



**Codebook – Master dataset**

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# Included variables/measures: overview

This section provides an overview of the variables explored in the questionnaires and details such as the particular scales/measured used to investigate each. They are generally listed in the order they appear within the questionnaires. For details of adaptions of scales/measures, see the breakdown sections later in this doc.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Scale/Measure name** | **Source** | **Adapted from source?** | **No. of items** | **Appears in Questionnaire CA** | **Appears in Questionnaire SA** |
| Race | Original | (Government of Canada, 2017) | Y | 2 | T1 | T1, T2 |
| Sex | Original | N/A | N/A | 1 | T1 | T1, T2 |
| Sexuality | Original | (The Fenway Institute, 2017) | Y | 1 | T1 | - |
| Age | Original | N/A | N/A | 1 | T1 | T1, T2\*\* |
| Languages | Original | N/A | N/A | 2 | T1 | T1, T2 |
| Household status/income | Original | N/A | N/A | 2 | T1, T2\*\* | T1, T1A\*\*, T2 |
| Housing | Original | N/A | N/A | 7 | - | T1, T2 |
| Drayton Valley | Original | N/A | N/A | 3 | T1, T2\*\* | - |
| Education | Original | N/A | N/A | **CA: 5**  **SA: 10** | T1, T1A\*\*, T2 | T1, T1A\*\*, T2 |
| Work/free time status (spending time) | Original | N/A | N/A | 1 | T1, T1A, T2 | T1, T1A, T2 |
| Perception of community places | Original | N/A | N/A | 2 | T1 | T1, T1A, T2 |
| Parents (education, living status, employment) | Original | N/A | N/A | 10 | T1, T2\*\* | T1, T2 |
| Oil & gas employment | Original | N/A | N/A | 2 | T1, T2 | - |
| Club involvement | Original | N/A | N/A | 2 | T1A | - |
| Moved since first survey | Original | N/A | N/A | 1 | T2 | - |
| Getting around/transport | Original | N/A | N/A | 1 | T2 | - |
| Leisure time | Original | N/A | N/A | 1 | T2 | - |
| Employment | Original | N/A | N/A | 1 | - | T2 |
| Post-traumatic stress | Child Post-Traumatic Stress Reaction Index | (Frederick et al., 1992; Pynoos et al., 1987; Ruchkin et al., 2004) | Y | 20 | T1, T1A, T2 | T1, T1A, T2 |
| Most upsetting/ frightening event | Add-on to Child Post-Traumatic Stress Reaction Index | (Frederick et al., 1992; Pynoos et al., 1987; Ruchkin et al., 2004) | Y | 3 | - | T1, T1A, T2 |
| Trauma impairment | Impairment Associated with the Traumatic Symptoms Scale | (Ruchkin et al., 2004) | Y | 3 | T1, T1A | T1, T1A, T2 |
| General health (physical, role, social, perceptions, pain) | Short Form Health Survey | (SF-20; Ware et al., 1992) | N | 15 | T1, T1A, T2 | T1, T2 |
| Community victimisation | Victimisation by Community subscale of Exposure to Violence scale | (Richters & Martinez, 1993; Ruchkin et al., 2004) | N | **CA: 4**  **SA: 7** | T1, T2 | T1, T2 |
| Family adversity | Family Adversity Scale | (Labella et al., 2017) | Y | **CA: 9**  **SA: 10** | T1, T2 | T1, T2 |
| Perception of Neighbourhood | Perception of Neighbourhood scale | (Ruchkin et al., 2004) | Y | **8 basic items + country-specific items** | T1 (10 items), T2 (10 items) | T1 (10 items), T1A (13 items), T2 (13 items) |
| Resilience | Child and Youth Resilience Measure (CYRM-28) | (CYRM-28 Ungar & Liebenberg, 2011) | Y | **CA: 29**  **SA: 28 & 12** | T1, T1A, T2 | T1, T1A (12 items), T2 |
| Protective childhood experiences | Benevolent Childhood Experiences scale | (Narayan et al., 2015) | Y | 10 | T1, T2 | T1, T1A, T2 |
| Sensitivity | Sensitivity Scale (very short version) | (Pluess, personal communication) | N | 6 | T1 | T1, T2 |
| Parental-caregiver supervision | Parenting Scale | (Ruchkin et al., 2004) | Y | 4  **one item was not assessed (forgotten) at T2** | - | T1, T1A, T2 (3 items) |
| Parental-caregiver warmth | Parenting Scale | (Ruchkin et al., 2004) | Y | 3 | - | T1, T1A, T2 |
| Work-job Satisfaction | General Satisfaction Scale | (Cammann, Fichman, Jenkins, & Klesh, 1979, 1983) | N | 3 | - | T1, T2 |
| School engagement | School Engagement Scale | (Lam et al., 2014) | Y | **CA: 32**  **SA: 33 & 32**  **SA: one item was not assessed (forgotten) at T2** | T1, T2 | T1, T2 (32 items) |
| Peer support | Peer Support Scale (short) | (Armsden & Greenberg, 1987; Lerner et al., 2005) | N | 4 | T1, T1A, T2 | T1, T1A, T2 |
| Delinquency | Enactment of violence | (Geldhof et al., 2014) | Y | 6 | T1, T2 | T1, T2 |
| Depression | Beck Depression Inventory (BDI-II) | (Beck et al., 1996) | Y | 21 | T1, T1A, T2 | T1, T1A, T2 |
| Work engagement | Work and Wellbeing Survey | (Schaufeli et al., 2006; Schaufeli & Bakker, 2004) | N | 9 | T1, T2 | T1, T2 |
| Substance abuse | ? | (Geldhof et al., 2014) | Y | 7 | T1, T2 | - |
| Risky sexual behaviour | Original | N/A | N/A | 1 | T1, T2 | - |
| Stress | Perceived Stress Scale | (Cohen et al., 1983) | N | 10 | T2 | - |
| Coping | Brief COPE | (Carver, 1997) | N | 28 | T2 | - |
| Device use/screen time | Screen time questionnaire | (Vizcaino et al., 2019) | Y | 4 | T2 | - |
| Use of social media | Original | N/A | N/A | 5 | T1, T2 | - |
| Getting news about DV | Original | N/A | N/A | 1 | T1, T2 | - |
| Financial Skills | Original | N/A | N/A | 4 | T2 | - |
| Financial knowledge | Original | N/A | N/A | 5 | T2 | - |
| (Hair sample questions) | From the SA lab | N/A | N/A | 10 | T1\*, T2\*,\*\* | T1\*, T2\*,\*\* |

\* Only if participants wanted to give hair sample

\*\*Some adaptations made since T1

# General information about the dataset (READ!)

## Waves

T1 = First wave in 2018 for Canada and South Africa (eMbalenhle, Secunda), first wave in 2020 for South Africa (Zamdela). *N*CA = 500, *N*SA(eMba, Secunda) = 600

T1a = Mini survey in 2019 for Canada and South Africa (eMbalenhle, Secunda). T1a is a brief version of T1. The items contained within it are mostly identical to those in T1. *N*CA = 294, *N*SA(eMba, Secunda) = 327

T2 = Second wave in 2020 for Canada and South Africa (eMbalenhle, Secunda). *N*CA = 306,

*N*SA(eMba, Secunda) = 349

## Country-specific scales and items

Two types:

* Entire scales that have only been used in one country start with:
  + T1\_CA\_: Scale only used in Canada
  + T1\_SA\_: Scale only used in South Africa
* Country-specific items that have been added to a basic scale that has been used in all countries have a specific ending that indicates where this question was asked:
  + \_CA\_A: Item only used in Canada
  + \_SA\_A: Item only used in South Africa

Similar for scale scores:

* Scores of scales that can only be computed for one country (because an entire scale has been administered only in this country) start with:
  + T1\_CA\_: Scale only used in Canada
  + T1\_SA\_: Scale only used in South Africa
* Scores of scales for a country where the basic items and country-specific items where assessed end with:
  + \_CA: adapted scale specific to Canada
  + \_SA: adapted scale specific to South Africa
* **-> Hence, multiple sum-scores are computed for some scales to have comparable scores across countries and/or assessments: CYRM, SES, FAS, VbC, PoNS, PCSuper**

Coding:

The response options differed sometimes between the countries. If there have been differences, the first row is the Canadian version and the second is the South African version.

## Calculating scale scores

The descriptions of the applied scales are given only once when they appear the first time in the codebook (thus, most descriptions can be found within T1).

All scale scores are sum scores. There are scales where items need to be reverse coded.

See Syntax file for recoding, calculations and data cleaning.

## Abbreviations

* BCE = Benevolent Childhood Experiences Scale
* BCOPE: Brief Cope
* BDI = Beck Depression Inventory II
* CA = Canada
* Cort = Cortisol
* CPTS = Child Post-Traumatic Stress - Reaction Index
* CYRM28 = Child & Youth Resilience Measure 28
* CYRM28\_I = CYRM-28 individual subscale
* CYRM28\_R = CYRM-28 relational subscale
* CYRM28\_C = CYRM-28 contextual subscale
* DHEA = Dehydroepiandrosterone
* DS = Delinquency Scale
* DV = Drayton Valley
* Edu = Education
* FAS = Family Adversity Scale
* IATSS = Impairment Associated with the Traumatic Symptoms Scale
* JS = Job Satisfaction Scale
* PCSuper = Parenting Scale: Parental-caregiver supervision subscale
* PCWarm = Parenting Scale: Parental-caregiver warmth subscale
* PeerSupp = Peer Support Scale
* PoNS = Perception of Neighborhood Scale
* PSS = Perceived Stress Scale
* RB = Risky Behaviors Scale
* SA = South Africa
* SES = School Engagement Scale
* SES\_affective = School engagement affective engagement subscale
* SES\_behavioural = School engagement behavioural engagement subscale
* SES\_cognitive = School engagement cognitive engagement subscale
* SF\_15 = Short-Form Health Survey – 15 items
* SF\_15\_physical = SF-15 physical functioning subscale
* SF\_15\_role = SF-15 role functioning subscale
* SF\_15\_social = SF-15 social functioning subscale
* SF\_15\_perceptions = SF-15 current health perceptions subscale
* SF\_15\_pain = SF-15 pain subscale
* SM = Social Media
* SS = Sensitivity Scale
* SUS = Substance use scale
* V = Variance
* VbC = Victimization by Community Scale
* WES = Work Engagement Scale
* WES\_vigour = Work engagement vigour subscale
* WES\_dedication = Work engagement dedication subscale
* WES\_absorption = Work engagement absorption subscale

# **Coding: IDs, assessments, research sites**

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| Master\_ID | IDs for master dataset across countries |  |
| ParticipantID\_CA | Original ID of participants from CA |  |
| ParticipantID\_SA | Original ID of participants from SA eMbalenhle & Secunda |  |
| ParticipantID\_SA\_Z | Original ID of participants from SA Zamdela |  |
| Assessments | At which assessments a person participated | 0 = T1 (2018)  1 = T1 (2018) and T1a (2019)  2 = T1 (2018) and T2 (2020)  3 = T1 (2018), T1a (2019), and T2 (2020)  4 = T1 (2020) |
| Country |  | 1 = Canada  2 = South Africa |
| Site |  | 1 = Drayton Valley  2 = eMbalenhle  3 = Secunda  4 = Zamdela |

# **Coding: T1**

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| T1\_Date | When survey was completed | Date |

## Socio-demographics/-economics

|  |  |  |
| --- | --- | --- |
| Race, sex, age, language | | |
| T1\_Race | What race do you identify with? | 1 = Indigenous (e.g., First Nations, Inuit, Métis)  2 = South Asian (e.g., East Indian, Pakistani, Punjabi, Sri Lankan)  3 = Southeast Asian (e.g., Cambodian, Indonesian, Laotian, Vietnamese)  4 = Middle Eastern (e.g., Armenian, Egyptian, Iranian, Lebanese)  5 = Black (e.g., African, Caribbean)  6 = White  7 = Filipino  8 = Latin American (e.g., Mexican, South American, Central American)  9 = Asian (e.g., Chinese, Korean, Japanese)  10 = Coloured  11 = Indian  12 = Other (please specify…)  13 = Mixed race (please list all groups that apply): |
| T1\_Race\_other | 12 = Other (please specify…) | open ended question (string) |
| T1\_Race\_mixed\_**CA**\_A1 | 13 = Mixed race | open ended question (string) |
| T1\_Sex | CA: What is your sex?  SA: What is your gender? | 1 = Female  2 = Male  3 = Other – Trans male  4 = Other – Trans female  5 = Other |
| T1\_Sexuality\_**CA**\_A1 | Do you think of yourself as: | 1 = Lesbian, gay, or homosexual  2 = Straight or heterosexual  3 = Bisexual  4 = Don’t know  5 = Prefer not to answer  6 = Other (please specify if you would like) |
| T1\_Sexuality\_**CA**\_A2 | Do you think of yourself as: Other | open ended question (string) |
| T1\_Age | CA: What is your current age? (in years)  SA: How old are you? | open ended question (number) |
| T1\_Languages\_**CA**\_A1  T1\_Languages\_**CA**\_A2 | What language/s do you speak? | open ended question (string) |
| T1\_Languages\_**CA**\_A3 | most used language with parent/parent-figure/caregiver | open ended question (string) |
| T1\_Languages\_**SA**\_A1 | What language/s do you speak? (please place a \* beside the one you speak most often at home) | open ended question (string) |
| T1\_Languages\_**SA**\_A2 | Which language/s are you most comfortable with? | open ended question (string) |

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| Household | | |
| T1\_household\_residents\_1 | How many people (including you) live in your everyday home? | open ended question (number) |
| T1\_household\_residents\_1a | How many of these people are 17 or younger? | open ended question (number) |
| T1\_household\_residents\_1b | How many of the adults who live in your everyday home are employed? | open ended question (number) |
| T1\_household\_main\_income\_1 | What is your everyday home MAIN/ BIGGEST source of income? Choose only the main one. | 1 = Salaries, wages, commissions  2 = Income from a business/self-employed  3 = Pensions  4 = Social welfare  5 = Maintenance  6 = Sales from farm products and services  7 = Other  8 = Don’t know |
| T1\_household\_main\_income\_1a | What is your everyday home MAIN/ BIGGEST source of income? Choose only the main one. Other | open ended question (string) |

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| --- | --- | --- |
| SA: Housing | | |
| T1\_**SA**\_housing\_1 | What type of house do you live in most of the time? | 1= Formal brick house  2= RDP house  3= Flats  4= Back room [outside room]  5= Rent a single room in a house  6= Wendy house [wood flat]  7= Shack  8 = Caravan  9 = On the street  10= Hostel  11= Other (specify) |
| T1\_**SA**\_housing\_1a | What type of house do you live in most of the time? Other | open ended question (string) |
| T1\_**SA**\_housing\_2 | What is your main source of water at your everyday home? | 1 = Tap inside the house  2 = Water from tap in own yard  3 = Water collected from community taps  4 = Water purchased from a vendor/shop  5 = Water from municipal truck  6 = Other (specify) |
| T1\_**SA**\_housing\_2a | What is your main source of water at your everyday home? other | open ended question (string) |
| T1\_**SA**\_housing\_3 | What is the main source you use to cook with at your everyday home? | 1 = Electricity  2 = Gas  3 = Paraffin  4 = Wood  5 = Coal  6 = Crop waste  7 = Animal dung  8 = Other |
| T1\_**SA**\_housing\_3a | What is the main source you use to cook with at your everyday home? other | open ended question (string) |
| T1\_**SA**\_housing\_4 | Do you SOMETIMES use something else to cook at your everyday home? | 1 = Yes  2 = No |
| T1\_**SA**\_housing\_4a | If yes, please list what you sometimes use to cook with | open ended question (string)  1 = Electricity  2 = Gas  3 = Paraffin  4 = Wood  5 = Coal  6 = Crop waste  7 = Animal dung  8 = Other |
| T1\_**SA**\_housing\_5 | What type of toilet do you use at your everyday house? | 1 = Flush  2 = Pit latrine [a hole in the ground]  3 = Mobile toilet  4 = Bucket toilet  5 = No toilet  6 = Other |
| T1\_**SA**\_housing\_5a | What type of toilet do you use at your everyday house? others | open ended question (string) |
| T1\_**SA**\_housing\_6 | Where is the toilet at your everyday house? | 1 = Inside the house  2 = Outside of the house  3 = Both |
| T1\_**SA\_**housing\_7 | Does someone run a business at the house/property where you live most of the time? | 1 = Yes  2 = No |
| T1\_**SA**\_housing\_7a | If yes, what type of business is it? | open ended question (string) |

|  |  |  |
| --- | --- | --- |
| CA: Drayton Valley | | |
| T1\_**CA**\_DV\_1 | Were you born in Drayton Valley? | 1 = Yes 2 = No (please specify where) |
| T1\_**CA**\_DV\_1a | No, please specify where. | open ended question (string) |
| T1\_**CA**\_DV\_1b | If No, how many years have you lived in Drayton Valley? | open ended question (number) |
| T1\_**CA**\_DV\_2\_A  T1\_**CA**\_DV\_2\_B  T1\_**CA**\_DV\_2\_C | What would you say are the three best things about where you live? | open ended question (string) |
| T1\_**CA**\_DV\_3 | How likely is it that you will stay living in the Drayton Valley area in the future? | 1 = Not at all  2 = A little  3 = Somewhat  4 = Quite a bit  5 = A lot |

|  |  |  |
| --- | --- | --- |
| Education | | |
| T1\_edu\_1 | CA: Do you go to school?    SA: Are you at school? | 1 = Yes  2 = No |
| T1\_edu\_1a | CA: If yes, which grade (High School) or year (Post-Secondary) are you in?  SA: If yes, which grade are you in? | open ended question (number) |
| T1\_edu\_2 | How would you say your school marks are/were? | 1 = Well below average  2 = Somewhat below average  3 = Average  4 = Somewhat above average  5 = Well above average |
| T1\_edu\_3 | What was the highest grade you last completed/passed? | 1 = Grade 5 or lower  2 = Grade 6-8  3 = Grade 9-10  4 = Grade 11  5 = Grade 12 |
| T1\_edu\_4 | Do you work a paid part-time job while you are still in school? | 1 = Yes  2 = No |
| T1\_edu\_**SA**\_A1 | If you are at school, which school are you at? | open ended question (string) |
| T1\_edu\_**SA**\_A2 | How many learners/students are there in your English class? | open ended question (number) |
| T1\_edu\_**SA**\_A3 | “My teachers teach well” | 1 = Agree  2 = Unsure  3 = Disagree |
| T1\_edu\_**SA**\_A4 | “My teachers treat me well” (e.g., are friendly) | 1 = Agree  2 = Unsure  3 = Disagree |
| T1\_edu\_**SA**\_A5 | If you are no longer in school, when did you leave school for the last time? | open ended question (string) |
| T1\_edu\_**SA**\_A6 | Do you have any tertiary education? | 1 = Yes  2 = No |
| T1\_edu\_**SA**\_A6a | If you have tertiary education, how many years did you complete? | open ended question (number) |
| T1\_edu\_**SA**\_A6b | If you have tertiary education, please specify | 1 = Trade/TAFE qualification  2 = FET  3 = University qualification |
| T1\_edu\_**CA**\_A1\_A-G  A: Completed College  B: Attended College  C: Completed University  D: Attended University  E: Completed Trades  F: Attended Trades  G: Other (specify) | Do you have any post-secondary/tertiary education? | 1 = Yes  2 = No |

