = (SSMB_05 - 1) If SSMB_06 <= 5 then SSMB_06 = (SSMB_06 - 1) If SSMB_07 <= 5 then SSMB_07 = (SSMB_07 - 1) If SSMB_08 <= 5 then SSMB_08 = (SSMB_08 - 1) If SSMB_09 <= 5 then SSMB_09 = (SSMB_09 - 1) If SSMB_10 <= 5 then SSMB_10 = (SSMB_10 - 1) If SSMB_11 <= 5 then SSMB_11 = (SSMB_11 - 1) If SSMB_12 <= 5 then SSMB_12 = (SSMB_12 - 1) If SSMB_13 <= 5 then SSMB_13 = (SSMB_13 - 1) If SSMB_14 <= 5 then SSMB_14 = (SSMB_14 - 1) If SSMB_15 <= 5 then SSMB_15 = (SSMB_15 - 1) If SSMB_16 <= 5 then SSMB_16 = (SSMB_16 - 1) If SSMB_17 <= 5 then SSMB_17 = (SSMB_17 - 1) If SSMB_18 <= 5 then SSMB_18 = (SSMB_18 - 1) If SSMB_19 <= 5 then SSMB_19 = (SSMB_19 - 1) If SSMB_20 <= 5 then SSMB_20 = (SSMB_20 - 1)	Rescale the answers from 1 to 5, to 0 to 4 for all questions with valid response categories. Where 0 refers to "none of the time" and a 4 refers to "all of the time".

1) Tangible Social Support – MOS Subscale

Variable name: SSMBDTNG

Based on: SSMB_02, SSMB_05, SSMB_12, SSMB_15

Description: This variable summarizes the tangible support that is available to the respondent. Questions about whether or not the respondent had someone to help if confined to bed, someone to take him/her to the doctor, someone to prepare meals or someone to do daily chores are included.

Value of SSMBDTNG	Condition(s)	Explanation
NS	(SSMB_02 = DK, R, NS) or (SSMB_05 = DK, R, NS) or (SSMB_12 = DK, R, NS) or (SSMB_15 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
SSMB_02 + SSMB_05 + SSMB_12 + SSMB_15 (min: 0; max: 16)	0 <= SSMB_02 <= 4 and 0 <= SSMB_05 <= 4 and 0 <= SSMB_12 <= 4 and 0 <= SSMB_15 <= 4	Amount of tangible support.

2) Affection – MOS Subscale

Variable name: SSMBDAFF

Based on: SSMB_06, SSMB_10, SSMB_20

Description: This variable summarizes whether or not the respondent receives any affection. Questions about whether or not the respondent has someone that shows him/her love, someone to hug or someone to love and someone to make him/her feel wanted are included.

Value of SSMBDAFF	Condition(s)	Explanation
NS	(SSMB_06 = DK, R, NS) or (SSMB_10 = DK, R, NS) or (SSMB_20 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
SSMB_06 + SSMB_10 + SSMB_20 (min: 0; max: 12)	0 <= SSMB_06 <= 4 and 0 <= SSMB_10 <= 4 and 0 <= SSMB_20 <= 4	Amount of affection support.

3) Positive Social Interaction – MOS Subscale

Variable name: SSMBDSOC

Based on: SSMB_07, SSMB_11, SSMB_14, SSMB_18

Description: This variable summarizes if the respondent is involved in positive social interaction. Questions about whether the respondent has someone to have a good time with, get together with for relaxation, do things with to get his/her mind off things, or someone to do something enjoyable with are included.

Value of SSMBDSOC	Condition(s)	Explanation
NS	(SSMB_07 = DK, R, NS) or (SSMB_11 = DK, R, NS) or (SSMB_14 = DK, R, NS) or (SSMB_18 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
SSMB_07 + SSMB_11 + SSMB_14 + SSMB_18 (min: 0; max: 16)	0 <= SSMB_07 <= 4 and 0 <= SSMB_11 <= 4 and 0 <= SSMB_14 <= 4 and 0 <= SSMB_18 <= 4	Amount of positive social interaction.

4) Emotional or Informational Support – MOS Subscale

Variable name: SSMBDEMO

Based on: SSMB_03, SSMB_04, SSMB_08, SSMB_09, SSMB_13, SSMB_16, SSMB_17, SSMB_19

Description: This variable summarizes if the respondent receives emotional or informational support. Questions about whether the respondent has someone to listen and advise in a crisis, someone to give information and confide in and talk to, or someone to understand problems are included.

