



CAMH MONITOR



2016

METADATA USER'S eGUIDE

Centre for Addiction & Mental Health

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CAMH Monitor 2016

Metadata User's eGuide

Anca R. Ialomiteanu

Edward M. Adlaf

Robert E. Mann

2017

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CAMH Monitor 2016: Metadata User's eGuide

ISBN: 978-1-77114-389-9 (PDF) / (Digital)

ISBN: 978-1-77114-388-2 (HTML) / (Online resource)

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Web site: <http://www.camh.ca>

Suggested Citation:

Ialomiteanu, A.R., Adlaf, E.M. & Mann R.E. (2017). *CAMH Monitor 2016:
Metadata User's eGuide*. Toronto, ON: Centre for Addiction and Mental Health.

Available at:

http://www.camh.ca/en/research/news_and_publications/Pages/camh_monitor.aspx

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ACKNOWLEDGEMENTS

A study of this magnitude requires the ongoing cooperation and support of many individuals and groups alike. Over the years, several people have provided invaluable input into this study. Current colleagues who provided support include Angela Boak, Jürgen Rehm, Benedikt Fisher, Gina Stoduto, Hayley Hamilton, Anita Dubey, Christine Wickens, Sergio Rueda, Robert Schwartz, Michael Chaiton, Bruna Brands, and Norman Giesbrecht. Former colleagues include Robin Room, Roberta Ferrence, Susan Bondy, and Lise Anglin. All have provided valuable guidance and creative insight into the development of the CAMH Monitor over the years.

The sampling design and fieldwork were aptly conducted by the Institute for Social Research, York University, and we especially thank Liza Mercier, Stella Park, David Northrup, Lily Li, Rick Myles, and Tammy Chi, for input throughout the project. Special thanks are also owed to the Ontario Tobacco Research Unit who collaborated with us during all cycles of the survey.

This study was supported, in part, by the Ontario Ministry of Health and Long Term Care (MOHLTC). The views expressed here are those of the authors and do not necessarily reflect those of the MOHLTC.

Anca R. Ialomiteanu
Edward M. Adlaf
Robert E. Mann

1. Background

The *CAMH Monitor* (CM), conducted by the Centre for Addiction and Mental Health (CAMH), is an *ongoing monitoring survey* of Ontario adults. One of the mandates of the Centre for Addiction and Mental Health, and of the former Addiction Research Foundation (ARF), is to provide epidemiological surveillance of indicators related to alcohol, tobacco, and other drug use, as well as physical and mental health.

The epidemiological *survey research* in this program has a tradition of four decades. Historically, the survey had a progression from brief face-to-face interview surveys assessing strictly alcohol and other drug use in 1977, to the *Ontario Drug Monitor* (ODM), which broadened the scope and content of alcohol and other drug use issues in 1996. Starting with 1999, this surveillance program further developed into the *CAMH Monitor* now fielded continuously and monitoring a wide range of health and mental health indicators.

The *CAMH Monitor* is designed to serve as the primary vehicle for monitoring mental health and substance use issues in Ontario – including mental health status, alcohol and other drug consumption, public opinion regarding alcohol and other drug use issues and policies, and impairments and disabilities due to alcohol, drug use, and mental health difficulties.

This report describes four important stages of the 2016 cycle of the *CAMH Monitor* survey: first, the sampling design and procedures used to draw the sample; second, the outcome of the sampling process and the resulting sample quality; third, the data collection, instrument and items; and fourth, the microdata and its characteristics. This report also describes the CAMH Monitor 2016 microdata public use file (excluded from public use datasets are any items with disclosure risk).

The *CAMH Monitor* is based on over 40 years of institutional experience with population monitoring surveys (see **Table 1**), including the *Adult Drug Use* series (1977–1991) and the *Ontario Alcohol and Other Drug Opinion Survey* series (1992–1995). To enhance comparability to earlier surveys, the *CAMH Monitor* was designed to maintain many of the features of previous surveys, while maximizing data collection. Including the 2016 cycle of the survey, this program of surveillance research represents 31 surveys conducted since 1977, making it the longest ongoing study of adult alcohol and other drug use in Canada and one of the few studies of such duration globally.

Table 1. ARF/CAMH Ontario Adult Population Survey Program, 1977–2015

	Year	Survey Series	Mode of Interview	Survey Organization	Source (s)
1	1977	ADU	Personal	Gallup	(Smart & Goodstadt, 1977)
2	1982	ADU	Personal	Gallup	(Smart & Adlaf, 1982)
3	1984	ADU	Personal	Gallup	(Smart & Adlaf, 1984)
4	1987	ADU	Personal	Gallup	(Smart & Adlaf, 1987)
5	1989	ADU	Personal	Gallup	(Adlaf & Smart, 1989)
6	1991*	ADU	Personal & Telephone	Gallup & ISR	(Adlaf, Smart, & Canale, 1991)
7	1992	OADOS	Telephone	ISR	(Ferris, Templeton, & Wong, 1994; Ialomiteanu & Bondy, 1997)
8	1993	OADOS	Telephone	ISR	(Bondy, 1994)
9	1994	ADU+ OADOS	Telephone	ISR	(Adlaf, Ivis, & Smart, 1994; Paglia, 1995)
10	1995	OADOS	Telephone	ISR	(Anglin, 1995)
11	1996	ODM	Telephone	ISR	(Adlaf, Ivis, Bondy et al., 1997; Adlaf, Ivis, Ialomiteanu, Walsh, & Bondy, 1997)
12	1997	ODM	Telephone	ISR	(Adlaf, Ivis, & Ialomiteanu, 1998; Adlaf, Ivis, Ialomiteanu et al., 1998)
13	1998	ODM	Telephone	ISR	(Adlaf, Paglia, & Ialomiteanu, 1999; Adlaf, Paglia, Ivis, & Ialomiteanu, 1999)
14	1999	CM	Telephone	ISR	(Adlaf & Ialomiteanu, 2001a; Adlaf, Ialomiteanu, & Paglia, 2000)
15	2000	CM	Telephone	ISR	(Adlaf & Ialomiteanu, 2001b; Adlaf, Ialomiteanu, & Paglia, 2001)
16	2001	CM	Telephone	ISR	(Adlaf & Ialomiteanu, 2002a, 2002b)
17	2002	CM	Telephone	ISR	(Adlaf & Ialomiteanu, 2003)
18	2003	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2004)
19	2004	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2005)
20	2005	CM	Telephone	ISR	(Adlaf, Ialomiteanu, & Rehm, 2008; Ialomiteanu & Adlaf, 2006)
21	2006	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2007)
22	2007	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2008; Ialomiteanu, Adlaf, Mann, & Rehm, 2009)
23	2008	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2009)
24	2009	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2010; Ialomiteanu, Adlaf, Mann, & Rehm, 2011)
25	2010	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2011)

Year	Survey Series	Mode of Interview	Survey Organization	Source (s)	
26	2011	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2012; Ialomiteanu, Adlaf, Hamilton, & Mann, 2012)
27	2012	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2013)
28	2013	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2014; Ialomiteanu, Hamilton, Adlaf, & Mann, 2014)
29	2014	CM	Telephone	ISR	(Ialomiteanu & Adlaf, 2015)
30	2015	CM	Telephone	ISR	(Ialomiteanu, Adlaf, & Mann, 2016; Ialomiteanu, Hamilton, Adlaf, & Mann, 2016)
31	2016	CM	Telephone	ISR	(Ialomiteanu, Adlaf, & Mann, 2017)

Notes: ADU -Ontario Adult Drug Use; OADOS - Ontario Alcohol and Other Drug Opinion Survey; ISR - Institute for Social Research, York University; * mode comparison study.

1.1 The CAMH Monitor Surveillance Program (1996-ongoing)

As seen in **Table 1**, the CM2016 is but a single cycle nested within a much larger surveillance program spanning 31 cycles during a 40-year period. Moreover, the CM2016 is the 21st cycle conducted since the series became continuously fielded in 1996. This series of repeated, cross-sectional surveys were conducted periodically from 1977 to 1989, then annually from 1991 to 1995, and starting in 1996 were conducted continuously. All surveys share a common target population of noninstitutionalized Ontario adults aged 18 or older and a sample derived from probability sampling.

1.2 CAMH Monitor and Earlier Series

There are four major differences between the current *CAMH Monitor* and earlier series:

1. The *CAMH Monitor* series is based on the **annual cumulation of rolling samples** (monthly samples between 1996 and 2010; quarterly samples beginning 2011), versus the periodic time-limited fieldwork (typically 3-4 months) in earlier surveys. Such “rolling” or continuous surveys have several advantages over periodic fieldwork including the following:
 - greater capacity to detect seasonal and secular trends;
 - greater capacity to provide timely data;¹
 - ability to accumulate rare populations across time (Kalton, 2009; Kish, 1999);
 - multiple repeated samples lead to better statistical estimation (Kish, 1965);
 - reduction of administration costs by efficiencies in assigning interviewer workload across time;
 - more efficient detection of interview error and ability to make adjustments during fieldwork; and
 - potential for quickly fielding new material and evaluating changes in programs, policies and legislation, and for assessing potential drug-related outbreaks.
2. The *CAMH Monitor* is **regionally stratified with equal allocation** of respondents within each region (versus nonstratified or proportional allocation employed in earlier surveys). Thus, the precision of estimates from areas such as Northern Ontario are appreciably improved compared to earlier surveys. As well, the potential for combining/cumulating cases across samples for regional, subgroup and rare-group analyses is greatly enhanced (see Kalton 2009; Kish, 1999).
3. Beginning in 2000, the *CAMH Monitor* sampling plan introduced **list-assisted**² sampling, thus including cell phones (as well as newly connected or listed and unpublished numbers) into the survey population frame. In 2016, a **pilot study** using a separate **cell-phone sample** was added to the sampling frame for the Toronto area (see pages 5-8 for more details).
4. Between 1996 and 2016, the annual sample size varied between 2,005 and 5,013 respondents. (see **Appendix A** for details about sample sizes across years).

¹ Because changes to the CATI can be made within days, emerging issues can be quickly administered.

² Between 1991 and 1999, the stage 1 sampling frame consisted of landline telephone numbers only. In 2000, the design was expanded to a list-assisted RDD, which also included the selection of cell phone numbers, unlisted numbers and newly-activated numbers.

2. CAMH Monitor Sample Design

2.1 Target Population and Sampling Frame

The CM2016 was administered by the Institute for Social Research, York University, which served as the contractor to produce all random digit dialed (RDD) telephone surveys since 1991. Since 2000, the *CAMH Monitor* has been a regionally stratified, list-assisted RDD rolling survey. In 2016, **two sampling frames** were used: (1) a **province-wide list-assisted RDD sampling frame** and (2) a Toronto area **dual-frame RDD experiment** (a pilot study using a cell phone RDD sampling frame).

The *CAMH Monitor* **target population** – the intended population which we wish to make inferences about – is *noninstitutionalized adults aged 18 or older residing in Ontario households during calendar year 2016*. The **survey (or frame) population** – the population that has an actual chance of being selected – is based on adult telephone subscribers (landline and cell phone) and their household members residing in Ontario. **Excluded by design** are Ontario residents that are phoneless, which represent less than 0.5% of Ontario residents (Statistics Canada, 2014). In addition, those institutionalized in a medical or correctional setting, those too ill or aged to be interviewed and those unable to communicate in English on the telephone are also deemed out of scope. Note also that the *CAMH Monitor* design does not exclude military personnel from the target population.

The province-wide landline/list-assisted RDD sampling frame

Since 2000, the sampling frame has been built using the 10-digit telephone numbers in Ontario consisting of an area code, a central office code or exchange (the first three digits of the telephone number) and a suffix or bank (the last four digits). A list of telephone numbers in Ontario can be constructed from CD-ROM versions of telephone directories and other commercially available lists of telephone numbers. Selections from these sources, as well as telephone numbers between or on either side of listed numbers are included in the sampling frame. In essence, each randomly selected number from a telephone directory serves as a seed for additional random selections that are not restricted to published landline numbers. For example, if the selected number xxx-xxx-8513 is published in a directory then all numbers from xxx-xxx-8510 through xxx-xxx-8519 are included in the sampling frame even if they are cell phone numbers or unlisted numbers (unless they are known *not-in-service* numbers). A computer is then used to generate a random sample of telephone numbers from this frame from which each quarterly sample is drawn. Because *unlisted numbers, cell phone numbers, cable phone numbers and newly activated numbers* are potentially interspersed among published numbers in the sampling frame, this strategy of using a **list-assisted frame** provides a superior sample.

The Toronto area experiment – dual-frame sampling

From April to September 2016, a dual-frame component was introduced as a pilot study within the CAMH Monitor Survey in the Toronto region. The **dual-frame pilot** study included adding a cell phone sample to the landline/list-assisted sample. In total, 171 cell phone interviews were completed using the cell phone sampling frame in Toronto, in addition to the 515 interviews completed using the landline/list-assisted sampling frame. Similar to the selection of the landline sample, cell phone telephone numbers were randomly selected from the Toronto region. Because a listing of cell phone numbers does not exist, the cell phone sampling frame was created from the list of dedicated cell phone exchanges for the geographical area (in our case, Metro Toronto) (see page 8 for more details).

2.2 CM2016 – The Province-Wide List-Assisted Sample Selection

The CM2016 province-wide sample design employed a **stratified** (by six regional area code aggregates) **two-stage** (PSU=telephone number; SSU=respondent) **list-assisted RDD rolling quarterly³ probability selection** procedure, which interviewed English-speaking household residents of Ontario aged 18 or older. Each calendar year the **four quarterly non-overlapping samples** were cumulated to provide a single calendar year dataset (Alexander, 2002; Kish, 1999). Despite some variation in the fieldwork duration of earlier cycles, the *CAMH Monitor* has been continuously fielded since 1996.

The *CAMH Monitor* Sample Design 2016

Stage of Selection	Primary Sampling Unit (PSU) / Secondary Sampling Unit (SSU)	Strata
1.	Telephone household (PSU), selected each quarter using list-assisted RDD rolling samples with equal probability. Telephone numbers are selected without replacement.	Area code aggregates ($n=6$); equally allocated (i.e., disproportional to population)
2.	Respondent (SSU) aged 18+ residing in household of telephone subscriber, selected using "modified" last birthday method (see below for details). Respondents selected without replacement.	None

Stage 1 – telephone number selection: Within each of the six regional area code stratum (the 11 area codes in the province were grouped into 6 strata), *each quarter* a random sample of telephone numbers was selected with equal probability (EPSEM) and without replacement (WOR) from the frame just described.

Stage 2 – respondent selection: Within households of selected telephone numbers, one respondent aged 18 or older who could complete the interview in English⁴ was usually selected without replacement (WOR) according to the *last birthday* method of selecting household members.

Starting with 2015, the question on the *selection of the respondent* in a household was slightly *modified* to increase the probability of selecting a younger adult (age 18 to 30) as the respondent in a household to increase sample representativeness.

In the past, interviewers had asked, "Including yourself, how many people 18 years of age or older live in your household?" In 2016, interviewers asked, "Including yourself, how many people

³ In 2011, the sampling interval was revised from monthly samples to quarterly (i.e., trimonthly) samples. The reason for this change was to increase the call-back period in order to maximize the contact and response rate.

⁴ With the introduction of the RDD series in 1991, both English and French CATIs were made available to all respondents. However, experience with the *CM* surveys found that most Francophone respondents preferred to complete the English interview. Given this preference, in 1998 the CATI became exclusively English.

between 18 and 30 years of age live in your household?” If there was only one person who was between the ages of 18 to 30 living in a household, this person was identified as the respondent. If there were two or more younger adults in a household, one of the younger adults was randomly selected using the next birthday method. In households where there was no one under 30 years of age, there was no change in the probabilities of selection and *the next birthday selection* method was used. Since the total number of adults in a household (age 18 and over) does not change regardless of the age of the adult respondent being selected, and only the total number of adults in a household is used to calculate weights in a household, the calculation of weights for 2016 stays the same as previous cycles of CAMH Monitor.

A minimum of 12 call attempts were placed to unanswered numbers and households who refused to participate on the first contact were recontacted in an attempt to convert their refusal to participation.⁵ To better equalize the precision of estimates within each regional strata of the province, the sample was equally allocated among six area code strata resulting in a *disproportional-to-population allocation* (see **Table 2**). Survey weights are required to restore population representation (see page 19 for more details). The 2016 *CAMH Monitor* weighted sample is considered representative for **10,157,960** Ontarians aged 18 or older (see **Table 5**).

Table 2. CAMH Monitor Regional Stratification of Ontario’s Area Codes

Region	County	Area Code
Toronto	City of Toronto	416, 647
Central West	Halton; Hamilton-Wentworth; Waterloo; Wellington; Dufferin; Niagara; Brant; Haldiman-Norfolk	519, 905, 289, 226
Central East	Simcoe; Peel; York; Haliburton; Peterborough; Kawartha Lakes; Northumberland; Durham	705, 905, 289
West	Kent-Chatham; Huron; Perth; Elgin; Oxford; Middlesex; Grey; Bruce; Lambton; Essex	519, 226
East	Stormont, Dundas and Glengarry; Prescott-Russell; Ottawa-Carleton; Renfrew; Lanark; Leeds-Grenville; Hastings; Prince Edward; Frontenac; Lennox and Addington	613, 343
North	Kenora; Rainy River; Thunder Bay; Muskoka; Parry Sound; Nipissing; Timiskaming; Algoma; Manitoulin; Sudbury RM; Sudbury TD; Cochrane	705, 807

Note: Over the years the following area codes were overlaid: 647 with 416; 289 with 905; 226 with 519; and 343 with 613.

Advance Letters - Starting with CM2009, to improve the response rate, or at a minimum, to dampen further reduction, all *selected telephone households in the province* were mailed an **advance letter**. The letter, on CAMH letterhead, described the history, purpose and importance of the study and mentioned that the household would be phoned in the near future and asked to participate in the survey. Advance letters were mailed one week prior to telephone contact. The advance letter has a small positive effect in making households aware of the legitimacy, importance and sponsorship of the study and in expecting the phone call, and in providing interviewers additional confidence when introducing themselves to respondents (see details **Appendix B**).

⁵ These refusers are recontacted once after the initial refusal to make a final request for participation. Refusal conversions attempts are conducted by experienced, specifically trained interviewers. However, those respondents who refuse by saying 'put me on your do-not-call list' or are distressed about the request are never recontacted.

2.3 CM 2016 - The Toronto Area Dual-Frame Experiment: the Cell-Phone Sample Selection

As mentioned above, an experiment using a *cell phone only* sample was implemented in the Toronto area from April to September 2016. The main purpose of this change in the sample selection method was to examine whether the *cell phone* sample could capture younger respondents than the landline/list-assisted telephone survey. The cell-phone only survey component was designed as an additional panel (called “Panel E”) and was added to the survey starting April 1st, 2016. The cell phone panel included only sets of questions that were asked in the telephone survey (more details about the cell phone sample and the “Panel E” CATI interview are presented in **Appendix E** and **Appendix F**).

Sample Selection

Similar to the selection of the landline sample, **cell phone telephone numbers** were **randomly selected** from the Toronto region. However, unlike landline telephone numbers (where listed telephone numbers are compiled and supplemented with commercially available lists), a listing of cell phone numbers (i.e. ‘phonebook’) does not exist. Therefore, cell phone samples are created from the **list of dedicated cell phone exchanges** for the geographical area (in our case, Metro Toronto). The geographical information available for each number is limited to the area code (which determines broadly which area of the province the cell phone is used in) and the ‘rate centre’ (the city where that phone exchange switching station is located, and the free dialling zone associated with the cell phone number). This generally results in a larger calling zone and requires a larger sample and screening to determine if the cell phone number is in the designated area. Because it is not possible to obtain street (or mailing) addresses for cell phone numbers, advance letters are not mailed to households in advance of an interviewer calling. Similar to landline samples, the cell phone sample includes ‘not-in-service’ and ‘non-residential’ telephone numbers, but unlike landline numbers a non-trivial proportion of the numbers are screened out as they are not in the geographical area of interest.

Respondent Selection

In landline samples, the second stage of the sample selection process is the random selection of a respondent from the selected household (using the modified birthday selection method if there is more than one adult in the household). The assumption is that the landline telephone number is associated with all eligible members of the household. For the CAMH Monitor cell phone sample, (as with most cell phone surveys, including the CDC’s Behavioural Risk Factor Surveillance System)⁶, the assumption is that each cell phone is linked to a single individual and is not shared with other household members. Therefore, regardless of the number of adults living in the household, the **adult user** of the **cell phone** is selected as the **respondent** (i.e. no random respondent selection). The interviewing protocol for cell phones is as follows: (1) first, the interviewer determines whether the cell phone is used mainly for personal use; (2) the interviewer determines if the respondent is in a place where they can safely talk on the phone to answer questions, and (3) the interviewer determines that the respondent is at least 18 years old.

Response Rate

The response rate for the cell phone sample pilot component was **35%** and was calculated the same way as the CAMH Monitor’s landline/list-assisted response rates have been calculated (#completed interviews/estimated # eligible respondents). More details about the RR and also details about the weights calculation for the dual frame pilot study can be found in **Appendix E**.

⁶ https://www.cdc.gov/brfss/annual_data/2015/pdf/overview_2015.pdf

Because the cell phone sample component was only a pilot study, and was asked for 6 months in one region only, the Toronto cell phone data was not included in the final CM2016 public use data file. But it will be used to compare the two sampling methods as a way to understand how adding cell phone interviews will affect the data and is available for research purposes upon request.

3. Data Collection and Quality – List-Assisted Sample

3.1 Questionnaire Content and Design – Computer Assisted Telephone Interviews (CATI)

In total, **3,042** respondents completed the province-wide, list-assisted CATI interview in 2016. Two categories of questions were asked in the CM2016 – core and panel (subsample) items. Three randomly assigned split ballot CATI⁷ interviews concurrently fielded were employed: **Panel A** (with a maximum of 124 items) comprised interviews with **1,008** respondents, **Panel B** (with a maximum of 148 items) comprised interviews with **1,020** respondents, and **Panel C** (with a maximum of 132 items) comprised interviews with **1,014** respondents. Panels A and B were fielded concurrently between January 04 through December 06, 2016; Panel C was fielded between January 04 through March 30 (monthly interviews varied from 96 to 696). To reduce respondent burden and maximize questionnaire content and flexibility, the *CAMH Monitor* employs a *matrix interview design*, whereby within each panel (or across panels for core items), random subsets of respondents are asked various modules of questions, whereas the remaining respondents are asked modules or sets of different questions (see **Appendix C** for the CATI questionnaire). The *major advantage* of this matrix interview method is that the interview content can be maximized without increasing the length of a single interview. In addition, the CATI system's ability to randomize respondents between different question conditions and question formats readily allows for methodological studies on question wording, order, etc. A *disadvantage*, however, is that sample sizes for split sample analysis are reduced. Some discussion of matrix sampling can be found in (Heeringa, West, & Berglund, 2010; Thomas, Raghunathan, Schenker, Katzoff, & Johnson, 2006).

3.2 Questionnaire Pretesting and Interviewing

Prior to the initiation of fieldwork, all new questions and full CATI interviews were field pretested with approximately 25 respondents. This pre-survey assessment included information from pretest respondents, interviewer debriefings and expert evaluation by staff at ISR and CAMH. Compared with paper-pencil questionnaires, CATI interviews have several *advantages*, including the following: interviewer administration, immediate data capture, automatic control of question sequence, centralized interviewer supervision and capability of randomization of respondents to particular questions, and randomization of the presented item order.

The 2016 interview averaged **23.4 minutes** (range 10–89 min.; median 22 min.; 90% of interviews completed within 30 min). Interviews were conducted by 45 ISR interviewers, many of whom had considerable CATI experience and had completed interviews on prior CAMH surveys.⁸ In addition, all respondents who refused to participate on the first contact were recontacted by a seasoned interviewer with the purpose of converting the respondents initial refusal to participation (11.9% of initial refusers were converted).

⁷ ISR's CATI facility employs CASES (Computer-Assisted Survey Execution System) software in implementing the CATI system.

⁸ Each cycle of the *CAMH Monitor* was approved by the *CAMH* Research Ethics Board.

3.3 Methodological, Special Studies and Recruitment Requests

In addition to surveillance activities, each *CAMH Monitor* cycle may contain dedicated investigations, institutionally or grant funded, pilot studies, experiments, or recruitment requests for participants identified in the survey as meeting the criteria for research projects at CAMH. Among the special items included in the 2016 cycle of the survey, we could mention items about e-cigarettes and water pipe smoking in Panel A, items about traumatic head injuries, suicidal ideation, cannabis use, opinions about cannabis policy, opinions about alcohol in grocery stores in Panel B, and items about gambling activities, gambling problems and problematic use of electronic devices in Panel C.