|  |  |  |
| --- | --- | --- |
| Spending time | | |
| T1\_Spending\_time\_A-H  A: Unemployed, looking for work  B: Unemployed but not looking for work  C: Temporary/seasonal labour  D: Part-time employed  E: Full-time employed  F: Self-employed  G: Completing a skills development course  H: Other (specify) | What do you do with your time now? | 1 = Yes |
| T1\_Spending\_time\_CA\_A1 | What do you do with your time now? Nothing | 1 = yes |

|  |  |  |
| --- | --- | --- |
| Community places | | |
| T1\_Community\_Places\_1\_avoid | Is there one or more places in your community that you fear, regard as unsafe and tend to avoid? | 1 = Yes  2 = No |
| T1\_Community\_Places\_1\_avoid\_A  T1\_Community\_Places\_1\_avoid\_B  T1\_Community\_Places\_1\_avoid\_C |  | open ended question (string) |
| T1\_Community\_Places\_2\_happy | When you are feeling down or sad, is there a place in your community that you can go to make you feel better? | 1 = Yes  2 = No |
| T1\_Community\_Places\_2\_happy\_A  T1\_Community\_Places\_2\_happy\_B  T1\_Community\_Places\_2\_happy\_C |  | open ended question (string) |

|  |  |  |
| --- | --- | --- |
| Parents | | |
| T1\_Mother\_edu\_**CA** | What is/was your biological mother’s highest level of education? | 1 = No schooling  2 = Did not complete high school  3 = High school  4 = Some college  5 = Bachelors  6 = Postgrad  Note: initially, there was code 7 = Don’t know. However, in order to have a categorical variable with increasing sequence, this option was deleted and substituted with system missing. |
| T1\_Mother\_edu\_**SA** | What is/was your biological mother’s highest level of education? | 1 = No schooling  2 = Less than primary school completed  3 = Primary school completed  4 = Some secondary school completed  5 = Secondary school completed  6 = Tertiary school completed  Note: initially, there was code 7 = Don’t know. However, in order to have a categorical variable with increasing sequence, this option was deleted and substituted with system missing. |
| T1\_Mother\_alive | Is your biological mother alive? | 1 = Yes  2 = No  3 = Don’t know |
| T1\_Mother\_at\_home | If YES, does your biological mother live at home with you? | 1 = Yes  2 = No  3 = Don’t know |
| T1\_Mother\_not\_at\_home\_reason | If NO, why does your biological mother not live at home with you? | open ended question (string) |
| T1\_Mother\_employed | Is your biological mother currently employed? | 1 = Yes  2 = No  3 = Don’t know |
| T1\_Father\_edu\_**CA** | What is/was your biological father’s highest level of education? | 1 = No schooling  2 = Did not complete high school  3 = High school  4 = Some college  5 = Bachelors  6 = Postgrad  Note: initially, there was code 7 = Don’t know. However, in order to have a categorical variable with increasing sequence, this option was deleted and substituted with system missing. |
| T1\_Father\_edu\_**SA** | What is/was your biological father’s highest level of education? | 1 = No schooling  2 = Less than primary school completed  3 = Primary school completed  4 = Some secondary school completed  5 = Secondary school completed  6 = Tertiary school completed  Note: initially, there was code 7 = Don’t know. However, in order to have a categorical variable with increasing sequence, this option was deleted and substituted with system missing. |
| T1\_Father\_alive | Is your biological father alive? | 1 = Yes  2 = No  3 = Don’t know |
| T1\_Father\_at\_home | If YES, does your biological father live in your household? | 1 = Yes  2 = No  3 = Don’t know |
| T1\_Father\_not\_at\_home\_reason | If NO, why does your biological father not live in your household? | open ended question (string) |
| T1\_Father\_employed | Is your biological father currently employed? | 1 = Yes  2 = No  3 = Don’t know |

|  |  |  |
| --- | --- | --- |
| CA: Oil and gas employment | | |
| T1\_**CA**\_employment\_participant\_oil\_gas\_1 | Have you ever worked in the oil and gas industry? | 1 = Yes, currently  2 = No  3 = Yes, but not currently |
| T1\_**CA**\_employment\_participant\_oil\_gas\_2 | If yes, for how many years? | open ended question (number) |
| T1\_**CA**\_employment\_family\_oil\_gas\_1 | Do you have a parent/ parent-figure or close family member who has worked in the oil and gas industry? | 1 = Yes, currently  2 = No  3 = Yes, but not currently  4 = Don’t know |
| T1\_**CA**\_employment\_family\_oil\_gas\_2 | If yes, for how many years? | open ended question (number) |

## Child Post-Traumatic Stress - Reaction Index (CPTS)

This self-report questionnaire (Frederick et al., 1992; Pynoos et al., 1987; Ruchkin et al., 2004) contains **20 items** with a 5-grade response scale. A total score between 12 and 24 indicates mild PTSS, a score of 25-39 indicates moderate PTSS, 40-59 severe PTSS, and a score of 60 and more indicates very severe PTSS. The CPTS-RI scores were found to correspondent highly with actual clinical diagnosis based on interview (r = .91; Pynoos et al., 1993). Cronbach’s alpha in the US sample was .85.

As the RYSE questionnaire goes from 1-5, rather than 0-4, the total score thresholds are:

32-44 = mild PTSS,

45-59 = moderate PTSS,

60-79 = severe PTSS,

>=80 = very severe PTSS.

Additionally, the scale is said to be made up of 3 factors: intrusiveness/numbing/avoidance, fear/anxiety, and disturbances in sleep and concentration (Pynoos et al., 1987). These correspond to DSM-IV-TR categories; however, it is unclear which items clearly relate to which factor and so only the single scale score should be used.

My (PJ) understanding is that this has been slightly adapted by Ruchkin et al. for a non-student/older youth group. The wording is generally the same used in the SAHA study (Ruchkin et al., 2004) aside from T1\_CPTS\_5 (originally said “Do you *sometimes* worry”), T1\_CPTS\_13 (we added “/paid work” for those not in school), T1\_CPTS\_14 (we added “/paid work”), and T1\_CPTS\_17 (this used to say “Do you like to have someone sleep in your room or have the lights on at night?” We changed this to “Do you avoid thinking about bad things that have happened?” to make it more age appropriate).

Reverse code: T1\_CPTS\_9 & T1\_CPTS\_11.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Now please think about how you have felt in the past 30 days and mark the box that applies… | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Never  (1)  Not at all | A little  (2) | Sometimes  (3)  Not a little and not a lot / inbetween | Often  (4)  Quite a lot | Most of the time  (5)  A lot |
| T1\_CPTS\_1 | Do you get scared or afraid because you think about bad things that have happened to you? |  |  |  |  |  |
| T1\_CPTS\_2 | Do you imagine that you see people or hear voices that remind you of bad things that have happened to you? |  |  |  |  |  |
| T1\_CPTS\_3 | Do thoughts or pictures of bad things that have happened to you come back to you, even when you don’t want them to? |  |  |  |  |  |
| T1\_CPTS\_4 | Do you have bad dreams about someone dying or getting hurt or other scary things? |  |  |  |  |  |
| T1\_CPTS\_5 | Do you worry that the bad things that have happened to you could happen again? |  |  |  |  |  |
| T1\_CPTS\_6 | Do you feel bored, like things just aren’t fun? |  |  |  |  |  |
| T1\_CPTS\_7 | Do you feel like no one can really understand things you’ve been through? |  |  |  |  |  |
| T1\_CPTS\_8 | Do you wish you had no feelings? |  |  |  |  |  |
| T1\_CPTS\_9 | Can you talk about bad things that have happened to you and how they made you feel? |  |  |  |  |  |
| T1\_CPTS\_10 | If someone comes up behind you all of a sudden, or if you hear a loud noise, do you jump? |  |  |  |  |  |
| T1\_CPTS\_11 | Do you sleep okay? |  |  |  |  |  |
| T1\_CPTS\_12 | Do you feel like the bad things that have happened to you are your fault? |  |  |  |  |  |
| T1\_CPTS\_13 | Do thoughts and feelings about bad things that have happened to you make it hard for you to read or do your schoolwork/paid work? |  |  |  |  |  |
| T1\_CPTS\_14 | Is it hard for you to concentrate and keep your mind on your schoolwork/paid work or other things? |  |  |  |  |  |
| T1\_CPTS\_15 | Do you wish you could stay away from people, places, and things that make you think about bad things that have happened to you? |  |  |  |  |  |
| T1\_CPTS\_16 | When something reminds you, or makes you think about bad things that have happened to you, do you get scared or upset? |  |  |  |  |  |
| T1\_CPTS\_17 | Do you avoid thinking about bad things that have happened? |  |  |  |  |  |
| T1\_CPTS\_18 | Do you have stomach aches, headaches, or feel scared? |  |  |  |  |  |
| T1\_CPTS\_19 | Do you fight, break rules, or do things where you can get in trouble or hurt? |  |  |  |  |  |
| T1\_CPTS\_20 | Would most people be bothered by the bad things that have happened to you? |  |  |  |  |  |
| T1\_CPTS\_**SA**\_A1 | Think about the most upsetting or frightening thing that happened to you in the past year.  Where did it happen? | 1 = Home  2 = School  3 = Neighbourhood  4 = Somewhere else | | | | |
| T1\_CPTS\_**SA**\_A2 | Think about the most upsetting or frightening thing that happened to you in the past year. Where did it happen? other | open ended question (string) | | | | |
| T1\_CPTS\_**SA**\_A3 | How muchdid it bother you when it happened? | Not at all  (1) | A little  (2) | Not a little and not a lot / inbetween / sometimes (3) | Quite a lot  (4) | A lot  (5) |

## Impairment Associated with the Traumatic Symptoms Scale (IATSS)

These items were developed by the SAHA Research Evaluation Team and should be cited such (i.e., Ruchkin et al., 2004). It is unclear if these items sum to form a scale and are perhaps best left as individual items (PJ).

We also adapted the second item, adding “/work” to include those in work/no longer in school. We also adapted the third item, adding “your” to make it more readable. Finally, we changed the fourth Likert category from “Moderately” to “Quite a lot” to make it more understandable (better differentiation from “some”).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Now please think about the questions you just answered… | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T1\_IATSS\_1 | Did any of these cause problems for you at home? | Not at all (1) | A little  (2) | Some  (3)  Not a little and not a lot / inbetween / sometimes | Quite a lot (4) | A lot  (5) |
| T1\_IATSS\_2 | Did any of these cause problems for you at school/work? | Not at all (1) | A little  (2) | Some  (3)  Not a little and not a lot / inbetween / sometimes | Quite a lot (4) | A lot  (5) |
| T1\_IATSS\_3 | Did any of these cause problems for you with your friends? | Not at all (1) | A little  (2) | Some  (3)  Not a little and not a lot / inbetween / sometimes | Quite a lot (4) | A lot  (5) |

## Short Form Health Survey (SF-15)

These items are as presented on <https://www.rand.org/health/surveys_tools/mos/20-item-short-form/survey-instrument.html>. (SF-20; Ware et al., 1992). **Recoding:** [**https://www.rand.org/health-care/surveys\_tools/mos/36-item-short-form/scoring.html**](https://www.rand.org/health-care/surveys_tools/mos/36-item-short-form/scoring.html)

It is possible to derive an overall scale score for the SF-20 where higher scores reflect better health. However, this SF-20 also contains 5 subscales (sum up): **physical functioning** (T1\_SF15\_2 - T1\_SF15\_7), **role functioning** (T1\_SF15\_9 & T1\_SF15\_10), **social functioning** (T1\_SF15\_11), **current health perceptions** (T1\_SF15\_1, T1\_SF15\_12 - T1\_SF15\_15), and **pain** (T1\_SF15\_8). We chose not to include the mental health subscale, as we are measuring depression via the BDI elsewhere. Higher scores indicate better health.

Reverse code: T1\_SF15\_1, T1\_SF15\_8, T1\_SF15\_13, T1\_SF15\_14.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | | | | | | | | | |
| T1\_SF15\_1 | In general, would you say your health is… | Excellent  (1) | | Very good  (2) | | | Good  (3) | | | Fair  (4) | | | Poor  (5) | |
| For how long (if at all) has your **health limited you** in **each** of the following activities?… | | | | | | | | | | | | | | |
| T1\_SF15\_2 | Vigorous activities, like lifting heavy objects, running or participating in strenuous sports  The kinds or amounts of activities that take lots of energy, like lifting heavy objects, running or participating in active sports | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1\_SF15\_3 | Moderate activities, like moving a table, carrying groceries, or bowling  The kinds or amounts of activities that do NOT take lots of energy, like moving a table, carrying groceries, or bowling | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1\_SF15\_4 | Walking uphill or climbing a few flights of stairs | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1\_SF15\_5 | Bending, lifting, or stooping | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1\_SF15\_6 | Walking one block | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1\_SF15\_7 | Eating, dressing, bathing, or using the toilet | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1\_SF15\_8 | How much bodily pain have you had during the past 4 weeks? | None  (1) | Very mild  (2) | | | Mild  (3) | | Moderate  (4) | | | | Severe  (5) | | Very severe  (6) |
| T1\_SF15\_9 | Does your health keep you from working at a job, doing work around the house, or going to school? | Limited for more than 3 months (1) | | | | Limited for 3 months or less (2) | | | | | Not limited at all  (3) | | | |
| T1\_SF15\_10 | Have you been unable to do certain kinds or amounts of work, housework, or schoolwork because of your health? | Limited for more than 3 months (1) | | | | Limited for 3 months or less (2) | | | | | Not limited at all  (3) | | | |
| T1\_SF15\_11 | How much of the time, during the past month, has your health limited your social activities (like visiting with friends or close relatives)? | All of the time  (1) | Most of the time  (2) | | | A good bit of the time  (3) | | Some of the time  (4) | | | A little of the time  (5) | | | None of the time  (6) |
| Please select the option that best describes whether each of the following statements is true or false for you. | | | | | | | | | | | | | | |
| T1\_SF15\_12 | I am somewhat ill  I am a little bit ill | Definitely true  (1) | | Mostly true  (2) | | | Not sure  (3) | | | Mostly false  (4) | | | Definitely false  (5) | |
| T1\_SF15\_13 | I am as healthy as anybody I know | Definitely true  (1) | | Mostly true  (2) | | | Not sure  (3) | | | Mostly false  (4) | | | Definitely false  (5) | |
| T1\_SF15\_14 | My health is excellent | Definitely true  (1) | | Mostly true  (2) | | | Not sure  (3) | | | Mostly false  (4) | | | Definitely false  (5) | |
| T1\_SF15\_15 | I have been feeling bad lately | Definitely true  (1) | | Mostly true  (2) | | | Not sure  (3) | | | Mostly false  (4) | | | Definitely false  (5) | |

## Victimisation by Community (VbC)

Subscale of **Exposure to Violence scale** (Richters & Martinez, 1993; Ruchkin et al., 2004). Richters and Martinez’s original 7-item scale was adapted for the SAHA study (Ruchkin et al., 2004). In the SAHA study, the authors used the 7-item scale twice, asking first if the respondent had seen the events happen to someone, and then secondly if they had happened to them personally.

We used the second group only (if the events happened to them), and the CA team reduced the length of the overall questionnaire: 3 items were dropped that the CA team felt were largely addressed by other items in this scale (we dropped “attacked or stabbed with a knife”, “shot or shot at with a gun”, and “threatened or harmed by someone because of my race or ethnicity”). These 3 items were asked by the SA team. Higher sum score indicates higher victimization.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Please select the number of times the following things have happened to you in the past year **within your community**.  Please do NOT include things you have only seen or heard about on TV, radio, the news, or in the movies. | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T1\_VbC\_1 | I have been chased by gangs or individuals. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T1\_VbC\_2 | I have been threatened with serious physical harm by someone. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T1\_VbC\_3 | I have been beaten up or mugged. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T1\_VbC\_4 | I have been seriously wounded in an incident of violence. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T1\_VbC\_**SA**\_A1 | I have been attacked or stabbed with a knife. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T1\_VbC\_**SA**\_A2 | I have been shot or shot at with a gun. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T1\_VbC\_**SA**\_A3 | I have been threatened or harmed by someone because of my race or ethnicity/culture. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |

## Family Adversity scale (FAS)

This list is adapted from Labella et al (Labella et al., 2017). The original scale contained a 10th item about time being separated from parents. The CA team thought it appropriate to drop this given that a large proportion of our sample would not be living with parents. SA still has this item. The items can be summed to get a single figure of family adversity with higher scores indicating higher family adversity (when recoded, see syntax)

We made a number of changes to the wording of the items. The original scale was also meant to be completed by a parent, while our wording is changed to be self-report. We also adapted the wording to be more inclusive of atypical family units and more understandable to youth:

T1\_FAS\_1: “death of a parent” now “death of someone who has looked after you for a long time”;

T1\_FAS\_2: “death of a brother or sister” now “death of a person who was like a brother or sister”;

T1\_FAS\_3: “…fights or severe relationship problems between parents and adults taking care of him or her” now “…ﬁghts (verbal or physical) or severe relationship problems between parents/parent-figures/caregivers?”;

T1\_FAS\_4 - T1\_FAS\_8: “…parents” now “…parents/parent-figures/caregivers”;

T1\_FAS\_6: “…mental illness” now “…severe mental illness”.

|  |  |  |
| --- | --- | --- |
| Please answer the following questions. Have you… | | |
| **Item name in dataset** | **Question** | **Response** |
| T1\_FAS\_1 | Experienced the death of someone who has looked after you for a long time? | 1 = Yes  2 = No |
| T1\_FAS\_2 | Experienced the death of a person who was like a brother or sister? | 1 = Yes  2 = No |
| T1\_FAS\_3 | Lived in a home with ﬁghts (verbal or physical) or severe relationship problems between parents/parent-figures/caregivers? | 1 = Yes  2 = No |
| T1\_FAS\_4 | Experienced the divorce or permanent separation of your parents/parent-figures/caregivers? | 1 = Yes  2 = No |
| T1\_FAS\_5 | Lived with a parent/parent-figure/caregiver who had a serious alcohol or drug problem? | 1 = Yes  2 = No |
| T1\_FAS\_6 | Lived with a parent/parent-figure/caregiver who had a severe mental illness? | 1 = Yes  2 = No |
| T1\_FAS\_7 | Lived with a parent/parent-figure/caregiver who had a serious physical illness? | 1 = Yes  2 = No |
| T1\_FAS\_8 | Had a parent/parent-figure/caregiver who was in jail or prison? | 1 = Yes  2 = No |
| T1\_FAS\_9 | Lived in a foster home? | 1 = Yes  2 = No |
| T1\_FAS\_**SA**\_A1 | Been separated from your caregiver/guardian for more than 1 month? | 1 = Yes  2 = No |

## Perception of Neighbourhood scale (PoNS)

This scale was used in the SAHA study with a Cronbach’s alpha of .82 in the US sample (Ruchkin et al., 2004).

Across the items, we changed “neighbourhood” to “neighbourhood/community” to be more inclusive. We also changed T1\_PoNS\_3, removing “broken glass” from the list of issues. We then added an item (T1\_PoNS\_CA\_A1) to address vandalism. This replaces “my neighbourhood looks nice”, as the questions about litter and vandalism go some way to covering this. We also removed “on the streets in my neighbourhood are friendly” as we felt it was somewhat covered by other items, and instead added “Theft or burglary is a problem in my neighbourhood/community”. We expanded the final item to “…because of racial *or cultural* differences”.