Value of SSMBDEMO	Condition(s)	Explanation
NS	(SSMB_03 = DK, R, NS) or (SSMB_04 = DK, R, NS) or (SSMB_08 = DK, R, NS) or (SSMB_09 = DK, R, NS) or (SSMB_13 = DK, R, NS) or (SSMB_16 = DK, R, NS) or (SSMB_17 = DK, R, NS) or (SSMB_19 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.
SSMB_03 + SSMB_04 + SSMB_08 + SSMB_09 + SSMB_13 + SSMB_16 + SSMB_17 + SSMB_19 (min: 0; max: 32)	0 <= SSMB_03 <= 4 and 0 <= SSMB_04 <= 4 and 0 <= SSMB_08 <= 4 and 0 <= SSMB_09 <= 4 and 0 <= SSMB_13 <= 4 and 0 <= SSMB_16 <= 4 and 0 <= SSMB_17 <= 4 and 0 <= SSMB_19 <= 4	Higher values indicate more emotional or informational support.

Socio-Demographic Characteristics (4 DVs)

1) Country of Birth – Grouped

Variable name: SDCBGCBG

Based on: SDCBCCB

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

Technical Specifications: Coded automatically from SDCB_1 and "other specify" write-in answer using Reference file from the Census.

Value of SDCBGCBG	Condition(s)	Explanation
NS	(SDCBCCB = 000, DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.
1	$0 < \text{SDCBCCB} < 14$	Canada
2	$100 \leq \text{SDCBCCB} < 900$ or $\text{SDCBCCB} = 206$	Other

2) Immigration Flag

Variable name: SDCBFIMM

Based on: SDCB_3

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

Value of SDCBFIMM	Condition(s)	Explanation
2	$\text{SDCB}_3 = \text{NA}$	Respondent is not an immigrant.
1	$\text{SDCB}_3 < \text{NA}$	Respondent is an immigrant.
NS	($\text{SDCB}_3 = \text{DK, R, NS}$)	Respondent didn't answer (don't know, refusal, not stated) the question required for calculation.

3) Length of Time in Canada Since Immigration – Grouped

Variable name: SDCBGRES

Based on: SDCB_3, C_YEAR

Description: This variable gives the length of time the respondent's been in Canada since his/her immigration. Some values have been grouped as specified below.

Value of SDCBGRES	Condition(s)	Explanation
NA	$\text{SDCB}_3 = \text{NA}$	Respondent is not an immigrant.
NS	($\text{SDCB}_3 = \text{DK, R, NS}$)	Respondent didn't answer (don't know, refusal, not stated) the question required for calculation.
1	C_YEAR (Current Year) $0 \leq \text{SDCB}_3 < 10$	Valid response code.
2	C_YEAR (Current Year) $\text{SDCB}_3 \geq 10$ or more	Valid response code.

4) Language(s) in Which Respondent Can Converse – Grouped

Variable name: SDCBGLNG

Based on: SDCB_5A, SDCB_5B, SDCB_5C, SDCB_5D, SDCB_5E, SDCB_5F, SDCB_5G, SDCB_5H, SDCB_5I, SDCB_5J, SDCB_5K, SDCB_5L, SDCB_5M, SDCB_5N, SDCB_5O, SDCB_5P, SDCB_5Q, SDCB_5R, SDCB_5S, SDCB_5T, SDCB_5U, SDCB_5V, SDCB_5W

Description: This variable represents the language(s) in which the respondent can converse. In order to ensure individuals were not identifiable, records have been collapsed.