Special Studies - CAMH Monitor 2016	
Special item sets included in 2016	When Introduced
▪ E-cigarettes	▪ 2013
▪ Water pipe smoking	▪ 2012
▪ Suicidal ideation	▪ 2012
▪ Financial stress	▪ 2014
▪ Cannabis policy/opinions	▪ 2014
▪ Cannabis – Approved medical use	▪ 2013
▪ Traumatic head injury	▪ 2011
▪ Driving after prescription opioids	▪ 2010
▪ Gambling activities and gambling problems	▪ 2015 (last asked 2005)
▪ Problematic use of electronic devices	▪ 2015
▪ Adverse life experiences (trauma)	▪ 2015
▪ Alcohol in grocery stores	▪ 2015
▪ ADHD	▪ 2015 (last asked 2011)

3.4 Respondent Evaluation

Improvement in the quality of survey data depends upon ongoing evaluation. To continually assess the quality of responses and to further improve future CM data, respondents were asked, at the end of the interview, to evaluate two aspects of the interview – length and comprehension. The following is a summary of the findings.

Only 45% cent of respondents found the interview “too long” or “somewhat long” (lower than the 53% found in 2015), and only 9% said the interview was “somewhat” or “much too difficult”. When asked which questions were confusing or difficult, the most common answers included questions about mental health, taxes, smoking in public places, and alcohol and drug use. Reasons why the questions were confusing included: recall difficulty; insufficient detail to answer questions (e.g., absence of first-hand experience or knowledge; unfamiliarity with the situation or lifestyle presented); repetitiveness; and cognitive complexity (e.g., lengthy or difficult questions). The most frequently cited topics that were difficult to answer included drug and alcohol use, mental health, ethnicity and household income. Among the more common difficulties mentioned were absence of knowledge or unfamiliarity with the situation or lifestyle presented; recall difficulty; inability to give a straight answer; and perception of the topic as too personal.

3.5 Data Limitations

Although sample surveys are the most feasible means to establish and monitor substance use and mental health indicators in the population, those interpreting *CAMH Monitor* data should consider the following.

Telephone households. The *CAMH Monitor* is based on a survey (or in-scope) population of Ontario households with telephones. Whether our estimates would be significantly biased by projecting estimates to all households depends on the size of nontelephone households *and* whether nontelephone households differ from telephone households. Based on the most recent *Residential Telephone Service Survey* (RTSS), Statistics Canada estimated that in 2013, 61% of Ontario households had a landline telephone, 85% had a cell-phone, 12% had a cable-phone, and less than **0.5% were phoneless** (Statistics Canada, 2014). As well, household surveys are limited to those residing in conventional households and are not intended as a sample of all possible adults. Thus, those residing in an institutional setting, those in prisons and hospitals, and, as well, transient populations such as the homeless and marginally housed, are excluded from sampling. These excluded groups often contain an especially large number of drug users and heavy drinkers (Rossi, 1989) and those with mental health impairments and disabilities.

However, the bias caused by such noncoverage depends upon firstly the *difference* in drug use and mental health status between those surveyed and those not surveyed, and secondly, the *size* of the group missed (Groves, 2006; Groves & Couper, 1998). Thus, even if rates of drug use and mental health impairment are substantially higher in the excluded group than those in the sampled group, if the size of the excluded group is small relative to the total population the bias is usually minimal (Kandel, 1991; Trinkoff, Ritter, & Anthony, 1990). One common deficit of telephone surveys is that they tend to over-represent those with higher education and under-represent those with lower education.

Interview barriers. Some interviews could not be completed because respondents could not adequately converse in English or were too ill or aged.

Self-reports. Survey estimates are influenced by errors of observation related to individual reporting of behaviours and the conditions under which the survey is conducted. One limitation of the sample survey in this regard is its reliance on self-reported behaviour. Reviews of self-report methods for alcohol and drug use suggest that although surveys tend to underestimate true usage, they are still regarded as the best available means to estimate such behaviours (Rehm et al., 2005; Harrison, Haaga, & Richards, 1993; Turner, Lessler, & Gfroef, 1992). Moreover, although these biases influence alcohol, drug use and mental health estimates at a single point in time, they should have lesser impact on estimating trends as long as underreporting remains constant. If this is the case, estimates of change should remain unbiased and valid (Cochran, 1977).

3.6 Participation - List-Assisted Sample

Of the 10,899 telephone numbers selected during the four quarters of 2016 (of which 7,420 were known, or estimated, to be eligible), **3,042 respondents participated**, representing an eligibility-adjusted **cooperation rate** of **46%** and a **response rate** of **38%** (**Table 3**) (quarterly response rates varied from 33% to 40%).⁹

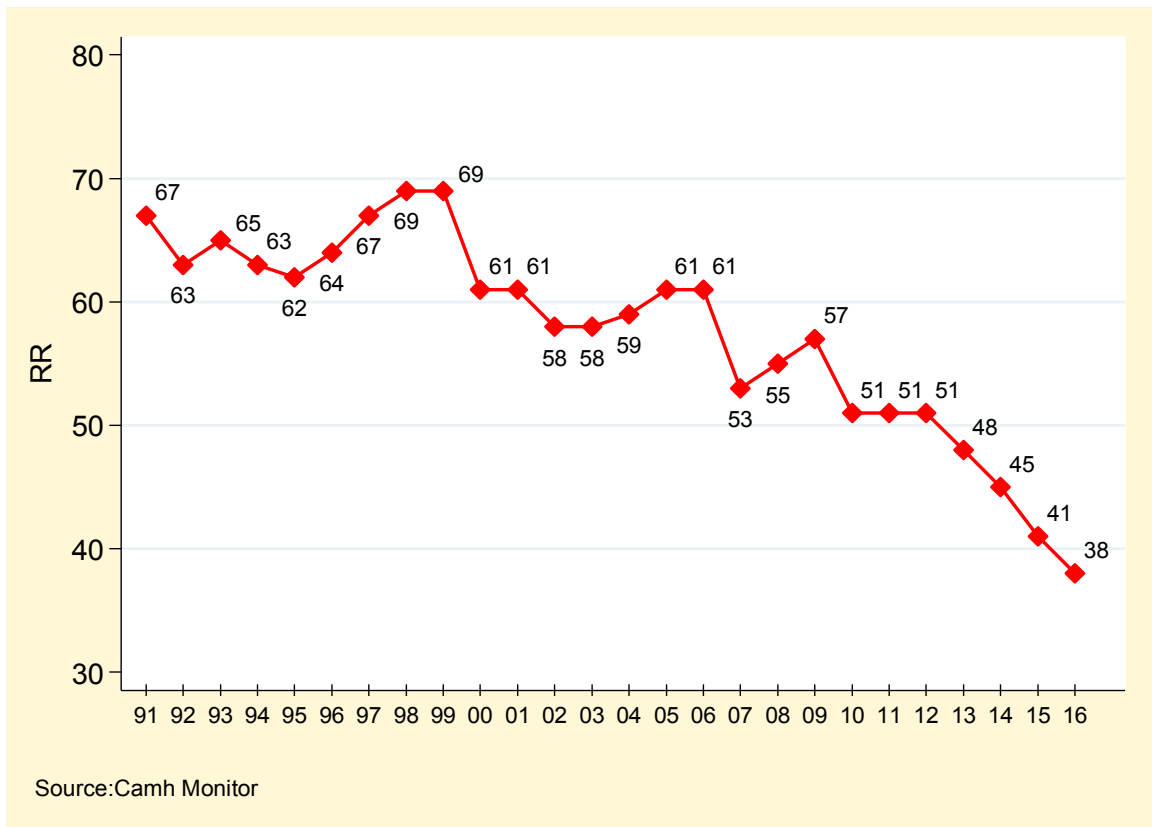
⁹ We employ AAPORs (American Association of Public Opinion Research) eligibility-adjusted response rate calculation #3, which includes an estimate of unknown eligible in the denominator (see Standard Definitions at <http://www.AAPOR.org/>).

The CM 2016 unit response rates are still comparable to those of more recent Canadian alcohol and drug use surveys, including the 2012 CADUMS (*Canadian Alcohol and Drug Use Monitor Survey*) (Health Canada, 2012), which obtained an overall response rate of **40%**. However, compared to the *Behavioral Risk Factor Surveillance Survey* (BRFSS), the largest health risk RDD survey in the US, coordinated by the Centers for Disease Control and Prevention, the CM 2016 response rate is considerably lower. In 2015, the median survey response rate of BRFSS for all states and territories was **47.2%**.¹⁰

The decline in response rates in the past two decades is common to many large-scale surveys (Groves et al, 2009:186–188). Like many large-scale telephone surveys, the *CAMH Monitor's* response rate continues to slide downward, showing a small, but significant, linear annual decline. Unit response rates for the 25 RDD surveys conducted between 1991 and 2016 (see **Table A1, Appendix A**) varied from 69% to 38%. Although the year-to-year change in the response rate is small, the cumulative reduction is significant and worrisome.

CAMH Monitor's response rate has declined from 45% in 2014 to 41% in 2015 and to 38% in 2016 (see **Figure 1; Table A1, Appendix A**). Part of this decline in response rate can be attributed to including a mixed-mode and dual frame methodology (landline telephone, cell phones and web) to the data collection process.

Figure 1. Trends in CAMH Monitor response rates (RR), 1991–2016



¹⁰ CDC, https://www.cdc.gov/brfss/annual_data/2015/pdf/2015-sdqr.pdf (Accessed April 5, 2017).

Details on the CM2016 fieldwork dispositions, quarterly **cooperation rates** (degree to which eligible units who have been contacted agreed to participate) and quarterly **response rates** are shown in **Table 3**, whereas the distributions of demographic characteristics of the final sample are depicted in **Table 4**.

Cooperation rates are highly influenced by the experience of interviewers. Although interviewers were successful in making contact with 89% of the telephone numbers assigned, the cooperation rate was the dominant source of respondent loss.

Table 3. Fieldwork Disposition, List-Assisted Sample, CAMH Monitor, 2016

Quarter	1	2	3	4	TOTAL
Month	JAN-MARCH	APR-JUNE	JUL-SEP	OCT-DEC	JAN-DEC
Panel	A+B+C	A+B	A+B	A+B	A+B+C
Begin fieldwork	1/04	4/01	7/02	10/01	1/04
End fieldwork	3/31	6/30	9/30	12/06	12/06
Total units (1)	5327	1759	1748	2065	10899
Resolved [Eligibility known] (2)	5063	1687	1667	1697	10114
In scope [Eligible] (4)	3692	1294	1215	1219	7420
Respondents (6)	1525	528	507	482	3042
Refusal conversions (11)					
Other Rs (12)					
Non-respondents (7)	2167	766	708	737	4378
Refusals (13)	1871	621	545	564	3601
Noncontacts (14)					
Other nonrespondents (15)	296	145	163	173	777
Out of scope [Not eligible] (5)	1371	393	452	478	2694
Nonexistent units (8)					
Temporarily out of scope (9)					
Permanently out of scope (10)	1371	393	452	478	2694
Unresolved/Eligibility unknown (3)	264	72	81	368	785
Estimated in scope (3A)	193	55	59	264	576
Estimated out of scope (3B)	71	17	22	104	209
Response rate ----- (6/(4+3A))	0.39	0.39	0.40	0.33	0.38
Cooperation rate -----(6/(6+13))	0.45	0.46	0.48	0.46	0.46
Refusal rate -----(13/4)	0.51	0.48	0.45	0.46	0.45
Nonresponse rate -----(7+3A)/(4+3A)	0.64	0.63	0.63	0.82	0.67
Noncontact rate -----(14+3A)/(4+3A)	0.05	0.04	0.05	0.18	0.07
Average interview minutes	23.1	23.5	23.9	23.6	23.4
Minutes (range)	10-89	15-55	13-63	14-65	10-89

3.7 Sample Evaluation and Characteristics of the CM2016 List-Assisted Sample

Because the CM sample is equally allocated within each of the six regional strata, survey weights are required to restore population representation. The final survey weights of CM2016 are a function of the inclusion probability and a post-stratification adjustment (see more details page 18).

Table 4 shows that the weighted distribution (including post-stratification adjustments) of the CM2016 replicates the age and sex distribution of the 2011 Census^a. Note that these comparisons match closely because of the age by sex post-stratification adjustments applied to the selection weights. Additional demographic comparisons were available only for marital status and region. There were differences between the Census and CM2016 figures only for marital status. Compared to Ontario Census figures from 2011, the 2016 CM sample *underrepresented* those never married (27.6% vs. 23.8%), and those widowed, divorced or separated (17.9% vs. 10.7%), and *overrepresented* those married or living with a partner (54.5% vs. 65.5%). An overview of the CM2016 sample is provided in **Table 5** and demographic characteristics of the CM2016 sample are presented in **Table 6**.

Table 4. Selected Demographic Characteristics: Postadjusted Weighted CM2016 versus 2011 Census Figures, Ontario Population, Aged 18 and Older

	CM2016 ^b (n=3042) (postadjusted)			2011 Ontario Census ^a (N=10,157,960)	
GENDER					
Men	(45.6	48.0	50.4)		48.1
Women	(49.6	52.0	54.4)		51.9
AGE					
18–24	(10.1	11.8	13.9)		11.9
25–44	(30.8	33.3	35.9)		33.3
45–64	(34.3	36.4	38.5)		36.3
65+	(17.2	18.5	19.9)		18.5
MARITAL STATUS					
Never married	(21.4	23.8	26.3)	*	27.6
Married/Living as married	(63.0	65.5	67.9)	*	54.5
Widowed/Separated/ Divorced	(9.7	10.7	11.8)	*	17.9
REGION					
Toronto	(20.7	22.0	23.2)		21.8
Outside Toronto	(76.8	78.0	79.3)		78.2

Notes: ^aAt the time of this writing, the 2016 Census data were not fully accessible;

^bCM data refer to: lower limit of 95% confidence interval, percentage estimate, and upper limit of 95% confidence interval; * indicates census figure is outside the bounds of the CM confidence interval (CM data excludes missing data).

Source: Statistics Canada. [On-line]. Available: <http://www12.statcan.ca/english/census/index.cfm>.

Table 5. Overview of CAMH Monitor 2016 List-Assisted Sample

CAMH Monitor 2016
<ul style="list-style-type: none"> • Target population: noninstitutionalized Ontario adults aged 18 or older. Telephone numbers drawn by a list-assisted RDD stratified (6 area code regions), two-stage (telephone number; then respondent) sampling plan. • 10,899 randomly selected telephone numbers (including landline, cell/mobile, unlisted and newly-published), of which 7,420 were estimated to be eligible. • 3,042 respondents aged 18 or older completed computer assisted telephone interviews (CATI) in English (Panel A= 1,008; Panel B=1,020; Panel C=1,014) between January 04 and December 06, 2016. • 46% cooperation rate; 38% unit response rate • Three concurrently administered Computer Assisted Telephone Interviews (CATI) were conducted in English <i>throughout</i> the 2016 calendar year and averaged 23.4 minutes in length (90% of interviews completed within 30 minutes). • Sample represents 10,157,960 Ontarians aged 18 or older; each respondent represents 3.339 Ontario adults. • 48% men ($n=1912$); 52% women ($n=3,101$) • Mean age of 47.7 years (range 18–98 years) • Sample equally allocated within six telephone area code regions • Compared to the available demographic characteristics for Ontario residents from the 2011 Census, the <i>CM2016</i> respondents were <i>similar</i> for gender and age; <i>underrepresented</i> those never married, widowed, divorced or separated; and <i>overrepresented</i> those married or living with a partner.

Table 6. Demographic Characteristics of the CM2016 List-Assisted Sample

	No. Interviews	Unweighted % (N=3,042)	Weighted % (N=10,157,964)	Design Effect
Gender				
Men	1182	38.9	48.0	1.8
Women	1860	61.1	52.0	1.8
Age				
18–29	217	7.2	18.9	2.9
30–39	241	8.0	15.3	2.5
40–49	454	15.0	18.5	1.8
50–64	1032	34.1	28.5	1.4
65+	1086	35.8	18.4	1.0
Missing	12	0.4	0.4	1.3
Marital Status				
Married	1713	56.3	58.1	1.9
Living with a partner	195	6.4	7.0	1.7
Widowed	352	11.6	4.2	0.7
Divorced	248	78.2	4.0	0.8
Separated	118	3.9	2.4	1.0
Never Married	393	12.9	23.7	2.6
Missing	23	0.7	0.5	1.4
Regional Strata				NA
Toronto	515	16.9	22.0	--
Central East	505	16.6	25.4	--
Central West	501	16.5	18.8	--
West	507	16.7	13.4	--
East	505	16.6	13.4	--
North	509	16.7	7.0	--
Location of Household (based on FSA)				
Rural	410	13.5	11.2	1.4
Nonrural	2632	86.5	88.8	1.4
Highest Education				
Not completed high school	277	9.1	5.9	1.2
Completed high school	648	21.3	19.9	1.8
Some college or university	1012	33.3	34.2	1.8
Graduated university	1085	35.7	39.4	1.8
Missing	20	0.7	0.6	1.0

	No. Interviews	Unweighted % (N=3,042)	Weighted % (N=10,157,964)	Design Effect
Gross Family Income (,000s)^a				
<\$20	127	4.2	2.2	1.2
\$20–29.9	194	6.4	3.5	1.1
\$30–39.9	174	5.7	3.7	1.2
\$40–49.9	182	6.0	4.1	1.3
\$50–59.9	215	7.1	5.5	1.6
\$60–69.9	163	5.4	5.0	1.2
\$70–79.9	156	5.1	5.3	1.9
\$80–89.9	135	4.4	5.0	1.8
\$90–99.9	100	3.3	3.6	1.9
\$100+	945	31.1	40.0	1.8
Don't know	202	6.6	8.4	2.4
Refused	449	14.8	13.7	1.5
Employment Status				
Full-time job	1152	38.0	47.9	1.8
Part-time job	235	7.7	9.0	2.2
Unemployed	78	2.6	3.9	2.7
Retired	1157	38.0	20.7	1.0
Homemaker	87	2.9	2.7	1.3
Student	103	3.4	7.8	2.7
Self-employed	123	4.0	4.3	1.6
Other	98	3.2	3.3	2.1
Missing	9	0.3	0.3	1.1
Language spoken at home				
English	2751	90.4	87.3	2.3
French	71	2.3	1.7	1.0
Other	213	7.1	10.7	2.5
Missing	7	0.2	0.3	1.6
Telephone Interview Mode				
Home phone/Landline	2969	97.5	97.7	1.9
Cell phone	59	1.8	1.8	2.2
Missing	14	0.7	0.5	2.2
Ethnicity/Race				
White	2651	87.1	79.2	2.4
Asian	151	5.0	9.5	2.6
Black	63	2.1	3.2	1.9
Aboriginal	35	1.2	1.1	1.3

	No. Interviews	Unweighted % (N=3,042)	Weighted % (N=10,157,964)	Design Effect
Middle Eastern	30	1.0	1.7	3.1
Latin American	29	1.0	1.6	2.3
Other	50	1.6	2.3	2.9
Missing	23	1.1	1.5	2.2
Immigrant Status				
Born outside Canada	641	21.1	24.1	1.8
Born in Canada	2386	78.4	75.2	1.8
Missing	15	0.5	0.6	1.6

Notes: ^a Income based on an initial open-ended metric response, or if refused, a close-ended follow-up question.

4. Postsurvey Data Processing (Weighting and Analysis)

4.1 Survey Weighting

Because the sample is equally allocated within each of the six regional strata (i.e., aggregated telephone area codes), survey weights are required to restore population representation. Data users have the option of using one of two analysis or case weights — a **population-scaled (or expansion) weight (XWGHT)**¹¹ scaled to sum to the total population size (10,157,960 Ontarians aged 18 and over), or a **sample-scaled** (equivalently known as relative or normalized) **weight (FWGHT)** scaled to sum to the number of interviewed respondents. Both weights are a function of the inclusion probability and a post-stratification adjustment, and because both are rescaled versions of one another, both will provide identical point estimates (within rounding error), but will produce different sum of weights (sample sizes). Although both expansion and relative weights are provided on the dataset, most complex sampling software requires only the expansion population weights for analysis (Heeringa, West & Berglund, 2010). *We recommend using weights for all descriptive analyses making inference to the Ontario adult population.* However, data analysts entertaining unweighted analyses should consult Korn and Graubard (1999:172–178) regarding methods to assess the inefficiency of using sampling weights when unnecessary.

Calculation of the final quarterly survey weight variable consisted of four components: household (HH), region, survey quarter (the quarterly sampling interval) and poststrata adjustments. Within each quarter and region, the relative household weight is directly proportional to the number of household residents aged 18 or older. Within each annual cycle, the relative region weight is directly proportional to the percentage (P) of all Ontario households located in the region. Finally, cycles are weighted so that each quarterly period makes an equal contribution to the annualized weighted sample. A prior assessment of the number of household phones as a component of selection weights was not appreciable to be factored into the final weight calculation.

¹¹ In this document dataset variable names are presented in caps; variable names in the Stata dataset are lowercase.

The quarterly annualized survey weights (ignoring poststratification adjustments) is a function of the following quantities:

$$\frac{n \text{ adults in HH}}{\text{Mean } n \text{ adults}} \times \frac{P \text{ of HH in region}}{\text{Sample } P \text{ of HH in region}} \times \frac{\text{Total } n}{4 \text{ (quarterly } n)}$$

Post-strata adjustment. In addition, telephone and other probability surveys typically apply post-strata population adjustments to the base weight based on census information. Although this adjustment does not remove all biases, it does provide a simultaneous adjustment for the bias related to nonresponse and noncoverage of the few households without telephone service (Casady & Lepkowski, 1999). Using the 2011 Census (Ontarians aged 18 and older), the post stratification adjustment was based on **eight post-strata** representing the cross classification of four age groups (18–24; 25–44; 45–64; 65+) by gender (men; women). These adjustments are applied in calculating the final annualized sample scaled and population scaled (expansion) weights (**FWGHT** or **XWGHT**).

Weight variables in the *CAMH Monitor* dataset

Name	Label
<i>Final analysis weights</i>	
XWGHT	Final annualized population-scaled, expansion weight (including adjustments)
FWGHT	Final annualized sample-scaled, relative weight (incl. adjustments)
<i>Intermediate weights (not used for analysis)</i>	
HHWGTC1-4	Household weight, quarter 1- 4 (every 3 months)
RWGTC1-4	Region weight, quarter 1- 4 (every 3 months)
RHHWGTC1-4	Region & household weight, quarter 1- 4 (every 3 months)
HHWGTALL	Household weight, cumulative
RWGTALL	Region weight, cumulative
RHHWGTALL	Region-household weight, cumulative

Note: Post-adjustment corrections are computed only for aggregated annualized expansion and relative weights.

4.2 Guidelines for Design-Based Analysis and Release

Sample designs employing complex sampling procedures, such as stratification, clustering, weighting and multistage selection, typically underestimate the variance (or error) of estimates when simple random sampling (SRS) estimation, the basis of most standard statistical software routines, are used. The consequence of ignoring the survey data by using SRS estimates on complex survey data is that we are likely to *understate the error* and thus falsely estimate a narrower confidence interval, and falsely infer a statistically significant finding. We will, therefore be more likely to find a greater number of statistically significant differences than truly exist.

The *design effect or Deff* represents the net effect of the combined influence of stratification (causing a gain in precision),¹² and weighting (causing a loss of precision). The *Deff* is essentially the ratio of the variance of an estimate derived from the particular sampling design over the variance of an equivalent SRS sample (i.e., $SE^2_{\text{complex}}/SE^2_{\text{SRS}}$). A *Deff* of 1.0 indicates that the variance of a given complex sample design is equivalent to the variance of an equivalent SRS. Most complex designs, however, tend to have *Deffs* larger than one, in many cases, much larger than 1. It is generally the case, however, that RDD telephone surveys typically have smaller *Deffs* relative to multistage, clustered area samples.