The original scale is made up of 7 positively worded items that form an Attachment to Neighbourhood subscale and 3 negatively worded items to do with “racial conflict”, but since we have made quite a number of adaptations it would be best to just calculate an overall score. Higher scores mean a more positive perception.

Reverse code: T1\_PoNS\_3, T1\_PoNS\_6, T1\_PoNS\_8, T1\_PoNS\_CA\_A1, T1\_PoNS\_A2.

|  |  |  |
| --- | --- | --- |
| Please rate your agreement with the following statements: | | |
| **Item name in dataset** | **Question** | **Response** |
|  |  | 1 = Definitely not true  2 = Mostly not true  3 = Mostly true  4 = Definitely true |
| T1\_PoNS\_1 | It is safe to walk alone in my neighbourhood/community after dark. |  |
| T1\_PoNS\_2 | In my neighbourhood/community there are good places to spend time with my friends. |  |
| T1\_PoNS\_3 | There is litter, or garbage on the streets, on sidewalks, or in yards in my neighbourhood/community. |  |
| T1\_PoNS\_4 | I feel safe in my neighbourhood/community. |  |
| T1\_PoNS\_5 | I like spending time in my neighbourhood/community. |  |
| T1\_PoNS\_6 | Some people sell or use drugs in my neighbourhood/community. |  |
| T1\_PoNS\_7 | People in my neighbourhood/community are willing to help each other. |  |
| T1\_PoNS\_8 | In my neighbourhood/community there are problems because of racial or cultural differences. |  |
| T1\_PoNS\_**CA**\_A1 | There are signs of vandalism (e.g., broken windows, illegal graffiti, smashed street signs) |  |
| T1\_PoNS\_**CA**\_A2 | Theft or burglary is a problem in my neighbourhood/community. |  |
| T1\_PoNS\_**SA**\_A1 | My neighbourhood/community looks nice. |  |
| T1\_PoNS\_**SA**\_A2 | People on the streets in my neighbourhood/community are friendly. |  |

## Child and Youth Resilience Measure (CYRM)

The wording is as proposed by the original authors (Ungar & Liebenberg, 2011), except:

T1\_CYRM\_1: “…people I look up to” is now “…people I can respect in life”, per the equivalent item in the Adult Resilience Measure (ARM-28).

T1\_CYRM\_2: We expanded this from “I cooperate with people around me” to “I cooperate well with people who are close to me”.

T1\_CYRM\_3: “Getting an education is…” is now “Getting an education and/or improving qualifications/skills is…”, which is roughly the equivalent item from the ARM-28;

T1\_CYRM\_5: “my parent(s)/caregiver(s) watch me closely” is now “my family have usually supported me throughout life” per the equivalent ARM-28 item;

T1\_CYRM\_6: “my parent(s)/caregiver(s) know a lot about me” now “my family know a lot about me” per the equivalent ARM-28 item;

T1\_CYRM\_7: “…there is enough to eat” now “…I can get food to eat” per the equivalent ARM-28 item;

T1\_CYRM\_11: “people think that I am fun to be with” now “people like to spend time with me”;

T1\_CYRM\_12: “…family/caregiver(s)…” now “…family/partner…” per the equivalent ARM-28 item;

T1\_CYRM\_16: “I feel I belong at my school” now “I feel I belong in my community” per the equivalent ARM-28 item;

T1\_CYRM\_20: we removed “becoming an adult” per the equivalent ARM-28 item;

T1\_CYRM\_24: we removed “/caregiver(s)” per the equivalent ARM-28 item;

T1\_CYRM\_26: “/caregiver(s)” now “/partner’s” per the equivalent ARM-28 item.

For CA, an additional item was also added (T1\_CYRM\_CA\_A1). Where the final question in the original scale was “I am proud to be a part of…”, this is now split into two questions: “…Canada” and “…Drayton Valley”.

The CYRM can be scored to get a single resilience score. It can also be broken down into 3 subscales: **Individual resilience** (T1\_CYRM\_2, 8, 11, 13, 21, 14, 18, 4, 15, 20, 25), **Relational resilience** (T1\_CYRM\_5, 7, 6, 12, 17, 24, 26) and **Contextual resilience** (T1\_CYRM\_9, 22, 23, 3, 16, 1, 10, 19, 27, 28, and now 29).

Higher sum scores mean more resources.

**The subscales are based on the original factor structure of the CYRM-28 which might rather fit CA. Hence, EFA or CFA should be done for SA which can make cross-county comparisons difficult though.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Please rate your agreement with the following statements: | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Not at all (1) | A little  (2) | Somewhat  (3)  Not a little and not a lot / in-between / sometimes | Quite a lot  (4) | A lot  (5) |
| T1\_CYRM\_1 | I have people I can respect in my life. |  |  |  |  |  |
| T1\_CYRM\_2 | I cooperate well with people who are close to me. |  |  |  |  |  |
| T1\_CYRM\_3 | Getting an education and/or improving qualifications/skills is important to me. |  |  |  |  |  |
| T1\_CYRM\_4 | I know how to behave in different social situations. |  |  |  |  |  |
| T1\_CYRM\_5 | My family have usually supported me throughout life. |  |  |  |  |  |
| T1\_CYRM\_6 | My family know a lot about me. |  |  |  |  |  |
| T1\_CYRM\_7 | If I am hungry, I can get food to eat. |  |  |  |  |  |
| T1\_CYRM\_8 | I try to finish what I start. |  |  |  |  |  |
| T1\_CYRM\_9 | Spiritual beliefs are a source of strength for me. |  |  |  |  |  |
| T1\_CYRM\_10 | I am proud of my ethnic background. |  |  |  |  |  |
| T1\_CYRM\_11 | People like to spend time with me |  |  |  |  |  |
| T1\_CYRM\_12 | I talk to my family/partner about how I feel. |  |  |  |  |  |
| T1\_CYRM\_13 | I am able to solve problems without harming myself or others (for example, by using drugs and/or being violent). |  |  |  |  |  |
| T1\_CYRM\_14 | I feel supported by my friends. |  |  |  |  |  |
| T1\_CYRM\_15 | I know where to go in my community to get help. |  |  |  |  |  |
| T1\_CYRM\_16 | I feel I belong in my community. |  |  |  |  |  |
| T1\_CYRM\_17 | My family stands by me during difficult times. |  |  |  |  |  |
| T1\_CYRM\_18 | My friends stand by me during difficult times. |  |  |  |  |  |
| T1\_CYRM\_19 | I am treated fairly in my community. |  |  |  |  |  |
| T1\_CYRM\_20 | I have opportunities to show others that I can act responsibly. |  |  |  |  |  |
| T1\_CYRM\_21 | I am aware of my own strengths. |  |  |  |  |  |
| T1\_CYRM\_22 | I participate in organized religious activities. |  |  |  |  |  |
| T1\_CYRM\_23 | I think it is important to serve my community. |  |  |  |  |  |
| T1\_CYRM\_24 | I feel safe when I am with my family. |  |  |  |  |  |
| T1\_CYRM\_25 | I have opportunities to develop skills that will be useful later in life (like job skills and skills to care for others). |  |  |  |  |  |
| T1\_CYRM\_26 | I enjoy my family's/partner’s cultural and family traditions. |  |  |  |  |  |
| T1\_CYRM\_27 | I enjoy my community's traditions. |  |  |  |  |  |
| T1\_CYRM\_28 | I am proud to be a part of Canada / South Africa. |  |  |  |  |  |
| T1\_CYRM\_**CA**\_A1 | I am proud to be a part of Drayton Valley |  |  |  |  |  |

## Benevolent Childhood Experiences scale (BCE)

This scale can be summed to give a single protective factor score, where higher scores are positive (when recoded, see syntax) (Narayan et al., 2015).

The items and wording are as proposed by the original study authors, except for phrasing to include present as well as past tense (I.e., “Have you had…” vs. “Did you have…”). Additionally, we expanded items T1\_BCE\_1 and T1\_BCE\_7 to “parent/parent-figure/caregiver”, fitting with other parts of the survey.

|  |  |  |
| --- | --- | --- |
| While growing up (during the first 18 years of your life): | | |
| **Item name in dataset** | **Question** | **Response** |
| T1\_BCE\_1 | Have you had at least one parent/parent-figure/caregiver whom you felt safe with? | 1 = Yes  2 = No |
| T1\_BCE\_2 | Have you had at least one good friend? | 1 = Yes  2 = No |
| T1\_BCE\_3 | Have you had beliefs that gave you comfort? | 1 = Yes  2 = No |
| T1\_BCE\_4 | Have you liked school? | 1 = Yes  2 = No |
| T1\_BCE\_5 | Have you had at least one teacher who cared about you? | 1 = Yes  2 = No |
| T1\_BCE\_6 | Have you had good neighbours? | 1 = Yes  2 = No |
| T1\_BCE\_7 | Have you had an adult (not a parent/parent-figure/caregiver or the person from the first question in this section – question 30) who could give you support and advice? | 1 = Yes  2 = No |
| T1\_BCE\_8 | Have you had opportunities to have a good time? | 1 = Yes  2 = No |
| T1\_BCE\_9 | Have you liked yourself or felt comfortable with yourself? | 1 = Yes  2 = No |
| T1\_BCE\_10 | Have you had a predictable home routine, like regular meals and a regular bedtime? | 1 = Yes  2 = No |

## Sensitivity scale (SS)

Very short version (Pluess, personal communication). The items can be summed to form an overall sensitivity score, where higher scores mean higher sensitivity. These items and their scoring are presented as the original study author intended.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Please rate your agreement with the following statements: | | | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | | | |
| T1\_SS\_1 | I notice when small things have changed in my environment | Not at All  (1) | (2) | (3) | Moderately  (4) | (5) | (6) | Extremely  (7) |
| T1\_SS\_2 | I love nice smells | Not at All  (1) | (2) | (3) | Moderately  (4) | (5) | (6) | Extremely  (7) |
| T1\_SS\_3 | I find it unpleasant to have a lot going on at once | Not at All  (1) | (2) | (3) | Moderately  (4) | (5) | (6) | Extremely  (7) |
| T1\_SS\_4 | Some music can make me really happy | Not at All  (1) | (2) | (3) | Moderately  (4) | (5) | (6) | Extremely  (7) |
| T1\_SS\_5 | I don’t like loud noises | Not at All  (1) | (2) | (3) | Moderately  (4) | (5) | (6) | Extremely  (7) |
| T1\_SS\_6 | When someone observes me, I get nervous. This makes me perform worse than normal | Not at All  (1) | (2) | (3) | Moderately  (4) | (5) | (6) | Extremely  (7) |

## Peer Support Scale (PeerSupp)

This assesses relationships with friends, and has a Cronbach’s alpha of .89 (Armsden & Greenberg, 1987; Lerner et al., 2005). The items are as Lerner et al. intended and can be summed to get a peer support score, where higher scores indicate greater peer support.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| The following questions are about your friends. Please select how true each of these statements is for you: | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T1\_PeerSupp\_1 | I trust my friends | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |
| T1\_PeerSupp\_2 | I feel my friends are good friends | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |
| T1\_PeerSupp\_3 | My friends care about me | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |
| T1\_PeerSupp\_4 | My friends are there when I need them | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |

## Parental-caregiver supervision (PCSuper)

Subscale from the Parenting Scale subscale [4 items] (adapted from Ruchkin et al., 2004). **SA only!**

Higher scores mean higher parental supervision.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| If living with a parent/ caregiver/guardian, when you are not home (e.g., after school/work), do they usually know: | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T1\_**SA**\_PCSuper\_1 | Where you are? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1\_**SA**\_PCSuper\_2 | Who you are with? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1\_**SA**\_PCSuper\_3 | What you are doing? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1\_**SA**\_PCSuper\_4 | When you are coming back? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |

## Parental-caregiver warmth (PCWarm)

Subscale from the Parenting Scale subscale [3 items] (adapted from Ruchkin et al., 2004). **SA only!**

Higher scores mean higher parental warmth.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| For the next questions, is there a parent/caregiver/guardian who… | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T1\_**SA**\_PCWarm\_1 | Is proud of me. | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1\_**SA**\_PCWarm\_2 | Shows their love for me. | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1\_**SA**\_PCWarm\_3 | Makes me feel good when I am with them | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |

## Work/job satisfaction scale (JS)

(Cammann, Fichman, Jenkins, & Klesh, 1979, 1983). **SA only!**

Higher scores mean a higher job satisfaction. Reverse code T1\_SA\_JS\_1, T1\_SA\_JS\_3.

|  |  |  |
| --- | --- | --- |
| If you are employed (part-time or full-time), please complete the following: | | |
| **Item name in dataset** | **Question** | **Response** |
| T1\_**SA**\_JS\_1 | “All in all, I am satisfied with my job”. | 1 = Absolutely  2 = A lot  3 = Quite a lot  4 = In-between  5 = A little  6 = Very little  7 = Not at all |
| T1\_**SA**\_JS\_2 | “Usually, I do not like my job”. | 1 = Absolutely  2 = A lot  3 = Quite a lot  4 = In-between  5 = A little  6 = Very little  7 = Not at all |
| T1\_**SA**\_JS\_3 | “Usually, I like working where I work”. | 1 = Absolutely  2 = A lot  3 = Quite a lot  4 = In-between  5 = A little  6 = Very little  7 = Not at all |

## School Engagement Scale (SES)

These statements are worded and scored as the original authors (Lam et al., 2014) intended except for T1\_SES\_19 where we replaced the examples with local examples (“…such as sport day and parent day” now “e.g., field trips, monitoring”), T1\_SES\_20 where we included local examples where there previously were none (now “…e.g., clubs, sports”), and the CA team removed an item which did not fit with the local context and was partially addressed by other items (“I am an active participant of school activities such as sport day and school picnic.”). This item was administered in SA (T1\_SES\_SA\_A1).

The 32/33 items can be summed to get an overall school engagement score. There are also three subscales: **Affective engagement** (T1\_SES\_1 - T1\_SES\_9), **Behavioural engagement** (T1\_SES\_10 - T1\_SES\_20 (+ T1\_SES\_SA\_A1 for SA)), and **Cognitive engagement** (T1\_SES\_21 - T1\_SES\_32). Higher scores indicate higher engagement.

Reverse code: 1\_SES\_5, 1\_SES\_14, 1\_SES\_15, 1\_SES\_16

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| If you attend school, please rate your agreement with the following statements: | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Strongly disagree (1) | Disagree  (2) | Neutral  (3) | Agree  (4) | Strongly agree (5) |
| T1\_SES\_1 | I am very interested in learning. |  |  |  |  |  |
| T1\_SES\_2 | I think what we are learning in school is interesting. |  |  |  |  |  |
| T1\_SES\_3 | I like what I am learning in school. |  |  |  |  |  |
| T1\_SES\_4 | I enjoy learning new things in class. |  |  |  |  |  |
| T1\_SES\_5 | I think learning is boring. |  |  |  |  |  |
| T1\_SES\_6 | I like my school. |  |  |  |  |  |
| T1\_SES\_7 | I am proud to be at this school. |  |  |  |  |  |
| T1\_SES\_8 | Most mornings, I look forward to going to school. |  |  |  |  |  |
| T1\_SES\_9 | I am happy to be at this school. |  |  |  |  |  |
| T1\_SES\_10 | I try hard to do well in school. |  |  |  |  |  |
| T1\_SES\_11 | In class I work as hard as I can. |  |  |  |  |  |
| T1\_SES\_12 | When I’m in class, I participate in class activities. |  |  |  |  |  |
| T1\_SES\_13 | I pay attention in class. |  |  |  |  |  |
| T1\_SES\_14 | When I’m in class, I just act like I’m working. |  |  |  |  |  |
| T1\_SES\_15 | In school, I do just enough to get by. |  |  |  |  |  |
| T1\_SES\_16 | When I’m in class, my mind wanders. |  |  |  |  |  |
| T1\_SES\_17 | If I have trouble understanding a problem, I go over it again until I understand it. |  |  |  |  |  |
| T1\_SES\_18 | When I run into a difficult homework problem, I keep working at it until I think I’ve solved it. |  |  |  |  |  |
| T1\_SES\_19 | I volunteer to help with school activities (e.g., field trips, monitoring). |  |  |  |  |  |
| T1\_SES\_20 | I take an active role in extra-curricular activities in my school (e.g., clubs, sports). |  |  |  |  |  |
| T1\_SES\_21 | When I study, I try to understand the material better by relating it to things I already know. |  |  |  |  |  |
| T1\_SES\_22 | When I study, I figure out how the information might be useful in the real world. |  |  |  |  |  |
| T1\_SES\_23 | When learning new information, I try to put the ideas in my own words. |  |  |  |  |  |
| T1\_SES\_24 | When I study, I try to connect what I am learning with my own experiences. |  |  |  |  |  |
| T1\_SES\_25 | I make up my own examples to help me understand the important concepts I learn from school. |  |  |  |  |  |
| T1\_SES\_26 | When learning things for school, I try to see how they fit together with other things I already know. |  |  |  |  |  |
| T1\_SES\_27 | When learning things for school, I often try to associate them with what I learnt in other classes about the same or similar things. |  |  |  |  |  |
| T1\_SES\_28 | I try to see the similarities and differences between things I am learning for school and things I know already. |  |  |  |  |  |
| T1\_SES\_29 | I try to understand how the things I learn in school fit together with each other. |  |  |  |  |  |
| T1\_SES\_30 | I try to match what I already know with things I am trying to learn for school. |  |  |  |  |  |
| T1\_SES\_31 | I try to think through topics and decide what I’m supposed to learn from them, rather than studying topics by just reading them over. |  |  |  |  |  |
| T1\_SES\_32 | When studying, I try to combine different pieces of information from course material in new ways |  |  |  |  |  |
| T1\_SES\_**SA**\_A1 | I am an active participant of school activities such as sports day. |  |  |  |  |  |

## Delinquency scale (DS)

These items are as the original study authors intended (Geldhof et al., 2014), except T1\_DS\_4 (“graffiti” has been changed to “paint”, as graffiti is often used in a constructive way in our setting; we also dropped “just for fun”), and T1\_DS\_5 (we added “traditional weapon”).

T1\_DS\_1 - T1\_DS\_5 can be summed to gain a delinquency score, where higher scores indicate higher levels of delinquency.

We also added a new question on bullying (T1\_DS\_6). This can be added to the delinquency scale, though the alpha should be checked.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| How many times in the past year have you done the following things? | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T1\_DS\_1 | Stolen something from a store | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T1\_DS\_2 | Got into trouble with the police | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T1\_DS\_3 | Hit or beat up someone | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T1\_DS\_4 | Damaged property (such as breaking windows, scratching a car, putting paint on walls, etc.) | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T1\_DS\_5 | Carried a weapon (such as a gun, knife, traditional weapon, etc.) | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T1\_DS\_6 | Bullied someone | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |

## Beck Depression Inventory-II (BDI)

These items are as the original authors intended (Beck et al., 1996), aside from T1\_BDI\_9, where “killing myself” is now “hurting myself”. It was thought that the former was too extreme for this age group. These items can be summed to give an overall depression score (indicative, not diagnostic/clinically derived), where higher scores indicate higher levels of depression.