Value of SDCBGLNG	Condition(s)	Explanation
NS	(SDCB_5A = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) the question required for calculation.
1	(SDCB_5A = 1 and SDCB_5B > 1) and (SDCB_5C = 1 or SDCB_5D = 1 or SDCB_5E = 1 or SDCB_5F = 1 or SDCB_5G = 1 or SDCB_5H = 1 or SDCB_5I = 1 or SDCB_5J = 1 or SDCB_5K = 1 or SDCB_5L = 1 or SDCB_5M = 1 or SDCB_5N = 1 or SDCB_5O = 1 or SDCB_5P = 1 or SDCB_5Q = 1 or SDCB_5R = 1 or SDCB_5S = 1 or SDCB_5T = 1 or SDCB_5U = 1 or SDCB_5V = 1 or SDCB_5W = 1)	English (with or without language other than French)
2	SDCB_5A > 1 and SDCB_5B = 1) and (SDCB_5C = 1 or SDCB_5D = 1 or SDCB_5E = 1 or SDCB_5F = 1 or SDCB_5G = 1 or SDCB_5H = 1 or SDCB_5I = 1 or SDCB_5J = 1 or SDCB_5K = 1 or SDCB_5L = 1 or SDCB_5M = 1 or SDCB_5N = 1 or SDCB_5O = 1 or SDCB_5P = 1 or SDCB_5Q = 1 or SDCB_5R = 1 or SDCB_5S = 1 or SDCB_5T = 1 or SDCB_5U = 1 or SDCB_5V = 1 or SDCB_5W = 1)	French (with or without language other than English)
3	(SDCB_5A = 1 and SDCB_5B = 1) and (SDCB_5C = 1 or SDCB_5D = 1 or	English & French (With or without other language)

	SDCB_5E = 1 or SDCB_5F = 1 or SDCB_5G = 1 or SDCB_5H = 1 or SDCB_5I = 1 or SDCB_5J = 1 or SDCB_5K = 1 or SDCB_5L = 1 or SDCB_5M = 1 or SDCB_5N = 1 or SDCB_5O = 1 or SDCB_5P = 1 or SDCB_5Q = 1 or SDCB_5R = 1 or SDCB_5S = 1 or SDCB_5T = 1 or SDCB_5U = 1 or SDCB_5V = 1 or SDCB_5W = 1	
4	(SDCB_5A > 1 and SDCB_5B > 1) and (SDCB_5C = 1 or SDCB_5D = 1 or SDCB_5E = 1 or SDCB_5F = 1 or SDCB_5G = 1 or SDCB_5H = 1 or SDCB_5I = 1 or SDCB_5J = 1 or SDCB_5K = 1 or SDCB_5L = 1 or SDCB_5M = 1 or SDCB_5N = 1 or SDCB_5O = 1 or SDCB_5P = 1 or SDCB_5Q = 1 or SDCB_5R = 1 or SDCB_5S = 1 or SDCB_5T = 1 or SDCB_5U = 1 or SDCB_5V = 1 or SDCB_5W = 1)	Neither English nor French (Other)

Labour Force (8 DVs)

1) Working Status Last Week (Short Form)

Variable name: LBFBDWSS

Based on: LBFB_01, LBFB_02

Description: This variable classifies the respondent based on his/her working status in the week prior to the interview.

Value of LBFBDWSS	Condition(s)	Explanation
NA	LBFB_01 = NA	Population exclusions – Age < 15 or age > 75.
1	LBFB_01 = 1	Respondent worked at a job or business.
2	LBFB_02 = 1	Respondent had a job but did not work (absent).
3	LBFB_02 = 2	Respondent did not have a job.
4	LBFB_01 = 3	Respondent was permanently unable to work.
NS	(LBFB_02 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) the question required for calculation.

2) Working Status Last Week (Long Form)

Variable name: LBFBDWSL

Based on: LBFB_01, LBFB_11, LBFB_41

Description: This variable classifies the respondent based on his/her working status in the week prior to the interview and also includes grouping for reasons of not working.

Value of LBFBDWSL	Condition(s)	Explanation
NA	LBFB_01 = NA	Population exclusions – Age < 15 or age > 75.
1	LBFB_01 = 1	Respondent worked at a job or business.
2	(LBFB_41 = 8, 9, 10, 12, 13)	Respondent had a job – on temporary or seasonal layoff.
3	0 < LBFB_41 < 8 or LBFB_41 = 11 or 13 < LBFB_41 < NA	Respondent had a job – absent for some other reason.
4	LBFB_11 = 1	Respondent did not have a job – looked for work over past 4 weeks.
5	LBFB_11 = 2	Respondent did not have a job – did not look for work over past 4 weeks.
6	LBFB_01 = 3	Respondent permanently unable to work.
NS	(LBFB_11 = DK, R, NS) or (LBFB_41 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

3) Main Reason for Not Working Last Week – Grouped

Variable name: LBFBGRNW

Based on: LBFB_01, LBFB_11, LBFB_13, LBFB_41

Description: This variable indicates the main reason why the respondent did not work in the week prior to the interview.