The *Deff* can also be seen as reducing the size of the *effective sample*; thus, if the sample size is 2000, a *Deff* of 1.3 would reduce our sample by 30% to an equivalent SRS, or effective size, of 1538 (i.e., $2000/1.3$). Prior to the wide availability of dedicated design-based software, many analysts would down weight their sample by a single average *Deff* to adjust for the sample design effect on the sample precision. Unfortunately, this was a crude solution given that each estimate in a dataset has a potentially unique *Deff*, not surprising, given that ICCs can vary widely across variables and subgroups. Today, such methods are outmoded with existing design-based software applications. (See Kish, 1965; Korn & Graubard, 1999; Lee, Forthofer, & Lorimor, 1989 for a discussion concerning *Deffs*).

For research questions involving inference to the population of Ontario adults (e.g., descriptive epidemiological estimates of drinking, drug use or mental health status), the investigator *must employ analysis weights and other design specifications*. If the research question is analytical and does not require population inference, the requirement of weighting may be relaxed (see Groves, 1989:279–294, for a discussion on this matter).¹³

If an analyst is making inferences to the population from a probability sample the following MUST be applied when using *CAMH Monitor* data.

1. *Standard nonsurvey statistical software packages (e.g., Base SPSS, SAS) do not calculate standard errors correctly for complex survey designs. Programs with dedicated complex sampling applications that accommodate features of the sample design such as Stata, SUDAAN, SPSS (Complex Sampling), SAS (Proc Survey) or EpiInfo must be implemented to ensure accurate estimation and inference.*

2. *Data users requiring analysis of subpopulations (e.g., distress among women; alcohol problems among drinking men) should consult a complex sampling analysis text (Heeringa et al., 2010: 114,127,137,163–164,138–139; Korn & Graubard, 1999: 140–141, 207–211) or a survey analyst. A necessary pre-assessment to analysis is to determine how the subpopulation is distributed across strata (see Heeringa et al., 2010:111–115).*

¹² Regarding weighted analysis specifically, greater variation in the weights produces an inflation in variances and a resulting loss of precision (ie, higher design effects). An approximation of this weighting loss is expressed as follows: $L_{\text{weighting}} \sim cv^2(w)$. (Heeringa et al, 2010:44–46).

¹³ Korn and Graubard (1999:176) comment that data users have a choice to make regarding weighted analysis: a choice between an unbiased weighted estimate with a larger variance versus a biased unweighted estimate with smaller variance.

3. For those using the *CAMH Monitor merged dataset (1996 – 2016)*, if using Stata, the following `svyset` identifies the design variables necessary for multiyear/merged population estimation (Stata command)

.svyset idseq [pweight=fwght (OR xwght)], strata (stratam)

Note: Data users employing expansion weights for estimating population counts on combined data may need to rescale these weights appropriately (see Korn & Graubard, 1999:281–284).

4. Low point estimates (i.e., small percentages) based on few respondents can produce, not only wide confidence intervals, but also unstable and untrustworthy estimates.

It is recommended that the relative standard error (RSE) or the coefficient of variation (CV) be used to flag untrustworthy estimates (see **Table 7**). Although researchers are responsible for material submitted to scientific journals, *CAMH Monitor* estimates intended for any public release by CAMH must exceed the CV criteria for data suppression. The CV is available in most complex survey software.

5. Because complex survey data violate assumption of the general linear model, including maximum likelihood estimation, all *CAMH Monitor* population and surveillance analyses **employ pseudo-maximum likelihood estimation (PMLE)** (equivalently known as weighted maximum likelihood estimation) for the estimation of parameters (percentage point estimates) and **Taylor Series Linearization (TSL)** for the estimation of variances (such as confidence intervals). TSL, also known as the delta method or the Huber White robust sandwich variance estimator, is the most widely used method of estimating variances from complex survey data.

6. Item Missing Data. Missing values are indicated by either user-defined values or system missing values. Data users must assess the most appropriate strategy given their pattern of item missingness. Because differing item missing patterns and applications may influence the resolution required, the *CAMH Monitor* dataset does not contain imputed values.

4.3 Reliability and Suppression of Estimates

Survey data are often assessed for the need for estimate suppression due to either untrustworthy statistical quality or disclosure risk – the risk of identifying respondents or other units of sampling. There are two aspects to the statistical quality of survey estimates: **precision** - typically measured by the 95% confidence interval (CI); and **stability** – typically measured by the ratio of the standard error to its estimate. Confidence intervals depict the probable error of a given survey estimate. Although specifying a single sample-wide confidence interval is not reasonable given varying magnitudes of percentage estimates and deffs for a fixed sample size, if we were to assume a fixed sample of **3000**, a percentage estimate of **50%** and a deff of **1.6** (resulting in an effective sample size of 1875), the widest resulting 95% confidence interval would be $\pm 2.3\%$. Confidence intervals, however, do not reflect total errors or accuracy, but reflect sampling errors because we are surveying only a sample of the total population. Errors as measured by confidence intervals do not include nonsampling errors such as question nonresponse, problems of respondent memory and recall, interviewer effects, sensitivity of questions, underreporting of drug use and mental health impairments, and the like. Thus, the reader should recognize that the precision of an estimate, as represented by the confidence interval, is not synonymous with total accuracy of an estimate.

Most agencies employ disclosure protection plans to ensure that released data are free from risk of unit or respondent identification. The **coefficient of variation (CV)** ($CV(b) = 100 \times SE(b)$) is typically employed to identify untrustworthy estimates, and estimates that may have a disclosure risk.

The **suppression rules** used in CAMH Monitor reports are based on CV values employed by Statistics Canada as follows:

CV range	Estimate reportability
≤ 16.5	Estimate trustworthy and reportable
16.6–33.2	Estimate reportable, but has moderate sampling variability and should be interpreted with caution
≥ 33.3	Estimate untrustworthy and should be suppressed (not reportable)

As evident in **Table 7**, based on the total sample of 3,042, *estimates as low as 1.5% (CV = 14.7) are fully reportable without warnings or suppression*. Total sample estimates as low as 0.5% (CV = 25.6) are reportable but with a warning of moderate variability. Total sample estimates of 0.4% or lower meet the threshold for suppression of estimates. Of course, estimates within subgroups greatly alter the suppression thresholds due to the reduction of the effective sample size. For example, among 18 to 29 year olds estimates of 3.5% or lower require suppression and estimates between 4% and 10% require a warning of moderate variability (see Heeringa et al., 2010; Korn & Graubard, 1999 for guidance on the analysis of complex samples).

Table 7. Approximate Coefficient of Variation (CV) Values by Percentage Estimate and CM2016 Sample Size

CM 2016 CV TABLE		0.5	1	1.5	2	2.5	3	3.5	4	5	6	7	8	9	10
Total	3042	25.6	18.0	14.7	12.7	11.3	10.3	9.5	8.9	7.9	7.2	6.6	6.1	5.8	5.4
Men	1182	41.0	29.0	23.6	20.4	18.2	16.5	15.3	14.3	12.7	11.5	10.6	9.9	9.3	8.7
Women	1860	32.7	23.1	18.8	16.2	14.5	13.2	12.2	11.4	10.1	9.2	8.5	7.9	7.4	7.0
18-29	217	99.4	67.7	55.1	47.6	42.5	38.7	35.7	33.3	29.7	26.9	24.8	23.1	21.6	20.4
30-39	241	91.1	64.2	52.3	45.2	40.3	36.7	33.3	31.6	28.1	25.5	23.5	21.9	20.5	19.4
40-49	454	66.3	46.7	38.1	32.9	29.3	26.7	24.7	23.0	20.5	18.6	17.1	15.9	14.9	14.1
50-64	1032	43.9	31.0	25.2	21.8	19.4	17.7	16.4	15.3	13.6	12.3	11.4	10.6	9.9	9.3
65+	1086	42.8	30.2	24.6	21.3	19.0	17.3	15.9	14.9	13.2	12.0	11.1	10.3	9.7	9.1
TO	515	62.2	43.9	35.7	30.9	27.5	25.1	23.2	21.6	19.2	17.5	16.1	15.0	14.0	13.2
C West	505	62.8	44.3	36.1	31.2	27.8	25.3	23.4	21.8	19.4	17.6	16.2	15.1	14.2	13.4
C East	501	63.1	44.5	36.2	31.3	27.9	25.4	23.5	21.9	19.5	17.7	16.3	15.2	14.2	13.4
West	507	62.7	44.2	36.0	31.1	27.8	25.3	23.3	21.8	19.4	17.6	16.2	15.1	14.1	13.3
East	505	62.8	44.3	36.1	31.2	27.8	25.3	23.4	21.8	19.4	17.6	16.2	15.1	14.2	13.4
North	509	62.6	44.1	36.0	31.1	27.7	25.2	23.3	21.7	19.3	17.6	16.2	15.0	14.1	13.3
Married	1908	32.3	22.8	18.6	16.0	14.3	13.0	12.0	11.2	10.0	9.1	8.3	7.8	7.3	6.9
Prev. married	718	52.7	37.2	30.3	26.1	23.3	21.2	19.6	18.3	16.3	14.8	13.6	12.7	11.9	11.2
Never married	393	71.2	50.3	40.9	35.4	31.5	28.7	26.5	24.7	22.0	20.0	18.4	17.1	16.1	15.2
<High School	277	84.9	59.9	48.8	42.1	37.6	34.2	31.6	29.5	26.2	23.8	21.9	20.4	19.1	18.1
Completed HS	648	55.5	39.1	31.9	27.5	24.6	22.4	20.6	19.3	17.1	15.6	14.3	13.3	12.5	11.8
Some post-sec	1012	44.4	31.3	25.5	22.0	19.6	17.9	16.5	15.4	13.7	12.4	11.5	10.7	10.0	9.4
Univ. Degree	1085	42.8	30.2	24.6	21.3	19.0	17.3	15.9	14.9	13.2	12.0	11.1	10.3	9.7	9.1
< \$40,000	495	63.5	44.8	36.5	31.5	28.1	25.6	23.6	22.0	19.6	17.8	16.4	15.3	14.3	13.5
\$40,000-\$69,000	560	59.7	42.1	34.3	29.6	26.4	24.1	22.2	20.7	18.4	16.7	15.4	14.3	13.4	12.7
\$70,000-\$99,000	391	71.4	50.4	41.0	35.4	31.6	28.8	26.6	24.8	22.1	20.0	18.5	17.2	16.1	15.2
\$100,000+	945	45.9	32.4	26.4	22.8	20.3	18.5	17.1	15.9	14.2	12.9	11.9	11.0	10.3	9.8
Not stated	651	55.3	39.0	31.8	27.5	24.5	22.3	20.6	19.2	17.1	15.5	14.3	13.3	12.5	11.8

Note: Green (dark shaded) entries represent untrustworthy estimates (suppression recommended); Yellow (light shaded) entries represent estimates with moderate sampling variability (estimate warning recommended); Unshaded entries represent estimates with acceptable reliability (data reportable); CV values ignore design effect.

4.4 CAMH Monitor 2016 - Microdata

Note: Because the CM2016 microdata requires occasional updating (e.g., adding newly derived variables), details of the dataset presented here are accurate to the time of printing (variables documented here may not be available in all public use files). The dataset documented here is the **complete microdata**. A public use file of these data, but excluding some investigator proprietary or some grant-based variables, and modified to reduce disclosure risk, is also available.

The following details describe some key features of the CM2016 dataset.

OUTPUT: Description of the CM2016 Dataset

.notes (*Stata command*)

_dta:

1. This file contains data from the 2016 cycle of the CAMH Monitor. The CATI administered telephone survey interviewed 3,042 Ontario adults aged 18+ between Jan 04, 2016 and Dec 06, 2016. The survey is a regionally-stratified two-stage design. The survey was administered by the Institute for Social Research, York University; For proper estimation the following design variables are necessary strata= region; pweight= fwght (or xwght); and psu= idnum.
2. Three CATI interviews were employed: Panel A (Jan - December) represents interviews with 1,008 respondents; Panel B (Jan - December) represents interviews with 1,020 respondents; and Panel C (Jan - March) represents interviews with 1,014 respondents;
3. The following documents provide further information regarding these data: lalomiteanu, A.R., Adlaf, E.M. & Mann R.E. (2017). CAMH Monitor 2016: Metadata User's eGuide (electronic document) Toronto: Centre for Addiction and Mental Health; (http://www.camh.ca/en/research/news_and_publications/Pages/camh_monitor.aspx);
4. Any publication of these data requires an acknowledgement of: (1) the Centre for Addiction and Mental Health, (2) the CAMH Monitor principal investigators, and (3) the Institute for Social Research, York University.

List of variables (file order) included in the CM2016 microdata

. codebook, compact (Stata command)

Variable	Obs	Unique	Mean	Min	Max	Label
fwght	3042	228	1.000051	.1478181	8.698315	final relative weight: rhhwtall x...
xwght	3042	228	3339.237	493.5746	29044.27	final expansion (population) weig...
idnum	3042	3042	6554.416	3	14693	respondent identification number
region	3042	6	3.496055	1	6	location of household
replicat	3042	4	2.002301	1	4	sample replicate code
county	3042	48	28.16897	1	60	county -- derived from sample
areacode	3042	10	638.3988	226	905	telephone area code
attempts	3042	33	5.34188	1	48	total number of call attempts
refusals	3042	3	.1183432	0	2	number of refusals before completion
contacts	3042	7	1.303748	1	7	total times respondent contacted
answers	3042	14	2.143984	1	16	number of times telephone answered
intime	2959	53	23.37141	10	114	length of interview <minutes>
intdate	3042	299	4800869	1042016	1.21e+07	date of interview <mmddyyyy>
intmonth	3042	12	4.650888	1	12	month of interview <mm>
intday	3042	31	14.79652	1	31	day of interview <dd>
intyear	3042	1	2016	2016	2016	year of interview <yyyy>
intnum	3042	48	114383.4	50	999999	interviewer's number <# of comple...
nadultsb	2368	8	1.893159	1	99	number of people over 30 years in...
rgender	3042	2	3.445759	1	5	respondent's gender
panel	3042	3	2.001972	1	3	panel a, b or c
gh1	3042	7	2.392834	1	9	in general, your overall health i...
hsla	3042	7	2.16568	1	9	in general, your overall mental h...
doc1	1020	23	5.345098	0	98	past 12 months, how many times ha...
gh2r	1020	23	6.87451	0	99	how many days physical health not...
gh3r	1020	21	6.47549	0	99	how many days mental health not g...
ck_gh4	1020	2	.55	0	1	
gh4	561	19	5.679144	0	99	past 30 days, many days did poor ...
tc1	3042	4	4.48455	1	9	presently, do you smoke cigarette...
tc2	2703	4	3.351461	1	9	[less than daily smoker] have you...
tc3	1125	3	1.6	1	8	[smoked 100+] have you ever smoke...
tc4	1296	41	18.75154	5	99	[daily smokers] how old were you ...
tc5	1125	7	4.382222	0	8	[smoked 100+] how long ago was it...
tc6	339	27	16.61357	1	98	[daily smokers] how many cigarett...
tc7	339	5	3.79941	1	8	[daily smokers] how soon after yo...
tos1	52	11	4.192308	0	15	[occasional smokers] on those day...
tos2	52	15	18.44231	0	98	[occasional smokers] on how many ...
tc8	286	12	3.587413	0	98	[daily & occasional] past 12 mont...
tc9	286	3	2.933566	1	8	[daily & occasional] are you inte...
tc10	162	3	3.660494	1	8	[daily & occasional] are you inte...
tc16wp	1961	4	5.104029	1	9	past 12 months, have you ever smo...
tc16w	40	10	7.725	0	98	past 30 days, on how many days if...
tecig2rc	2028	5	4.653353	1	9	have you ever taken at least one ...
tecig2a	203	3	2.334975	1	8	was this in the past 12 months?

tecig2b	136	2	3.588235	1	5	was this in the past 30 days?
tecig3	48	11	13.91667	0	98	on how many of the past 30 days, ...
tecignic	136	3	3.132353	1	8	the last time you used an e-cigar...
tecigcan	136	3	4.492647	1	8	past 12 months have you ever used...
smokeflag	3042	2	.1446417	0	1	smoking status of respondent
tecig4	985	5	3.84264	1	8	will you use an electronic or e-c...
tecig5	25	3	1.24	1	3	would you say you are not addicte...
tecig6	104	7	3.692308	1	8	what is the single most important...
tecig7	79	7	5.151899	1	8	single most important reason not ...
tecig8	25	7	3.36	0	9	where did you buy e-cigarettes?
tcotp	1008	3	4.904762	1	9	past 30 days, used any tobacco pr...
tq1	1008	4	4.275794	1	9	past 30 days have you heard of a ...
tq2	1008	4	4.467262	1	9	what about a "quit smoking " cont...
tp97	1008	6	1.389881	1	9	which of the following best descr...
tp98	235	8	.8468085	0	9	noticed tobacco smoke entering home?
tp26b	1008	7	1.222222	0	9	work location
tp26c	486	5	2.979424	1	9	which of the following best descr...
tp26d	486	6	2.923868	1	9	which of the following best descr...
tp31a	486	9	2.50823	0	99	number of days exposed indoors to...
tp31b	475	8	1	0	98	number of days exposed outdoors t...
tp109	1008	7	3.116071	1	9	over the past 7 days, about how o...
tp110	1008	7	1.931548	1	9	over the past 7 days, about how o...
tp53b	1008	5	2.35119	1	8	smoking should be banned indoors ...
tp80	1008	5	1.738095	1	8	smoking should be banned near ent...
tp64a	1008	5	2.849206	1	8	smoking should be banned on outdo...
tp68	1008	5	3.193452	1	8	smoking should be banned in publi...
tp81	1008	6	2.343254	1	9	smoking should be banned near out...
tp82	1008	5	1.456349	1	8	what about near outdoor children'...
tp15	1008	6	2.742063	1	9	there should be a law that says p...
tp35	1008	5	1.857143	1	9	what comes closest to your view o...
tp35ec	1008	7	3.628968	1	9	what comes closest to your view o...
tp102	1008	6	2.400794	0	9	what comes closest to your view a...
tp1b	1008	5	3.100198	1	9	do you think that taxes on cigare...
tp39a	1008	6	3.350198	1	9	the number of retail outlets that...
tp5a	1008	6	2.43254	1	9	to discourage youth and children ...
tp54c	1008	6	3.502976	1	9	movies showing characters smoking...
tp108	1008	5	3.737103	1	8	in ontario, it is an offence to s...
tp42	1008	6	3.502976	1	9	the ontario government should sue...
tp103	1008	6	2.447421	1	9	the use of electronic or e-cigare...
tp104	1008	7	3.223214	0	9	some tobacco products can have fl...
tp104ec	1008	7	3.553571	0	9	some e-cigarettes can have flavou...
tp65	1008	5	3.855159	1	9	do you think the sale of cigarett...
tp105	1008	6	2.19246	1	9	the sale of e-cigarettes to youth...
tp106	1008	6	4.248016	1	9	should be a law in on to ban the...
tp74ec	1008	7	1.748016	1	9	past 30 days, how often did you s...
tp79	131	8	2.343511	0	8	the last time you bought cigarett...
tp92	1008	7	4.677579	0	9	what do you think about adults sm...
tp93	1008	7	6.251984	0	9	what do you think about teenagers...
tp92a	1008	7	4.649802	0	9	what do you think about adults sm...
tp93a	1008	7	6.097222	0	9	what do you think about teenagers...
tobrisk1	1008	5	3.920635	1	8	how much do people risk harming t...

tobrisk2	1008	5	3.395833	1	8	how much risk harming themselves ...
tobrisk3	1008	6	3.486111	1	8	how much risk when they smoke cig...
tobrisk4	1008	7	4.78869	1	9	how much risk when they smoke a w...
tobrisk5	1008	7	3.80754	1	9	how much risk harming themselves ...
tobrisk6	1008	5	3.685516	1	8	how much risk harming themselves ...
tobrisk7	1008	6	3.40377	1	9	how much risk harming themselves ...
tobrisk9	1008	6	4.424603	1	9	how much risk harming themselves ...
ac1	3042	3	1.889218	1	8	during the past 12 months have yo...
ac2	674	2	2.038576	1	5	[non-drinkers] did you ever have ...
ac5	2368	9	6.011402	1	98	[drinkers] how often, if ever, di...
ac5a	2368	9	5.572213	1	98	[drinkers] how often, if ever, di...
ac6a	2368	16	3.533784	1	99	[drinkers] past 12 months: on tho...
five	2368	11	8.686655	1	99	[drinkers] past 12 months: how of...
four	927	10	8.62891	1	98	[female drinkers] past 12 months:...
five30	669	20	3.251121	0	99	[five=1 thru 8] past 30 days, on ...
ac3	2719	4	3.756528	1	9	[former & current] ever a time in...
ac10	967	3	.6370217	0	9	over the past 7 days, how many dr...
wheel_date	651	251	6258606	1042016	1.21e+07	
wheel_day	651	7	.	.	.	
last_day	511	7	.	.	.	
yesterday	651	7	.	.	.	
sunday	597	12	1.882747	0	98	how many drinks did you have on s...
saturday	597	16	3.137353	0	98	saturday?
friday	597	13	3.393635	0	98	friday?
thursday	597	12	2.311558	0	98	thursday?
wednesday	598	12	2.409699	0	99	wednesday?
tuesday	598	9	3.162207	0	98	tuesday?
monday	597	12	2.698492	0	98	monday?
aud4	2368	7	.1313345	0	9	last year: how often have you fou...
aud5	2368	7	.0983953	0	9	last year: how often have you fai...
aud6	2368	6	.0282939	0	8	last year: how often needed a fir...
aud7	2368	7	.1672297	0	9	last year: how often have you had...
aud8	2368	7	.1245777	0	9	last year: how often been unable ...
aud9	2368	4	4.773649	1	8	have you or someone else ever bee...
aud0	2368	4	4.777027	1	8	has a relative, friend, doctor, h...
chek	671	1	.	.	.	
ags1	797	15	2.619824	0	98	in the past 30 days, how many tim...
ags2a	499	6	2.683367	1	9	thinking of this last time you bo...
ags3a	218	5	1.669725	1	5	thinking of this last time you bo...
ags3b	295	4	1.216949	1	5	thinking of this last time you bo...
ags4	438	64	67.21461	1	998	and about how much did you spend ...
ags5a	1020	6	4.201961	1	9	easier for a person to buy beer o...
ags6a	1020	6	3.94902	1	9	easier for an underage person to ...
ags7a	1020	6	3.626471	1	9	selling beer or wine in grocery s...
ags8a	1020	7	3.59902	1	9	being able to buy beer or wine in...
crisk1	2028	6	3.234714	1	9	how much do people risk harming t...
crisk2	2028	6	3.571499	1	9	how much do people risk harming t...
drive	1020	3	1.472549	1	8	past 12 months: have you driven a...
drl_mi	146	24	6217.288	1	9999	[miles] on average, about how man...
drl_km	755	58	221.7576	0	5000	[kilometres] on average, about ho...
drlb	80	4	3.025	1	9	[drl="dk"] easier for you to thin...