T1\_BDI\_16 & T1\_BDI\_18 have 7 response alternatives when administered. However, in order to derive the scale score, pairs of response options are collapsed to fit the format of the other items.

|  |  |
| --- | --- |
| This part of the questionnaire consists of 21 groups of statements. Please read each group of statements carefully, and then pick out the one statement in each group that best describes the way you have been feeling during the past two weeks, including today. Circle the number beside the statement you have picked. If several statements in the group seem to apply equally well, circle the highest number. Be sure that you do not choose more than one statement for any group. | |
| **Item name in dataset** | **Response** |
| T1\_BDI\_1 | 0 = I do not feel sad  1 = I feel sad much of the time  2 = I am sad all the time  3 = I am so sad or unhappy that I can’t stand it |
| T1\_BDI\_2 | 0 = I am not discouraged about my future  1 = I feel more discouraged about my future than I used to be  2 = I do not expect things to work out for me  3 = I feel my future is hopeless and will only get worse |
| T1\_BDI\_3 | 0 = I do not feel like a failure  1 = I have failed more than I should have  2 = As I look back, I see a lot of failures  3 = I feel I am a total failure as a person |
| T1\_BDI\_4 | 0 = I get as much pleasure as I ever did from the things I enjoy  1 = I don’t enjoy things as much as I used to  2 = I get very little pleasure from the things I used to enjoy  3 = I can’t get any pleasure from the things I used to enjoy |
| T1\_BDI\_5 | 0 = I don’t feel particularly guilty  1 = I feel guilty over many things I have done or should have done  2 = I feel quite guilty most of the time  3 = I feel guilty all of the time |
| T1\_BDI\_6 | 0 = I don’t feel I am being punished  1 = I feel I may be punished  2 = I expect to be punished  3 = I feel I am being punished |
| T1\_BDI\_7 | 0 = I feel the same about myself as ever  1 = I have lost confidence in myself  2 = I am disappointed in myself  3 = I dislike myself |
| T1\_BDI\_8 | 0 = I don’t criticize or blame myself more than usual  1 = I am more critical of myself than I used to be  2 = I criticize myself for all of my faults  3 = I blame myself for everything bad that happens |
| T1\_BDI\_9 | 0 = I don’t have any thoughts of hurting myself  1 = I have thoughts of hurting myself, but I would not carry them out  2 = I would like to hurt myself  3 = I would hurt myself if I had the chance |
| T1\_BDI\_10 | 0 = I don’t cry any more than I used to  1 = I cry more than I used to  2 = I cry over every little thing  3 = I feel like crying, but I can’t |
| T1\_BDI\_11 | 0 = I am no more restless or wound up than usual  1 = I feel more restless or wound up than usual  2 = I am so restless or agitated that it’s hard to stay still  3 = I am so restless or agitated that I have to keep moving or doing something |
| T1\_BDI\_12 | 0 = I have not lost interest in other people or activities  1 = I am less interested in other people or things than before  2 = I have lost most of my interest in other people or things  3 = It’s hard to get interested in anything |
| T1\_BDI\_13 | 0 = I make decisions as well as ever  1 = I find it more difficult to make decisions than usual  2 = I have much greater difficulty in making decisions than I used to  3 = I have trouble making any decisions |
| T1\_BDI\_14 | 0 = I do not feel I am worthless  1 = I don’t consider myself as worthwhile and useful as I used to  2 = I feel more worthless as compared to other people  3 = I feel utterly worthless |
| T1\_BDI\_15 | 0 = I have as much energy as ever  1 = I have less energy than I used to have  2 = I don’t have enough energy to do very much  3 = I don’t have enough energy to do anything |
| T1\_BDI\_16 | 0 = I have not experienced any change in my sleeping pattern  1 = I sleep somewhat more/less than usual  2 = I sleep a lot more/less than usual  3 = I sleep most of the day/I wake up 1-2 hours early and can’t get back to sleep |
| T1\_BDI\_17 | 0 = I am no more irritable than usual  1 = I am more irritable than usual  2 = I am much more irritable than usual  3 = I am irritable all the time |
| T1\_BDI\_18 | 0 = I have not experienced any change in my appetite  1 = My appetite is somewhat greater/less than usual  2 = My appetite is much greater/less than before  3 = I have no appetite at all/I crave food all the time |
| T1\_BDI\_19 | 0 = I can concentrate as well as ever  1 = I can’t concentrate as well as usual  2 = It’s hard to keep my mind on anything for very long  3 = I find I can’t concentrate on anything |
| T1\_BDI\_20 | 0 = I am no more tired or fatigued than usual  1 = I get more tired or fatigued more easily than usual  2 = I am too tired or fatigued to do a lot of the things I used to do  3 = I am too tired or fatigued to do most of the things I used to do |
| T1\_BDI\_21 | 0 = I have not noticed any recent change in my interest in sex  1 = I am less interested in sex than I used to be  2 = I am much less interested in sex now  3 = I have lost interest in sex completely |

## Work Engagement Scale (WES)

(Schaufeli et al., 2006; Schaufeli & Bakker, 2004). The items are as the original study authors intended. This scale can be summed to gain an overall work engagement score, where higher scores mean greater engagement. There are also three subscales: **Vigour**: T1\_WES\_1, T1\_WES\_2, T1\_WES\_5; **Dedication**: T1\_WES\_3, T1\_WES\_4, T1\_WES\_7; and **Absorption**: items T1\_WES\_6, T1\_WES\_8, T1\_WES\_9.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **If you are working and not in school, please answer the following questions (if not, skip to the next section).**  The following 9 statements are about how you feel at work. Please read each statement carefully and decide if you ever feel this way about your job. If you have never had this feeling, please choose “Never”. If you have had this feeling, indicate how often you feel it by crossing the statement that best describes how frequently you feel that way. | | | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | | | |
|  |  | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T1\_WES\_1 | At my work, I feel bursting with energy |  |  |  |  |  |  |  |
| T1\_WES\_2 | At my job, I feel strong and vigorous |  |  |  |  |  |  |  |
| T1\_WES\_3 | I am enthusiastic about my job |  |  |  |  |  |  |  |
| T1\_WES\_4 | My job inspires me |  |  |  |  |  |  |  |
| T1\_WES\_5 | When I get up in the morning, I feel like going to work |  |  |  |  |  |  |  |
| T1\_WES\_6 | I feel happy when I am working intensely |  |  |  |  |  |  |  |
| T1\_WES\_7 | I am proud of the work that I do |  |  |  |  |  |  |  |
| T1\_WES\_8 | I am immersed in my work |  |  |  |  |  |  |  |
| T1\_WES\_9 | I get carried away when I’m working |  |  |  |  |  |  |  |

## Substance use scale (SUS)

(Geldhof et al., 2014). We have adapted the following items to better contextualise them. **CA only.**

T1\_CA\_SUS\_2: we dropped “…or snuff”;

T1\_CA\_SUS\_3: we changed “Had any beer, wine, wine coolers, or liquour to drink – more than just a few sips” to “Drank beer, wine, alcoholic drinks”;

T1\_CA\_SUS\_4: we changed “gases” to “petrol”;

T1\_CA\_SUS\_5: we dropped “…(grass, pot) or hashish (hash, hash oil)”;

T1\_CA\_SUS\_6: we dropped “LSD” and included “mandrax, meth, fentanyl, etc”;

T1\_CA\_SUS\_7: we changed “steroid pills or shots” to “prescription pills”.

The results can be summed, where higher scores indicate higher risk. However, care should be taken when interpreting results, given our broad age sample. For instance, when cigarettes and alcohol can be consumed legally.

The alphas of Gelhof’s study ranged from 0.76 to 0.86 across Grades 7 through 12.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| How many times in the past year have you done the following things? | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T1\_**CA**\_SUS\_1 | Smoked cigarettes | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T1\_**CA**\_SUS\_2 | Used chewing tobacco | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T1\_**CA**\_SUS\_3 | Drank beer, wine, alcoholic drinks | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T1\_**CA**\_SUS\_4 | Sniffed glues, sprays or petrol | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T1\_**CA**\_SUS\_5 | Used marijuana | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T1\_**CA**\_SUS\_6 | Used any other drug (such as ecstasy, speed, heroin, crack or cocaine, mandrax, meth, fentanyl, etc). | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T1\_**CA**\_SUS\_7 | Taken prescription pills without a doctor’s permission | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |

## Risky behaviours scale (RB)

T1\_CA\_RB\_1 has been created for this survey. It can standalone or be included in the previous scale to form a broader Risky behaviours scale. However, the alpha should be checked, plus bear in mind the age of the participant and local age of consent. **CA only.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | |
| T1\_**CA**\_RB\_1 | Had willing unprotected sexual intercourse | Never (1) | Once or twice (2) | Occasionally (3) | Regularly (4) |

## Social Media (SM)

An additional page was added to the survey, following feedback from the schools when we began to pilot the tool. All questions are developed specifically for the questionnaire. **CA only!**

|  |  |
| --- | --- |
| Please indicate how much you use social media platforms on an average day: | |
| **Item name in dataset** | **Response** |
| T1\_CA\_SM\_hours\_Facebook | open ended question (number) |
| T1\_CA\_SM\_hours\_Instagram | open ended question (number) |
| T1\_CA\_SM\_hours\_Snapchat | open ended question (number) |
| T1\_CA\_SM\_hours\_Twitter | open ended question (number) |
| T1\_CA\_SM\_hours\_Other\_type\_1 | open ended question (string) |
| T1\_CA\_SM\_hours\_Other\_hours\_1 | open ended question (number) |
| T1\_CA\_SM\_hours\_Other\_type\_2 | open ended question (string) |
| T1\_CA\_SM\_hours\_Other\_hours\_2 | open ended question (number) |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T1\_CA\_SM\_stressful | How stressful do you find using social media? (for example, from the pressure to respond to posts/messages, experiences of cyberbullying, etc) | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| T1\_CA\_SM\_stressful\_things\_1  T1\_CA\_SM\_stressful\_things\_2  T1\_CA\_SM\_stressful\_things\_3 | If you do get stressed by social media, what 3 things stress you the most? | open ended question (string) |

The next two questions enquire about the importance of social media for maintaining friendships. They could be summed or considered individually.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T1\_CA\_SM\_importance\_maintain\_real\_friends | How important is social media for maintaining friendships with people you know in everyday life? | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T1\_CA\_SM\_importance\_online\_friends | How important to you are online friendships and interaction with people you do NOT know in ‘real life’? | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |

The final question asks how individuals learn about what is going on in their community. We can gain a ranking of sources from this section.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| How often do you use the following to learn about what’s going on in your community? | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T1\_CA\_community\_news\_mouth | Word-of-mouth (family and friends) | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T1\_CA\_community\_news\_facebook | Facebook | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T1\_CA\_community\_news\_internet | Other internet source | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T1\_CA\_community\_news\_internet\_source | Internet source name | open ended question (string) | | | | |
| T1\_CA\_community\_news\_newspaper | Newspaper | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T1\_CA\_community\_news\_newspaper\_name | newspaper name | open ended question (string) | | | | |
| T1\_CA\_community\_news\_radio | Radio | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T1\_CA\_community\_news\_poster\_flyer | Posters and flyers | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T1\_CA\_community\_news\_other | Other | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T1\_CA\_community\_news\_other\_type | Other type | open ended question (string) | | | | |

## Hair sample questions

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| T1\_Hair\_Lab\_comment |  | string |
| T1\_Hair\_natural\_colour | What is your natural hair colour? | 1 = Black  2 = Brown  3 = Blonde  4 = Red  5 = Grey |
| T1\_Hair\_treatment | Has your hair been chemically treated in the past 6 months? | 1 = Yes  2 = No  3 = Not sure |
| T1\_Hair\_treatment\_details\_1-3 | If "yes", tick all that apply | 1 = Bleached  2 = Dyed  3 = Permed  4 = Relaxed  5 = Other |
| T1\_Hair\_treatment\_details\_other | Other | open ended question (string) |
| T1\_Hair\_treatment\_date | When was your last hair treatment? | 1 = Less than 1 month ago  2 = 1-2 months ago  3 = 3-4 months ago  4 = More than 4 months ago |
| T1\_Hair\_washing\_frequency | How often is your hair washed in a week? | 1 = Less than 1 time a week  2 = 1-2 times a week  3 = 3-4 times a week  4 = More than 4 times a week |
| T1\_Hair\_product | Was hair product used on the day of the hair sample collection? (today) | 1 = Yes  2 = No  3 = Not sure |
| T1\_Hair\_product\_details\_1-4 | If "yes", what kind of hair product was used? | 1 = Mousse  2 = Gel  3 = Wax  4 = Hair spray  5 = Conditioner  6 = Other |
| T1\_Hair\_product\_details\_other | Other | open ended question (string) |
| T1\_Hair\_corticosteroids | In the past 6 months, have you used any corticosteroids, such as cortisone, dexamethasone, hydrocortinsone (Cortef), prednisone, methylprednisone (Medrol), prednisilone (Orapred, Prelone)? | 1 = Yes  2 = No  3 = Not sure |
| T1\_Hair\_corticosteroids\_details\_1-3 | If "yes", what kind of corticosteroids have you used? | 1 = Pills  2 = Inhalation  3 = Ointment  4 = Nasal spray  5 = Don’t know  6 = other |
| T1\_Hair\_corticosteroids\_details\_other | other | open ended question (string) |

## Cortisol and DHEA

Based on the hair sample questions, two variables were derived that indicate if a Cortisol and/or DHEA probe should be used in an analysis. It is also usual to exclude or winsorize probes that are below or above 3SD from the mean. That is up to the analyst but it is recommended to not use such extreme values.

|  |  |  |
| --- | --- | --- |
| T1\_Cort\_pg\_mg |  | number |
| T1\_DHEA\_pg\_mg |  | number |
| T1\_Cort\_exclude | Reasons to exclude participant | 0 = Include  1 = Exclude (corticosteroid yes or maybe)  2 = Exclude (+/- 3SD from group mean)  3 = Exclude (corticosteroid yes and +/- 3SD from group mean) |
| T1\_DHEA\_exclude | Reasons to exclude participant | 0 = Include  1 = Exclude (corticosteroid yes or maybe)  2 = Exclude (+/- 3SD from group mean)  3 = Exclude (corticosteroid yes and +/- 3SD from group mean) |

# **Coding: T1A**

## Socio-demographics/-economics

|  |  |  |
| --- | --- | --- |
| T1a\_SA\_Date |  | When survey was completed |

|  |  |  |
| --- | --- | --- |
| Education | | |
| T1a\_edu\_1 | CA: Do you go to school?    SA: Are you at school? | 1 = Yes  2 = No |
| T1a\_edu\_1a | CA: If yes, which grade (High School) or year (Post-Secondary) are you in?  SA: If yes, which grade are you in? | open ended question (string) |
| T1a\_edu\_**SA**\_A1 | If you are at school, which school are you at? | open ended question (string) |
| T1a\_edu\_**SA**\_A2 | Do you work a paid part-time job while you are still in school? | 1 = Yes  2 = No |

|  |  |  |
| --- | --- | --- |
| Spending time | | |
| T1a\_Spending\_time\_A-H  A: Unemployed, looking for work  B: Unemployed but not looking for work  C: Temporary/seasonal labour  D: Part-time employed  E: Full-time employed  F: Self-employed  G: Completing a skills development course  H: Other (specify) | What do you do with your time now? | 1 = yes |
| T1a\_Spending\_time\_CA\_A1 | What do you do with your time now? Nothing | 1 = yes |

|  |  |  |
| --- | --- | --- |
| SA: Household | | |
| T1a\_**SA**\_household\_main\_income\_1 | What is your everyday home MAIN/BIGGEST source of income? Choose only the main one. | 1 = Salaries, wages, commissions  2 = Income from a business/self-employed  3 = Pensions  4 = Social welfare  5 = Maintenance  6 = Sales from farm products and services  7 = Other |
| T1a\_**SA**\_household\_main\_income\_1a | What is your everyday home MAIN/BIGGEST source of income? Choose only the main one. Other | open ended question (string) |

|  |  |  |
| --- | --- | --- |
| SA: Community places | | |
| T1a\_**SA**\_Community\_Places\_1\_avoid | Is there one or more places in your community that you fear, regard as unsafe and tend to avoid? | 1 = Yes  2 = No |
| T1a\_**SA**\_Community\_Places\_1\_avoid\_A  T1a\_**SA**\_Community\_Places\_1\_avoid\_B  T1a\_**SA**\_Community\_Places\_1\_avoid\_C |  | open ended question (string) |
| T1a\_**SA**\_Community\_Places\_2\_happy | When you are feeling down or sad, is there a place in your community that you can go to make you feel better? | 1 = Yes  2 = No |
| T1a\_**SA**\_Community\_Places\_2\_happy\_A  T1a\_**SA**\_Community\_Places\_2\_happy\_B  T1a\_**SA**\_Community\_Places\_2\_happy\_C |  | open ended question (string) |

### CA: Club involvement

Club involvement was a new variable included for T1A. It arose from discussions with members of DV who were interested in youth involvement with clubs. These items should not be summed but presented individually.

|  |  |  |
| --- | --- | --- |
| T1a\_CA\_Club\_invol\_1 | Have you ever been involved with an organized sports/fitness activity or club? | 1 = yes  2 = no |
| T1a\_CA\_Club\_invol\_1a | If yes, when was the last time you were involved in organized sports/fitness club? | 1 = I am involved with one now  2 = 6 months ago  3 = 1 year ago  4 = More than 1 year ago  5 = Not applicable |

## Child Post-Traumatic Stress - Reaction Index (CPTS)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Never  (1)  Not at all | A little  (2) | Sometimes  (3)  Not a little and not a lot / inbetween | Often  (4)  Quite a lot | Most of the time  (5)  A lot |
| T1a\_CPTS\_1 | Do you get scared or afraid because you think about bad things that have happened to you? |  |  |  |  |  |
| T1a\_CPTS\_2 | Do you imagine that you see people or hear voices that remind you of bad things that have happened to you? |  |  |  |  |  |
| T1a\_CPTS\_3 | Do thoughts or pictures of bad things that have happened to you come back to you, even when you don’t want them to? |  |  |  |  |  |
| T1a\_CPTS\_4 | Do you have bad dreams about someone dying or getting hurt or other scary things? |  |  |  |  |  |
| T1a\_CPTS\_5 | Do you worry that the bad things that have happened to you could happen again? |  |  |  |  |  |
| T1a\_CPTS\_6 | Do you feel bored, like things just aren’t fun? |  |  |  |  |  |
| T1a\_CPTS\_7 | Do you feel like no one can really understand things you’ve been through? |  |  |  |  |  |
| T1a\_CPTS\_8 | Do you wish you had no feelings? |  |  |  |  |  |
| T1a\_CPTS\_9 | Can you talk about bad things that have happened to you and how they made you feel? |  |  |  |  |  |
| T1a\_CPTS\_10 | If someone comes up behind you all of a sudden, or if you hear a loud noise, do you jump? |  |  |  |  |  |
| T1a\_CPTS\_11 | Do you sleep okay? |  |  |  |  |  |
| T1a\_CPTS\_12 | Do you feel like the bad things that have happened to you are your fault? |  |  |  |  |  |
| T1a\_CPTS\_13 | Do thoughts and feelings about bad things that have happened to you make it hard for you to read or do your schoolwork/paid work? |  |  |  |  |  |
| T1a\_CPTS\_14 | Is it hard for you to concentrate and keep your mind on your schoolwork/paid work or other things? |  |  |  |  |  |
| T1a\_CPTS\_15 | Do you wish you could stay away from people, places, and things that make you think about bad things that have happened to you? |  |  |  |  |  |
| T1a\_CPTS\_16 | When something reminds you, or makes you think about bad things that have happened to you, do you get scared or upset? |  |  |  |  |  |
| T1a\_CPTS\_17 | Do you avoid thinking about bad things that have happened? |  |  |  |  |  |
| T1a\_CPTS\_18 | Do you have stomach aches, headaches, or feel scared? |  |  |  |  |  |
| T1a\_CPTS\_19 | Do you fight, break rules, or do things where you can get in trouble or hurt? |  |  |  |  |  |
| T1a\_CPTS\_20 | Would most people be bothered by the bad things that have happened to you? |  |  |  |  |  |
| T1a\_CPTS\_**SA**\_A1 | Think about the most upsetting or frightening thing that happened to you in the past year.  Where did it happen? | 1 = Home  2 = School  3 = Neighbourhood  4 = Somewhere else | | | | |
| T1a\_CPTS\_**SA**\_A2 | Think about the most upsetting or frightening thing that happened to you in the past year. Where did it happen? other | open ended question (string) | | | | |
| T1a\_CPTS\_**SA**\_A3 | How muchdid it bother you when it happened? | Not at all  (1) | A little  (2) | Not a little and not a lot / inbetween / sometimes (3) | Quite a lot  (4) | A lot  (5) |

## Impairment Associated with the Traumatic Symptoms Scale (IATSS)

These items were developed by the SAHA Research Evaluation Team and should be cited such (i.e., Ruchkin et al., 2004). It is unclear if these items sum to form a scale and are perhaps best left as individual items (PJ).