In order to ensure individuals were not identifiable, records have been collapsed into groups. See table below:

Value of LBFBGRNW	Condition(s)	Explanation
NA	LBFB_01 = NA	Population exclusions – Age < 15 or age > 75.
NA	LBFB_01 = 1	Respondent was working.
1	LBFB_01 = 3 or LBFB_13 = 1 or LBFB_41 = 1	Permanently unable to work, own illness or disability.
2	LBFB_13 = 2 or LBFB_41 = 2 or LBFB_13 = 3 or LBFB_41 = 3 or LBFB_13 = 4 or LBFB_41 = 4	Family responsibilities
3	LBFB_13 = 7 LBFB_41 = 14	School or educational leave
4	LBFB_41 = 7 or LBFB_41 = 8 or LBFB_41 = 9 or LBFB_41 = 10 or LBFB_41 = 12 or LBFB_41 = 13 or	Labour dispute/layoff
5	LBFB_13 = 8	Retired
6	LBFB_11 = 1	Looking for work
7	LBFB_13 = 5 or LBFB_41 = 5 or LBFB_13 = 6 or LBFB_41 = 6 or LBFB_13 = 9 or LBFB_41 = 11 or LBFB_13 = 10 or LBFB_41 = 15	Other reasons
NS	(LBFB_11 = DK, R or NS) or (LBFB_13 = DK, R or NS) or (LBFB_41 = DK, R or NS)	Respondent did not answer the questions required for the variable

4) Multiple Job Status

Variable name: LBFBDMJS

Based on: LBFB_01, LBFB_03, LBFB_21, LBFB_23, LBFB_51

Description: This variable classifies the respondent based on whether or not they had multiple jobs in the past year and if they still do.

Value of LBFBDMJS	Condition(s)	Explanation
NA	LBFB_01 = NA	Population exclusions – Age < 15 or age > 75.
1	LBFB_51 = 52	Currently has multiple jobs – had them all past year.
2	LBFB_03 = 1 and LBFB_51 < 52	Currently has multiple jobs – did not have them all past year.

3	LBFB_03 = 2	Currently has only one job.
4	LBFB_23 = 1	Currently does not have a job – held multiple jobs over past year.
5	LBFB_23 = 2 or LBFB_21 = 2	Currently does not have a job – did not hold multiple jobs over the year.
NS	(LBFB_03 = DK, R, NS) or (LBFB_21 = DK, R, NS) or (LBFB_23 = DK, R, NS) or (LBFB_51 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

5) Self-employment status - main job or business - Grouped

Variable name: LBFBG31

Based on: LBFB_01, LBFB_31

Description: The following variable determines the self-employment status of the respondent.

Value of LBFBG31	Condition(s)	Explanation
1	LBFB_31 = 1	Respondent is an employee
2	LBFB_31 = 2	Respondent is self-employed
NS	(LBFB_31 = 3) or (LBFB_31 = DK, R or NS)	Not stated or working in a family business without pay
NA	LBFB_31 = NA	Not applicable

6) Total Usual Hours Worked Per Week

Variable name: LBFB DHPW

Based on: LBFB_01, LBFB_42, LBFB_53

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

Value of LBFB DHPW	Condition(s)	Explanation
NA	LBFB_01 = NA	Population exclusions – Age < 15 or age > 75.
NA	LBFB_42 = NA	Respondent did not work in past year.
LBFB_42	LBFB_42 < NA and LBFB_53 = NA	Number of hours usually worked for respondents with one job.
LBFB_42 + LBFB_53	LBFB_42 < NA and LBFB_53 < NA	Number of total hours usually worked for respondents with more than one job.
NS	(LBFB_42 = DK, R, NS) or (LBFB_53 = DK, R, NS)	Respondent did not answer (don't know, refusal, not stated) at least one question required for calculation.

7) Full-Time / Part-Time Working Status (for Total Usual Hours)

Variable name: LBFB DPFT

Based on: LBFB DHPW

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

Value of LBFB DPFT	Condition(s)	Explanation
NA	LBFB DHPW = NA	Population exclusions – Age < 15 or age > 75 or non-worker.