dr1c	54	5	2.574074	1	8	[kilometers] can you give your be...
dr1d	7	3	1.857143	1	3	[miles] can you give your best gu...
dr5	901	5	.0765816	0	9	past 12 months, how often involve...
ddl	717	2	4.782427	1	5	past 12 months, have you driven a...
drtext1	901	3	4.208657	1	8	past 12 months, ever send or read...
drtext2	179	20	7.502793	0	99	how many times past 30 days?
cn1	3042	4	3.335634	1	9	have you ever in your life used c...
cn2	1281	11	8.295082	1	99	[cannabis users] how many times, ...
reg1	341	3	3.653959	1	98	[cannabis users] past 12 months: ...
medcan	138	3	4.144928	1	8	past 12 months: did you have medi...
cnvap	216	3	4.638889	1	98	past 12 months: ever used any for...
tp107	216	3	4.300926	1	98	past 12 months: ever used cannabi...
cdr1	98	2	4.265306	1	5	past 12 months: have you driven a...
cn3m	112	9	3.348214	0	8	how often have you used cannabis,...
cn30	92	5	2.815217	0	5	how often have you used cannabis,...
cnas1	92	5	1.141304	0	4	past 3 months: how often have you...
cnas2	92	4	.1413043	0	3	past 3 months: how often has your...
cnas3	92	2	.0217391	0	1	past 3 months: how often failed t...
cnas4	92	3	4.391304	1	5	has a friend, relative or anyone ...
cnas5	92	3	4.586957	1	5	have you ever tried and failed to...
cnp1	1020	7	3.413725	1	9	what would be the best way to con...
cnp2	879	4	3.161547	1	9	adults should be allowed to grow ...
cnp3	879	4	2.431172	1	9	do you think privately-run busine...
cnp4	879	4	2.407281	1	9	do you think government agencies ...
cnp4a	627	4	3.848485	1	9	do you think the government shoul...
cnp5	879	4	2.308305	1	9	sale of cannabis should be regula...
cnp6	879	4	3.005688	1	9	sale of cannabis should be done b...
cnp7	908	6	3.767621	1	9	if recreational cannabis use was ...
cnp8	51	7	3.529412	1	8	if recreational cannabis use was ...
cnp9	504	9	2.853175	1	9	if cannabis was legalized tomorro...
ck1	2034	4	4.660275	1	9	have you ever in your lifetime us...
ck2r	179	2	4.50838	1	5	was this in the past 12 months?
xt1	1020	4	4.856863	1	9	have you ever used the drug mdma,...
xt2r	40	2	4.7	1	5	was this in the past 12 months?
tbi1	2034	10	.7010816	0	98	how many times, if ever in your l...
tbi2	295	2	4.769492	1	5	did you have this type of head in...
tbi3a	291	74	29.27148	2	86	how old were you when your head i...
tbi3b	290	8	3.955172	0	7	and what was the cause of your he...
k1	2034	6	4.276794	1	8	during the past 30 days, how ofte...
k2	2034	7	4.740413	1	9	during the past 30 days, how ofte...
k3	2034	7	4.232055	1	9	during the past 30 days, how ofte...
k4	2034	7	4.791052	1	9	how often did you feel so depress...
k5	2034	7	4.424287	1	9	during the past 30 days, how ofte...
k6	2034	7	4.822026	1	9	during the past 30 days, how ofte...
suic1	2031	2	4.909404	1	5	in the past 12 months, did you ev...
suic2	46	2	4.826087	1	5	in the past 12 months, did you ac...
dstres1	2034	8	4.377581	1	9	how often do you worry about the ...
dstres2	1700	8	4.048824	1	9	in the past 12 months, how much s...
dstres3	1654	7	4.37243	1	8	how concerned are you that you wi...
ps11	2034	4	4.562439	1	9	past 12 months, have you taken an...
ps16	2034	4	4.677483	1	9	past 12 months, have you taken an...

po1	2034	9	8.332842	1	99	number of times used doctor-presc...
po2	2034	9	9.184857	1	99	number of times used pain relieve...
pr7	68	2	4.588235	1	5	did you ever use pain relievers t...
dpo1	202	2	4.148515	1	5	past 12 months: driven a motor ve...
end_pr	3042	1	1	1	1	
adh1	1014	7	1.892505	1	9	in the past 6 months, have you ha...
adh2	1014	7	1.880671	1	9	in the past 6 months, have you ha...
adh3	1014	6	1.851085	1	8	in the past 6 months, have you ha...
adh4	1014	7	2.142998	1	9	in the past 6 months, have you de...
adh5	1014	6	2.097633	1	8	in the past 6 months, how often h...
adh6	1014	7	1.941815	1	9	in the past 6 months, have you fe...
ace1	2034	6	4.459685	1	9	as a child, experienced serious e...
ace1a	325	3	3.104615	1	8	did the abuse you mentioned as a ...
ace2	2034	6	4.640118	1	9	as an adult, experienced serious ...
ace2a	231	3	3.519481	1	8	did the abuse you mentioned as an...
g1	1014	8	5.468442	1	8	past 12 months, how often, on ave...
g2	1014	8	6.893491	1	8	past 12 months, how often, on ave...
g3	1014	6	6.898422	2	7	past 12 months, how often, did yo...
g4	1014	7	6.948718	2	8	past 12 months, how often, on ave...
g53b	1014	5	6.952663	4	8	past 12 months, how often bet mon...
g53a	1014	7	6.736686	2	8	past 12 months, how often bet mon...
g54a	1014	6	6.930966	3	8	past 12 months, how often bet mon...
g7	1014	7	6.892505	1	7	past 12 months, how often bet mon...
g8	1014	6	6.864892	2	7	past 12 months, how often bet on ...
g9	1014	6	6.949704	2	7	past 12 months how often did you ...
g9a	25	7	21	1	98	[first mention] what kind of gamb...
g9b	21	6	79.61905	2	98	[second mention] what kind of gam...
g9c	4	3	74.5	6	98	[third mention] what kind of gamb...
g9d	25	2	4.52	1	5	past 12 months, have you bet any ...
money_spent	1014	11	1.294872	0	10	
g10	692	50	5812.685	0	999998	past 30 days: including all games...
g11	1014	5	2.506903	0	8	lifetime: how much money have you...
g12	692	56	36	5	99	how old were you when you first s...
problems	1014	2	.4802761	0	1	gambling problems
cpgi1	487	4	1.036961	1	8	past 12 months: how often bet mor...
cpgi2	487	5	1.059548	1	9	past 12m: how often needed to gam...
cpgi3	487	5	1.067762	1	8	past 12m: how often did you go ba...
cpgi4	487	3	1.00616	1	3	past 12m: how often have you borr...
cpgi5	487	4	1.028747	1	4	past 12m: how often have you felt...
cpgi6	487	3	1.020534	1	3	past 12m: how often has gambling ...
cpgi7	487	3	1.026694	1	4	past 12m: how often have people c...
cpgi8	487	3	1.00616	1	3	past 12m: how often has your gamb...
cpgi9	487	4	1.055441	1	4	past 12m: how often have you felt...
gr1	692	3	2.456647	1	8	would you say you mainly gamble t...
gr2	692	4	4.757225	1	9	would you say you mainly gamble t...
gr3	692	4	4.296243	1	9	would you say you mainly gamble t...
gr4	692	4	3.278902	1	9	would you say you mainly gamble t...
gr5	692	4	4.856936	1	9	would you say you mainly gamble b...
gr6	692	4	4.984104	1	9	would you say you mainly gamble b...
gr7	692	4	2.388728	1	9	would you say you mainly gamble f...
gs11	692	7	1.734104	1	9	when you gamble, how often do you...

chek_casino	692	2	.9812139	0	1	
sys1	679	4	4.832106	1	9	when you play lotteries/bingo/slo...
chek_cards	692	2	.1907514	0	1	
sys2	132	2	4.636364	1	5	when you bet on card games/sport ...
lk1	692	4	4.628613	1	9	when it comes to gambling, are yo...
sk1	692	4	3.732659	1	9	do you prefer to play games where...
bm5	692	4	4.813584	1	9	do you find that you usually know...
eduse1	1014	9	6.207101	1	9	past 12m: how often used electron...
eduse1b	519	6	2.019268	1	98	past 12m: on those days playing, ...
eduse2	1014	10	2.877712	1	98	past 12m: how often used electron...
eduse2b	870	7	2.457471	1	99	past 12m: on those days, how many...
eduser	1014	2	.8796844	0	1	user count
puse1	892	3	4.091928	1	8	past 12 months: have you ever tri...
puse2	892	3	4.526906	1	8	family member ever expressed conc...
puse3	892	3	4.949552	1	8	missed work, school, important so...
puse4	892	3	4.82287	1	8	think you have a problem with exc...
puse5	892	3	4.647982	1	8	ever experienced an irresistible ...
puse6	892	3	4.76009	1	8	ever experienced a growing tensio...
dob_day	3042	33	1535.083	1	9999	day of birth
dob_mth	3042	14	1326.864	1	9999	month of birth
birth	3042	82	2379.02	1918	9999	year of birth
agecat	159	10	13.96226	1	99	age group (for refusers)
sd2	3042	16	8.84714	1	99	what is the highest level of educ...
sd3	3042	26	29.77318	0	99	what is your religion?
sd5	3042	8	2.398422	1	9	at present are you married, livin...
sex_id	3042	6	1.314596	0	9	do you consider yourself to be he...
sd5a	3042	17	3.071006	1	99	including yourself, how many peop...
sd5b	2360	11	1.189831	0	99	including yourself, how many peop...
sdcl	2350	4	3.670213	1	9	do you have any children in your ...
sd6r	3042	12	3.737673	0	99	are you presently working for pay...
sd6b	87	2	1.413793	1	5	did you ever work for pay in a fu...
living	3042	6	1.271861	1	9	which of the following best descr...
sd7b	1020	4	1.382353	1	9	do you currently have a valid dri...
sd7c	925	6	3.045405	1	9	what type of driver's licence do ...
sd8	3042	30	6.422419	0	99	what language do you usually spea...
sd8a	3042	41	4.226496	0	99	in what country were you born?
sd8b	642	78	2227.709	1922	9999	in what year did you first come t...
ethnic1	3042	41	7.167653	0	99	in what country was your mother b...
ethnic2	3042	41	7.670611	0	99	in what country was your father b...
race1	3042	9	1.281065	0	9	how would you best describe your ...
race2a	2651	8	3.649566	0	9	[if white] how would you best des...
race2b	151	5	2.05298	1	9	[if asian] how would you best des...
race2c	63	5	1.809524	0	8	[if black] how would you best des...
race2d	35	3	2.028571	1	4	[if aboriginal] how would you bes...
race2e	30	3	2.133333	1	3	[if middle eastern] how would you...
race2f	29	4	1.827586	0	3	[if latin american] how would you...
sd10	3042	153	531581.3	2000	999999	how much income your household re...
sd10b	1456	12	47.5103	1	99	we don't need the exact amount; c...
postcode	3042	2897	.	.	.	postal code
pcode_source	3042	2	1.059172	1	2	postal code source
isr1new	3042	4	4.978304	1	9	is telephone number a cell phone ...

rel	3042	5	3.907627	1	9	do you think this interview was m...
re2	3042	5	1.268245	1	9	overall, would you say that this ...
isr7	3042	10	2.918475	1	99	could you tell me how many people...
cycle	3042	4	1.982249	1	4	cycle
lhin	3042	15	.	.	.	local health integration network ...
phu	3042	37	.	.	.	public health unit (phu)
phu_toronto	470	129	73.61064	1	140	phu toronto neighbourhood
hrsub	3042	139	.	.	.	health district - subdivision of ...
nadultsfix	3042	8	2.089415	1	11	could you tell me how many people...
hhwgtc1	1525	8	1	.4752259	5.227485	household weight --cycle 1--2016
rwgtc1	1525	6	.999999	.5168184	1.460019	region weight ---cycle 1--2016
rhhwgtc1	1525	36	1.018786	.2456055	6.302063	region & household weight --cycle...
hhwgtc2	528	6	1	.4902507	2.941504	household weight --cycle 2--2016
rwgtc2	528	6	.999999	.345535	1.492994	region weight ---cycle 2--2016
rhhwgtc2	528	30	1.033695	.1693988	4.391647	region & household weight --cycle...
hhwgtc3	507	6	1	.4738318	2.842991	household weight --cycle 3--2016
rwgtc3	507	6	.999999	.4051357	1.58065	region weight ---cycle 3--2016
rhhwgtc3	507	31	1.032521	.1919662	4.493774	region & household weight --cycle...
hhwgtc4	482	6	1	.482	2.892	household weight --cycle 4--2016
rwgtc4	482	6	.999999	.4944603	1.347257	region weight ---cycle 4--2016
rhhwgtc4	482	29	1.017194	.2383299	3.329409	region & household weight --cycle...
hhwgtall	3042	37	1	.4357204	4.813084	household weight (within region) ...
rwgtall	3042	6	.999999	.4536883	1.46484	region weight (within region) ---...
rhhwgtall	3042	37	.999999	.2351602	6.113141	region & household weight (within...
phone_type	3042	2	1.019395	1	2	

DERIVED VARIABLES

age	2883	80	57.22095	18	98	respondent's age
agecat3	3030	3	2.489769	1	3	age recoded(3 cats)
agecatph	2883	4	3.135276	1	4	public health agegroups(4 cats)
agecat5	3030	5	3.834653	1	5	age recoded (5 cats)
agecat4	3030	4	3.476238	1	4	age recoded (4 cats)
agecat2	3030	2	1.928383	1	2	age recoded (2 cats)
sex	3042	2	.3885602	0	1	respondent's gender
regph7	3042	7	4.132807	1	7	public health planning regions
toronto	3042	2	1.830703	1	2	toronto vs. rest of ontario
north	3042	2	.1673241	0	1	north vs. rest of ontario
empcat8	3033	8	3.027366	1	8	employment status (8 cats)
marstat3	3019	3	1.498178	1	3	marital status(3 cats)
marstat4	3019	4	1.930772	1	4	marital status (4 cats)
mstat4	3019	4	1.749586	1	4	marital status (4 cats)
educat4	3022	4	2.961284	1	4	education (4cats)
rural	3042	2	.1347798	0	1	hh location
fsa3	3042	487	.	.	.	forward sortation area - first 3 ...
lang	3035	3	1.163756	1	3	language spoken at home (recoded)
aboriginal	3009	2	.0116318	0	1	ethnic aboriginal, native, inuit,...
imig	3027	2	.2117608	0	1	born outside canada
recimig	3022	2	.0436797	0	1	recent immigrant - less than 20 y...
hincome	3042	12	26.49145	1	99	household income
hincomr	3042	10	25.83728	1	99	hh income - 8 cats
hinccat5	3042	5	3.487837	1	5	household income

hincom2	3042	11	26.14793	1	99	hh income - 9 cats
hinc5	3042	5	3.229126	1	5	household income - 5 cats (update...
postwtlsa	3042	10	.946045	.6283779	2.270611	postadjstmnt wght:sex&age
agecen4	3030	4	3.09736	1	4	age group (4cats: 2011census)
sstatus3	3027	3	2.374298	1	3	smoking status (3cats)
sstatus4	3027	4	3.262306	1	4	smoking status (4 cats)
sstatus5	3027	5	3.827882	1	5	smoking status (5 cats)
tob12m	3027	2	.1423852	0	1	currently smoking (past 30 days)
sdaily	3027	2	.1119921	0	1	currently smoking daily (past 30 ...
tc6r	428	27	12.24299	0	55	how many cigarettes do you usuall...
ncigt	3024	27	1.732804	0	55	# cigs smoked each day -- total s...
ncigcat	428	7	2.509346	0	6	# cigs smoked daily (cats)--all c...
ncigtcat	3024	7	.3551587	0	6	# cigs smoked daily (cats)--total...
cigcat4	335	4	.8626866	0	3	num of cigs smoked daily (4 cats)
timcig	338	4	1.606509	0	3	time to first cig in the morning
hsi	334	7	2.467066	0	6	heaviness of smoking index -daily...
hsi3	334	3	1.616766	1	3	heaviness of smoking index (3 cat...
hsmkdep	334	2	.1227545	0	1	heavy smoking depend- binary -dai...
eciglif	1978	2	.1026289	0	1	ecigarette use (at least one puff...
ecig12m	2021	2	.0672934	0	1	ecigarette use (at least one puff...
ecig30d	2021	2	.0237506	0	1	ecigarette use (at least one puff...
alcstat3	3042	3	1.279093	1	3	current drinking status
alc12m	3039	2	.7792037	0	1	drinker past 12m y/n
aldaily	3021	2	.0950017	0	1	daily drinking - total sample
alclife	3042	2	.9424721	0	1	lifetime drinker- current+ former
formerdk	3042	2	.1640368	0	1	former drinker - never past 12 m
abstain	3042	2	.0575279	0	1	lifetime abstainer
alc30d	3034	2	.6746869	0	1	had a drink past 30 days
fivewk	3021	2	.0489904	0	1	weekly fiveplus -total sample
fivemn	3021	2	.1304204	0	1	monthly fiveplus-total sample
fourwk	923	2	.0303359	0	1	weekly fourplus -one occasion -wo...
five30bi	2003	2	.1592611	0	1	five plus past 30 days at least o...
freqalc	2347	7	106.458	6	365	frequency of drinking - days/year
qfvol	2982	61	180.7609	0	3650	alcohol volume based on q*f, esti...
qfvolwk	2982	61	3.476171	0	70.19231	average nr. of drinks /week - tot...
qfvolday	2982	61	.4965959	0	10.02747	average nr. of drinks /day- from ...
daily2	2982	2	.0405768	0	1	daily 2+ drinks - total sample - ...
daily3	2982	2	.0204561	0	1	daily 3+ drinks - total sample - ...
qfvolmn	2982	61	15.06341	0	304.1667	average nr. of drinks /month - fr...
wkly15	2982	2	.0405768	0	1	weekly 15+ drinks - total sample ...
alcfreq	3021	8	3.269116	0	7	frequency of drinking (past12m) -...
freqdrk	3021	5	1.914929	0	4	frequency of drinking (past 12m) ...
drkfreq	3021	8	2.946044	0	7	frequency of drinking (past 12m) ...
aud1t	3021	5	1.808011	0	4	how often drink alcohol (past 12m...
aud2t	3005	5	.5554077	0	4	how many drinks, days when drank ...
aud3t	3024	5	.4990079	0	4	how often 5 + drks (past 12m) - t...
aud4t	3025	5	.0575207	0	4	how often you were not able to st...
aud5t	3028	5	.0392999	0	4	how often have you failed to do w...
aud6t	3038	5	.0115207	0	4	how often have you needed a first...
aud7t	3030	5	.0986799	0	4	how often have you had a feeling ...
aud8t	3034	5	.0758075	0	4	how often have you been unable to...

aud9t	3035	3	.1172982	0	4	have you or someone else ever be...
aud10t	3036	3	.1442688	0	4	someone suggest cut-down drinking...
audit	2928	30	3.298156	0	34	audit sum score (0-40)- total sample
audit8	2928	2	.0928962	0	1	audit 8+ total sample
auditc	2969	13	2.843718	0	12	auditc (consumption) sum score (0...
auditp	2990	19	.49699	0	22	auditp (problems) sum score (0-28...
auditpr	2990	4	.3217391	0	3	auditp (problems) - 4 cats
auditd	3012	11	.0996016	0	12	auditd (dependence) sum score (0-...
auditdr	3012	2	.0471448	0	1	auditd (dependence) (binary 0-1)
auditac	3017	16	.4269142	0	16	auditac (adverse consequences) su...
auditacr	3017	4	.3019556	0	3	auditac (adverse consequences) - ...
alclev	2982	61	.4952353	0	10	daily alcohol volume in standard ...
alclev4	2982	4	.8346747	0	3	daily alcohol use past 12m (engli...
alclev3	2982	3	.8219316	0	2	daily alcohol use past 12m (engli...
alcstat6	3042	6	2.239316	0	5	past year drinking status - based...
dkstat	3021	4	1.140351	0	3	drinking pattern - based on five...
alctyp6	3042	6	2.603879	0	5	past year drinking status using 5...
ac10r	1018	2	.5874263	0	1	in the past 7 days, how many drin...
sun	1014	11	.5285996	0	14	how many drinks did you have on s...
sun3dk	1014	2	.0552268	0	1	3+ drinks on sunday (wheel)
sun4dk	1014	2	.0345168	0	1	4+ drinks on sunday (wheel)
sat	1010	15	.8841584	0	30	how many drinks did you have on s...
sat3dk	1010	2	.1059406	0	1	3+ drinks on saturday (wheel)
sat4dk	1010	2	.0663366	0	1	4+ drinks on saturday (wheel)
fri	1006	12	.6500994	0	20	how many drinks did you have on f...
fri3dk	1006	2	.0666004	0	1	3+ drinks on friday (wheel)
fri4dk	1006	2	.0447316	0	1	4+ drinks on friday (wheel)
thur	1010	11	.3960396	0	25	how many drinks did you have on t...
thur3dk	1010	2	.0415842	0	1	3+ drinks on thursday (wheel)
thur4dk	1010	2	.0257426	0	1	4+ drinks on thursday (wheel)
wed	1009	10	.3587711	0	10	how many drinks did you have on w...
wed3dk	1009	2	.0376611	0	1	3+ drinks on wed (wheel)
wed4dk	1009	2	.0198216	0	1	4+ drinks on wed (wheel)
tue	1004	8	.3217131	0	8	how many drinks did you have on t...
tue3dk	1004	2	.0338645	0	1	3+ drinks on tuesday (wheel)
tue4dk	1004	2	.0149402	0	1	4+ drinks on tuesday (wheel)
mon	1007	11	.3346574	0	10	how many drinks did you have on m...
mon3dk	1007	2	.0327706	0	1	3+ drinks on monday (wheel)
mon4dk	1007	2	.0168818	0	1	4+ drinks on monday (wheel)
alc7d	1018	41	3.526523	0	62	total # of drinks/ past 7days
alc16wk	1018	2	.0442043	0	1	16 drinks or more per week for me...
alc11wk	1018	2	.1051081	0	1	11 drinks or more per week for wo...
lrdrkn	1018	2	.064833	0	1	exceeding weekly drinking new gui...
drk3	1018	2	.1552063	0	1	exceeding 3+ daily drinking guide...
drk4	1018	2	.0972495	0	1	exceeding 4+ daily drinking guide...
lrdg2011	1018	2	.1414538	0	1	exceeding lrdg 2011 (men 16+/wk o...
alc15wk	1018	2	.0491159	0	1	15 drinks or more per week (whe...
alc10wk	1018	2	.1051081	0	1	10 drinks or more per week (whee...
lrdrk	1018	2	.06778	0	1	exceeding weekly drinking guideli...
lrdg1997	1018	2	.1640472	0	1	exceeding lrdg 1997- (men 15+/wk ...
canlife	3025	2	.4234711	0	1	used cannabis lifetime y/n

can12m	3022	2	.1128392	0	1	used cannabis past 12 m
canstat	3025	3	.5361983	0	2	used cannabis life/past 12 m
canmn	3022	3	.155857	0	2	used cannabis monthly past 12m
can3m	1019	2	.0902846	0	1	used cannabis past 3 m
can3md	1019	2	.0225711	0	1	used cannabis daily past 3 m
canmed	3021	2	.0456802	0	1	past 12 months used cannabis to t...
ascan1	1019	5	.3444553	0	6	how often used cannabis past 3 mo...
ascan2	1020	5	.1833333	0	6	how often strong desire to use ca...
ascan3	1020	4	.0333333	0	6	how often use of cannabis led to ...
ascan4	1020	2	.0098039	0	5	how often failed to do what was e...
ascan5	1020	3	.0676471	0	6	has a friend or relative ever exp...
ascan6	1020	3	.0588235	0	6	have you ever tried and failed to...
asistcan	1019	21	.6977429	0	22	cannabis asist score (0-39)- tota...
asistcn3	1019	2	.0647694	0	1	risk level for cannabis problems...
asistcn2	1019	2	.0647694	0	1	risk level for cannabis problems ...
coclife	2027	2	.0883078	0	1	used cocaine lifetime y/n
coc12m	2027	2	.0108535	0	1	used cocaine past 12 m
mpr12m	2020	2	.2237624	0	1	any medical use of po past 12 months
nmpr12m	2025	2	.0335802	0	1	any non-medical use of po past 12...
prhi12m	2016	2	.0034722	0	1	used po to get high past 12 months
pr12m	2017	2	.2404561	0	1	any use of po past 12 months
driver	1020	3	.9186275	0	9	driver (valid licence past 12m)
dkdriv	931	2	.0418904	0	1	drinking and driving - valid drivers
candriv	933	2	.0192926	0	1	cannabis use and driving - valid ...
drtext	928	2	.1928879	0	1	texting and driving - past 12m- v...
drtext3c	924	3	.1655844	0	2	texting and driving - past 30 day...
drtext30	924	2	.1558442	0	1	texting and driving - past 30 day...
drcollr	929	2	.0538213	0	1	involved in collision while drivi...
podriv	929	2	.0462863	0	1	driving 1 hr after prescription o...
kms	928	75	194.0274	0	5440	kms driven in a typical week-vali...
kms_100	928	75	1.940274	0	54.4	kms driven in a typical week/100-...
k1r	2017	5	.754586	0	4	past 30 days, how often felt nerv...
k2r	2017	5	.2875558	0	4	past 30 days, how often felt hope...
k3r	2011	5	.8115365	0	4	past 30 days, how often felt rest...
k4r	2027	5	.2205229	0	4	past 30 days, how often felt so d...
k5r	2011	5	.6171059	0	4	past 30 days, how often felt that...
k6r	2024	5	.19417	0	4	past 30 days, how often felt wort...
k6l	2033	23	2.860305	0	24	k6 likert summary score (0-24)
k6_13plus	2033	2	.025578	0	1	serious psychological distress - ...
k6_5plus	2033	2	.2006886	0	1	medium (mild to serious) psycholo...
k6_3cat	2033	3	.2262666	0	2	psychological distress - k6 (low ...
fairhlt	3033	2	.1289153	0	1	percent reporting fair or poor he...
fairmhl	3025	2	.0740496	0	1	percent reporting fair or poor me...
unhltpd	987	21	3.824721	0	30	physically unhealthy days- past ...
physdisd	987	2	.1144883	0	1	frequent physically unhealthy da...
unhltd	980	19	2.736735	0	30	mentally unhealthy days - past 3...
unhltd	957	31	5.91954	0	30	sum of physically and mentally un...
mentdisd	980	2	.0765306	0	1	frequent mental distress days - ...
suicid	2031	2	.0226489	0	1	did you ever seriously consider a...
anx12m	2026	2	.1130306	0	1	past 12 months - prescription med...
dep12m	2023	2	.0855166	0	1	past 12 months - prescription med...