We also adapted the second item, adding “/work” to include those in work/no longer in school. We also adapted the third item, adding “your” to make it more readable. Finally, we changed the fourth Likert category from “Moderately” to “Quite a lot” to make it more understandable (better differentiation from “some”).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Now please think about the questions you just answered… | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T1a\_IATSS\_1 | Did any of these cause problems for you at home? | Not at all (1) | A little  (2) | Some  (3)  Not a little and not a lot / inbetween / sometimes | Quite a lot (4) | A lot  (5) |
| T1a\_IATSS\_2 | Did any of these cause problems for you at school/work? | Not at all (1) | A little  (2) | Some  (3)  Not a little and not a lot / inbetween / sometimes | Quite a lot (4) | A lot  (5) |
| T1a\_IATSS\_3 | Did any of these cause problems for you with your friends? | Not at all (1) | A little  (2) | Some  (3)  Not a little and not a lot / inbetween / sometimes | Quite a lot (4) | A lot  (5) |

## Short Form Health Survey (SF-15)

**Only CA!**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | | | | | | | | | |
| T1a\_**CA**\_SF15\_1 | In general, would you say your health is… | Excellent  (1) | | Very good  (2) | | | Good  (3) | | | Fair  (4) | | | Poor  (5) | |
| For how long (if at all) has your **health limited you** in **each** of the following activities?… | | | | | | | | | | | | | | |
| T1a\_**CA**\_SF15\_2 | Vigorous activities, like lifting heavy objects, running or participating in strenuous sports  The kinds or amounts of activities that take lots of energy, like lifting heavy objects, running or participating in active sports | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1a\_**CA**\_SF15\_3 | Moderate activities, like moving a table, carrying groceries, or bowling  The kinds or amounts of activities that do NOT take lots of energy, like moving a table, carrying groceries, or bowling | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1a\_**CA**\_SF15\_4 | Walking uphill or climbing a few flights of stairs | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1a\_**CA**\_SF15\_5 | Bending, lifting, or stooping | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1a\_**CA**\_SF15\_6 | Walking one block | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1a\_**CA**\_SF15\_7 | Eating, dressing, bathing, or using the toilet | Limited for more than 3 months (1) | | | Limited for 3 months or less  (2) | | | | Not limited at all  (3) | | | | | |
| T1a\_**CA**\_SF15\_8 | How much bodily pain have you had during the past 4 weeks? | None  (1) | Very mild  (2) | | | Mild  (3) | | Moderate  (4) | | | | Severe  (5) | | Very severe  (6) |
| T1a\_**CA**\_SF15\_9 | Does your health keep you from working at a job, doing work around the house, or going to school? | Limited for more than 3 months (1) | | | | Limited for 3 months or less (2) | | | | | Not limited at all  (3) | | | |
| T1a\_**CA**\_SF15\_10 | Have you been unable to do certain kinds or amounts of work, housework, or schoolwork because of your health? | Limited for more than 3 months (1) | | | | Limited for 3 months or less (2) | | | | | Not limited at all  (3) | | | |
| T1a\_**CA**\_SF15\_11 | How much of the time, during the past month, has your health limited your social activities (like visiting with friends or close relatives)? | All of the time  (1) | Most of the time  (2) | | | A good bit of the time  (3) | | Some of the time  (4) | | | A little of the time  (5) | | | None of the time  (6) |
| Please select the option that best describes whether each of the following statements is true or false for you. | | | | | | | | | | | | | | |
| T1a\_**CA**\_SF15\_12 | CA: I am somewhat ill  SA: I am a little bit ill | Definitely true  (1) | | Mostly true  (2) | | | Not sure  (3) | | | Mostly false  (4) | | | Definitely false  (5) | |
| T1a\_**CA**\_SF15\_13 | I am as healthy as anybody I know | Definitely true  (1) | | Mostly true  (2) | | | Not sure  (3) | | | Mostly false  (4) | | | Definitely false  (5) | |
| T1a\_**CA**\_SF15\_14 | My health is excellent | Definitely true  (1) | | Mostly true  (2) | | | Not sure  (3) | | | Mostly false  (4) | | | Definitely false  (5) | |
| T1a\_**CA**\_SF15\_15 | I have been feeling bad lately | Definitely true  (1) | | Mostly true  (2) | | | Not sure  (3) | | | Mostly false  (4) | | | Definitely false  (5) | |

## Perception of Neighbourhood scale (PoNS)

**Only SA!**

This includes the original 8 item scale and extended SA scale as in T1. However, three more items have been added to this assessment. Therefore, 3 different scale scores can be computed: two that can be compared with T1 and a third one specific to this survey.

|  |  |  |
| --- | --- | --- |
| Please rate your agreement with the following statements: | | |
| **Item name in dataset** | **Question** | **Response** |
|  |  | 1 = Definitely not true  2 = Mostly not true  3 = Mostly true  4 = Definitely true |
| T1a\_**SA**\_PoNS\_1 | It is safe to walk alone in my neighbourhood/community after dark. |  |
| T1a\_**SA**\_PoNS\_2 | In my neighbourhood/community there are good places to spend time with my friends. |  |
| T1a\_**SA**\_PoNS\_3 | There is litter, or garbage on the streets, on sidewalks, or in yards in my neighbourhood/community. |  |
| T1a\_**SA**\_PoNS\_4 | I feel safe in my neighbourhood/community. |  |
| T1a\_**SA**\_PoNS\_5 | I like spending time in my neighbourhood/community. |  |
| T1a\_**SA**\_PoNS\_6 | Some people sell or use drugs in my neighbourhood/community. |  |
| T1a\_**SA**\_PoNS\_7 | People in my neighbourhood/community are willing to help each other. |  |
| T1a\_**SA**\_PoNS\_8 | In my neighbourhood/community there are problems because of racial or cultural differences. |  |
| T1a\_**SA**\_PoNS\_A1 | My neighbourhood/community looks nice. |  |
| T1a\_**SA**\_PoNS\_A2 | People on the streets in my neighbourhood/community are friendly. |  |
| T1a\_**SA**\_PoNS\_A3 | In my neighbourhood/community, people are happy when others succeed |  |
| T1a\_**SA**\_PoNS\_A4 | In my neighbourhood/community, people normally share information about how they are able to succeed |  |
| T1a\_**SA**\_PoNS\_A5 | Because there are limited resources in my neighbourhood/community, I have to compete with others for resources |  |

## Child and Youth Resilience Measure (CYRM)

SA has only used the CYRM-12, while CA has used all 29 items from T1.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Please rate your agreement with the following statements: | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Not at all (1) | A little  (2) | Somewhat  (3)  Not a little and not a lot / in-between / sometimes | Quite a lot  (4) | A lot  (5) |
| T1a\_CYRM\_1\_**CA**\_A1 | I have people I can respect in my life. |  |  |  |  |  |
| T1a\_CYRM\_2\_**CA**\_A2 | I cooperate well with people who are close to me. |  |  |  |  |  |
| T1a\_CYRM\_3 | Getting an education and/or improving qualifications/skills is important to me. |  |  |  |  |  |
| T1a\_CYRM\_4\_**CA**\_A3 | I know how to behave in different social situations. |  |  |  |  |  |
| T1a\_CYRM\_5 | My family have usually supported me throughout life. |  |  |  |  |  |
| T1a\_CYRM\_6 | My family know a lot about me. |  |  |  |  |  |
| T1a\_CYRM\_7\_**CA**\_A4 | If I am hungry, I can get food to eat. |  |  |  |  |  |
| T1a\_CYRM\_8 | I try to finish what I start. |  |  |  |  |  |
| T1a\_CYRM\_9 | Spiritual beliefs are a source of strength for me. |  |  |  |  |  |
| T1a\_CYRM\_10\_**CA**\_A5 | I am proud of my ethnic background. |  |  |  |  |  |
| T1a\_CYRM\_11\_**CA**\_A6 | People like to spend time with me |  |  |  |  |  |
| T1a\_CYRM\_12\_**CA**\_A7 | I talk to my family/partner about how I feel. |  |  |  |  |  |
| T1a\_CYRM\_13\_**CA**\_A8 | I am able to solve problems without harming myself or others (for example, by using drugs and/or being violent). |  |  |  |  |  |
| T1a\_CYRM\_14\_**CA**\_A9 | I feel supported by my friends. |  |  |  |  |  |
| T1a\_CYRM\_15 | I know where to go in my community to get help. |  |  |  |  |  |
| T1a\_CYRM\_16\_**CA**\_A10 | I feel I belong in my community. |  |  |  |  |  |
| T1a\_CYRM\_17 | My family stands by me during difficult times. |  |  |  |  |  |
| T1a\_CYRM\_18\_**CA**\_A11 | My friends stand by me during difficult times. |  |  |  |  |  |
| T1a\_CYRM\_19\_**CA**\_A12 | I am treated fairly in my community. |  |  |  |  |  |
| T1a\_CYRM\_20\_**CA**\_A13 | I have opportunities to show others that I can act responsibly. |  |  |  |  |  |
| T1a\_CYRM\_21 | I am aware of my own strengths. |  |  |  |  |  |
| T1a\_CYRM\_22 | I participate in organized religious activities. |  |  |  |  |  |
| T1a\_CYRM\_23\_**CA**\_A14 | I think it is important to serve my community. |  |  |  |  |  |
| T1a\_CYRM\_24 | I feel safe when I am with my family. |  |  |  |  |  |
| T1a\_CYRM\_25 | I have opportunities to develop skills that will be useful later in life (like job skills and skills to care for others). |  |  |  |  |  |
| T1a\_CYRM\_26\_**CA**\_A15 | I enjoy my family's/partner’s cultural and family traditions. |  |  |  |  |  |
| T1a\_CYRM\_27 | I enjoy my community's traditions. |  |  |  |  |  |
| T1a\_CYRM\_28\_**CA**\_A16 | I am proud to be a part of Canada / South Africa. |  |  |  |  |  |
| T1a\_CYRM\_**CA**\_A1 | I am proud to be a part of Drayton Valley |  |  |  |  |  |

## Benevolent Childhood Experiences scale (BCE)

**SA only!**

|  |  |  |
| --- | --- | --- |
| Please answer the following questions. Have you… | | |
| **Item name in dataset** | **Question** | **Response** |
| T1a\_**SA**\_BCE\_1 | Have you had at least one parent/parent-figure/caregiver whom you felt safe with? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_2 | Have you had at least one good friend? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_3 | Have you had beliefs that gave you comfort? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_4 | Have you liked school? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_5 | Have you had at least one teacher who cared about you? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_6 | Have you had good neighbours? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_7 | Have you had an adult (not a parent/parent-figure/caregiver or the person from the first question in this section – question 30) who could give you support and advice? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_8 | Have you had opportunities to have a good time? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_9 | Have you liked yourself or felt comfortable with yourself? | 1 = Yes  2 = No |
| T1a\_**SA**\_BCE\_10 | Have you had a predictable home routine, like regular meals and a regular bedtime? | 1 = Yes  2 = No |

## Peer Support Scale (PeerSupp)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| The following questions are about your friends. Please select how true each of these statements is for you: | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T1a\_PeerSupp\_1 | I trust my friends | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |
| T1a\_PeerSupp\_2 | I feel my friends are good friends | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |
| T1a\_PeerSupp\_3 | My friends care about me | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |
| T1a\_PeerSupp\_4 | My friends are there when I need them | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |

## Parental-caregiver supervision (PCSuper)

**SA only!**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| If living with a parent/ caregiver/guardian, when you are not home (e.g., after school/work), do they usually know: | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T1a\_**SA**\_PCSuper\_1 | Where you are? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1a\_**SA**\_PCSuper\_2 | Who you are with? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1a\_**SA**\_PCSuper\_3 | What you are doing? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1a\_**SA**\_PCSuper\_4 | When you are coming back? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |

## Parental-caregiver warmth (PCWarm)

**SA only!**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| If living with a parent/ caregiver/guardian, when you are not home (e.g., after school/work), do they usually know: | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T1a\_**SA**\_PCWarm\_1 | Is proud of me. | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1a\_**SA**\_PCWarm\_2 | Shows their love for me. | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T1a\_**SA**\_PCWarm\_3 | Makes me feel good when I am with them | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |

## Beck Depression Inventory-II (BDI)

|  |  |
| --- | --- |
| This part of the questionnaire consists of 21 groups of statements. Please read each group of statements carefully, and then pick out the one statement in each group that best describes the way you have been feeling during the past two weeks, including today. Circle the number beside the statement you have picked. If several statements in the group seem to apply equally well, circle the highest number. Be sure that you do not choose more than one statement for any group. | |
| **Item name in dataset** | **Response** |
| T1a\_BDI\_1 | 0 = I do not feel sad  1 = I feel sad much of the time  2 = I am sad all the time  3 = I am so sad or unhappy that I can’t stand it |
| T1a\_BDI\_2 | 0 = I am not discouraged about my future  1 = I feel more discouraged about my future than I used to be  2 = I do not expect things to work out for me  3 = I feel my future is hopeless and will only get worse |
| T1a\_BDI\_3 | 0 = I do not feel like a failure  1 = I have failed more than I should have  2 = As I look back, I see a lot of failures  3 = I feel I am a total failure as a person |
| T1a\_BDI\_4 | 0 = I get as much pleasure as I ever did from the things I enjoy  1 = I don’t enjoy things as much as I used to  2 = I get very little pleasure from the things I used to enjoy  3 = I can’t get any pleasure from the things I used to enjoy |
| T1a\_BDI\_5 | 0 = I don’t feel particularly guilty  1 = I feel guilty over many things I have done or should have done  2 = I feel quite guilty most of the time  3 = I feel guilty all of the time |
| T1a\_BDI\_6 | 0 = I don’t feel I am being punished  1 = I feel I may be punished  2 = I expect to be punished  3 = I feel I am being punished |
| T1a\_BDI\_7 | 0 = I feel the same about myself as ever  1 = I have lost confidence in myself  2 = I am disappointed in myself  3 = I dislike myself |
| T1a\_BDI\_8 | 0 = I don’t criticize or blame myself more than usual  1 = I am more critical of myself than I used to be  2 = I criticize myself for all of my faults  3 = I blame myself for everything bad that happens |
| T1a\_BDI\_9 | 0 = I don’t have any thoughts of hurting myself  1 = I have thoughts of hurting myself, but I would not carry them out  2 = I would like to hurt myself  3 = I would hurt myself if I had the chance |
| T1a\_BDI\_10 | 0 = I don’t cry any more than I used to  1 = I cry more than I used to  2 = I cry over every little thing  3 = I feel like crying, but I can’t |
| T1a\_BDI\_11 | 0 = I am no more restless or wound up than usual  1 = I feel more restless or wound up than usual  2 = I am so restless or agitated that it’s hard to stay still  3 = I am so restless or agitated that I have to keep moving or doing something |
| T1a\_BDI\_12 | 0 = I have not lost interest in other people or activities  1 = I am less interested in other people or things than before  2 = I have lost most of my interest in other people or things  3 = It’s hard to get interested in anything |
| T1a\_BDI\_13 | 0 = I make decisions as well as ever  1 = I find it more difficult to make decisions than usual  2 = I have much greater difficulty in making decisions than I used to  3 = I have trouble making any decisions |
| T1a\_BDI\_14 | 0 = I do not feel I am worthless  1 = I don’t consider myself as worthwhile and useful as I used to  2 = I feel more worthless as compared to other people  3 = I feel utterly worthless |
| T1a\_BDI\_15 | 0 = I have as much energy as ever  1 = I have less energy than I used to have  2 = I don’t have enough energy to do very much  3 = I don’t have enough energy to do anything |
| T1a\_BDI\_16\_original | Unfortunately, this item was wrongly administered as a question with an open answer format. Most people used the codes as in T1a\_BDI\_16\_cleaned. However, some wrote about their sleep and we tried to choose the most appropriate response option. |
| T1a\_BDI\_16\_cleaned | 0 = I have not experienced any change in my sleeping pattern  1 = I sleep somewhat more/less than usual  2 = I sleep a lot more/less than usual  3 = I sleep most of the day/I wake up 1-2 hours early and can’t get back to sleep |
| T1a\_BDI\_17 | 0 = I am no more irritable than usual  1 = I am more irritable than usual  2 = I am much more irritable than usual  3 = I am irritable all the time |
| T1a\_BDI\_18 | 0 = I have not experienced any change in my appetite  1 = My appetite is somewhat greater/less than usual  2 = My appetite is much greater/less than before  3 = I have no appetite at all/I crave food all the time |
| T1a\_BDI\_19 | 0 = I can concentrate as well as ever  1 = I can’t concentrate as well as usual  2 = It’s hard to keep my mind on anything for very long  3 = I find I can’t concentrate on anything |
| T1a\_BDI\_20 | 0 = I am no more tired or fatigued than usual  1 = I get more tired or fatigued more easily than usual  2 = I am too tired or fatigued to do a lot of the things I used to do  3 = I am too tired or fatigued to do most of the things I used to do |
| T1a\_BDI\_21 | 0 = I have not noticed any recent change in my interest in sex  1 = I am less interested in sex than I used to be  2 = I am much less interested in sex now  3 = I have lost interest in sex completely |

# **Coding: T2**

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| T2\_Date | When survey was completed | Date |