NS	LBFB_DHPW = NS	Respondent has a non-response (not stated) value in the derived variable required for calculation.
1	LBFB_DHPW \geq 30	Full-time
2	LBFB_DHPW < 30	Part-time

8) Job Status Over Past Year – Grouped

Variable name: LBFBGJST

Based on: LBFB_01, LBFB_11, LBFB_22, LBFB_61, LBFB_71, LBFB_21

Description: This variable indicates the respondent's job status over the past year.

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of LBFBGJST	Condition(s)	Explanation
NA	LBFB_01 = NA	Population exclusions – Age < 15 or age > 75.
1	LBFB_61 = 52 or [(LBFB_61 + LBFB_71) < 52 and (LBFB_71 > 0 and < 52) and (LBFB_61 < 52)]	Respondent has had a job throughout past year
2	LBFB_71 = 52 or LBFB_22 = 2	Respondent was without a job and either looking or not looking for work throughout the past year
3	[(LBFB_61 + LBFB_71) = 52 and (LBFB_71 > 0 and < 52) and (LBFB_61 < 52)] or [LBFB_61 < 52 and LBFB_71 = 0]	Respondent has had a job part of the year – was without a job and either looking or not looking for other part of the year
4	LBFB_71 < 52 and LBFB_21 = 2 and (LBFB_11 = 1 or LBFB_22 = 1)	Other

Work Stress (6 DVs)

The work stress items are sub-divided into six dimensions. As is the case for the overall index, answers to the items indicate a respondent's perception about various dimensions of his/her work. The name of each subscale reflects the dimension which is measured. Respondents between the age of 15 and 75 who worked at a job or business at anytime in the past 12 months were asked to evaluate their main job in the past 12 months. The 12-item index, based on a larger pool of items from Karasek, reflects a respondent's perceptions about various dimensions of his/her work including job security, social support, monotony, physical effort required, and extent of participation in decision-making. Higher scores indicate greater work stress.

References: Schwartz J, Pieper C, Karasek RA. "A procedure for linking psychosocial job characteristics data to health surveys". American Journal of Public Health 1988; 78: 904-9.

Karasek R, Theorell T. *Healthy Work: Stress, Productivity and the Reconstruction of Working Life*. New York: Basic Books, Inc. 1990.)

Temporary Reformat

Reformat	Explanation
If WSTB_401 <= 5 then WSTB_401 = (WSTB_401 - 1) If WSTB_402 <= 5 then WSTB_402 = (WSTB_402 - 1) If WSTB_403 <= 5 then WSTB_403 = (WSTB_403 - 1) If WSTB_404 <= 5 then WSTB_404 = (WSTB_404 - 1) If WSTB_405 <= 5 then WSTB_405 = (WSTB_405 - 1) If WSTB_406 <= 5 then WSTB_406 = (WSTB_406 - 1) If WSTB_407 <= 5 then WSTB_407 = (WSTB_407 - 1) If WSTB_408 <= 5 then WSTB_408 = (WSTB_408 - 1) If WSTB_409 <= 5 then WSTB_409 = (WSTB_409 - 1) If WSTB_410 <= 5 then WSTB_410 = (WSTB_410 - 1) If WSTB_411 <= 5 then WSTB_411 = (WSTB_411 - 1) If WSTB_412 <= 5 then WSTB_412 = (WSTB_412 - 1)	Rescale the answers for questions WSTB_401 to WSTB_412 from 1 - 5 to 0 - 4 for all questions with valid response categories.
If WSTB_404 <= 5 then WSTB_404 = (5 - WSTB_404) If WSTB_405 <= 5 then WSTB_405 = (5 - WSTB_405) If WSTB_408 <= 5 then WSTB_408 = (5 - WSTB_408) If WSTB_410 <= 5 then WSTB_410 = (5 - WSTB_410)	Invert scale of rescaled questions WSTB_404, WSTB_405, WSTB_408, WSTB_410 where these questions have valid response categories (i.e., response codes from 0 to 4).

1) Derived Work Stress Scale - Decision Latitude: Skill Discretion (Skill Requirements)

Variable name: WSTBDSKI

Based on: WSTB_401, WSTB_402, WSTB_404

Description: This variable summarizes the respondent's task variety at main work in the past 12 months. Questions are asked about whether the respondent was required to keep learning new things, whether his/her job required a high level of skill and whether the job required that the respondent do things over and over.