brain	2024	2	.145751	0	1	lifetime head injury - y/n
asrs1	999	5	.7997998	0	4	past 6 months had trouble finishi...
asrs2	1006	5	.8310139	0	4	past 6 months had difficulty gett...
asrs3	1010	5	.8267327	0	4	past 6 months had difficulty reme...
asrs4	1000	5	1.06	0	4	past 6 months had delayed tasks t...
asrs5	992	5	.9667339	0	4	past 6 months often fidgeted when...
asrs6	998	5	.8426854	0	4	past 6 months felt overly active ...
asrs6l	1014	22	5.25641	0	21	asrs/ adhd self report scale- lik...
asrs6_14	1014	2	.0473373	0	1	asrs/adhd self report scale - pos...
asrs6_c3	1014	3	.2110454	0	2	asrs/adhd self report scale - 3 cats
lottery	1012	2	.6353755	0	1	bought lottery tickets past 12m
sportssel	1010	2	.0732673	0	1	bought sports select/ proline tic...
bingo	1014	2	.0739645	0	1	bought bingo tickets past 12m
horses	1013	2	.0325765	0	1	bet on horse racing past 12m
caslots	1010	2	.2029703	0	1	bet on slots in casino past 12m
casgame	1013	2	.0602172	0	1	bet on table games in casino past...
casino	1010	2	.2118812	0	1	bet on any games in casino past 12m
cards	1014	2	.066075	0	1	bet on card games past 12m
sports	1014	2	.0848126	0	1	bet on sports/sports pools past 12m
onlineg	1014	2	.0246548	0	1	bet money over the internet past 12m
totgamb	1004	10	1.25996	0	9	gambling activities past 12m (lot...
gambler	1004	2	.685259	0	1	gambled past 12 month (lottery in...
totg_nl	1006	9	.6222664	0	8	gambling activities past 12m - lo...
gambl_nl	1006	2	.3121272	0	1	gambled past 12 month (lottery ex...
cpgi1r	1013	3	.0108588	0	2	past 12 months, how often bet mor...
cpgi2r	1012	3	.013834	0	2	past 12 months, how often needed ...
cpgi3r	1013	4	.0256663	0	3	past 12 months, how often go back...
cpgi4r	1014	3	.0029586	0	2	past 12 months, how often borrowe...
cpgi5r	1014	4	.0138067	0	3	past 12 months, how often felt th...
cpgi6r	1014	3	.0098619	0	2	past 12 months, how often gamblin...
cpgi7r	1014	3	.0128205	0	3	past 12 months, how often people ...
cpgi8r	1014	3	.0029586	0	2	past 12 months, how often your ga...
cpgi9r	1014	4	.0266272	0	3	past 12 months, how often felt gu...
pgsi	1010	9	.1178218	0	18	pgsi - score for gambling problem...
pgsi4	1010	4	.0613861	0	3	risk level for gambling problems ...
pgsi_bi	1010	2	.0455446	0	1	pgsi binary - any gambling proble...
pgsi8	1010	2	.0019802	0	1	pgsi binary - high risk gambling ...
pgsi3	1010	2	.0138614	0	1	risk level for gambling problems ...
childtr	2023	2	.1606525	0	1	any trauma as a child - y/n
adultr	2020	2	.1143564	0	1	any trauma as an adult - y/n
freqgm	1014	8	106.5424	0	365	frequency of playing games - days...
hrsgm	1012	6	.784585	0	7.5	how many hours played those days ...
qfvolgm	1012	23	180.9911	0	2737.5	playing games (volume) based on q...
qfvwkgm	1012	23	3.480598	0	52.64423	average nr. of hours/week playin...
hrswkgm	1012	5	1.230237	0	4	hours per week playing games - 5 ...
hrswkgm2	1012	5	1.286561	0	4	hours per week playing games - 5 ...
hrswkgm3	1012	6	1.324111	0	5	hours per week playing games - 6 ...
freqem	1012	8	278.1403	0	365	frequency of using email/social m...
hrsem	1009	6	1.55996	0	7.5	how many hours spent those days w...
qfvolem	1007	23	522.6485	0	2737.5	using email/social media (volume)...
qfvwkem	1007	23	10.05093	0	52.64423	average nr. of hours/week using e...

hrswkem	1007	5	2.948361	0	4	hours per week using email/social...
hrswkem2	1007	6	2.991063	0	5	hours per week using email/social...
hrswkem3	1007	7	3.131082	0	6	hours per week using email/social...
totscren	1006	113	702.8802	0	5475	total screen time (volume) based ...
totschw	1006	113	13.51693	0	105.2885	average nr. of hours/week total s...
hrswkts	1006	8	3.377734	0	7	average total no. of hours per we...
hrswkts2	1006	7	3.352883	0	6	average total no. of hours per we...
pedu1	1012	2	.201581	0	1	past 12 months tried to cut back ...
pedu2	1012	2	.1057312	0	1	family member ever expressed conc...
pedu3	1013	2	.011846	0	1	ever missed work, school, or an i...
pedu4	1008	2	.0436508	0	1	do you think you have a problem w...
pedu5	1012	2	.0790514	0	1	ever experienced an irresistible ...
pedu6	1012	2	.0543478	0	1	ever experienced a growing tensio...
pedu6s	1014	7	.495069	0	6	problematic use of electronic dev...
pedu6_1	1014	2	.2928994	0	1	any problematic use of electroni...
pedu6_3	1014	2	.0552268	0	1	moderate/severe problematic use ...
xtclife	1016	2	.0393701	0	1	used ecstasy lifetime y/n
xtc12m	1016	2	.0029528	0	1	used ecstasy past 12m

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Appendix A

Summary of ARF/CAMH Adult Population Surveillance Program

Table A1. ARF/ CAMH - Ontario Adult Population Surveys, 1977–2016

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
1977	Face-to-face	Gallup	<p>Periodic Survey Modified-probability design: The survey employed personal visit, face-to-face interviews. The sample design incorporated stratification by six community size groups, based on the most recent census data: cities of 500,000 population and over; those between 100,000 and 500,000; 30,000 to 100,000; 10,000 to 30,000; 1,000 to 10,000, and rural farm and rural non-farm areas. The population was arrayed in geographic order, by census enumeration areas. Enumeration areas, on the average, contain about 500 to 1,000 people. Up to 105 enumeration areas were selected randomly from this array. Within urban centres, a random block sampling procedure was used to select starting points for interviewers. The interviewer was provided with a map of the enumeration area, showing the location of the starting point and was required to follow a specified route in the selection of households. Within the household, the youngest male, 18 years and over at home at the time of the interview, was surveyed. If there was no male available, or when the male quota was completed, the youngest available female, 18 years and over, was interviewed. The selection of rural and rural non-farm interviewing locations followed the sample design established for the urban centres in terms of geographic dispersion and random selection of enumeration areas. Because of the low population density and wide dispersion of households, the random block sampling procedure was replaced by quota sampling based on sex and age. Sampling weights for the 1977 through 1989 surveys employed post-stratification adjustments according to the gender and age distribution according to the most recent census year.</p>	N=1,059 June 16–18	NA		(Smart & Goodstadt, 1977)
1982	Face-to-face	Gallup		N=1,040 Feb. 22–28	NA		(Smart & Adlaf, 1982)
1984	Face-to-face	Gallup		N=1,050 Feb. 27–Mar 3	NA		(Smart & Adlaf, 1984)
1987	Face-to-face	Gallup		N=1,084 Jan. 8–23	NA		(Smart & Adlaf, 1987)
1989	Face-to-face	Gallup		N=1,101 Feb. 11–Mar 4	NA		(Adlaf & Smart, 1989)
1991	Telephone	ISR	<p>Periodic Survey Full-probability RDD: The survey used random-digit-dialling (RDD) techniques through Computer Assisted Telephone Interviewing (CATI) methods. The design employed a <i>single-strata, two-stage probability RDD survey</i> fielded during a 2-3 month period. Stage 1: From a sampling frame of all active area codes and exchanges in Ontario provided by the ATT Long Lines Tape, a random sample of telephone numbers was selected with equal probability. Stage 2: Within selected telephone households, one respondent was selected according to the most recent birthday of household members. A minimum of 12 call-backs were made to each nonresponding household, and all households who refused to participate were re-contacted in order to secure participation. Sampling weights were a function of the number of household members.</p>	N=1,047 Feb 20–Mar 18	RR=67% Deff=1.14	1 SE strata; 1047 SECU; 1046 design df	(Adlaf et al., 1991)
1992	Telephone	ISR		N=1,058 June 14– Aug 20	RR=63% Deff=1.19	1 SE strata; 1058 SECU; 1057 design df	(Ferris et al., 1994)
1993	Telephone	ISR		N=1,034 April 19– May 24	RR=65% Deff=1.10	1 SE strata; 1034 SECU; 1033 design df	(Bondy, 1994)
1994	Telephone	ISR		N=2,022 Mar 1–May 5	RR=63% Deff=1.16	1 SE strata; 2022 SECU; 2021 design df	(Adlaf et al., 1994; Paglia, 1995)
1995	Telephone	ISR		N=994 Mar 28–May 9	RR=62% Deff=1.16	1 SE strata; 994 SECU; 993 design df	(Anglin, 1995)

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
1996	Telephone	ISR	<p>Ontario Drug Monitor (ODM) - Rolling survey</p> <p>Full-probability monthly RDD: The survey used RDD techniques through CATI methods. The design employed a rolling monthly <i>two-stage probability RDD survey</i> stratified by six geographical/area-code regions with sample sizes allocated equally (disproportionally). Stage 1: From a sampling frame of all active area codes and exchanges in Ontario provided by the ATT Long Lines Tape, within each regional stratum a random sample of telephone numbers was selected with equal probability. Stage 2: Within selected telephone households, one respondent was selected according to the most recent birthday of household members. A minimum of 12 call-backs were made to each nonresponding household, and all households who refused to participate were re-contacted in order to secure participation. Twelve monthly samples were cumulated to provide annual estimates. Sampling weights were a function of the number of household members, regional probabilities and month.</p> <p>CAMH Monitor (CM) - Rolling survey</p> <p>Full-probability monthly RDD: The survey used RDD techniques through CATI methods. The design employed a rolling monthly <i>two-stage probability list-assisted RDD survey stratified by six geographical/area-code regions</i> with sample sizes allocated equally (disproportionally). A list of telephone numbers in Ontario can be constructed from CD-ROM versions of telephone books and the other commercially available lists of telephone numbers. Numbers from these sources, as well as telephone numbers between or on either side of listed numbers are included in the sampling frame. Since unlisted numbers, cell phone numbers and newly published numbers are interspersed among published numbers, this strategy provides a superior sample than one based on listed numbers alone.</p> <p>Stage 1: Within each of the six regional stratum, each month a random sample of telephone numbers was selected with equal probability. Stage 2: Within selected telephone households, one respondent age 18 or older who could complete the interview in English was selected according to the last birthday method of household members. A minimum of 12 call-backs were placed to unanswered numbers and most households who refused to participate on the first contact were re-contacted in order to secure participation. Twelve monthly samples were cumulated to provide annual estimates. Sampling weights were a function of the number of household members, regional probabilities and month.</p> <p>In 2000, the stage one selection was revised to a list-assisted RDD selection method.</p> <p>In 2006, the target sample was reduced to 2000 completions.</p>	N=2,721 April 8– Jan 8	RR=64%	6 SE strata; 2721 SECU; 2715 design df	(Adlaf, Ivis, Bondy et al., 1997)
1997	Telephone	ISR		N=2,776 Jan 14– Dec 21	RR=67%	6 SE strata; 2776 SECU; 2770 design df	(Adlaf, Ivis, & Ialomiteanu, 1998)
1998	Telephone	ISR		N=2,509 Jan 21– Dec 20	RR=69%	6 SE strata; 2509 SECU; 2503 design df	(Adlaf, Paglia, & Ialomiteanu, 1999; Adlaf, Paglia, Ivis et al., 1999)
1999	Telephone	ISR		N=2,436 Jan 20– Dec 21	RR=69%	6 SE strata; 2436 SECU; 2430 design df	(Adlaf & Ialomiteanu, 2001a; Adlaf et al., 2000)
2000	Telephone	ISR		N=2,406 Jan 20–Dec 21	RR=61%	6 SE strata; 2406 SECU; 2400 design df	(Adlaf & Ialomiteanu, 2001b; Adlaf et al., 2001)
2001	Telephone	ISR		N= 2627 Jan 25–Dec 20	RR=61%	6 SE strata; 2627 SECU; 2621 design df	(Adlaf & Ialomiteanu, 2002a, 2002b)
2002	Telephone	ISR		N= 2421 Jan 10–Dec 22	RR=58%	6 SE strata; 2421 SECU; 2415 design df	(Adlaf & Ialomiteanu, 2003)
2003	Telephone	ISR		N= 2411 Jan 10–Dec 30	RR=58%	6 SE strata; 2411 SECU; 2405 design df	(Ialomiteanu & Adlaf, 2004)
2004	Telephone	ISR		N= 2611 Jan 03–Dec 30	RR=59%	6 SE strata; 2611 SECU; 2605 design df	(Adlaf et al., 2008; Ialomiteanu & Adlaf, 2005)
2005	Telephone	ISR		N= 2445 Jan 10–Dec 22	RR=61%	6 SE strata; 2445 SECU; 2439 design df	(Adlaf et al., 2008; Ialomiteanu & Adlaf, 2006)
2006	Telephone	ISR	N= 2016 Jan 03–Dec 30	RR=61%	6 SE strata; 2016 SECU; 2010 design df	(Ialomiteanu & Adlaf, 2007)	

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
2007	Telephone	ISR	<p>In 2010, the target sample was increased to 3000 completions.</p> <p>In 2011, the 12 monthly samples were reduced to 4 quarterly samples.</p>	N= 2005 Jan 02–Dec 30	RR=53%	6 SE strata; 2005 SECU; 1999 design df	(Ialomiteanu & Adlaf, 2008; Ialomiteanu et al., 2009)
2008	Telephone	ISR		N= 2024 Jan 05–Dec 28	RR=55%	6 SE strata; 2024 SECU; 2018 design df	(Ialomiteanu & Adlaf, 2009)
2009	Telephone	ISR		N=2037 Jan 02–Dec 30	RR=57%	6 SE strata; 2037 SECU 2031 design df	(Ialomiteanu & Adlaf, 2010; Ialomiteanu et al., 2011)
2010	Telephone	ISR		N=3030 Jan 02–Dec 28	RR=51%	6 SE strata; 3030 SECU 3024 design df	(Ialomiteanu & Adlaf, 2011)
2011	Telephone	ISR		N=3039 Jan 04–Dec 20	RR=51%	6 SE strata; 3039 SECU 3033 design df	(Ialomiteanu & Adlaf, 2012; Ialomiteanu et al., 2012)
2012	Telephone	ISR		N=3030 Jan 03–Dec 28	RR=51%	6 SE strata; 3030 SECU 3024 design df	(Ialomiteanu & Adlaf, 2013)
2013	Telephone	ISR		N=3021 Jan 02–Dec 22	RR=48%	6 SE strata; 3021 SECU 3015 design df	(Ialomiteanu & Adlaf, 2014; Ialomiteanu et al., 2014)
2014	Telephone	ISR		N=3043 Jan 02–Dec 17	CR=53% RR=45%	6 SE strata; 3043 SECU 3037 design df	(Ialomiteanu & Adlaf, 2015)
2015	Telephone & Web Experiment	ISR		N=5013 Jan 05–Dec 23	CR=46% RR=41%	6 SE strata; 5013 SECU 5027 design df	(Ialomiteanu, Adlaf, & Mann, 2016; Ialomiteanu et al., 2016; Park, 2016)
2016	Telephone Dual-Frame (landline+cell)	ISR		N=3042 Jan 04–Dec 06	CR=46% RR=38%	6 SE strata; 3042 SECU 3036 design df	(Ialomiteanu, Adlaf, & Mann, 2017; Northrup, 2017)
<p>Notes: ARF, Addiction Research Foundation; ISR= Institute for Social Research, York University, RR = unit response rate; CR= cooperation rate; Deff = average design effect; SE = standard error; SECU=Standard Error Calculation Unit (respondents).</p>							

Table A2: Key Design and Interview Modifications to the CAMH Adult Population Survey Program (1977–2016)

Year	Key Design Changes	Key Interview Changes
1977	Population survey program initiated with personal visit, face to face (FtF) interviews drawn from a multistage area sample administered by Gallup Canada	
1982		
1984		•Cocaine introduced
1987		
1989		
1991	FtF, in-home interview vs telephone mode comparison study	
1991	<ul style="list-style-type: none"> •Migration to two-stage, RDD landline telephone survey begins •ISR begins role as data producer 	•English and French CATI introduced
1992		
1993		
1994		
1995		
1996	<ul style="list-style-type: none"> •Continuous fieldwork begins: Rolling monthly samples introduced, resulting in 12-month cumulated data sets (prior surveys employed periodic fieldwork of 2-3 months) •Annual sample size increased to exceed 2400; •Regional stratification becomes equally allocated (vs proportional allocation or non-stratification used in earlier surveys); 	<ul style="list-style-type: none"> •CATI begins continuous monthly administration •Consecutively administered bi-panels (A & B) introduced (Panel A = January – June Panel B = July – December) •Tobacco module introduced •Drinking & driving introduced
1997		•Prescription antianxiety and antidepressant use introduced
1998		<ul style="list-style-type: none"> •CATI becomes English only •AUDIT introduced
1999	CAMH Monitor series begins	•Mental health and gambling modules introduced
2000	Stage 1 selection revised to list-assisted RDD, thus including mobile, unlisted and newly-activated numbers in sampling frame	<ul style="list-style-type: none"> •ASSIST-CIS introduced •GHQ12 introduced
2001		
2002		<ul style="list-style-type: none"> •Cannabis driving introduced •Collision while driving introduced
2003		<ul style="list-style-type: none"> •HRQoL introduced •Past 7 day drinking introduced •Immigrant status introduced
2004		
2005		<ul style="list-style-type: none"> •5/4 (5 men/4 women) binge measure introduced •Gambling module temporarily removed (2005)

Year	Key Design Changes	Key Interview Changes
2006	Target completions reduced to 2000 annually	
2007		
2008	Advance letter pilot begins in Toronto	<ul style="list-style-type: none"> •Opioid pain reliever module introduced •NOC introduced
2009	Advance letters introduced to full sample	
2010	Completions increased to 3000 annually	<ul style="list-style-type: none"> •Panels reallocated: Concurrently administered interviews 12 month Panels introduced: Panel A=~1000; Panel B =~2000 (both panels January-December)
2011	12 monthly samples reduced to 4 quarterly samples	<ul style="list-style-type: none"> •Passenger with impaired driver removed (2011) • Drinking and boating/ snowmobiling introduced •Traumatic brain injury introduced •Cell phone item introduced
2012		<ul style="list-style-type: none"> •Ethnicity items revised (race added) •Suicide ideation introduced
2013		<ul style="list-style-type: none"> •E-cigarette items introduced •Waterpipe (hookah) introduced •Medical use of cannabis reinstated (last collected in 1999)
2014		<ul style="list-style-type: none"> •K6 replaced GHQ12 •Financial stress introduced •Sexual identity introduced
2015	Completions increased to 5000 for the calendar year – 3 panels Web survey pilot (July - December)	<ul style="list-style-type: none"> •Panels reallocated for grant funded gambling study - concurrently administered 3 panels introduced for the calendar year: Panel A=~1000; Panel B =~1000 ; Panel C=~3000 •Gambling and Use of Electronic Devices introduced in Panel C •Web survey pilot (July -December) •NOC removed
2016	Completions returned to ~3000 annually Toronto area – dual-frame experiment (April-December)	<ul style="list-style-type: none"> •Panels reallocated: Panel A=~1000; Panel B =~1000 (both panels January-December) Panel C=~1000 (asked January-March) •Toronto area – dual-frame experiment (panel E, N =171 cell-phone interviews in Toronto)

Notes: **FtF**: Face to Face; **RDD**: Random-Digit Dialling; **ISR**: Institute for Social Research, York University; **CATI**: Computer Assisted Telephone Interview; **AUDIT**: Alcohol Use Disorder Identification Test; **ASSIST-CIS**: Alcohol, Smoking and Substance Involvement Screening Test; **GHQ12**: General Health Questionnaire (12 items); **HRQoL**: Health Related Quality of Life; **K6**: Kessler non-specific distress scale (6 items).

Appendix B

The 2016 Advance Letters (mailed to respondents one week prior to telephone contact)



Centre for Addiction and Mental Health
Centre de toxicomanie et de santé mentale

ADVANCE LETTER 2016
(for landline/list-assisted telephone interviews)

January - December

The «Name1» Household
«Address»
«City» «PROV» «Postal»

We are sending this letter to let you know that in the next few days, you will receive a telephone call from the Survey Centre at York University's Institute for Social Research asking you to participate in a province wide survey on health issues on behalf of the Centre for Addiction and Mental Health (CAMH). Your address and phone number have been selected at random by a computer and there is no assumption that the people who complete the survey have ever had any connection with CAMH.

For almost 40 years, the Centre for Addiction and Mental Health (CAMH) has been conducting research on alcohol, tobacco and mental health issues and how trends have changed over time. If you wish to know more about the survey or to view survey results, please visit the web site: <http://www.camh.ca/camh-monitor>.

If you have any questions about the current cycle of the survey, please visit the "Frequently Asked Questions (FAQ)" page on the survey web site listed above. You can also call the Institute for Social Research at 1-888-847-0148 (toll free) or at 416-736-5393, or CAMH, at 416-535-8501 ext. 34496 or ext. 36997 or you can email survey@camh.ca.

The information collected in the CAMH Monitor is used to build knowledge about different health issues, evaluate health programs, and help create health and social policies in Ontario. The confidentiality of the information gathered by the survey is protected by the law. Your answers will be kept strictly confidential. Only summary results in which individual answers cannot be identified will be reported.

It is only with the assistance of people like you that the research can be successful. Thank you in advance for your time and consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Mann", with a long horizontal flourish extending to the right.