## Socio-demographics/-economics

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| T2\_Date |  | When survey was completed |

|  |  |  |
| --- | --- | --- |
| SA: Race, sex, age, language | | |
| T2\_**SA**\_Race | What race do you identify with? | 1 = Indigenous (e.g., First Nations, Inuit, Métis)  2 = South Asian (e.g., East Indian, Pakistani, Punjabi, Sri Lankan)  3 = Southeast Asian (e.g., Cambodian, Indonesian, Laotian, Vietnamese)  4 = Middle Eastern (e.g., Armenian, Egyptian, Iranian, Lebanese)  5 = Black (e.g., African, Caribbean)  6 = White  7 = Filipino  8 = Latin American (e.g., Mexican, South American, Central American)  9 = Asian (e.g., Chinese, Korean, Japanese)  10 = Coloured  11 = Indian  12 = Other (please specify…)  13 = Mixed race (please list all groups that apply): |
| T2\_**SA**\_Sex | What is your gender? | 1 = Female  2 = Male  3 = Other – Trans male  4 = Other – Trans female  5 = Other |
| T2\_**SA**\_Age | How old are you? | open ended question (number) |
| T2\_**SA**\_Languages | Which language/s are you most comfortable with? | open ended question (string) |

|  |  |  |
| --- | --- | --- |
| Household | | |
| T2\_household\_residents\_1 | How many people (including you) live in your everyday home? | open ended question (number) |
| T2\_household\_residents\_1a | How many of these people are 17 or younger? | open ended question (number) |
| T2\_household\_residents\_1b | How many of the adults who live in your everyday home are employed? | open ended question (number) |
| T2\_**SA**\_household\_main\_income\_1 | What is your everyday home MAIN/BIGGEST source of income? Choose only the main one. | 1 = Salaries, wages, commissions  2 = Income from a business/self-employed  3 = Pensions  4 = Social welfare/grants  5 = Maintenance  6 = Sales from farm products and services  7 = Other  8 = Don’t know |
| T2\_**SA**\_household\_main\_income\_1\_other | What is your everyday home MAIN/BIGGEST source of income? Choose only the main one. Other | open ended question (string) |

|  |  |  |
| --- | --- | --- |
| SA: Housing | | |
| T2\_**SA**\_housing\_1a/b:  31 participants chose two responses; therefore, two variables were created. Each for one of these responses + the responses from the other participants which are the same in both variables  a: first response that was chosen  b: second response that was chosen | What type of house do you live in most of the time? | 1= Formal brick house  2= RDP house  3= Flats  4= Back room [outside room]  5= Rent a single room in a house  6= Wendy house [wood flat]  7= Shack  8 = Caravan  9 = On the street  10= Hostel  11= Other (specify) |
| T2\_**SA**\_housing\_2 | What is your main source of water at your everyday home? | 1 = Tap inside the house  2 = Water from tap in own yard  3 = Water collected from community taps  4 = Water purchased from a vendor/shop  5 = Water from municipal truck  6 = Other (specify) |
| T2\_**SA**\_housing\_2\_other | What is your main source of water at your everyday home? other | open ended question (string) |
| T2\_**SA**\_housing\_3 | What is the main source you use to cook with at your everyday home? | 1 = Electricity  2 = Gas  3 = Paraffin  4 = Wood  5 = Coal  6 = Crop waste  7 = Animal dung  8 = Other |
| T2\_**SA**\_housing\_4 | Do you SOMETIMES use something else to cook at your everyday home? | 1 = Yes  2 = No |
| T2\_**SA**\_housing\_4a\_A-H  1: Electricity  2: Gas  3: Paraffin  4: Wood  5: Coal  6: Crop waste  7: Animal dung  8: Other | If yes, please list what you sometimes use to cook with | 1 = Yes  2 = No |
| T2\_**SA**\_housing\_5 | What type of toilet do you use at your everyday house? | 1 = Flush  2 = Pit latrine [a hole in the ground]  3 = Mobile toilet  4 = Bucket toilet  5 = No toilet  6 = Other |
| T2\_**SA**\_housing\_6 | Where is the toilet at your everyday house? | 1 = Inside the house  2 = Outside of the house  3 = Both |
| T2\_**SA\_**housing\_7 | Does someone run a business at the house/property where you live most of the time? | 1 = Yes  2 = No |
| T2\_**SA**\_housing\_7a | If yes, what type of business is it? | open ended question (string) |

|  |  |  |
| --- | --- | --- |
| CA: Drayton Valley | | |
| T2\_**CA**\_DV\_1b | How many years have you lived in Drayton Valley? | open ended question (number) |
| T2\_**CA**\_DV\_3 | How likely is it that you will stay living in the Drayton Valley area in the future? | 1 = Not at all  2 = A little  3 = Somewhat  4 = Quite a bit  5 = A lot |

|  |  |  |
| --- | --- | --- |
| CA: Moved | | |
| T2\_**CA**\_Moved | Have you moved from where you lived since you took our first survey? | 1 = Yes  2 = No  3 = Not sure |

|  |  |  |
| --- | --- | --- |
| CA: Transportation | | |
| T2\_**CA**\_Transport\_A-F  1: I drive myself  2: A family member drives me  3: Someone else drives me  4: Public transport  5: Walk/Bike  6: Other | In general, how do you get around? | 1 = Yes |

|  |  |  |
| --- | --- | --- |
| Education | | |
| T2\_edu\_1 | CA: Do you go to school?    SA: Are you at school? | 1 = Yes  2 = No |
| T2\_edu\_1a | CA: If yes, which grade (High School) or year (Post-Secondary) are you in?  SA: If yes, which grade are you in? | open ended question (number) |
| T2\_edu\_2 | How would you say your school marks are/were? | 1 = Well below average  2 = Below average  3 = Average  4 = Somewhat above average/good  5 = Well above average/excellent |
| T2\_edu\_3 | What was the highest grade you last completed/passed? | 1 = Grade 5 or lower  2 = Grade 6-8  3 = Grade 9-10  4 = Grade 11  5 = Grade 12 |
| T2\_edu\_4 | Do you work a paid part-time job while you are still in school? | 1 = Yes  2 = No |
| T2\_edu\_**SA**\_A1 | If you are at school, which school are you at? | open ended question (string) |
| T2\_edu\_**SA**\_A2 | How many learners/students are there in your English class? | open ended question (number) |
| T2\_edu\_**SA**\_A3 | “My teachers teach well” | 1 = Agree  2 = Unsure  3 = Disagree |
| T2\_edu\_**SA**\_A4 | “My teachers treat me well” (e.g., are friendly) | 1 = Agree  2 = Unsure  3 = Disagree |
| T2\_edu\_**SA**\_A5 | If you are no longer in school, when did you leave school for the last time? | date |
| T2\_edu\_**SA**\_A6 | Do you have any tertiary education? | 1 = Yes  2 = No |
| T2\_edu\_**SA**\_A6a | If you have tertiary education, how many years did you complete? | open ended question (number) |
| T2\_edu\_**SA**\_A6b | If you have tertiary education, please specify | 1 = Trade/TAFE qualification  2 = FET  3 = University qualification |
| T2\_edu\_**CA**\_A1\_A-G  A: Completed College  B: Attended College  C: Completed University  D: Attended University  E: Completed Trades  F: Attended Trades  G: Other (specify) | Do you have any post-secondary/tertiary education? | 1 = Yes |

|  |  |  |
| --- | --- | --- |
| Spending time | | |
| T2\_Spending\_time\_A-H  A: Unemployed, looking for work  B: Unemployed but not looking for work  C: Temporary/seasonal labour  D: Part-time employed  E: Full-time employed  F: Self-employed  G: Completing a skills development course  H: Other (specify) | What do you do with your time now? | 1 = yes |
| T2\_Spending\_time\_**CA**\_A1 | What do you do with your time now? Nothing | 1 = yes |

|  |  |  |
| --- | --- | --- |
| CA: Leisure time | | |
| T2\_**CA**\_Leisure\_1-3 | Please list the 3 things you do most with your free time | open ended question (string) |

|  |  |  |
| --- | --- | --- |
| SA: Community places | | |
| T2\_**SA**\_Community\_Places\_1\_avoid | Are there one or more places in your community that you fear, regard as unsafe and tend to avoid? | 1 = Yes  2 = No |
| T2\_**SA**\_Community\_Places\_1\_avoid\_a | You said yes, please specify where these places are | open ended question (string) |
| T2\_**SA**\_Community\_Places\_2\_happy | When you are feeling down or sad, is there a place in your community that you can go to make you feel better? | 1 = Yes  2 = No |
| T2\_**SA**\_Community\_Places\_2\_happy\_a | If yes, please say where/what this place/s are. | open ended question (string) |

|  |  |  |
| --- | --- | --- |
| Parents | | |
| T2\_Mother\_edu\_**SA** | What is/was your biological mother’s highest level of education? | 1 = No schooling  2 = Less than primary school completed  3 = Primary school completed  4 = Some secondary school completed  5 = Secondary school completed  6 = Tertiary school completed  Note: initially, there was code 7 = Don’t know. However, in order to have a categorical variable with increasing sequence, this option was deleted and substituted with system missing. |
| T2\_Mother\_alive | Is your biological mother alive? | 1 = Yes  2 = No  3 = Do not know |
| T2\_Mother\_at\_home | If YES, does your biological mother live at home with you? | 1 = Yes  2 = No  3 = Do not know |
| T2\_Mother\_not\_at\_home\_reason | If NO, why does your biological mother not live at home with you? | open ended question (string) |
| T2\_Mother\_employed | Is your biological mother currently employed? | 1 = Yes  2 = No  3 = Do not know |
| T2\_Father\_edu\_**SA** | What is/was your biological father’s highest level of education? | 1 = No schooling  2 = Less than primary school completed  3 = Primary school completed  4 = Some secondary school completed  5 = Secondary school completed  6 = Tertiary school completed  Note: initially, there was code 7 = Don’t know. However, in order to have a categorical variable with increasing sequence, this option was deleted and substituted with system missing. |
| T2\_Father\_alive | Is your biological father alive? | 1 = Yes  2 = No  3 = Do not know |
| T2\_Father\_at\_home | If YES, does your biological father live in your household? | 1 = Yes  2 = No  3 = Do not know |
| T2\_Father\_not\_at\_home\_reason | If NO, why does your biological father not live in your household? | open ended question (string) |
| T2\_Father\_employed | Is your biological father currently employed? | 1 = Yes  2 = No  3 = Do not know |

|  |  |  |
| --- | --- | --- |
| CA: Oil & gas employment | | |
| T2\_**CA**\_employment\_participant\_oil\_gas\_1 | Have you ever worked in the oil and gas industry? | 1 = Yes, currently  2 = No  3 = Yes, but not currently |
| T2\_**CA**\_employment\_participant\_oil\_gas\_2 | If yes, for how many years? | open ended question (number) |
| T2\_**CA**\_employment\_family\_oil\_gas\_1 | Do you have a parent/ parent-figure or close family member who has worked in the oil and gas industry? | 1 = Yes, currently  2 = No  3 = Yes, but not currently  4 = Don’t know |
| T2\_**CA**\_employment\_family\_oil\_gas\_2 | If yes, for how many years? | open ended question (number) |

|  |  |  |
| --- | --- | --- |
| SA: Employment | | |
| T2\_**SA**\_Employ | Are you employed? (Full-time or part-time) | 1 = Yes  2 = No |

## Child Post-Traumatic Stress - Reaction Index (CPTS)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Now please think about how you have felt in the past 30 days and mark the box that applies… | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Never  (1)  Not at all | A little  (2) | Sometimes  (3)  Not a little and not a lot / inbetween | Often  (4)  Quite a lot | Most of the time  (5)  A lot |
| T2\_CPTS\_1 | Do you get scared or afraid because you think about bad things that have happened to you? |  |  |  |  |  |
| T2\_CPTS\_2 | Do you imagine that you see people or hear voices that remind you of bad things that have happened to you? |  |  |  |  |  |
| T2\_CPTS\_3 | Do thoughts or pictures of bad things that have happened to you come back to you, even when you don’t want them to? |  |  |  |  |  |
| T2\_CPTS\_4 | Do you have bad dreams about someone dying or getting hurt or other scary things? |  |  |  |  |  |
| T2\_CPTS\_5 | Do you worry that the bad things that have happened to you could happen again? |  |  |  |  |  |
| T2\_CPTS\_6 | Do you feel bored, like things just aren’t fun? |  |  |  |  |  |
| T2\_CPTS\_7 | Do you feel like no one can really understand things you’ve been through? |  |  |  |  |  |
| T2\_CPTS\_8 | Do you wish you had no feelings? |  |  |  |  |  |
| T2\_CPTS\_9 | Can you talk about bad things that have happened to you and how they made you feel? |  |  |  |  |  |
| T2\_CPTS\_10 | If someone comes up behind you all of a sudden, or if you hear a loud noise, do you jump? |  |  |  |  |  |
| T2\_CPTS\_11 | Do you sleep okay? |  |  |  |  |  |
| T2\_CPTS\_12 | Do you feel like the bad things that have happened to you are your fault? |  |  |  |  |  |
| T2\_CPTS\_13 | Do thoughts and feelings about bad things that have happened to you make it hard for you to read or do your schoolwork/paid work? |  |  |  |  |  |
| T2\_CPTS\_14 | Is it hard for you to concentrate and keep your mind on your schoolwork/paid work or other things? |  |  |  |  |  |
| T2\_CPTS\_15 | Do you wish you could stay away from people, places, and things that make you think about bad things that have happened to you? |  |  |  |  |  |
| T2\_CPTS\_16 | When something reminds you, or makes you think about bad things that have happened to you, do you get scared or upset? |  |  |  |  |  |
| T2\_CPTS\_17 | Do you avoid thinking about bad things that have happened? |  |  |  |  |  |
| T2\_CPTS\_18 | Do you have stomach aches, headaches, or feel scared? |  |  |  |  |  |
| T2\_CPTS\_19 | Do you fight, break rules, or do things where you can get in trouble or hurt? |  |  |  |  |  |
| T2\_CPTS\_20 | Would most people be bothered by the bad things that have happened to you? |  |  |  |  |  |
| T2\_CPTS\_**SA**\_A1 | Think about the most upsetting or frightening thing that happened to you in the past year.  Where did it happen? | 1 = Home  2 = School  3 = Neighbourhood  4 = Somewhere else | | | | |
| T2\_CPTS\_**SA**\_A2 | Think about the most upsetting or frightening thing that happened to you in the past year. Where did it happen? other | open ended question (string) | | | | |
| T2\_CPTS\_**SA**\_A3 | How muchdid it bother you when it happened? | Not at all  (1) | A little  (2) | Not a little and not a lot / inbetween / sometimes (3) | Quite a lot  (4) | A lot  (5) |

## Impairment Associated with the Traumatic Symptoms Scale (IATSS)

**SA only!**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Now think about the questions you just answered… | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T2\_IATSS\_1 | Did any of these cause problems for you at home? | Not at all (1) | A little  (2) | Some  (3) | Quite a lot (4) | A lot  (5) |
| T2\_IATSS\_2 | Did any of these cause problems for you at school/work? | Not at all (1) | A little  (2) | Some  (3) | Quite a lot (4) | A lot  (5) |
| T2\_IATSS\_3 | Did any of these cause problems for you with your friends? | Not at all (1) | A little  (2) | Some  (3) | Quite a lot (4) | A lot  (5) |

## Short Form Health Survey (SF-15)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | | | | | | | | | |
| T2\_SF15\_1 | In general, would you say your health is… | Excellent  (1) | | Very good  (2) | | | Good  (3) | | | Fair  (4)  Not so good | | | Poor  (5)  Not good at all | |
| For how long (if at all) has your **health limited you** in **each** of the following activities?… | | | | | | | | | | | | | | |
| T2\_SF15\_2 | Vigorous activities, like lifting heavy objects, running or participating in strenuous sports  The kinds or amounts of activities that take lots of energy, like lifting heavy objects, running or participating in active sports | Limited for more than 3 months (1)  Made it difficult for more than 3 months | | | Limited for 3 months or less  (2)  Made it difficult for 3 months or less | | | | Not limited at all  (3)  Not difficult at all | | | | | |
| T2\_SF15\_3 | Moderate activities, like moving a table, carrying groceries, or bowling  The kinds or amounts of activities that do NOT take lots of energy, like moving a table, carrying groceries, or bowling | Limited for more than 3 months (1)  Made it difficult for more than 3 months | | | Limited for 3 months or less  (2)  Made it difficult for 3 months or less | | | | Not limited at all  (3)  Not difficult at all | | | | | |
| T2\_SF15\_4 | Walking uphill or climbing a few flights of stairs | Limited for more than 3 months (1)  Made it difficult for more than 3 months | | | Limited for 3 months or less  (2)  Made it difficult for 3 months or less | | | | Not limited at all  (3)  Not difficult at all | | | | | |
| T2\_SF15\_5 | Bending, lifting, or stooping | Limited for more than 3 months (1)  Made it difficult for more than 3 months | | | Limited for 3 months or less  (2)  Made it difficult for 3 months or less | | | | Not limited at all  (3)  Not difficult at all | | | | | |
| T2\_SF15\_6 | Walking one block | Limited for more than 3 months (1)  Made it difficult for more than 3 months | | | Limited for 3 months or less  (2)  Made it difficult for 3 months or less | | | | Not limited at all  (3)  Not difficult at all | | | | | |
| T2\_SF15\_7 | Eating, dressing, bathing, or using the toilet | Limited for more than 3 months (1)  Made it difficult for more than 3 months | | | Limited for 3 months or less  (2)  Made it difficult for 3 months or less | | | | Not limited at all  (3)  Not difficult at all | | | | | |
| T2\_SF15\_8 | How much bodily pain have you had during the past 4 weeks? | None  (1) | Very mild  (2)  Very little | | | Mild  (3)  A little | | Moderate  (4)  Not a little and not a lot/inbetween | | | | Severe  (5)  Quite a lot | | Very severe  (6)  A lot |
| T2\_SF15\_9 | Does your health keep you from working at a job, doing work around the house, or going to school? | Limited for more than 3 months (1)  Yes, for more than 3 months | | | | Limited for 3 months or less (2)  Yes, for 3 months or less | | | | | Not limited at all  (3)  No | | | |
| T2\_SF15\_10 | Have you been unable to do certain kinds or amounts of work, housework, or schoolwork because of your health? | Limited for more than 3 months (1)  Yes, for more than 3 months | | | | Limited for 3 months or less (2)  Yes, for 3 months or less | | | | | Not limited at all  (3)  No | | | |
| T2\_SF15\_11 | How much of the time, during the past month, has your health limited your social activities (like visiting with friends or close relatives)? | All of the time  (1) | Most of the time  (2) | | | A good bit of the time  (3)  Quite a lot of the time | | Some of the time  (4) | | | A little of the time  (5) | | | None of the time  (6) |
| Please select the option that best describes whether each of the following statements is true or false for you. | | | | | | | | | | | | | | |
| T2\_SF15\_12 | I am somewhat ill  I am a little bit ill | Definitely true  (1)  Very true | | Mostly true  (2)  True | | | Not sure  (3) | | | Mostly false  (4)  False | | | Definitely false  (5)  Very false | |
| T2\_SF15\_13 | I am as healthy as anybody I know | Definitely true  (1)  Very true | | Mostly true  (2)  True | | | Not sure  (3) | | | Mostly false  (4)  False | | | Definitely false  (5)  Very false | |
| T2\_SF15\_14 | My health is excellent | Definitely true  (1)  Very true | | Mostly true  (2)  True | | | Not sure  (3) | | | Mostly false  (4)  False | | | Definitely false  (5)  Very false | |
| T2\_SF15\_15 | I have been feeling bad lately | Definitely true  (1)  Very true | | Mostly true  (2)  True | | | Not sure  (3) | | | Mostly false  (4)  False | | | Definitely false  (5)  Very false | |

## Victimisation by Community (VbC)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Please select the number of times the following things have happened to you in the past year **within your community**.  Please do NOT include things you have only seen or heard about on TV, radio, the news, or in the movies. | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T2\_VbC\_1 | I have been chased by gangs or individuals. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T2\_VbC\_2 | I have been threatened with serious physical harm by someone. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T2\_VbC\_3 | I have been beaten up or mugged. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T2\_VbC\_4 | I have been seriously wounded in an incident of violence. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T2\_VbC\_**SA**\_A1 | I have been attacked or stabbed with a knife. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T2\_VbC\_**SA**\_A2 | I have been shot or shot at with a gun. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |
| T2\_VbC\_**SA**\_A3 | I have been threatened or harmed by someone because of my race or ethnicity/culture. | None (1) | 1-2 Times (2) | 3-5 Times (3) | 6-9 Times (4) | 10+ Times (5) |