Value of WSTBDSKI	Condition(s)	Explanation
NA	WSTB_401 = NA	Population exclusions – Age < 15 or age > 75; and (GENB_08 <> 1 and LBFB_21<>1)
NS	(WSTB_401 = DK, R, NS) or (WSTB_402 = DK, R, NS) or (WSTB_404 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.
WSTB_401 + WSTB_402 + WSTB_404 (min: 0; max: 12)	0 <= WSTB_401 <= 4 and 0 <= WSTB_402 <= 4 and 0 <= WSTB_404 <= 4	Score on Decision Latitude: Skill Discretion subscale.

2) Derived Work Stress Scale - Decision Latitude: Decision Authority

Variable name: WSTBDAUT

Based on: WSTB_401, WSTB_403, WSTB_409

Description: This variable summarizes the questions asked about whether the respondent's main job in the past 12 months allowed them freedom on how to do job and if had a lot of say about what happened on job.

Value of WSTBDAUT	Condition(s)	Explanation
NA	WSTB_401 = NA	Population exclusions – Age < 15 or age > 75; and (GENB_08 <> 1 and LBFB_21<>1)
NS	(WSTB_403 = DK, R, NS) or (WSTB_409 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.
WSTB_403 + WSTB_409 (min: 0; max: 8)	0 <= WSTB_403 <= 4 and 0 <= WSTB_409 <= 4	Score on Decision Latitude: Decision Authority subscale.

3) Derived Work Stress Scale - Psychological Demands

Variable name: WSTBDPSY

Based on: WSTB_401, WSTB_405, WSTB_406

Description: This variable summarizes the psychological demands of the job if the respondent free from conflicting demands that others make and if the main job in the past 12 months was very hectic.

Value of WSTBDPSY	Condition(s)	Explanation
NA	WSTB_401 = NA	Population exclusions – Age < 15 or age > 75; and (GENB_08 <> 1 and LBFB_21<>1)
NS	(WSTB_405 = DK, R, NS) or (WSTB_406 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.
WSTB_405 + WSTB_406 (min: 0; max: 8)	0 <= WSTB_405 <= 4 and 0 <= WSTB_406 <= 4	Score on Psychological Demands subscale.

4) Derived Work Stress Scale - Job Insecurity

Variable name: WSTBDJIN

Based on: WSTB_401, WSTB_407

Description: This variable indicates if the respondent feels that their main job's security was good.

Value of WSTBDJIN	Condition(s)	Explanation
NA	WSTB_401 = NA	Population exclusions – Age < 15 or age > 75; and (GENB_08 <> 1 and LBFB_21<>1)
NS	(WSTB_407 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) the question required for calculation.
WSTB_407 (min: 0 ; max: 4)	0 <= WSTB_407 <= 4	Score on Job Insecurity subscale.

5) Derived Work Stress Scale - Physical Exertion

Variable name: WSTBDPHY

Based on: WSTB_401, WSTB_408

Description: This variable indicates whether the main job in the past 12 months required a lot of physical effort.

Value of WSTBDPHY	Condition(s)	Explanation
NA	WSTB_401 = NA	Population exclusions – Age < 15 or age > 75; and (GENB_08 <> 1 and LBFB_21<>1)
NS	(WSTB_408 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) the question required for calculation.
WSTB_408 (min: 0; max: 4)	0 <= WSTB_408 <= 4	Score on Physical Exertion subscale.

6) Derived Work Stress Scale - Social Support

Variable name: WSTBDSOC

Based on: WSTB_401, WSTB_410, WSTB_411, WSTB_412

Description: This variable summarizes the social support available to the respondent at his/her main job in the past 12 months. Questions are asked about whether or not the supervisor and the people the respondent worked with were helpful in getting the job done, and whether the respondent was exposed to hostility or conflict from the people they worked with.

Value of WSTBDSOC	Condition(s)	Explanation
NA	WSTB_401 = NA	Population exclusions – Age < 15 or age > 75; and (GENB_08 <> 1 and LBFB_21<>1)
NS	(WSTB_410 = DK, R, NS) or (WSTB_411 = DK, R, NS) or (WSTB_412 = DK, R, NS)	Respondent did not answer (don't know, refusal, not specified) at least one question required for calculation.
WSTB_410 + WSTB_411 + WSTB_412 (min: 0; max: 12)	0 <= WSTB_410 <= 4 and 0 <= WSTB_411 <= 4 and 0 <= WSTB_412 <= 4	Score on Social Support subscale.