Robert Mann, PhD
Study Director, Senior Scientist
Centre for Addiction and Mental Health
Associate Professor, University of Toronto
Tel: 416-535-8501 ext. 34496
Email: robert.mann@camh.ca

Appendix C

CAMH Monitor CATI Questionnaire 2016

**List-Assisted Telephone Interview (Panels A+B+C)
(see Appendix F for Cell Phone Interview)**

The 2016 CAMH Monitor Topic Outline: Item Allocation by Questionnaire Panel

Item name	Topic (variable description)	PANEL A (Jan-Dec)	PANEL B (Jan-Dec)	PANEL C (Jan-March)	PANEL E Cell Phones only Toronto pilot (April - Dec)
1	General Health				
gh1	General health good, ...?	1	1	1	1
hs1a	Mental health good,...?	1	1	1	1
doc1	doctor visits (Panel B)		1		1
	HRQoL				
gh2r	Nr. days, past 30 days, physical health not good		1		1
gh3r	Nr. days, past 30 days, mental health not good		1		1
gh4	Nr. days, past 30 days, any disability		1		1
2	Tobacco Block				
2A	Consumption				
	Smoking Status (tc1- tc7)				
tc1	At the present time, do you smoke...?	1	1	1	1
tc2	Have you smoked 100 cigs?	1	1	1	1
tc3	Have you ever smoked daily?	1	1	1	1
tc4	Age of onset	1	1	1	1
tc5	How long ago you smoked?	1	1	1	1
tc6	How many cigs smoked daily	1	1	1	1
tc7	How soon after wake up do you smoke?	1	1	1	1
	Occasional Smoking (tos1-tos2)				
tos1	How many cigarettes?	1	1		1
tos2	On how many days (last 30d) did you smoke?	1	1		1
	Smoking Cessation (tc8-tc10; tq2)				
tc8	Past 12 month serious attempt? (tc8)	1	1		1
tc9	Intent in 6 months? (tc9)	1	1		1
tc10	Intent in 30 days? (tc10)	1	1		1
	E-cigarettes				
tecig2a- tecigcan	6 items (e-cig)	6	6		6
2B	Tobacco Policy (Panel A - OTRU)	54			
tcotp-tobrisk9	~54 items (full panel) (some items new 2016)				
3	Alcohol				
3A	Consumption (10 items)				

Item name	Topic (variable description)	PANEL A (Jan-Dec)	PANEL B (Jan-Dec)	PANEL C (Jan-March)	PANEL E Cell Phones only Toronto pilot (April - Dec)
ac1	During the past 12 months have you had a drink?	1	1	1	1
ac2	Did you EVER have a drink of any alcoholic beverage?	1	1	1	1
ac5	How often did you drink alcoholic beverages during the past 12 months?	1	1	1	1
ac5a	How often did you drink alcoholic beverages during the past 30 days?	1	1	1	
ac6a	On those days when you drank, how many drinks did you usually have? (pasat 12 m)	1	1	1	1
five	About how often in the past 12 m you had 5 or more drinks at the same sitting	1	1	1	1
five30	About how often in the past 30 days you had 5 or more drinks at the same sitting	1	1		
four	About how often in the past 12 m you had 4 or more drinks at the same sitting (women only)	1	1		
ac3	Have you ever had fiveplus weekly?	1	1	1	1
	Past week drinker-wheel (8 items)		8		
ac10	Over the past 7 days, how many drinks you had each day.				
sun -sat	How many drinks did you have on Sun ...Sat				
	AUDIT (7 items: aud4-aud0)	7	7	7	7
aud4	How often during the past 12 months have you found you were not able to stop drinking once started				
aud5	How often in the past 12 m have you failed to do what was expected from you because of drinking				
aud6	How often past 12 m have you needed a first drink in the morning...				
aud7	How often past 12 m have you had a feeling of guilt or remorse after drinking				
aud8	How often past 12 m have you been unable to remember what happened the night before				
aud9	Have you or someone else EVER been injured as a result of your drinking?				
aud10	Has a relative, friend, doctor EVER been concerned about your drinking or suggested you cut down?				
3C	Alcohol In Grocery Stores		8		8
ags1-ags8	8 items				

Item name	Topic (variable description)	PANEL A (Jan-Dec)	PANEL B (Jan-Dec)	PANEL C (Jan-March)	PANEL E Cell Phones only Toronto pilot (April - Dec)
5a	Cannabis risk				
crisk1	How much do people risk smoking cannabis once a month	1	1		
crisk2	How much do people risk smoking cannabis 1 or 2 times a week	1	1		
4	Driving				
drive	During the past 12 months, have you driven a car, van, or any other type of motor vehicle?		1		1
dr1,a,b,c,d	How much you drive in a typical WEEK - km/ miles		5		5
dr5	During the past 12 months, have you been in a collision		1		1
	Drinking & driving (past 12m)				
dd1	During the past 12 m, have you driven a motor vehicle		1		1
	after having 2 or more drinks in the previous hour				
drtext	Texting and driving (new 2015)		2		2
5	Cannabis				
cn1	Cannabis lifetime use	1	1	1	1
cn2	Cannabis last 12 months	1	1	1	1
reg1	Cannabis used medically	1	1	1	1
medcan	Did you have medical approval (new 2014)	1	1	1	1
tp107b	Cannabis mixed with tobacco (new 2015)	1	1		1
cnvap	Used cannabis vaping past 12m (new 2016)	1	1		1
	Cannabis Use & Driving				
cdr1	Driving after cannabis use (past 12 months)		1		1
	Dependence/Problems				
can3m	Use past 3 m		1		1
cn30	Use past 30 d		1		1
	WHO-ASSIST		5		5
cnas1	Strong desire to use				
cnas2	Use led to health, social, legal probl				
cnas3	Failed to do what was normally expected				
cnas4	Smn expressed concern				
cnas5	Tried and failed to cut down or stop using				
5b	Cannabis Policy (new 2014)		8		8
	Legalizing cannabis				
cnp1	Best way to control or regulate				

Item name	Topic (variable description)	PANEL A (Jan-Dec)	PANEL B (Jan-Dec)	PANEL C (Jan-March)	PANEL E Cell Phones only Toronto pilot (April - Dec)
cnp2	Adults should be allowed to grow cannabis for personal use				
cnp3	Businesses should be regulated and licensed to grow cannabis				
cnp4	Government agencies should be regulated and licensed				
cnp4a	Government should be the only producer				
cnp5	Sale of cannabis should be regulated by the government (like LCBO)				
cnp6	Sale of cannabis should be done by privately-run stores				
cnp7	Try cannabis if legalized tomorrow				
6a	Cocaine				
ck1	Cocaine lifetime use		1	1	1
ck2	Cocaine last 12 months		1	1	1
6b	Ecstasy (brought back 2016)				
xt1	Ecstasy lifetime use		1		
xt2	Ecstasy last 12 months		1		
7	Traumatic brain injury				
tbi1	How many times have you had a head injury (life)		2	2	2
tbi2	How many times have you had a head injury (past12m) (new 2015)		2	2	2
tbi3	What was the cause of the head injury?				
8	Mental Health (K6)				
k1	Felt nervous		6	6	6
k2	Felt hopeless				
k3	Felt restless or fidgety				
k4	So depressed, nothing could cheer you up				
k5	Everything was an effort				
k6	Felt worthless				
9	Suicide (2013)				
suic1	Suicide ideation		1	1	1
suic2	Suicide attempt		1	1	1
10	Financial Stress (2014)				
dstres1	How often do you worry about the total amount of your debt		1	1	
dstres2	How much stress did you feel because of your total debt		1	1	

Item name	Topic (variable description)	PANEL A (Jan-Dec)	PANEL B (Jan-Dec)	PANEL C (Jan-March)	PANEL E Cell Phones only Toronto pilot (April - Dec)
dstres3	How concerned are you that you will never be able to pay off the debt		1	1	
11	Psychotherapeutics (anxiety, depression med)				
ps11, ps16	Past 12m use (anxiety, depression med)		2	2	2
12	Pain Relievers				
po1-po2	Any use /any non-medical use		2	2	2
prs1, pr7	Non-medical use/source		2	2	2
dpo1	PR & driving		2		2
13	ADHD (6 item ONLY screener)			6	
adh1-adh6	6 items				
14	Adverse childhood/adult experiences (new 2015)		4	4	
ace1-ace2a	4 items				
16	Gambling (new 2015)				
g1-g9d	Gambling activities (list asked in 2005)			11	
	Lottery				
	Sports select				
	Bingo				
	Horse racing				
	Casino				
	Slots				
	Table games				
	Card games				
	Sports/Sport pools				
	Internet				
	What games				
g10-g11	Money spent gambling (past 30 days/lifetime)			2	
g12	Age of onset			1	
16b	PGSI - problem gambling (money >\$100)			9	
cpgi1	Bet more than you could really afford				
cpgi2	Needed to gamble with larger amounts of money				
cpgi3	Went back another day to try to win back the money you lost				
cpgi4	Borrowed money or sold anything to get money to gamble				
cpgi5	Felt that you might have a problem with gambling				

Item name	Topic (variable description)	PANEL A (Jan-Dec)	PANEL B (Jan-Dec)	PANEL C (Jan-March)	PANEL E Cell Phones only Toronto pilot (April - Dec)
cpgi6	Gambling caused you any health problems, including stress or anxiety				
cpgi7	People criticized your betting				
cpgi8	Gambling caused any financial problems				
cpgi9	Felt guilty about the way you gamble				
sys1-bm5	System when you gamble			5	
gs11	Setting limits			1	
gr1-gr7	Reasons for gambling			7	
17	Internet/Electronic devices addiction (new 2015)			10	
eduse1-1b	Video or Computer Games				
eduse2-2b	Email/ Social Media				
puse1-puse6	Problematic Use of Electronic Devices				
18	Demographics	26	27	26	17
age/birth	Age				
rgender	Gender				
sd2	Highest level of education				
sd3-4	Religion				
sd5a	Household, number of people				
sd5b	Household, number of children (new 2014)				
sd6-sd6b	Present/past work				
sd7	Main occupation				
sd7b	Valid driver's licence				
sd8	Language spoken at home				
sd17	Sexual orientation (new 2014)				
sd9a-sd9c	Ethnic/cultural group				
race1-race2f	Race (new 2012)				
sd10	Household income				
sd8a	Immigrant - what country				
sd8b	Immigrant -when did come to Canada				
postcode	Postal code				
ISR1new	Separate telephone numbers/ household Cell phones				not asked
cty1-cty5 county	County/regional municipality				not asked
re1 - re2	Respondent Evaluations				
	TOTAL COMPONENT (Items)	124.0	148.0	132.0	116.0

=====

TITLE: Ontario CAMH MONITOR 2016

PANELS A + B + C January-March 2016

PANELS A + B January-December 2016

List-Assisted Telephone Interview

=====

[# The sample is randomly split in 3 panels. Each sample telephone number randomly assigned a panel number of 1, 2, or 3]
[#If Random=1 go to Panel A, Random=2 go to Panel B, Random=3 go to Panel C]
[# If panel=1, Panel A, panel=2, Panel B, panel=3, Panel C]

Panel C asked only from Jan to March 2016

[#===== Change History =====]

Alcohol in Grocery Stores, moved to Panel B in 2016
LRDG items added back in Panel B in 2016

water pipe tc16wp, tc16w added in v2.

New cannabis items cnp8, cnp9 added- starting July 1, 2016 - Panel B only

[#=====

>gend< [return][open cb][allow 1][loc 45/1]
 [setkey <esc> to <skcb>]
 [setkey <f7> to <j>]
 [define <d><8>][define <r><9>]

[bold][yellow] INTERVIEWER: Enter respondent's gender please [n][white]

1 Male
5 Female

d Don't know
@

[@] <1,5,d>
 [store gend in RGENDER]

>ssss< [if BTIM is <>][settime BTIM][endif]
 [open cb]

>quex_wins< [window 2 background black] [# command window]
 [window 3 background blue] [# entry window]

 [window 4 start row 7 column 36]-----+
 [window 4 size 17 rows 38 columns] | "pop up" help window
 [window 4 border] |
 [window 4 reference] |
 [window 4 background yellow]-----+

>panel< [goto ck_panel]

[bold][yellow] INTERVIEWER: Enter Panel to test please [n][white]

1 Panel A
2 Panel B
3 Panel C
@

[@] <1-3> [store panel in LICO][goto int3]

>ck_panel< [if RANDOM1 le <2>][store <1> in panel][endif][#Panel A, 1/6]
 [if RANDOM1 ge <3> and RANDOM1 le <4>][store <2> in panel][endif][#Panel B, 1/6]
 [if RANDOM1 gt <4>][store <3> in panel][endif][#Panel C, 4/6]
 [store panel in LICO][#random1: 1-12]

[#==== **GENERAL HEALTH QUESTIONS** ===]
[#===== ASK ALL PANELS =====]

>int3<

[r] First, I'd like to begin with a few questions about your general health and [n]
[r] how you have been feeling lately.
[n]

Press enter to continue

@

[@][nodata]

>gh1< [define <d><8>] [define <r><9>]

[r] In general, would you say your overall HEALTH is excellent, very good, good,[n]
[r] fair or poor? [n]

1 Excellent
2 Very good
3 Good
4 Fair
5 Poor

d Don't Know r Refused
@

[@] <1-5,d,r>

>hs1a<

[r] In general, would you say your overall MENTAL HEALTH is excellent, very good,[n] good, fair, or poor ? [n]

- 1 excellent
- 2 very good
- 3 good
- 4 fair
- 5 poor

d don't know r refused
@

[@] <1-5,d,r>

>doc1< [#PANEL B Only]
[if panel eq <1> goto tc1][#panel A+C skip to tobacco]
[if panel eq <3> goto tc1]
[define <d><98>][define <r><99>]

[r] In the past 12 months, how many times have you seen a doctor about your [n] physical health or for a check-up? [n]

- 0 No visits
- 1-96 Enter exact number
- 97 97 or more

d Don't Know r Refused
@

[@] <0,1-97,d,r>

[# =====HRQoL, Panel B only =====]

>gh2r< [# gh2r replaced gh2]
[define <d><98>][define <r><99>]

[r] Now thinking about your physical health, which includes physical illness and[n] injury, for how many days in the last 30 days was your physical health not [n] good? [n]

- 0 never
- 1-30 enter number of days

d don't know r refused
@

[@] <0,1-30,d,r>

>gh3r< [# gh3r replaced gh3] [# ghq4 deleted in 2011]

[r] Now thinking about your mental health, which includes stress, depression, [n] and problems with emotions, for how many days during the past 30 days was [n] your mental health not good? [n]

- 0 never
- 1-30 enter number of days

d don't know r refused
@

[@] <0,1-30,d,r>

>ck_gh4< [allow int 1]
[store <0> in ck_gh4]
[if gh2r gt <0> and gh2r le <30>][store <1> in ck_gh4][endif]
[if gh3r gt <0> and gh3r le <30>][store <1> in ck_gh4][endif]

>gh4< [#ASK only if answer =1-30 to gh2r OR gh3r][# gh4 deleted in 2011, brought back 2016]
[if ck_gh4 eq <0> goto tc1]

[r] During the past 30 days for about how many days did poor physical or mental [n] health keep you from doing your usual activities, such as self-care, work, [n] or recreation? [n]

- 0 never
- 1-30 enter number of days

d don't know r refused
@

[@] <0,1-30,d,r>

[# ===== TOBACCO CONSUMPTION =====] [# == ALL Panels ==]

>tc1< [# ask all][define <d><8>][define <r><9>]

[r] Next, we would like to ask you some questions about cigarette smoking. [n]

[r] At the present time do you smoke cigarettes daily, occasionally, or [n] not at all? [n]

- 1 Daily
- 3 Occasionally
- 5 Not at all

d Don't Know r Refused
 @

[@] <1> [goto tc4]
 <3,5,d,r>

>tc2<

[r] Have you smoked at least 100 cigarettes in your life?
 [n]

[bold][yellow]
 Interviewer, if necessary: "100 cigarettes is about 5 packs."
 [n][white]

1 Yes
 5 No

d Don't Know r Refused
 @

[@] <1>
 <5,d,r> [goto end_tc]

>tc3<

[r] Have you ever smoked cigarettes daily?
 [n]

1 Yes
 5 No

d Don't Know r Refused
 @

[@] <1>
 <5,d,r> [goto tc5]

>tc4< [# ask daily smokers only]
 [define <d><98>][define <r><99>]

[r] How old were you when you first started smoking daily?
 [n]

5-70 Enter age

71 71 or older

d Don't Know r Refused
 @

[@] <5-71,d,r>

>tc5< [if tc1 eq <1>][goto tc6][endif]
 [define <d><8>][define <r><9>]

[r] How long ago was it that you last smoked: was it less than one week ago, [n]

[r] less than one month, 1 to 6 months, 7 to 11 months, 1 to 5 years, or more [n]
 [r] than 5 years ago?
 [n]

[bold][yellow]
 INTERVIEWER: If respondent gives AGE, ask how many YEARS AGO that was.
 [n][white]

0 Less than one week
 1 more than one week but less than a month
 2 1 to 6 months
 3 7 to 11 months
 4 1 to 5 years
 5 more than 5 years

d Don't Know r Refused
 @

[@] <0,1>
 <2-5,d,r> [goto end_tc]

>tc6< [if tc1 ge <5>][goto end_tc][endif]
 [if tc1 ge <3>][goto tc7][endif]
 [define <d><98>] [define <r><99>]

[r] How many cigarettes do you usually smoke each day?
 [bold][yellow]
 INTERVIEWER: 1 large pack = 25 cigarettes; 1 small pack = 20 cigarettes
 [n][white]

0 Less than one a day

1-97 Enter number of cigarettes

d Don't Know r Refused
 @

[@] <0-97,d,r>

>tc7< [if tc1 eq <3>][goto tos1][endif]
 [define <d><8>][define <r><9>]

[r] How soon after you wake up do you usually smoke your first cigarette: within [n]
 [r] 5 minutes, from 6 to 30 minutes, from 31 to 60 minutes, or after 60 minutes?[n]

1 within 5 minutes
 3 6 to 30 minutes
 5 31 to 60 minutes
 7 after 60 minutes

d don't know r refused
 @

[@] <1,3,5,7,d,r>

```

[#For ISR: Panel A + B only from here]

[#=====OCCASIONAL SMOKING: tos1; tos2
=====]

[#NEW in 2005, used in CCHS ]

>tos1< [#new in 2005] [#panel A+B only-2015]
  [if panel eq <3> goto end_tc]
  [if tc1 ne <3> goto tc8][#ask only occasional
smokers,if tc1 eq <3>]
  [define <d><98>][define <r><99>]

[r] On those days that you do smoke, about how many
cigarettes do you [n]
[r] usually have? [n]

0-60 enter number

d don't know r refused
@

[&] <0-60,d,r>

>tos2< [#new in 2005] [#panel A+B only-2015]

[r] On how many of the last 30 days did you smoke one or
more cigarettes? [n]

0 none

1-30 enter number

d don't know r refused
@

[&] <0,d,r>
<1-30>

>tc8< [define <d><98>][define <r><99>] [# ask all current
smokers] [#panel A+B only-2015]

[r] In the past 12 months, how many times have you made a
serious attempt to [n]
[r] quit smoking cigarettes?
[n]

[bold][yellow]
IF NECESSARY: A serious attempt would mean you
quit smoking for at least
24 hours.
[n][white]

0 No attempts

1-96 Enter exact number
97 97 or more

d Don't Know r Refused
@

```

```

[&] <0-97,d,r>

>tc9< [define <d><8>][define <r><9>][#panel A+B
only-2015]

[r] Do you intend to quit smoking in the next SIX
MONTHS? [n]

[bold][yellow]
INTERVIEWER: "Yes we mean quitting altogether"
[n][white]

1 yes
5 no

d Don't Know r Refused
@

[&] <1>
<5,d,r> [goto end_tc]

>tc10< [#panel A+B only-2015]

[r] Do you intend to quit smoking in the next THIRTY
DAYS? [n]

1 yes
5 no

d Don't Know r Refused
@

[&] <1,5,d,r>

>end_tc<

[# ===== WATERPIPE, added Jan 8
2016 =====]

>tc16wp< [loc 54/31][#new 2016] [#panel A+B only]
  [if panel eq <3> goto end_wp]
  [define <d><8>][define <r><9>]

[r] The next question is about waterpipe smoking.
[n]
[r] In the past 12 months, have you ever smoked a
waterpipe? [n]

[bold][yellow]
Interviewer, if asked: waterpipe, also known as hookah
or shisha, is an
instrument for smoking flavoured tobacco in which the
smoke is passed
through a water basin before inhalation
[n][white]

1 yes

```

5 no

7 never heard of waterpipe before

d Don't Know r Refused
@

[@] [vstate 62/43]<1>
<5,7,d,r>[goto end_wp]

>tc16w< [#ask only if yes to tc16wp] [define
<d><98>][define <r><99>] [#new 2012]

[r] In the past 30 days, on how many days if at all, did you
smoke a waterpipe? [n]

0 none

1-30 enter number

d don't know r refused
@

[@][vstate 62/44] <0,d,r>
<1-30>

>end_wp<

[# ===== E-CIGARETTE (NEW 2013) =====]
[#panel A+B only][# FOR ISR - please check skips this
section]
[# Panel C skip out]

>tecig2rc<[loc 45/31][if panel eq <3> goto
SMOKE_FLAG][#ask Panel A+B only-2015]
[define <d><8>][define <r><9>]

[r] The next questions are about electronic cigarettes or e-
cigarettes, also [n]
[r] known as "vape pipes", "hookah pens" and "e-hookas".
[n]

[bold][yellow]
Interviewer, if asked: e-cigarettes are electronic devices
that create an
inhaled mist, simulating the act of smoking.
[n][white]

[r] Have you ever taken at least one puff from an e-
cigarette? [n]

1 yes
5 no
7 never heard of e-cigarettes before

d Don't Know r Refused
@

[@] <1>
<5,7,d,r>[goto SMOKE_FLAG]

>tecig2a<

[r] Was this in the past 12 months?
[n]

[bold][cyan]
that you had at least one puff of an e-cigarette?
[n][white]

1 yes
5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r>[goto SMOKE_FLAG]

>tecig2b<

[r] Was this in the past 30 days?
[n]

[bold][cyan]
that you had at least one puff of an e-cigarette?
[n][white]

1 yes
5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r>[goto tecignic]

>tecig3< [define <d><98>][define <r><99>]
[#ASK only Past-30 day e-cigarette users]

[r] On how many of the past 30 days, if at all, did you
smoke an e-cigarette? [n]

1-30 enter number

d don't know r refused
@

[@] <0,d,r>
<1-30>

>tecignic< [define <d><8>][define <r><9>] [#NEW 2015]
[#ask ALL past 12m users of e-cigarettes]

[r] The last time you used an e-cigarette, did it contain

nicotine? [n]

- 1 yes
- 5 no

d Don't Know r Refused
@

[@] <1-5,d,r>

>tecigcan< [define <d><98>] [define <r><99>][#NEW 2015]
[#ask ALL past 12m users of e-cigarettes]

[r] In the past 12 months have you ever used cannabis inside an e-cigarette? [n]

[bold][yellow]

Interviewer, if necessary: inside a vape pipe, hookah pen or e-hookah?
[n][white]

- 1 Yes
- 5 No

d don't know r refused
@

[@] <1>
<5,d,r> [goto SMOKE_FLAG]

>SMOKE_FLAG< [allow 1][store <0> in SMOKE_FLAG]
[if tc1 is <1>][store <1> in SMOKE_FLAG][endif]
[if tc1 is <3> and tc2 is <1>]
[store <1> in SMOKE_FLAG]
[endif]

[# ===== OTHER E-CIGARETTE (NEW 2014) =====]

[#For ISR: Panel A only from here]
[# Panel B+C skip out]

>tecig4< [if panel gt <1> goto end_tobacco]
[if tecig2rc gt <5> goto end_tecig]
[define <d><8>][define <r><9>] [#ask ALL non-users of e-cigarettes]

[r] Do you think you will use an electronic or e-cigarette at any time during [n]
[r] the next 12 months?
[n]

[r] Would you say definitely yes, probably yes, probably not, definitely not? [n]

- 1 definitely yes
- 2 probably yes
- 3 probably not
- 4 definitely not

d don't know r refused
@

[@] <1-4,d,r>

>tecig5< [define <d><8>][define <r><9>] [#ASK only Past-30 day e-cigarette users]
[if tecig2b ne <1> goto tecig6]

[r] Now, please think about your own e-cigarette use. Would you say that you [n]

[r] are NOT AT ALL ADDICTED to e-cigarettes, SOMEWHAT ADDICTED to e-cigarettes, [n]
[r] or VERY ADDICTED to e-cigarettes?
[n]

- 1 Not at all addicted
- 2 Somewhat addicted
- 3 Very addicted

d don't know r refused
@

[@] <1-3,d,r>

>tecig6< [define <d><8>][define <r><9>] [#ASK only EVER e-cigarette users]
[if tecig2rc gt <1> goto tecig7]

[r] What is the single most important reason you HAVE used an e-cigarette? [n]

[bold][yellow]

Interviewer: Read list only if R says don't know.
[n][white]

- 1 Curiosity
- 2 To get around smoking restrictions
- 3 Because my friends use e-cigs
- 4 To reduce the amount of tobacco I use
- 5 To quit smoking
- 6 To avoid relapse
- 7 Other (please specify)

d don't know r refused
@

[@] <1-6,d,r>
<7>[specify]

>tecig7< [#ASK only EVER e-cigarette users; EXCLUDE

PAST 30 days e-cigarette users]
[if tecig2rc gt <1> goto end_tecig]
[if tecig2b eq <1> goto end_tecig]

[r] What is the single most important reason that you
HAVE NOT used [n]
[r] e-cigarettes in the last 30 days?
[n]

[bold][yellow]
Interviewer: DO NOT READ LIST, UNLESS
NECESSARY.
[n][white]

- 1 Didn't like the taste
- 2 Disappointed with the experience
- 3 Cost
- 4 Might be harmful to my health
- 5 Embarrassing to use
- 6 Didn't work as a smoking cessation aid

7 Other (please specify)

d don't know r refused
@

[@] <1-6,d,r>
<7>[specify]

>end_tecig<

[# =====TOBACCO POLICY - PANEL A ONLY
=====]