## Family Adversity scale (FAS)

|  |  |  |
| --- | --- | --- |
| Please answer the following questions. Have you… | | |
| **Item name in dataset** | **Question** | **Response** |
| T2\_FAS\_1 | Experienced the death of someone who has looked after you for a long time? | 1 = Yes  2 = No |
| T2\_FAS\_2 | Experienced the death of a person who was like a brother or sister? | 1 = Yes  2 = No |
| T2\_FAS\_3 | Lived in a home with ﬁghts (verbal or physical) or severe relationship problems between parents/parent-figures/caregivers? | 1 = Yes  2 = No |
| T2\_FAS\_4 | Experienced the divorce or permanent separation of your parents/parent-figures/caregivers? | 1 = Yes  2 = No |
| T2\_FAS\_5 | Lived with a parent/parent-figure/caregiver who had a serious alcohol or drug problem? | 1 = Yes  2 = No |
| T2\_FAS\_6 | Lived with a parent/parent-figure/caregiver who had a severe mental illness? | 1 = Yes  2 = No |
| T2\_FAS\_7 | Lived with a parent/parent-figure/caregiver who had a serious physical illness? | 1 = Yes  2 = No |
| T2\_FAS\_8 | Had a parent/parent-figure/caregiver who was in jail or prison? | 1 = Yes  2 = No |
| T2\_FAS\_9 | Lived in a foster home? | 1 = Yes  2 = No |
| T2\_FAS\_**SA**\_A1 | Been separated from your caregiver/guardian for more than 1 month? | 1 = Yes  2 = No |

## Perception of Neighbourhood scale (PoNS)

|  |  |  |
| --- | --- | --- |
| Please rate your agreement with the following statements: | | |
| **Item name in dataset** | **Question** | **Response** |
|  |  | 1 = Definitely not true / Always false  2 = Mostly not true / Mostly false  3 = Mostly true  4 = Definitely true / Always true |
| T2\_PoNS\_1 | It is safe to walk alone in my neighbourhood/community after dark. |  |
| T2\_PoNS\_2 | In my neighbourhood/community there are good places to spend time with my friends. |  |
| T2\_PoNS\_3 | There is litter, or garbage on the streets, on sidewalks, or in yards in my neighbourhood/community. |  |
| T2\_PoNS\_4 | I feel safe in my neighbourhood/community. |  |
| T2\_PoNS\_5 | I like spending time in my neighbourhood/community. |  |
| T2\_PoNS\_6 | Some people sell or use drugs in my neighbourhood/community. |  |
| T2\_PoNS\_7 | People in my neighbourhood/community are willing to help each other. |  |
| T2\_PoNS\_8 | In my neighbourhood/community there are problems because of racial or cultural differences. |  |
| T2\_PoNS\_**CA**\_A1 | There are signs of vandalism (e.g., broken windows, illegal graffiti, smashed street signs) |  |
| T2\_PoNS\_**CA**\_A2 | Theft or burglary is a problem in my neighbourhood/community. |  |
| T2\_PoNS\_**SA**\_A1 | My neighbourhood/community looks nice. |  |
| T2\_PoNS\_**SA**\_A2 | People on the streets in my neighbourhood/community are friendly. |  |
| T2\_PoNS\_**SA**\_A3 | In my neighbourhood/community, people are happy when others succeed |  |
| T2\_PoNS\_**SA**\_A4 | In my neighbourhood/community, people normally share information about how they are able to succeed |  |
| T2\_PoNS**\_SA**\_A5 | Because there are limited resources in my neighbourhood/community, I have to compete with others for resources |  |

## Perceived Stress Scale (PSS)

The Perceived Stress Scale (Cohen et al., 1983). A total stress score is produced by summing answers to all of the items. It was added to the questionnaire because we wanted to have a measure of subjective stress to compare to cortisol/DHEA levels in those that had submitted a hair sample.

Reverse code: T2\_CA\_PSS\_4, T2\_CA\_PSS\_5, T2\_CA\_PSS\_7 & T2\_CA\_PSS\_8.

**CA only!**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| In the last month, how often have you… | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Never  (1) | Almost never  (2) | Sometimes  (3) | Fairly often  (4) | Very often  (5) |
| T2\_CA\_PSS\_1 | Been upset because of something that happened unexpectedly? |  |  |  |  |  |
| T2\_CA\_PSS\_2 | Felt that you were unable to control the important things in your life? |  |  |  |  |  |
| T2\_CA\_PSS\_3 | Felt nervous and stressed? |  |  |  |  |  |
| T2\_CA\_PSS\_4 | Felt confident about your ability to handle your personal problems? |  |  |  |  |  |
| T2\_CA\_PSS\_5 | Felt that things were going your way? |  |  |  |  |  |
| T2\_CA\_PSS\_6 | Found that you could not cope with all the things that you had to do? |  |  |  |  |  |
| T2\_CA\_PSS\_7 | Been able to control irritations in your life? |  |  |  |  |  |
| T2\_CA\_PSS\_8 | Felt that you were on top of things? |  |  |  |  |  |
| T2\_CA\_PSS\_9 | Been angered because of things that were outside of your control? |  |  |  |  |  |
| T2\_CA\_PSS\_10 | Felt difficulties were piling up so high that you could not overcome them? |  |  |  |  |  |

## Child and Youth Resilience Measure (CYRM)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Please rate your agreement with the following statements: | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Not at all (1) | A little  (2) | Somewhat  (3)  Not a little and not at a lot / inbetween / sometimes | Quite a lot  (4) | A lot  (5) |
| T2\_CYRM\_1 | I have people I can respect in my life. |  |  |  |  |  |
| T2\_CYRM\_2 | I cooperate well with people who are close to me. |  |  |  |  |  |
| T2\_CYRM\_3 | Getting an education and/or improving qualifications/skills is important to me. |  |  |  |  |  |
| T2\_CYRM\_4 | I know how to behave in different social situations. |  |  |  |  |  |
| T2\_CYRM\_5 | My family have usually supported me throughout life. |  |  |  |  |  |
| T2\_CYRM\_6 | My family know a lot about me. |  |  |  |  |  |
| T2\_CYRM\_7 | If I am hungry, I can get food to eat. |  |  |  |  |  |
| T2\_CYRM\_8 | I try to finish what I start. |  |  |  |  |  |
| T2\_CYRM\_9 | Spiritual beliefs are a source of strength for me. |  |  |  |  |  |
| T2\_CYRM\_10 | I am proud of my ethnic background. |  |  |  |  |  |
| T2\_CYRM\_11 | People like to spend time with me |  |  |  |  |  |
| T2\_CYRM\_12 | I talk to my family/partner about how I feel. |  |  |  |  |  |
| T2\_CYRM\_13 | I am able to solve problems without harming myself or others (for example, by using drugs and/or being violent). |  |  |  |  |  |
| T2\_CYRM\_14 | I feel supported by my friends. |  |  |  |  |  |
| T2\_CYRM\_15 | I know where to go in my community to get help. |  |  |  |  |  |
| T2\_CYRM\_16 | I feel I belong in my community. |  |  |  |  |  |
| T2\_CYRM\_17 | My family stands by me during difficult times. |  |  |  |  |  |
| T2\_CYRM\_18 | My friends stand by me during difficult times. |  |  |  |  |  |
| T2\_CYRM\_19 | I am treated fairly in my community. |  |  |  |  |  |
| T2\_CYRM\_20 | I have opportunities to show others that I can act responsibly. |  |  |  |  |  |
| T2\_CYRM\_21 | I am aware of my own strengths. |  |  |  |  |  |
| T2\_CYRM\_22 | I participate in organized religious activities. |  |  |  |  |  |
| T2\_CYRM\_23 | I think it is important to serve my community. |  |  |  |  |  |
| T2\_CYRM\_24 | I feel safe when I am with my family. |  |  |  |  |  |
| T2\_CYRM\_25 | I have opportunities to develop skills that will be useful later in life (like job skills and skills to care for others). |  |  |  |  |  |
| T2\_CYRM\_26 | I enjoy my family's/partner’s cultural and family traditions. |  |  |  |  |  |
| T2\_CYRM\_27 | I enjoy my community's traditions. |  |  |  |  |  |
| T2\_CYRM\_28 | I am proud to be a part of Canada / South Africa. |  |  |  |  |  |
| T2\_CYRM\_**CA**\_A1 | I am proud to be a part of Drayton Valley |  |  |  |  |  |

## Brief COPE (BCOPE)

The Brief COPE (Carver, 1997). Fourteen different types of coping can be derived from this. From the 14, two overarching styles are also computed (avoidant coping and approach coping). All are produced by summing items. The following are the sub-types and the corresponding items:

* Self-distraction, items 1 and 19 (Avoidant)
* Active coping, items 2 and 7 (Approach)
* Denial, items 3 and 8 (Avoidant)
* Substance use, items 4 and 11 (Avoidant)
* Emotional support, items 5 and 15 (Approach)
* Use of informational support, items 10 and 23 (Approach)
* Behavioural disengagement, items 6 and 16 (Avoidant)
* Venting, items 9 and 21 (Avoidant)
* Positive reframing, items 12 and 17 (Approach)
* Planning, items 14 and 25 (Approach)
* Humour, items 18 and 28 \*
* Acceptance, items 20 and 24 (Approach)
* Religion, items 22 and 27 \*
* Self-blame, items 13 and 26 (Avoidant)

\*Humour and Religion are neither approach nor avoidance coping and should not be used when creating the two overarching coping styles.

**CA only!**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| The following questions ask how you have sought to cope with a hardship in your life. Read the statements and indicate how much you have been using each coping style: | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
|  |  | Not at all  (1) | A little  (2) | Somewhat  (3) | A lot  (4) |
| T2\_**CA**\_BCOPE\_1 | I have been turning to work or other activities to take my mind off things. |  |  |  |  |
| T2\_**CA**\_BCOPE\_2 | I have been concentrating my efforts on doing something about the situation I am in. |  |  |  |  |
| T2\_**CA**\_BCOPE\_3 | I have been saying to myself "this is not real". |  |  |  |  |
| T2\_**CA**\_BCOPE\_4 | I have been using alcohol or other drugs to make myself feel better. |  |  |  |  |
| T2\_**CA**\_BCOPE\_5 | I have been getting emotional support from others. |  |  |  |  |
| T2\_**CA**\_BCOPE\_6 | I have been giving up trying to deal with it. |  |  |  |  |
| T2\_**CA**\_BCOPE\_7 | I have been taking action to make the situation better. |  |  |  |  |
| T2\_**CA**\_BCOPE\_8 | I have been refusing to believe that is has happened. |  |  |  |  |
| T2\_**CA**\_BCOPE\_9 | I have been saying things to let my unpleasant feelings escape. |  |  |  |  |
| T2\_**CA**\_BCOPE\_10 | I have been getting help and advice from other people. |  |  |  |  |
| T2\_**CA**\_BCOPE\_11 | I have been using alcohol or other drugs to help me get through it. |  |  |  |  |
| T2\_**CA**\_BCOPE\_12 | I have been trying to see it in a different light, to make it seem more positive. |  |  |  |  |
| T2\_**CA**\_BCOPE\_13 | I have been criticizing myself. |  |  |  |  |
| T2\_**CA**\_BCOPE\_14 | I have been trying to come up with a strategy about what to do. |  |  |  |  |
| T2\_**CA**\_BCOPE\_15 | I have been getting comfort and understanding from someone. |  |  |  |  |
| T2\_**CA**\_BCOPE\_16 | I have been giving up the attempt to cope. |  |  |  |  |
| T2\_**CA**\_BCOPE\_17 | I have been looking for something good in what is happening. |  |  |  |  |
| T2\_**CA**\_BCOPE\_18 | I have been making jokes about it. |  |  |  |  |
| T2\_**CA**\_BCOPE\_19 | I have been doing something to think about it less, such as going to movies, watching TV, reading, daydreaming, sleeping or shopping. |  |  |  |  |
| T2\_**CA**\_BCOPE\_20 | I have been accepting the reality of the fact that it has happened. |  |  |  |  |
| T2\_**CA**\_BCOPE\_21 | I have been expressing my negative feelings. |  |  |  |  |
| T2\_**CA**\_BCOPE\_22 | I have been trying to find comfort in my religion or spiritual beliefs. |  |  |  |  |
| T2\_**CA**\_BCOPE\_23 | I have been trying to get advice or help from other people about what to do. |  |  |  |  |
| T2\_**CA**\_BCOPE\_24 | I have been learning to live with it. |  |  |  |  |
| T2\_**CA**\_BCOPE\_25 | I have been thinking hard about what steps to take. |  |  |  |  |
| T2\_**CA**\_BCOPE\_26 | I have been blaming myself for the things that happened. |  |  |  |  |
| T2\_**CA**\_BCOPE\_27 | I have been praying or meditating. |  |  |  |  |
| T2\_**CA**\_BCOPE\_28 | I have been making fun of the situation. |  |  |  |  |

## Benevolent Childhood Experiences scale (BCE)

|  |  |  |
| --- | --- | --- |
| While growing up (during the first 18 years of your life): | | |
| **Item name in dataset** | **Question** | **Response** |
| T2\_BCE\_1 | Have you had at least one parent/parent-figure/caregiver whom you felt safe with? | 1 = Yes  2 = No |
| T2\_BCE\_2 | Have you had at least one good friend? | 1 = Yes  2 = No |
| T2\_BCE\_3 | Have you had beliefs that gave you comfort? | 1 = Yes  2 = No |
| T2\_BCE\_4 | Have you liked school? | 1 = Yes  2 = No |
| T2\_BCE\_5 | Have you had at least one teacher who cared about you? | 1 = Yes  2 = No |
| T2\_BCE\_6 | Have you had good neighbours? | 1 = Yes  2 = No |
| T2\_BCE\_7 | Have you had an adult (not a parent/parent-figure/caregiver or the person from the first question in this section – question 30) who could give you support and advice? | 1 = Yes  2 = No |
| T2\_BCE\_8 | Have you had opportunities to have a good time? | 1 = Yes  2 = No |
| T2\_BCE\_9 | Have you liked yourself or felt comfortable with yourself? | 1 = Yes  2 = No |
| T2\_BCE\_10 | Have you had a predictable home routine, like regular meals and a regular bedtime? | 1 = Yes  2 = No |

## Sensitivity scale (SS)

**SA only!**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Please rate your agreement with the following statements: | | | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | | | |
|  |  | Not at all  (1) | Very little  (2) | A little  (3) | Not a little and not a lot / inbetween  (4) | Quite a lot  (5) | A lot  (6) | Extremely  (7) |
| T2\_**SA**\_SS\_1 | I notice when small things have changed in my environment |  |  |  |  |  |  |  |
| T2\_**SA**\_SS\_2 | I love nice smells |  |  |  |  |  |  |  |
| T2\_**SA**\_SS\_3 | I find it unpleasant to have a lot going on at once |  |  |  |  |  |  |  |
| T2\_**SA**\_SS\_4 | Some music can make me really happy |  |  |  |  |  |  |  |
| T2\_**SA**\_SS\_5 | I don’t like loud noises |  |  |  |  |  |  |  |
| T2\_**SA**\_SS\_6 | When someone observes me, I get nervous. This makes me perform worse than normal |  |  |  |  |  |  |  |

## Peer Support Scale (PeerSupp)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| The following questions are about your friends. Please select how true each of these statements is for you: | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T2\_PeerSupp\_1 | I trust my friends | Never true  (1) | Somewhat true  (2)  Mostly false | Mostly true  (3) | Always true  (4) |
| T2\_PeerSupp\_2 | I feel my friends are good friends | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |
| T2\_PeerSupp\_3 | My friends care about me | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |
| T2\_PeerSupp\_4 | My friends are there when I need them | Never true  (1) | Somewhat true  (2) | Mostly true  (3) | Always true  (4) |

## Parental-caregiver supervision (PCSuper)

**SA only!**

T1\_**SA**\_PCSuper\_4: Has not been re-assessed at T2 (was forgotten).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| If living with a parent/ caregiver/guardian, when you are not home (e.g., after school/work), do they usually know: | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T2\_**SA**\_PCSuper\_1 | Where you are? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T2\_**SA**\_PCSuper\_2 | Who you are with? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T2\_**SA**\_PCSuper\_3 | What you are doing? | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |

## Parental-caregiver warmth (PCWarm)

**SA only!**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| For the next questions, is there a parent/caregiver/guardian who… | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T2\_**SA**\_PCWarm\_1 | Is proud of me. | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T2\_**SA**\_PCWarm\_2 | Shows their love for me. | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |
| T2\_**SA**\_PCWarm\_3 | Makes me feel good when I am with them | Never  (1) | Rarely [Scarce]  (2) | Sometimes  (3) | Most of the time  (4) |

## Work/job satisfaction scale (JS)

**SA only!**

|  |  |  |
| --- | --- | --- |
| If you are employed (part-time or full-time), please complete the following: | | |
| **Item name in dataset** | **Question** | **Response** |
| T2\_**SA**\_JS\_1 | “All in all, I am satisfied with my job”. | 1 = Absolutely  2 = A lot  3 = Quite a lot  4 = In-between  5 = A little  6 = Very little  7 = Not at all |
| T2\_**SA**\_JS\_2 | “Usually, I do not like my job”. | 1 = Absolutely  2 = A lot  3 = Quite a lot  4 = In-between  5 = A little  6 = Very little  7 = Not at all |
| T2\_**SA**\_JS\_3 | “Usually, I like working where I work”. | 1 = Absolutely  2 = A lot  3 = Quite a lot  4 = In-between  5 = A little  6 = Very little  7 = Not at all |