Income (6 DVs)

1) Total Household Income - Main Source - Grouped

Variable name: INCBG2

Based on: INCB_2

Description: The following variable groups the sources of total household income into 4 categories.

Value of INCBG2	Condition(s)	Explanation
1	INCB_2 = 1, 2	Wages/salaries or self-employment
2	INCB_2 = 4, 5, 10	Employment insurance or worker's compensation or social assistance
3	INCB_2 = 6, 7, 8	Canada or Quebec pension or retirement pensions or old age security/GIS
4	INCB_2 = 3, 9, 11, 12, 13, 14	Dividends/interest or child tax benefit or child support or alimony or other or none
NS	INCB_2 = DK, R or NS	Respondent didn't answer (don't know, refusal, not stated)

2) Total Household Income, 2 Categories

Variable name: INCBDA2

Based on: DHHBDHSZ, INCB_3A, INCB_3B, INCB_3C, INCB_3D, INCB_3E, INCB_3F

Description: This variable classifies the total household income into 2 categories based on total household income and the number of people living in the household.

Value of INCBDA2	Condition(s)	Description
NS	(INCB_3A = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) any income questions.
1	(DHHBDHSZ = 1, 2) and [INCB_3A = 3 or INCB_3B = 1 or INCB_3D = 1] or (DHHBDHSZ = 3, 4) and (INCB_3A = 1, 3) or DHHBDHSZ >= 5 and [(INCB_3A = 1, 3) or INCB_3F = 1]	Low income < \$15,000 if 1 or 2 people; < \$20,000 if 3 or 4 people; < \$30,000 if 5+ people
2	(DHHBDHSZ = 1, 2) and [INCB_3A = 2 or INCB_3D = 2] or (DHHBDHSZ = 3, 4) and INCB_3A = 2 or DHHBDHSZ >= 5 and [INCB_3E = 2 or INCB_3F = 2]	Middle or High Income >= \$15,000 if 1 or 2 people; >= \$20,000 if 3 or 4 people; >= \$30,000 if 5+ people
NS	Else	Respondent didn't give enough information to be classified.

3) Total Household Income, 4 Categories

Variable name: INCBDA4

Based on: DHHBDHSZ, INCB_3A, INCB_3B, INCB_3C, INCB_3D, INCB_3E, INCB_3F, INCB_3G

Description: This variable classifies the total household income into 4 categories based on total household income and the number of people living in the household.

Value of INCBDA4	Condition(s)	Description
NS	(INCB_3A = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) any income questions.
1	(DHHBDHSZ = 1, 2) and [INCB_3A = 3 or INCB_3B = 1 or INCB_3D = 1] or (DHHBDHSZ = 3, 4) and (INCB_3A = 1, 3) or DHHBDHSZ >= 5 and [(INCB_3A = 1, 3) or INCB_3F = 1]	Lowest income < \$15,000 if 1 or 2 people; < \$20,000 if 3 or 4 people; < \$30,000 if 5+ people
2	(DHHBDHSZ = 1, 2) and [INCB_3D = 2 or INCB_3F = 1] or (DHHBDHSZ = 3, 4) and (INCB_3E = 1) or DHHBDHSZ >= 5 and [INCB_3F = 2 or (INCB_3G = 1, 2)]	Lower middle income \$15,000 to \$29,999 if 1 or 2; \$20,000 to \$39,999 if 3 or 4; \$30,000 to \$59,999 if 5+
3	(DHHBDHSZ = 1, 2) and [INCB_3F = 2 or INCB_3G = 1, 2] or (DHHBDHSZ = 3, 4) and (INCB_3G = 1, 2, 3) or DHHBDHSZ >= 5 and INCB_3G = 3	Upper middle income \$30,000 to \$59,999 if 1 or 2; \$40,000 to \$79,999 if 3 or 4; \$60,000 to \$79,999 if 5+
4	(DHHBDHSZ = 1, 2) and (INCB_3G = 3, 4) or DHHBDHSZ >= 3 and INCB_3G = 4	Highest Income > \$60,000 if 1 or 2; > \$80,000 if 3+
NS	Else	Respondent didn't give enough information to be classified.