[#NEW OTRU items CM 2015 Nov 25, 2014]

>tecig8< [define <d><8>][define <r><9>][define <s><0>]
[#New 2015]
[if tecig2b ne <1> goto tcotp]
[#ASK only Past-30 day e-cigarette users]

[r] Thinking about the last time you bought E-
CIGARETTES for your own use, [n]
[r] where did you buy them?
[n]

[bold][yellow]
Interviewer: please read the list. Code only one
option.[n][white]

[r] Did you buy them:
[n]
[r] 1 at a convenience store or small grocery store,
[n]
[r] 2 at a supermarket,
[n]
[r] 3 at a gas station, [n]
[r] 4 at a pharmacy, [n]
[r] 5 at a vape or e-cigarette store,

[n]

[n]
[r] 6 on the internet, [n]
[r] 7 at a duty-free shop?
[n]

1-7 enter answer

s Other Specify
d Don't Know r Refused
@

[@] <1-7,d,r>
<s>[specify]

[# ===== OTHER TOBACCO PRODUCTS
=====]

>tcotp< [define <d><8>][define <r><9>] [#new
2013][#revised 2016-waterpipe removed]
[if panel gt <1> goto end_tobacco]

[r] The next questions are ABOUT OTHER TOBACCO
PRODUCTS that you might have used.[n]

[r] In the past 30 days, did you use any tobacco products,
such as cigars or [n]
[r] cigarillos, or smokeless tobacco such as snus or chew?
[n]

[bold][yellow]
Interviewer, if asked: Snus (pronounced "snoose") is a
smokeless tobacco
product, similar to dip or chew, that is produced in
Sweden, consumed by
placing it under the lip for extended periods of time.
[n][white]

1 yes
5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r> [goto end_otp][#changed from goto tp97]

>end_otp< [#added now]

[# ===== SMOKING CESSATION, PANEL A
ONLY =====]

>st_pa< [if panel gt <1> goto end_tq]

[r] Many communities offer help to smokers who want to
quit. Please tell me if, [n]
[r] in the past 30 days, you have seen or heard of any of the
following: [n]

Press "Enter" to continue @

[@][nodata]

>tq1< [define <d><8>] [define <r><9>]
[# item tq1 deleted in 2011, brought back in 2012]

[r] In the past 30 days have you heard of a "1-800
Quitline"? [n]

[bold][yellow]
INTERVIEWER: if necessary: 1-800 Quitline is a free
telephone helpline available
province-wide, designed to help smokers who want to
quit by providing
information, support and referral. It is run by the
Canadian Cancer
Society, Ontario Division.
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>tq2<

[r] What about a "Quit Smoking " contest?
[n]

[bold][cyan]
In the past 30 days, have you seen or heard of this?
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>end_tq<

[#=====]
[#SECOND-HAND SMOKE EXPOSURE in multi-unit
dwellings (MUDs, new2011,asked in OTS)]
[# Moved down 2 items,Panel A only]
[#=====]

>tp97<[if panel gt <1> goto end_tp] [define
<d><8>][define <r><9>]

[r] Which of the following best describes your main
residence? [n]
[r] Would you say:

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[n]

[r] 1 A detached, single family home
[n]
[r] 2 An attached house (such as a townhouse, or a semi-
detached house) [n]
[r] 3 A multiple unit dwelling (such as an apartment
building, a condominium [n]
apartment, or a duplex)
[n]
[r] 4 Shared accommodation (such as a rooming house,
dorm, or retirement home)[n]

[bold][yellow]
Interviewer: if required, code an apartment or unit within
a house as "3".
[n][white]

1-4 enter answer
5 Other specify

d Don't Know r Refused
@

[@] <1,d,r> [goto end_tp]
<2-4>
<5>[specify][goto end_tp]

>tp98< [#ask if tp97 eq 2, 3, or 4] [#if tp97 eq <2-4>]

[r] In the past 6 months, how often, if at all, have you
noticed any tobacco [n]
[r] smoke entering your home from a neighbouring unit or
from outside the [n]
[r] building? Would you say: every day, at least once a
week, at least once [n]
[r] a month, at least once in the past 3 months, at least once
in the past [n]
[r] 6 months, or never?
[n]

[bold][yellow]
Interviewer (if necessary): I am referring to ANY
secondhand smoke entering
your home from someone who does not live in your
home.
[n][white]

1 every day
2 at least once a week
3 at least once a month
4 at least once in the past 3 months
5 at least once in the past 6 months

0 never
d Don't Know r Refused
@

[@] <0-5,d,r>

>end_tp<

[# ===== **WORKPLACE SMOKING,**
Panel A only =====]

>tp26b< [if panel gt <1> goto end_tobacco]
[define <d><8>][define <r><9>] [#revised 2010 from
tp26a]

[r] The next questions are about smoking in the workplace.
[n]

[r] First, where do you work? Do you work mainly at
home, mainly indoors but [n]

[r] not at home, mainly outdoors, or mainly in a vehicle?
[n]

- 1 mainly at home
- 2 mainly indoors but not at home
- 3 mainly outdoors
- 4 mainly in a vehicle

0 do not work

d Don't Know r Refused
@

[@] <2-4>
<0,1,d,r> [goto tp109]

>tp26c< [define <d><8>][define <r><9>] [#ASK if tp26b
<2-4>] [#NEW 2014]

[r] Which of the following statements best describes the
policy on INDOOR [n]

[r] smoking where you work? Would you say:
[n]

- [r] 1 there is no policy on indoor smoking where I work,
[n]
- [r] 2 smoking is not allowed indoors except for
designated smoking areas, [n]
- [r] 3 smoking is not allowed anywhere indoors
[n]

1-3 enter answer

d Don't Know r Refused
@

[@] <1-3,d,r>

>tp26d< [define <d><8>][define <r><9>] [#ASK if tp26b
<2-4>] [#NEW 2014]

[r] Which of the following statements best describes the
policy on OUTDOOR [n]

[r] smoking where you work? Would you say:

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[n]

[r] 1 there is no policy on outdoor smoking where I
work [n]

[r] 2 smoking is allowed outdoors except at entrances
and exits [n]

[r] 3 smoking is allowed outdoors only in designated
smoking areas [n]

[r] 4 smoking is not allowed anywhere outdoors
[n]

1-4 enter answer

d Don't Know r Refused
@

[@] <1-4,d,r>

[# ===== **ETS EXPOSURE** =====]

>tp31a< [define <d><98>][define <r><99>][# revised 2010
from tp31ind]

[r] In the last week, how many days were you exposed to
other people's tobacco [n]

[r] smoke INDOORS or INSIDE A VEHICLE while you
were at work? By exposed, [n]

[r] I mean spending at least 5 minutes in an area where
someone is smoking? [n]

0 no days

1-7 enter number of days

97 do not work outside the home
d Don't Know r Refused
@

[@] <0,1-7>
<97,d,r> [goto tp109]

>tp31b< [define <d><98>][define <r><99>] [# revised
2010 from tp31]

[r] In the last week, how many days were you exposed to
other people's tobacco [n]

[r] smoke OUTDOORS while you were at work? By
exposed, I mean spending at least [n]

[r] 5 minutes in an area where someone is smoking?
[n]

0 no days

1-7 enter number of days

97 do not work outside the home
d Don't Know r Refused
@

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[@] <0,1-7,97,d,r>

[# ===== **PERCEIVED SOCIAL EXPOSURE TO SMOKING** =====]

>tp109< [define <d><98>][define <r><99>] [# new 2016]

[r] Over the PAST 7 DAYS, about how often did you see anyone smoking a cigarette?[n]

[r] Would you say: never, rarely, sometimes, often, or always? [n]

- 1 never
- 2 rarely
- 3 sometimes
- 4 often
- 5 always

d don't know r refused
@

[@] <1-5,d,r>

>tp110< [define <d><98>][define <r><99>] [# new 2016]

[r] Over the PAST 7 DAYS, about how often did you see anyone using [n]

[r] an e-cigarette? [n]

[r] Would you say: never, rarely, sometimes, often, or always? [n]

- 1 never
- 2 rarely
- 3 sometimes
- 4 often
- 5 always

d don't know r refused
@

[@] <1-5,d,r>

>end_social<

[#==== **PUBLIC OPINION ON PROTECTION FROM SECONDHAND SMOKE IN PUBLIC PLACES** =====]

>tp53b< [#ASK ALL panel A] [#new in 2005, revised 2015]

[define <d><8>][define <r><9>]

[r] The next few questions are about banning smoking in public places. Please [n]

[r] tell me if you strongly agree, somewhat agree,

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somewhat disagree or strongly [n]
[r] disagree with the following statements.
[n]

[r] The first one is: Smoking should be banned INDOORS in multi-unit dwellings, [n]
[r] such as apartment buildings, townhouses, rooming houses and retirement homes.[n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp80< [#ASK ALL panel A] [# new 2010]

[r] What about near entrances to public buildings, such as post offices, [n]
[r] libraries, office buildings, and shopping malls.
[n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

[bold][yellow]

Interviewer, if asked: by "near" we mean within 9 metres or about 30 feet or 2 car-lengths.

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp64a< [#ASK ALL panel A] [#revised 2010]

[r] Smoking should be banned on OUTDOOR patios of restaurants or bars: [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp68< [#ASK ALL panel A] [#new in 2007]

[bold][cyan] Smoking should be banned [n][white]

[r] ...in public parks and on public beaches.
[n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp81< [#ASK ALL panel A] [# new 2010]

[r] What about near OUTDOOR recreation facilities, such as sports fields, [n]
[r] stadiums, and entrances to arenas.
[n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?
[n][white]

[bold][yellow]
Interviewer, if asked: by "near" we mean within 9 metres or about 30 feet or 2 car-lengths.
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp82< [#ASK ALL Panel A] [# new 2010]

[r] What about near OUTDOOR children's playgrounds and wading pools. [n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]
[bold][yellow]
Interviewer, if asked: by "near" we mean within 9 metres or about 30 feet or 2 car-lengths.
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp15< [#ASK ALL Panel A]

[r] There should be a law that says parents cannot smoke inside their home [n]
[r] if children are living there?
[n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp35< [#ASK ALL Panel A][#back 2015]

[r] Which of the following comes closest to your view of how we should treat [n]
[r] tobacco products in Ontario:
[n]

[r] 1) tobacco products should be sold in a number of different places, AS [n]
[r] THEY ARE NOW;
[n]
[r] 2) tobacco products should be sold in government-

owned stores similar to [n]
[r] the way alcohol is sold in LCBO stores; or
[n]
[r] 3) tobacco products should not be sold at all?
[n]

1-3 enter choice

d Don't Know r Refused
@

[@] <1,2,3,d,r>

>tp35ec< [#ASK ALL Panel A only][#New2015]

[r] Which of the following comes closest to your view of
how we should treat [n]
[r] electronic cigarettes or E-CIGARETTES in Ontario:
[n]

[r] 1) E-CIGARETTES should be sold in a number of
different places, AS [n]
[r] THEY ARE NOW;
[n]
[r] 2) E-CIGARETTES should be sold only in
pharmacies [n]
[r] 3) E-CIGARETTES should be sold in government-
owned stores similar to [n]
[r] the way alcohol is sold in LCBO stores; or
[n]
[r] 4) E-CIGARETTES should be sold only in "vape
shops", which specialize in [n]
[r] e-cigarettes [n]
[r] 5) E-CIGARETTES should not be sold at all?
[n]

1-5 enter choice

d Don't Know r Refused
@

[@] <1-5,d,r>

>tp102< [#ASK ALL Panel A] [#new 2012]

[r] Currently in Ontario, there are no restrictions on
Waterpipe smoking. [n]
[r] Which of the following comes closest to your view
about where waterpipe [n]
[r] smoking should be allowed. Would you say:
[n]

[r] 1) Allowed INDOORS and OUTDOORS, as it is now;
[n]
[r] 2) Banned INDOORS in all public places;
[n]
[r] 3) Banned INDOORS and OUTDOORS on patios of
restaurants and bars? [n]

[bold][yellow]
Interviewer, if asked: waterpipe is also known as hookah
or shisha.
[n][white]

1-3 enter answer

0 don't know what a waterpipe is

d Don't Know r Refused
@

[@] <1-3,0,d,r>

>tp1b< [# ASK ALL] [#revised 2012]

[r] Raising taxes on cigarettes has been shown to be
effective in reducing [n]
[r] smoking. Do you think that taxes on cigarettes should be
increased, [n]
[r] decreased, or remain the same?
[n]

1 increased
3 decreased
5 remain the same

d Don't Know r Refused
@

[@] <1,3,5,d,r>

>tp39a< [#ASK ALL Panel A]

[r] The number of retail outlets that sell cigarettes should be
greatly reduced. [n]
[r] Do you strongly agree, somewhat agree, somewhat
disagree or strongly disagree?[n]

1 strongly agree
3 somewhat agree
5 somewhat disagree
7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp5a< [#ASK ALL Panel A]

[r] Cigarettes should be sold in plain packages that show
only health warnings, [n]
[r] ingredients and brand name as a way of discouraging
smoking among youth [n]
[r] and children? [n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat

disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d don't know r refused
@

[@] <1,3,5,7,d,r>

>tp54c< [#revised 2014 from t54b]

[r] Movies that show characters smoking should be rated
18A, which means [n]
[r] persons under 18 must be accompanied by an adult.
[n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat
disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp108< [#NEW 2016] [#ASK ALL Panel A]

[r] In Ontario, it is an offence to sell tobacco to anyone
under the age of 19. [n]
[r] The law should be changed so that tobacco can't be sold
to anyone under [n]
[r] the age of 21. [n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat
disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp42< [# new interviewer note 2010]

[r] The Ontario government should sue tobacco companies
for health care costs [n]
[r] that result from tobacco smoking.
[n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat
disagree or strongly disagree?
[n][white]

[bold][yellow]
Interviewer if asked: Yes, the Ontario government is
suing tobacco companies
for health care costs that result from tobacco smoking.
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp103< [define <d><8>][define <r><9>] [#NEW2014]

[r] The use of electronic or E-CIGARETTES should be
banned in settings currently[n]
[r] covered by "smoke free" legislation such as indoor
public places and [n]
[r] workplaces? [n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat
disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp104< [define <d><8>][define <r><9>] [#NEW2014]

[r] Some tobacco products can have different flavours such
as menthol, [n]
[r] strawberry, coffee, or wine.
[n]

[r] Please tell us if you strongly agree, somewhat agree,
somewhat disagree or [n]

[r] strongly disagree with the following statement:
[n]

[r] Flavours should be banned in all tobacco products.
[n]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

0 R says ALL tobacco should be banned (DO NOT READ)

d Don't Know r Refused
@

[@] <1,3,5,7,0,d,r>

>tp104ec< [define <d><8>][define <r><9>] [#NEW2015]
[#ASK all panel A only]

[r] Some E-CIGARETTES can have different flavours such as menthol, strawberry, [n]
[r] coffee, or wine. [n]

[r] Please tell us if you strongly agree, somewhat agree, somewhat disagree or [n]

[r] strongly disagree with the following statement:
[n]

[r] Flavours should be banned in all E-CIGARETTES.
[n]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

0 R says ALL tobacco should be banned (DO NOT READ)

d Don't Know r Refused
@

[@] <1,3,5,7,0,d,r>

>tp65< [#ASK ALL Panel A][#revised 2008][define <d><8>][define <r><9>]

[r] Some people feel that the sale of cigarettes should be banned while others [n]
[r] think they should continue to be sold. Do you think the SALE OF CIGARETTES [n]
[r] should be stopped as soon as possible, phased out over five to ten years, [n]
[r] or cigarettes should continue to be sold?
[n]

- 1 Stopped as soon as possible
- 3 Phased out over five to ten years
- 5 Cigarettes should continue to be sold

d Don't Know r Refused
@

[@] <1,3,5,d,r>

>tp105< [#NEW 2015] [#ASK ALL Panel A]

[r] The sale of E-CIGARETTES to youth under 19 years of age should be banned. [n]

[r] Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?[n]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>tp106< [#NEW 2015] [#ASK ALL Panel A]

[r] Some people think that there should be a law in Ontario that would ban the [n]

[r] sale of tobacco products FOREVER to people who are now teenagers, even [n]

[r] when they reach adulthood.
[n]

[r] Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?[n]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

[#===== E-Cigarette- Promotion-
ADVERTISING (new 2016) =====]

>tp74ec< [#new 2016] [# ASK Panel A]

[r] The next question is about e-cigarette advertising .
[n]

[r] In the PAST 30 DAYS, how often did you see ANY
ADVERTISING OF E-CIGARETTES [n]
[r] such as anything seen on billboards, on the internet, in a
newspaper or [n]
[r] magazine, or posted in bars or stores?
[n]

[r] Would you say: never, rarely, sometimes, often, or very
often? [n]

- 1 never
- 2 rarely (includes "almost never")
- 3 sometimes
- 4 often
- 5 very often (includes "always")

d don't know r refused
@

[@] <1-5,d,r>

[#===== PURCHASING
PROFILE (new 2008) =====]

>ck_tp75< [if SMOKE_FLAG eq <1>]
[goto int_prof][# ASK CURRENT SMOKERS
only]
[else]
[goto tp92]
[endif]

>int_prof<

[r] Now I would like to ask you some questions about the
last time you bought [n]
[r] cigarettes for your own use.
[n]

Press "Enter" to continue @

[@][nodata]

>tp79< [define <d><8>][define <r><9>][define <s><0>]

[r] Thinking about the last time you bought cigarettes for
your own use, [n]
[r] where did you buy them?
[n]

[bold][yellow]

Interviewer: please read the list. Code only one
option.[n][white]

[r] Did you buy them:
[n]

[r] 1 at a convenience store or small grocery store,
[n]

[r] 2 at a supermarket,
[n]

[r] 3 at a gas station, [n]

[r] 4 at a discount store, such as Costco, [n]

[r] 5 on a First Nations reserve,
[n]

[r] 6 out of a person's home or vehicle, or from someone
on the street, [n]

[r] 7 at a duty-free shop?
[n]

1-7 enter answer

s Other Specify
d Don't Know r Refused
@

[@] <1-7,d,r>
<s>[specify]

[#===== SOCIAL
ACCEPTABILITY OF SMOKING
=====]

[# ASK ALL - PANEL A ONLY, NEW 2010]

>tp92< [#new 2010][define <d><8>][define <r><9>]
[r] The next questions are about how YOU feel about
cigarette smoking. [n]

[r] What do YOU think about cigarette smoking among
ADULTS? [n]

[r] Do YOU think it is completely acceptable, somewhat
acceptable, somewhat [n]

[r] unacceptable, or completely unacceptable?
[n]

[bold][yellow]

Interviewer, if asked: if R says "it depends", say this
question is about
the GENERAL acceptability of smoking and is not
limited to special
circumstances, such as whether children are around, how
much they smoke,
where they smoke etc.
[n][white]

- 1 Completely acceptable
- 3 Somewhat acceptable
- 5 Somewhat unacceptable
- 7 Completely unacceptable

0 R insists that they are not sure, it depends
d Don't Know r Refused

@

[@] <1,3,5,7,0,d,r>

>tp93< [#new 2010]

[r] And what do YOU think about cigarette smoking among TEENAGERS? [n]

[bold][cyan]

Do YOU think it is completely acceptable, somewhat acceptable, somewhat unacceptable, or completely unacceptable?

[n][white]

[bold][yellow]

Interviewer, if R says "it depends", say this question is about

the GENERAL acceptability of smoking and is not limited to special circumstances

[n][white]

- 1 Completely acceptable
- 3 Somewhat acceptable
- 5 Somewhat unacceptable
- 7 Completely unacceptable

0 R insists that they are not sure, it depends,
d Don't Know r Refused

@

[@] <1,3,5,7,0,d,r>

>tp92a< [#new 2015]

[r] And what do YOU think about electronic cigarettes or e-cigarette smoking [n]

[r] among ADULTS?

[n]

[r] Do YOU think it is completely acceptable, somewhat acceptable, somewhat [n]

[r] unacceptable, or completely unacceptable?

[n]

[bold][yellow]

Interviewer, if asked: if R says "it depends", say this question is about the

GENERAL acceptability of smoking and is not limited to special circumstances

[n][white]

- 1 Completely acceptable
- 3 Somewhat acceptable
- 5 Somewhat unacceptable
- 7 Completely unacceptable

0 R insists that they are not sure, it depends
d Don't Know r Refused

@

[@] <1,3,5,7,0,d,r>

>tp93a< [#New 2015] [# ASK ALL - PANEL A ONLY]

[r] And what do YOU think about electronic cigarettes or e-cigarette smoking [n]

[r] among TEENAGERS?

[n]

[r] Do YOU think it is completely acceptable, somewhat acceptable, somewhat [n]

[r] unacceptable, or completely unacceptable?

[n]

[bold][yellow]

Interviewer, if asked: if R says "it depends", say this question is about the

GENERAL acceptability of smoking and is not limited to special circumstances.

[n][white]

- 1 Completely acceptable
- 3 Somewhat acceptable
- 5 Somewhat unacceptable
- 7 Completely unacceptable

0 R insists that they are not sure, it depends
d Don't Know r Refused

@

[@] <1,3,5,7,0,d,r>

[# ===== PERCEIVED RISK/HARM OF TOBACCO PRODUCTS =====] [#NEW 2013]

>int_tobrisk< [# ask ALL panel A only]

[r] In the next few questions we are interested in your opinion about the [n]

[r] effects of using tobacco and related products or being exposed to them. [n]

[r] Please tell me how much you think people risk harming themselves physically [n]

[r] and in other ways when they do each of the following: [n]

Press "Enter" to continue @

[@][nodata]

>tobrisk1< [define <d><8>][define <r><9>]

[r] How much do people risk harming themselves physically and in other ways when [n]

[r] they smoke cigarettes daily?

[n]

[r] Would you say no risk, slight risk, moderate risk, or

great risk? [n]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

d don't know r refused

@

[@] <1-4,d,r>

>tobrisk2< [define <d><8>][define <r><9>]

[r] How about when they smoke cigarettes once a week?
[n]

[r] Would you say no risk, slight risk, moderate risk, or
great risk? [n]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

d don't know r refused

@

[@] <1-4,d,r>

>tobrisk3< [define <d><8>][define <r><9>]

[r] How about when they smoke cigars or cigarillos once a
week? [n]

[r] Would you say no risk, slight risk, moderate risk, or
great risk? [n]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

7 Don't know what cigars or cigarillos are / never
heard of this

d don't know r refused

@

[@] <1-4,7,d,r>

>tobrisk4< [define <d><8>][define <r><9>]

[r] And how much do people risk harming themselves
physically and in other ways,[n]

[r] when they smoke a waterpipe or hookah once a week?
[n]

[bold][cyan]

Would you say no risk, slight risk, moderate risk, or great
risk?

[n][white]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

7 Don't know what a waterpipe is / never heard of this

d don't know r refused

@

[@] <1-4,7,d,r>

>tobrisk5< [define <d><8>][define <r><9>]

[r] How about when they use smokeless tobacco, such as
snus or chew, once a week?[n]

[bold][cyan]

Would you say no risk, slight risk, moderate risk, or great
risk?

[n][white]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

7 Don't know what smokeless tobacco is / never heard
of this

d don't know r refused

@

[@] <1-4,7,d,r>

>tobrisk6< [define <d><8>][define <r><9>]

[r] And how much do people risk harming themselves
physically and in other ways [n]

[r] when they are exposed to second hand smoke?
[n]

[bold][cyan]

Would you say no risk, slight risk, moderate risk, or great
risk?

[n][white]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

d don't know r refused

@

[@] <1-4,d,r>

>tobrisk7< [define <d><8>][define <r><9>]

[r] And how much do people risk harming themselves physically and in other ways [n]

[r] when they are exposed to third hand smoke? [n]

[bold][cyan]

Would you say no risk, slight risk, moderate risk, or great risk?

[n][white]

[bold][yellow]

Interviewer, if asked: Third-hand smoke is the residue left behind either on surfaces or in the air after tobacco has been smoked.

[n][white]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

d don't know r refused

@

[@] <1-4,d,r>

>tobrisk9< [define <d><8>][define <r><9>] [#NEW 2014]

[r] How much do people risk harming themselves physically and in other ways when [n]

[r] they smoke E-CIGARETTES daily?