## School Engagement Scale (SES)

T2\_SES\_27\_**CA**: This item was not assessed in SA (was forgotten).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| If you attend school, please rate your agreement with the following statements: | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Strongly disagree  (1) | Disagree  (2) | Neutral/Unsure  (3) | Agree  (4) | Strongly agree  (5) |
| T2\_SES\_1 | I am very interested in learning. |  |  |  |  |  |
| T2\_SES\_2 | I think what we are learning in school is interesting. |  |  |  |  |  |
| T2\_SES\_3 | I like what I am learning in school. |  |  |  |  |  |
| T2\_SES\_4 | I enjoy learning new things in class. |  |  |  |  |  |
| T2\_SES\_5 | I think learning is boring. |  |  |  |  |  |
| T2\_SES\_6 | I like my school. |  |  |  |  |  |
| T2\_SES\_7 | I am proud to be at this school. |  |  |  |  |  |
| T2\_SES\_8 | Most mornings, I look forward to going to school. |  |  |  |  |  |
| T2\_SES\_9 | I am happy to be at this school. |  |  |  |  |  |
| T2\_SES\_10 | I try hard to do well in school. |  |  |  |  |  |
| T2\_SES\_11 | In class I work as hard as I can. |  |  |  |  |  |
| T2\_SES\_12 | When I’m in class, I participate in class activities. |  |  |  |  |  |
| T2\_SES\_13 | I pay attention in class. |  |  |  |  |  |
| T2\_SES\_14 | When I’m in class, I just act like I’m working. |  |  |  |  |  |
| T2\_SES\_15 | In school, I do just enough to get by. |  |  |  |  |  |
| T2\_SES\_16 | When I’m in class, my mind wanders. |  |  |  |  |  |
| T2\_SES\_17 | If I have trouble understanding a problem, I go over it again until I understand it. |  |  |  |  |  |
| T2\_SES\_18 | When I run into a difficult homework problem, I keep working at it until I think I’ve solved it. |  |  |  |  |  |
| T2\_SES\_19 | I volunteer to help with school activities (e.g., field trips, monitoring). |  |  |  |  |  |
| T2\_SES\_20 | I take an active role in extra-curricular activities in my school (e.g., clubs, sports). |  |  |  |  |  |
| T2\_SES\_21 | When I study, I try to understand the material better by relating it to things I already know. |  |  |  |  |  |
| T2\_SES\_22 | When I study, I figure out how the information might be useful in the real world. |  |  |  |  |  |
| T2\_SES\_23 | When learning new information, I try to put the ideas in my own words. |  |  |  |  |  |
| T2\_SES\_24 | When I study, I try to connect what I am learning with my own experiences. |  |  |  |  |  |
| T2\_SES\_25 | I make up my own examples to help me understand the important concepts I learn from school. |  |  |  |  |  |
| T2\_SES\_26 | When learning things for school, I try to see how they fit together with other things I already know. |  |  |  |  |  |
| T2\_SES\_27\_**CA** | When learning things for school, I often try to associate them with what I learnt in other classes about the same or similar things. |  |  |  |  |  |
| T2\_SES\_28 | I try to see the similarities and differences between things I am learning for school and things I know already. |  |  |  |  |  |
| T2\_SES\_29 | I try to understand how the things I learn in school fit together with each other. |  |  |  |  |  |
| T2\_SES\_30 | I try to match what I already know with things I am trying to learn for school. |  |  |  |  |  |
| T2\_SES\_31 | I try to think through topics and decide what I’m supposed to learn from them, rather than studying topics by just reading them over. |  |  |  |  |  |
| T2\_SES\_32 | When studying, I try to combine different pieces of information from course material in new ways |  |  |  |  |  |
| T2\_SES\_**SA**\_A1 | I am an active participant of school activities such as sports day. |  |  |  |  |  |

## Delinquency scale (DS)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| How many times in the past year have you done the following things? | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T2\_DS\_1 | Stolen something from a store | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T2\_DS\_2 | Got into trouble with the police | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T2\_DS\_3 | Hit or beat up someone | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T2\_DS\_4 | Damaged property (such as breaking windows, scratching a car, putting paint on walls, etc.) | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T2\_DS\_5 | Carried a weapon (such as a gun, knife, traditional weapon, etc.) | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |
| T2\_DS\_6 | Bullied someone | Never (1) | 1 Time (2) | 2 Times (3) | 3-4 Times (4) | 5+ Times (5) |

## Beck Depression Inventory-II (BDI)

|  |  |
| --- | --- |
| This part of the questionnaire consists of 21 groups of statements. Please read each group of statements carefully, and then pick out the one statement in each group that best describes the way you have been feeling during the past two weeks, including today. Circle the number beside the statement you have picked. If several statements in the group seem to apply equally well, circle the highest number. Be sure that you do not choose more than one statement for any group. | |
| **Item name in dataset** | **Response** |
| T2\_BDI\_1 | 0 = I do not feel sad  1 = I feel sad much of the time  2 = I am sad all the time  3 = I am so sad or unhappy that I can’t stand it |
| T2\_BDI\_2 | 0 = I am not discouraged about my future  1 = I feel more discouraged about my future than I used to be  2 = I do not expect things to work out for me  3 = I feel my future is hopeless and will only get worse |
| T2\_BDI\_3 | 0 = I do not feel like a failure  1 = I have failed more than I should have  2 = As I look back, I see a lot of failures  3 = I feel I am a total failure as a person |
| T2\_BDI\_4 | 0 = I get as much pleasure as I ever did from the things I enjoy  1 = I don’t enjoy things as much as I used to  2 = I get very little pleasure from the things I used to enjoy  3 = I can’t get any pleasure from the things I used to enjoy |
| T2\_BDI\_5 | 0 = I don’t feel particularly guilty  1 = I feel guilty over many things I have done or should have done  2 = I feel quite guilty most of the time  3 = I feel guilty all of the time |
| T2\_BDI\_6 | 0 = I don’t feel I am being punished  1 = I feel I may be punished  2 = I expect to be punished  3 = I feel I am being punished |
| T2\_BDI\_7 | 0 = I feel the same about myself as ever  1 = I have lost confidence in myself  2 = I am disappointed in myself  3 = I dislike myself |
| T2\_BDI\_8 | 0 = I don’t criticize or blame myself more than usual  1 = I am more critical of myself than I used to be  2 = I criticize myself for all of my faults  3 = I blame myself for everything bad that happens |
| T2\_BDI\_9 | 0 = I don’t have any thoughts of hurting/killing myself  1 = I have thoughts of hurting/killing myself, but I would not carry them out  2 = I would like to hurt/kill myself  3 = I would hurt/kill myself if I had the chance |
| T2\_BDI\_10 | 0 = I don’t cry any more than I used to  1 = I cry more than I used to  2 = I cry over every little thing  3 = I feel like crying, but I can’t |
| T2\_BDI\_11 | 0 = I am no more restless or wound up/stressed than usual  1 = I feel more restless or wound/stressed up than usual  2 = I am so restless or agitated/stressed that it’s hard to stay still  3 = I am so restless or agitated/stressed that I have to keep moving or doing something |
| T2\_BDI\_12 | 0 = I have not lost interest in other people or activities  1 = I am less interested in other people or things than before  2 = I have lost most of my interest in other people or things  3 = It’s hard to get interested in anything |
| T2\_BDI\_13 | 0 = I make decisions as well as ever  1 = I find it more difficult to make decisions than usual  2 = I have much greater difficulty in making decisions than I used to  3 = I have trouble making any decisions |
| T2\_BDI\_14 | 0 = I do not feel I am worthless  1 = I don’t consider myself as worthwhile and useful as I used to  2 = I feel more worthless as compared to other people  3 = I feel utterly worthless |
| T2\_BDI\_15 | 0 = I have as much energy as ever  1 = I have less energy than I used to have  2 = I don’t have enough energy to do very much  3 = I don’t have enough energy to do anything |
| T2\_BDI\_16 | 0 = I have not experienced any change in my sleeping pattern  1 = I sleep somewhat/a bit more/less than usual  2 = I sleep a lot more/less than usual  3 = I sleep most of the day/I wake up 1-2 hours early and can’t get back to sleep |
| T2\_BDI\_17 | 0 = I am no more irritable/short-tempered than usual  1 = I am more irritable/short-tempered than usual  2 = I am much more irritable/short-tempered than usual  3 = I am irritable/short-tempered all the time |
| T2\_BDI\_18 | 0 = I have not experienced any change in my appetite  1 = My appetite is somewhat/a bit greater/less than usual  2 = My appetite is much greater/less than before  3 = I have no appetite at all/I crave/want food all the time |
| T2\_BDI\_19 | 0 = I can concentrate as well as ever  1 = I can’t concentrate as well as usual  2 = It’s hard to keep my mind on anything for very long  3 = I find/feel I can’t concentrate on anything |
| T2\_BDI\_20 | 0 = I am no more tired or fatigued than usual  1 = I get more tired or fatigued more easily than usual  2 = I am too tired or fatigued to do a lot of the things I used to do  3 = I am too tired or fatigued to do most of the things I used to do |
| T2\_BDI\_21 | 0 = I have not noticed any recent change in my interest in sex  1 = I am less interested in sex than I used to be  2 = I am much less interested in sex now  3 = I have lost interest in sex completely |

## Work Engagement Scale (WES)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **If you are working and not in school, please answer the following questions (if not, skip to the next section).**  The following 9 statements are about how you feel at work. Please read each statement carefully and decide if you ever feel this way about your job. If you have never had this feeling, please choose “Never”. If you have had this feeling, indicate how often you feel it by crossing the statement that best describes how frequently you feel that way. | | | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | | | |
| T2\_WES\_1 | At my work, I feel bursting with energy | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T2\_WES\_2 | At my job, I feel strong and vigorous | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T2\_WES\_3 | I am enthusiastic about my job | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T2\_WES\_4 | My job inspires me | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T2\_WES\_5 | When I get up in the morning, I feel like going to work | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T2\_WES\_6 | I feel happy when I am working intensely | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T2\_WES\_7 | I am proud of the work that I do | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T2\_WES\_8 | I am immersed in my work | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |
| T2\_WES\_9 | I get carried away when I’m working | Never  (1) | Almost never (A few times a year or less)  (2) | Rarely (Once a month or less)  (3) | Sometimes (A few times a month)  (4) | Often (Once a week)  (5) | Very often (A few times a week)  (6) | Always (Every day)  (7) |

## Substance use scale (SUS)

**CA only.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| How many times in the past year have you done the following things? | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | |
| T2\_**CA**\_SUS\_1 | Smoked cigarettes | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T2\_**CA**\_SUS\_2 | Used chewing tobacco | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T2\_**CA**\_SUS\_3 | Drank beer, wine, alcoholic drinks | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T2\_**CA**\_SUS\_4 | Sniffed glues, sprays or petrol | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T2\_**CA**\_SUS\_5 | Used marijuana | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T2\_**CA**\_SUS\_6 | Used any other drug (such as ecstasy, speed, heroin, crack or cocaine, mandrax, meth, fentanyl, etc). | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |
| T2\_**CA**\_SUS\_7 | Taken prescription pills without a doctor’s permission | Never  (1) | Once or twice  (2) | Occasionally  (3) | Regularly  (4) |

## Risky behaviours scale (RB)

**CA only.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | |
| T2\_**CA**\_RB\_1 | Had willing unprotected sexual intercourse | Never (1) | Once or twice (2) | Occasionally (3) | Regularly (4) |

## Device use/screen time

This was a new variable added on the request of Dr. Ungar. We couldn’t find a good measure screen time (all appeared to have significant drawbacks), but settled on a heavy adaptation of the screen time questionnaire (Vizcaino et al., 2019). Passive screen time hours can be derived from the first item for weekdays and for weekend days. Active screen time can be derived from summing the other three items. Bear in mind that the fourth item could be passive or active – this is up to you.

**CA only!**

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| T2\_CA\_devices\_TV\_weekday | From when you wake up until you go to sleep, how much time do you spend using TV? (Total hours on an average weekday) | open ended question (number) |
| T2\_CA\_devices\_TV\_weekend | From when you wake up until you go to sleep, how much time do you spend using TV? (Total hours on an average weekend) | open ended question (number) |
| T2\_CA\_devices\_consoles\_weekday | From when you wake up until you go to sleep, how much time do you spend using video game consoles? (Total hours on an average weekday) | open ended question (number) |
| T2\_CA\_devices\_consoles\_weekend | From when you wake up until you go to sleep, how much time do you spend using video game consoles? (Total hours on an average weekend) | open ended question (number) |
| T2\_CA\_devices\_Laptop\_weekday | From when you wake up until you go to sleep, how much time do you spend using a laptop/computer/tablet? (Total hours on an average weekday) | open ended question (number) |
| T2\_CA\_devices\_Laptop\_weekend | From when you wake up until you go to sleep, how much time do you spend using a laptop/computer/tablet? (Total hours on an average weekend) | open ended question (number) |
| T2\_CA\_devices\_Phone\_weekday | From when you wake up until you go to sleep, how much time do you spend using a Phone/Smartphone? (Total hours on an average weekday) | open ended question (number) |
| T2\_CA\_devices\_Phone\_weekend | From when you wake up until you go to sleep, how much time do you spend using a Phone/Smartphone? (Total hours on an average weekend) | open ended question (number) |

## Social Media (SM)

**CA only!**

|  |  |
| --- | --- |
| Please indicate how much you use social media platforms on an average day: | |
| **Item name in dataset** | **Response** |
| T2\_CA\_SM\_hours\_Facebook | open ended question (number) |
| T2\_CA\_SM\_hours\_Instagram | open ended question (number) |
| T2\_CA\_SM\_hours\_Snapchat | open ended question (number) |
| T2\_CA\_SM\_hours\_Twitter | open ended question (number) |
| T2\_CA\_SM\_hours\_Other\_type\_1 | open ended question (string) |
| T2\_CA\_SM\_hours\_Other\_hours\_1 | open ended question (number) |
| T2\_CA\_SM\_hours\_Other\_type\_2 | open ended question (string) |
| T2\_CA\_SM\_hours\_Other\_hours\_2 | open ended question (number) |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T2\_CA\_SM\_stressful | How stressful do you find using social media? (for example, from the pressure to respond to posts/messages, experiences of cyberbullying, etc) | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| T2\_CA\_SM\_stressful\_things\_1  T2\_CA\_SM\_stressful\_things\_2  T2\_CA\_SM\_stressful\_things\_3 | If you do get stressed by social media, what 3 things stress you the most? | open ended question (string) |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T2\_CA\_SM\_importance\_maintain\_real\_friends | How important is social media for maintaining friendships with people you know in everyday life? | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T2\_CA\_SM\_importance\_online\_friends | How important to you are online friendships and interaction with people you do NOT know in ‘real life’? | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| How often do you use the following to learn about what’s going on in your community? | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
| T2\_CA\_community\_news\_mouth | Word-of-mouth (family and friends) | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T2\_CA\_community\_news\_facebook | Facebook | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T2\_CA\_community\_news\_internet | Other internet source | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T2\_CA\_community\_news\_internet\_source | Internet source name | open ended question (string) | | | | |
| T2\_CA\_community\_news\_newspaper | Newspaper | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T2\_CA\_community\_news\_newspaper\_name | newspaper name | open ended question (string) | | | | |
| T2\_CA\_community\_news\_radio | Radio | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T2\_CA\_community\_news\_poster\_flyer | Posters and flyers | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T2\_CA\_community\_news\_other | Other | Not at all  (1) | A little  (2) | Somewhat  (3) | Quite a bit  (4) | A lot  (5) |
| T2\_CA\_community\_news\_other\_type | Other type | open ended question (string) | | | | |

## Financial skills

This was a new set of questions created from a request from FCSS in Drayton Valley. They were interested in how financially responsible young people believed they were. It is new and not based on anything (we couldn’t find a brief and adequate validated measure) so when scoring, consider presenting an overall score through summing as well as providing individual scores for each item. Check the Cronbach’s alpha of the four items to see how they work together as a general measure of financial competence (look for values ≥.7).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Strongly disagree | Disagree | Neutral | Agree | Strongly agree |
| T2\_CA\_financial\_skills\_1 | I am financially responsible. |  |  |  |  |  |
| T2\_CA\_financial\_skills\_2 | I know how to plan my finances for the future. |  |  |  |  |  |
| T2\_CA\_financial\_skills\_3 | I am able to save money. |  |  |  |  |  |
| T2\_CA\_financial\_skills\_4 | I understand that making responsible financial decisions can lead to financial well-being in the future. |  |  |  |  |  |

## Financial knowledge

As above. Scores should be presented individually for each item (no total/overall score).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **How much have the following sources contributed to your knowledge and skills of financial management?** | | | | | | |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | A lot | Quite a bit | Somewhat | A little | Not at all |
| T2\_CA\_financial\_teacher\_1 | Parents |  |  |  |  |  |
| T2\_CA\_financial\_teacher\_2 | Other family members |  |  |  |  |  |
| T2\_CA\_financial\_teacher\_3 | School |  |  |  |  |  |
| T2\_CA\_financial\_teacher\_4 | Other |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** | | | | |
|  |  | Strongly agree | Agree | Neutral | Disagree | Strongly disagree |
| T2\_CA\_finances\_school\_topic | To what extent do you agree that financial management knowledge and skills should be taught in school? |  |  |  |  |  |

## Hair sample questions

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| T2\_Hair\_Lab\_comment |  | string |
| T2\_Hair\_natural\_colour | What is your natural hair colour? | 1 = Black  2 = Brown  3 = Blonde  4 = Red  5 = Grey |
| T2\_Hair\_treatment | Has your hair been chemically treated in the past 6 months? | 1 = Yes  2 = No  3 = Not sure |
| T2\_Hair\_treatment\_details | If "yes", tick all that apply | 1 = Bleached  2 = Dyed  3 = Permed  4 = Relaxed  5 = Other |
| T2\_Hair\_treatment\_details\_other | Other | open ended question (string) |
| T2\_Hair\_treatment\_date | When was your last hair treatment? | 1 = Less than 1 month ago  2 = 1-2 months ago  3 = 3-4 months ago  4 = More than 4 months ago |
| T2\_Hair\_washing\_frequency | How often is your hair washed in a week? | 1 = Less than 1 time a week  2 = 1-2 times a week  3 = 3-4 times a week  4 = More than 4 times a week |
| T2\_Hair\_product | Was hair product used on the day of the hair sample collection? (today) | 1 = Yes  2 = No  3 = Not sure |
| T2\_Hair\_product\_details | If "yes", what kind of hair product was used? | 1 = Mousse  2 = Gel  3 = Wax  4 = Hair spray  5 = Conditioner  6 = Other |
| T2\_Hair\_product\_details\_other | Other | open ended question (string) |
| T2\_Hair\_corticosteroids | In the past 6 months, have you used any corticosteroids, such as cortisone, dexamethasone, hydrocortinsone (Cortef), prednisone, methylprednisone (Medrol), prednisilone (Orapred, Prelone)? | 1 = Yes  2 = No  3 = Not sure |
| T2\_Hair\_corticosteroids\_details | If "yes", what kind of corticosteroids have you used? | 1 = Pills  2 = Inhalation  3 = Ointment  4 = Nasal spray  5 = Don’t know  6 = other |
| T2\_Hair\_corticosteroids\_details\_other | other | open ended question (string) |
| T2\_Hair\_Meds | Please list all the medications you are currently taking. If you are not sure of the names, specify what you are taking them for. | open ended question (string) |

## Cortisol and DHEA

Based on the hair sample questions, two variables were derived that indicate if a Cortisol and/or DHEA probe should be used in an analysis. It is also usual to exclude or winsorize probes that are below or above 3SD from the mean. That is up to the analyst but it is recommended to not use such extreme values.

! CA: In contrast to 2018, the CA lab already excluded the values of participants with a Cortisol value above the highest standard of 190pg/mg and DHEA value above the highest standard of 100pg/mg. Hence, this analysis does not need to be made for the CA sample. In cases where participants were excluded because of too high values, the respective highest standards can be used for further analysis.

|  |  |  |
| --- | --- | --- |
| T2\_Cort\_pg\_mg |  | number |
| T2\_DHEA\_pg\_mg |  | number |
| T2\_Cort\_exclude | Reasons to exclude participant | 0 = Include  1 = Exclude (corticosteroid yes or maybe)  2 = Exclude (+/- 3SD from group mean)  3 = Exclude (corticosteroid yes and +/- 3SD from group mean) |
| T2\_DHEA\_exclude | Reasons to exclude participant | 0 = Include  1 = Exclude (corticosteroid yes or maybe)  2 = Exclude (+/- 3SD from group mean)  3 = Exclude (corticosteroid yes and +/- 3SD from group mean) |

# COVID-19 dates

|  |  |  |
| --- | --- | --- |
| **Item name in dataset** | **Question** | **Response** |
| COV\_19\_Lockdown | Dates when the first official lockdown/state of emergency was declared in each community (CA: 17/03/2020, SA: 27/03/2020) | Date |
| COV\_19\_Schools\_closed | Dates when schools closed (Alberta, CA: 15/03/2020, SA: 17/03/2020) | Date |

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