4) Total Household Income, 5 Categories

Variable name: INCB DIA5

Based on: DHHBDHSZ, INCB_3A, INCB_3B, INCB_3C, INCB_3D, INCB_3E, INCB_3F, INCB_3G

Description: This variable classifies the total household income into 5 categories based on total household income and the number of people living in the household.

Value of INCB DIA5	Condition(s)	Description
NS	(INCB_3A = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) any income questions.
1	DHHBDHSZ < 5 and [INCB_3A = 3 or INCB_3B = 1] or DHHBDHSZ >= 5 and [INCB_3A = 3 or INCB_3B = 1 or INCB_3D = 1]	Lowest Income < \$10,000 if 1 to 4 people; < \$15,000 if 5+ people
2	(DHHBDHSZ = 1, 2) and INCB_3D = 1 or (DHHBDHSZ = 3, 4) and INCB_3B = 2 or DHHBDHSZ >= 5 and [INCB_3D = 2 or INCB_3F = 1]	Lower Middle Income \$10,000 to \$14,999 if 1 or 2; \$10,000 to \$19,999 if 3 or 4; \$15,000 to \$29,999 if 5+
3	(DHHBDHSZ = 1, 2) and [INCB_3D = 2 or INCB_3F = 1] or (DHHBDHSZ = 3, 4) and INCB_3E = 1 or DHHBDHSZ >= 5 and [INCB_3F = 2 or (INCB_3G = 1, 2)]	Middle Income \$15,000 to \$29,999 if 1 or 2; \$20,000 to \$39,999 if 3 or 4; \$30,000 to \$59,999 if 5+
4	(DHHBDHSZ = 1, 2) and [INCB_3F = 2 or (INCB_3G = 1, 2)] or (DHHBDHSZ = 3, 4) and (INCB_3G = 1, 2, 3) or DHHBDHSZ >= 5 and INCB_3G = 3	Upper Middle Income \$30,000 to \$59,999 if 1 or 2; \$40,000 to \$79,999 if 3 or 4; \$60,000 to \$79,999 if 5+
5	(DHHBDHSZ = 1, 2) and (INCB_3G = 3, 4) or DHHBDHSZ >= 3 and INCB_3G = 4	Highest Income > \$60,000 if 1 or 2; > \$80,000 if 3+
NS	Else	Respondent didn't give enough information to be classified.

5) Total Household Income, All Sources – Grouped

Variable name: INCBGHH

Based on: INCB_3A, INCB_3B, INCB_3C, INCB_3D, INCB_3E, INCB_3F, INCB_3G

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

In order to ensure individuals were not identifiable, records have been collapsed into groups. See data dictionary.

Value of INCBGHH	Condition(s)	Description
NS	(INCB_3A = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) any income questions.
1	INCB_3A = 3	No income
2	INCB_3C = 1 or 2, or INCB_3D = 1	Less than \$15,000
3	INCB_3D = 2 or INCB_3F = 1	\$15,000 TO \$29,999
4	INCB_3F = 2 or INCB_3G = 1	\$30,000 TO \$49,999
5	INCB_3G = 2 or INCB_3G = 3	\$50,000 TO \$79,999
6	INCB_3G = 4	\$80,000 +
NS	Else	Respondent didn't give enough information to be classified.

6) Personal Income, All Sources – Grouped

Variable name: INCBGPER

Based on: DHHB_AGE, INCB_4A, INCB_4B, INCB_4C, INCB_4D, INCB_4E, INCB_4F, INCB_4G

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

In order to ensure individuals were not identifiable, records have been collapsed into groups.

Value of INCBGPER	Condition(s)	Description
NA	DHHB_AGE < 15	Population exclusion – Age < 15
NS	(INCB_4A = DK, R, NS)	Respondent didn't answer (don't know, refusal, not stated) any income questions.
1	(INCB_4A = 3, NA)	No income
2	INCB_4C = 1 or 2, or INCB_4D = 1	Less than \$15,000
3	INCB_4D = 2 or INCB_4F = 1	\$15,000 TO \$29,999
4	INCB_4F = 2 or INCB_4G = 1	\$30,000 TO \$49,999
5	INCB_4G = 2 or INCB_4G = 3	\$50,000 TO \$79,999
6	INCB_4G = 4	\$80,000 +
NS	Else	Respondent didn't give enough information to be classified.