[n]

[r] Would you say no risk, slight risk, moderate risk, or great risk? [n]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

d don't know r refused

@

[@] <1-4,d,r>

>end_tobacco<

[# ===== ALCOHOL CONSUMPTION (ALL Panels) =====]

>int1<

[r] Now I would like to ask you some questions about drinking alcohol. [n]

[r] In these questions, when we use the word "drink" it means one 341 ml or [n]

[r] 12 ounce bottle of beer or glass of draft, one 142 ml or 5 ounce glass of [n]

[r] wine, or one straight or mixed drink with 43 ml or one and a half ounces of [n]

[r] hard liquor. [n]

Press Enter to continue @

[@] [nodata]

>ac1< [define <d><8>][define <r><9>]

[r] During the past 12 months have you had a drink of any alcoholic beverage? [n]

[bold][yellow]

INTERVIEWER: Include light beer, but do NOT include fully dealcoholized beer.

[n][white]

1 Yes

5 No

d Don't Know r Refused

@

[@] <1> [goto ac5]

<5,d,r>

>ac2< [#asking non-current drinkers]

[r] Did you EVER have a drink of any alcoholic beverage?

[n]

1 Yes

5 No

d Don't Know

@

[@] <1> [goto ac3]

<5,d> [goto chek][#never drinkers skip out here]

>ac5< [#asking current drinkers] [define <d><98>][define <r><99>]

[r] How often, if ever, did you drink alcoholic beverages during the PAST TWELVE [n]

[r] MONTHS: would you say MORE than once a day, about every day, four to five [n]

[r] times a week, two to three times a week, once a week,

two to three times a [n]
[r] month, once a month, or less than once a month?
[n]

[yellow] INTERVIEWER: This means any type of alcohol. [n][white]

- 1 More than once a day
- 2 About every day (includes SIX times a week)
- 3 4 to 5 times a week
- 4 2 to 3 times a week
- 5 Once a week
- 6 2 to 3 times a month
- 7 Once a month
- 8 Less than once a month

d Don't Know r Refused
@

[@] <1-8,d,r>

>ac5a< [#all current drinkers]

[r] How often, if at all, did you drink alcoholic beverages during the PAST 30 [n]

[r] DAYS: would you say MORE than once a day, about every day, four to five [n]

[r] times a week, two to three times a week, once a week, two to three times [n]

[r] in the past month, once in the past month, or never in the past month? [n]

[yellow]

INTERVIEWER: This means any type of alcohol. [n][white]

- 1 More than once a day
- 2 About every day (includes SIX times a week)
- 3 4 to 5 times a week
- 4 2 to 3 times a week
- 5 Once a week
- 6 2 to 3 times in the past month
- 7 Once in the past month
- 8 Never in the past month

d Don't Know r Refused
@

[@] <1-8,d,r>

>ac6a<

[r] During the past 12 months, on those days when you drank, how many drinks did [n]

[r] you usually have?

[n]

[yellow]

Interviewer: by "drink" we mean one 341 ml or 12 ounce bottle of beer or glass of draft, one 142 ml or 5 ounce glass of wine, or one

straight or mixed drink with 43 ml or one and a half ounces of hard liquor.

Include light beer, but do NOT include fully dealcoholized beer.

[n][white]

1-96 Enter number of drinks

97 97 or more

d Don't Know r Refused
@

[@] <1-97,d,r>

>five< [#asking current drinkers][define <d><98>][define <r><99>]

[r] About how often DURING THE PAST TWELVE MONTHS would you say you had five or [n]

[r] more drinks at the same sitting or occasion: would you say every day, [n]

[r] almost every day, 3 or 4 times a week, once or twice a week, 2 or 3 times [n]

[r] a month, about once a month, 6 to 11 times a year, 1 to 5 times a year, [n]

[r] or never in the past year?

[n]

- 1 Every day
- 2 Almost every day
- 3 3 or 4 times a week
- 4 Once or twice a week
- 5 2 or 3 times a month
- 6 About once a month
- 7 6 to 11 times a year
- 8 1 to 5 times a year
- 9 Never in the past year

d Don't Know r Refused
@

[@] <1-8>
<9,d,r>

>ck_skip< [if gend eq <1> and five ge <9>][goto ac3][endif]

>four< [#NEW in 2005][#asking ONLY WOMEN current drinkers]

[if gend eq <1> goto five30]

[define <d><98>][define <r><99>]

[if panel eq <3> goto ac3] [# Panel A+B only][# PANEL C skip out]

[r] About how often DURING THE PAST TWELVE MONTHS would you say you had FOUR or [n]

[r] more drinks at the same sitting or occasion: would you say every day, about [n]

[r] every day, 3 or 4 times a week, once or twice a week, 2 or 3 times a month, [n]
[r] about once a month, 6 to 11 times a year, 1 to 5 times a year, or never in [n]
[r] the past year? [n]

- 1 Every day
- 2 About every day
- 3 3 or 4 times a week
- 4 Once or twice a week
- 5 2 or 3 times a month
- 6 About once a month
- 7 6 to 11 times a year
- 8 1 to 5 times a year
- 9 Never in the past year

d Don't Know r Refused
@

[@] <1-8,d,r>
<9>[goto ac3]

>five30< [# ask if five eq 1 - 8]
[if panel eq <3> goto ac3] [# Panel A+B only,
PANEL C skip out]

[r] Now what about the PAST 30 DAYS, on about how many of these days did you [n]
[r] have five or more drinks on the same occasion?
[n]

0-30 Enter number of days

d Don't Know r Refused
@

[@] <1-30,0,d,r>

>ac3< [#asking former drinkers AND (current drinkers who do not drink five once a week)]
[if five ge <1> and five le <4>][goto ac10][endif]
[define <d><8>] [define <r><9>]

[r] Was there ever a time in your life when you drank five or more drinks [n]
[r] on one occasion at LEAST ONCE A WEEK?
[n]

- 1 yes
- 5 no

d don't know r refused
@

[@] <1,5,d,r>

=====
===== PAST 7 DAYS DRINKING (LRDG)
=====

>ac10< [#ASKING CURRENT DRINKERS][define <d><8>][define <r><9>] [#back 2016]
[if panel eq <1> or panel eq <3>][goto exit_week][endif]
[# Panel B only][# PANEL A and C skip out]

[r] Thinking back over the past 7 days, we would like to ask you how many drinks[n]
[r] you had each day.
[n]

0 Did not have any drinks in the past 7 days

1 Continue

d don't know r refuse
@

[@] <1>
<0,d,r> [goto exit_week]

>WHEEL_DATE< [allow 8][setdate WHEEL_DATE] [# initialize]

>WHEEL_DAY< [allow 10][store <> in WHEEL_DAY]
[datestring dayname from WHEEL_DATE into WHEEL_DAY]

>LAST_DAY< [allow 10][store <> in LAST_DAY]

>YESTERDAY< [allow 10][store <> in YESTERDAY]
[if WHEEL_DAY is <Monday>][store <Sunday> in YESTERDAY][endif]
[if WHEEL_DAY is <Tuesday>][store <Monday> in YESTERDAY][endif]
[if WHEEL_DAY is <Wednesday>][store <Tuesday> in YESTERDAY][endif]
[if WHEEL_DAY is <Thursday>][store <Wednesday> in YESTERDAY][endif]
[if WHEEL_DAY is <Friday>][store <Thursday> in YESTERDAY][endif]
[if WHEEL_DAY is <Saturday>][store <Friday> in YESTERDAY][endif]
[if WHEEL_DAY is <Sunday>][store <Saturday> in YESTERDAY][endif]

>start_wheel<

[r] Let's start with yesterday and work our way back through the week. So [n]
[r] yesterday was [fill YESTERDAY]...
[n]

press enter to continue @

[@][nodata]

>D001< [if WHEEL_DAY is <Monday>][goto

```

Sunday][endif] [#intday Mon]
  [if WHEEL_DAY is <Tuesday>][goto
Monday][endif] [#intday Tues]
  [if WHEEL_DAY is <Wednesday>][goto
Tuesday][endif] [#intday Wed]
  [if WHEEL_DAY is <Thursday>][goto
Wednesday][endif] [#intday Thur]
  [if WHEEL_DAY is <Friday>][goto Thursday][endif]
[#intday Fri]
  [if WHEEL_DAY is <Saturday>][goto Friday][endif]
[#intday Sat]
  [if WHEEL_DAY is <Sunday>][goto Saturday][endif]
[#intday Sund]

```

```
>Sunday< [define <d><98>][define <r><99>]
```

```
[r] How many drinks did you have on Sunday?
[n]
```

```

0 none
1-29 enter number of drinks
30 thirty or more drinks

```

```
d don't know      r refused
```

```
@
```

```
[@] <0,1-30,d>
<r> [goto exit_week]
```

```
>D002< [if Sunday ge <1> and Sunday le <30> and
LAST_DAY is <>]
  [store <Sunday> in LAST_DAY]
  [endif]
  [if WHEEL_DAY eq <Sunday>][goto
exit_week][endif]
  [goto Saturday]

```

```
>Saturday< [define <d><98>][define <r><99>]
```

```
[r] Saturday? [n]
```

```
[bold][cyan]
How many drinks did you have on Saturday?
[n][white]
```

```

0 none
1-29 enter number of drinks
30 thirty or more drinks

```

```
d don't know      r refused
```

```
@
```

```
[@] <0,1-30,d>
<r> [goto exit_week]
```

```
>D003< [if Saturday ge <1> and Saturday le <30> and
LAST_DAY is <>]
  [store <Saturday> in LAST_DAY]
  [endif]

```

```

  [if WHEEL_DAY eq <Saturday>][goto
exit_week][endif]
  [goto Friday]

```

```
>Friday< [define <d><98>][define <r><99>]
```

```
[r] Friday? [n]
```

```
[bold][cyan]
How many drinks did you have on Friday?
[n][white]
```

```

0 none
1-29 enter number of drinks
30 thirty or more drinks

```

```
d don't know      r refused
```

```
@
```

```
[@] <0,1-30,d>
<r> [goto exit_week]
```

```
>D004< [if Friday ge <1> and Friday le <30> and
LAST_DAY is <>]
  [store <Friday> in LAST_DAY]
  [endif]
  [if WHEEL_DAY eq <Friday>][goto
exit_week][endif]
  [goto Thursday]

```

```
>Thursday< [define <d><98>][define <r><99>]
```

```
[r] Thursday? [n]
```

```
[bold][cyan]
How many drinks did you have on Thursday?
[n][white]
```

```

0 none
1-29 enter number of drinks
30 thirty or more drinks

```

```
d don't know      r refused
```

```
@
```

```
[@] <0,1-30,d>
<r> [goto exit_week]
```

```
>D005< [if Thursday ge <1> and Thursday le <30> and
LAST_DAY is <>]
  [store <Thursday> in LAST_DAY]
  [endif]
  [if WHEEL_DAY eq <Thursday>][goto
exit_week][endif]
  [goto Wednesday]

```

```
>Wednesday< [define <d><98>][define <r><99>]
```

```
[r] Wednesday?
[n]
```

```
[bold][cyan]
How many drinks did you have on Wednesday?
[n][white]

0 none
1-29 enter number of drinks
30 thirty or more drinks

d don't know      r refused

@

[@]<0,1-30,d>
<r> [goto exit_week]

>D006< [if Wednesday ge <1> and Wednesday le <30>
and LAST_DAY is <>]
    [store <Wednesday> in LAST_DAY]
    [endif]
    [if WHEEL_DAY eq <Wednesday>][goto
exit_week][endif]
    [goto Tuesday]
```

```
>Tuesday< [define <d><98>][define <r><99>]

[r] Tuesday? [n]
```

```
[bold][cyan]
How many drinks did you have on Tuesday?
[n][white]

0 none
1-29 enter number of drinks
30 thirty or more drinks

d don't know      r refused

@

[@]<0,1-30,d>
<r> [goto exit_week]
```

```
>D007< [if Tuesday ge <1> and Tuesday le <30> and
LAST_DAY is <>]
    [store <Tuesday> in LAST_DAY]
    [endif]
    [if WHEEL_DAY eq <Tuesday>][goto
exit_week][endif]
    [goto Monday]
```

```
>Monday< [define <d><98>][define <r><99>]

[r] Monday? [n]
```

```
[bold][cyan]
How many drinks did you have on Monday?
[n][white]

0 none
```

```
1-29 enter number of drinks
30 thirty or more drinks
```

```
d don't know      r refused
```

```
@
```

```
[@]<0,1-30,d>
<r> [goto exit_week]
```

```
>D008< [if Monday ge <1> and Monday le <30> and
LAST_DAY is <>]
    [store <Monday> in LAST_DAY]
    [endif]
    [if WHEEL_DAY eq <Monday>][goto exit_week][endif]
    [goto Sunday]
```

```
>exit_week<
```

```
[# ===== AUDIT, ASK ALL Panels
=====]
```

```
>int_audit< [if ac2 eq <1> goto chek][#former drinkers
skip audit]
```

```
[r] The next few questions are about possible problems you
might have had [n]
[r] in the PAST 12 MONTHS regarding the use of alcohol.
[n]
```

```
Press "Enter" to continue @
```

```
[@][nodata]
```

```
>aud4< [define <d><8>][define <r><9>][# current
drinkers only]
```

```
[r] How often during the past 12 months have you found
that you were not able [n]
[r] to stop drinking once you had started?
[n]
```

```
[r] Never, less than monthly, monthly, weekly, or daily or
almost daily? [n]
```

```
0 never
```

```
1 less than monthly
2 monthly
3 weekly
4 daily or almost daily
```

```
d Don't Know      r Refused
```

```
@
```

```
[@]<0,1-4,d,r>
```

>aud5<

[r] How often during the past 12 months have you failed to do what was normally [n] expected from you because of drinking? [n]

[bold][cyan] Never, less than monthly, monthly, weekly, or daily or almost daily? [n][white]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused @

[@] <0,1-4,d,r>

>aud6<

[r] How often [n]

[bold][cyan] during the past 12 months [n][white]

[r] have you needed a first ALCOHOLIC drink in the morning to get yourself [n] going after a heavy drinking session? [n]

[bold][cyan] Never, less than monthly, monthly, weekly, or daily or almost daily? [n][white]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused @

[@] <0,1-4,d,r>

>aud7<

[r] How often [n]

[bold][cyan] during the past 12 months [n][white]

[r] have you had a feeling of guilt or remorse after drinking? [n]

[bold][cyan] Never, less than monthly, monthly, weekly, or daily or almost daily? [n][white]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused @

[@] <0,1-4,d,r>

>aud8<

[r] How often [n] during the past 12 months [n][white]

[r] have you been unable to remember what happened the night before because [n] you had been drinking? [n]

[bold][cyan] Never, less than monthly, monthly, weekly, or daily or almost daily? [n][white]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused @

[@] <0,1-4,d,r>

>aud9< [#asking current drinkers only] [define <d><8>] [define <r><9>]

[r] Have you or someone else EVER been injured as a result of your drinking? [n]

[bold][yellow] INTERVIEWER: if R says "yes", ask "was this in the past 12 months?" [n][white]

- 1 Yes, but not in the past 12 months
- 2 Yes, during the past 12 months

```

5 no

d Don't Know    r Refused
@

[@] <1,2,5,d,r>

>aud0< [#asking current drinkers only]
    [define <d><8>] [define <r><9>]

[r] Has a relative or friend or a doctor or other health
worker EVER been    [n]
[r] concerned about your drinking or suggested you cut
down?                [n]

[bold][yellow]
INTERVIEWER: if r says "yes", ask "was this in the
past 12 months?"
[n][white]

    1 Yes, but not in the past 12 months
    2 Yes, during the past 12 months

5 no

d Don't Know    r Refused
@

[@] <1,2,5,d,r>

>chek< [allow 1][store <> in chek]
    [if ac1 eq <5>][store <1> in chek][endif] [#non
drinker]

>end_alcohol<

[##### ALCOHOL POLICY, PANEL B ONLY
=====]

[##### Alcohol in Grocery Stores, added in 2015,
REVISED 2016=]
[# moved to PANEL B =====]

>int_alcgs< [if panel eq <1> or panel eq <3>][goto
end_ags][endif]
    [if ac1 gt <1> goto ags5a][# ags1 - ags4 ASK
CURRENT DRINKERS only]

[r] Now I would like to ask you some questions about
alcoholic beverages that [n]
[r] you might have bought for your own use IN ONTARIO.
[n]

    Press "Enter" to continue @

[@][nodata]

```

```

>ags1< [# ASK CURRENT DRINKERS only][define
<d><98>][define <r><99>]

[r] In the past 30 days, how many times, if at all, did you
buy any alcoholic [n]
[r] beverage from a liquor store, beer store, wine store or
any other store [n]
[r] that sells alcohol in Ontario?
[n]

[bold][yellow]
    Interviewer, if necessary: any LCBO store, LCBO
Agency Store, Beer Store or
Wine Store.
    Interviewer, if necessary: any alcoholic beverages such as
beer, wine, cider,
distilled spirits, coolers, sherry, port or vermouth.
[n][white]

    0 Never

    1-30 Enter number of times

    d don't know    r refused
    @

[@] <1-30>
    <0,d,r> [goto ags5a]

>ags2a< [#if ags1=1 -30][define <d><8>][define <r><9>]

[r] Now I would like to ask you some questions about the
LAST TIME you bought [n]
[r] alcohol at any store that sells alcohol in Ontario.
[n]

[r] Thinking of this last time you bought alcohol, did you
buy any beer or wine?[n]

[bold][yellow]
    Interviewer: a liquor store, beer store, wine store or any
other store
[n][white]

    1 Yes, both beer and wine
    2 Yes, Beer only
    3 Yes, Wine only
    5 No, did not buy either

    d don't know    r refused
    @

[@]<1,2>
    <3>[goto ags3b]
    <5,d,r>[goto ags5a]

>ags3a< [#if 1,2] [#ASK ONLY if ags2a=1 OR 2]

[r] Thinking of this last time you bought BEER, where did

```

you buy it from? [n]

[bold][yellow]

If respondents answers: Loblaw's, Metro, etc. please enter "4 - grocery store"

If necessary: LCBO Agency Stores are outlets approved by the LCBO, typically

located within general stores in remote or rural locations. [n][white]

- 1 LCBO store (including LCBO agency stores)
- 2 Beer Store
- 3 Brewery (or stores within a Brew Pub)
- 4 Grocery store
- 5 Other

d don't know r refused
@

[@]<1-4,d,r>
<5>[specify]

>ags3b< [if ags2a eq <2>][goto ags4][endif] [#ASK ONLY if ags2a=1 OR 3]

[r] Thinking of this last time you bought WINE, where did you buy it from? [n]

[bold][yellow]

If necessary: Wine stores such as wine kiosks in grocery stores or "Wine Rack" stores.

If respondents answers: Loblaw's, Metro, etc. please enter "2 - wine store".

If necessary: LCBO Agency Stores are outlets approved by the

LCBO, typically located within general stores in remote or rural locations. [n][white]

- 1 LCBO store (including LCBO agency stores)
- 2 Wine Store
- 3 Winery
- 4 Farmer's Market
- 5 Other

d don't know r refused
@

[@]<1-4,d,r>
<5>[specify]

>ags4< [define <d><998>][define <r><999>]

[if ags2a eq <1>]

[r] And about how much did you spend in total on beer and wine? [n]

[else][if ags2a eq <2>]

[r] And about how much did you spend in total on beer? [n]

[else][if ags2a eq <3>]

[r] And about how much did you spend in total on wine? [n]

[endif all]

[bold][yellow]

Interviewer if necessary: the last time you bought beer or wine at a store in Ontario (in Canadian dollars.)

[n][white]

1-996 enter \$

d Don't Know r Refused
@

[@]<1-996,d,r>

>ags5a< [#ASK ALL][define <d><8>][define <r><9>]

[r] Next, please tell me if you strongly agree, somewhat agree, somewhat

disagree or strongly disagree with the following statements. [n]

[r] It would be easier for a person who already HAD TOO MUCH TO DRINK, [n]

[r] or who was already DRUNK to buy beer or wine in a grocery store than [n]

[r] in a liquor, beer or wine store. [n]

[bold][cyan]

Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?

[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>ags6a< [#ASK ALL]

[r] It would be easier for an UNDERAGE person to buy beer or wine in [n]

[r] a grocery store than in a liquor, beer or wine store. [n]

[bold][yellow]

Interviewer if necessary: someone who is not of legal age to buy alcohol in Ontario (18 years or younger).

[n][white]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>ags7a< [#ASK ALL]

[r] Selling beer or wine in grocery stores add additional temptations for heavy [n] drinkers, alcoholics and former heavy drinkers or alcoholics to buy alcohol [n] than is currently the case in a liquor, beer or wine store.
[n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>ags8a< [#ASK ALL]

[r] Being able to buy beer or wine in grocery stores would make you buy [n] more alcohol than you do now.
[n]

[r] Would you say definitely yes, probably yes, probably not, definitely not? [n]

- 1 definitely yes
- 2 probably yes
- 3 probably not
- 4 definitely not

7 Do do not drink/buy alcohol

d don't know r refused
@

[@] <1-4,7,d,r>

>end_ags<

[#== **PERCEIVED RISK of using cannabis items**
(Asked 2008-2010, back 2014)====]
[# == Panel A+ B only ==]

>int_crisk< [if panel eq <3> goto end_crisk][# PANEL C skip out]

[r] In the next questions we are interested in your opinion about the effects of [n] using cannabis. Please tell me how much you think people risk harming [n] themselves when they do each of the following:
[n]

Press "Enter" to continue @

[@][nodata]

>crisk1< [define <d><8>][define <r><9>]

[r] How much do people risk harming themselves physically and in other ways when [n] they smoke marijuana once a month?
[n]

[r] Would you say no risk, slight risk, moderate risk, or great risk? [n]

- 1 no risk
- 2 slight risk
- 3 moderate risk
- 4 great risk

d don't know r refused
@

[@] <1-4,d,r>

>crisk2<

[r] How much do people risk harming themselves physically and in other ways when [n] they smoke marijuana once or twice a week?
[n]

[bold][cyan]
Would you say no risk, slight risk, moderate risk, or great risk?
[n][white]

- 1 no risk

- 2 slight risk
- 3 moderate risk
- 4 great risk

d don't know r refused
@

[@] <1-4,d,r>

>end_crisk< [allow 1][store <1> in end_crisk]

[# =====**DRIVING**=====]
[# ===== PANEL B ONLY =====]

>drive< [if panel eq <1> or panel eq <3>][goto end_driv][endif][# PANEL A +C skip out]
[define <d><8>][define <r><9>]

[r] The next questions are related to driving.
[n]
[r] During the past 12 months, have you driven a car, van, truck, motorcycle, [n]
[r] tractor, or any other type of motor vehicle?
[n]

[bold][yellow]
INTERVIEWER: please also include motor vehicles such as motorboats, Seadoo, Skidoo, ATVs, etc.
[n][white]

- 1 yes
- 5 no

d don't know r refused
@

[@] <1>
<5,d,r> [goto end_driv]

[# ===== **KM-MILES** =====]
[#==How much you drive ==]

>dr1< [define <d><9998>][define <r><9999>]
[open dr1]

[r] Now I would like to ask you how much you drive in a typical WEEK. Please [n]
[r] think of all the driving you do. Remember to count any driving you have [n]
[r] done in a car, motorcycle, truck or van. Count driving you did in vehicles [n]
[r] you own, borrowed, rented or use for work.
[n]

[r] On average, about how many kilometres or miles do you

drive in a typical week?[n]

[bold][yellow]
Interviewer: Use 0 for none, and r for refused. If R is having trouble, can't answer, says that it is too difficult a question etc. use "d" for don't know.
[n][white]

Enter number of miles here @miles

Enter number of kilometres here @kilo

[@miles][optional] <r> [goto dr5]
<0>
<d> [goto dr1b]
<1-9996> [goto dr5]
[@kilo] [optional] <0>
<1-9996> [goto dr5]

>check_err< [define <d><8>][define <r><9>]

[bold][yellow]
INTERVIEWER: You have indicated that the respondent drives ZERO miles or kilometres a week. Is this correct?
[n][white]

- 1 yes, correct
 - 5 no, mistake
- @

[@] <5> [goto dr1]
<1>
[store <0> in dr1@miles]
[store <0> in dr1@kilo]
[goto dr5]

>dr1b< [define <d><8>][define <r><9>]

[r] Well, to start would it be easier for you to think about how much you drive [n]
[r] in kilometers or miles?
[n]

- 1 Kilometres
- 5 Miles

d don't know/can't answer/too difficult etc.
r refused
@

[@] <1>
<5> [goto dr1d]
<d,r> [goto dr5]

>dr1c<

[r] We don't need the exact amounts, but can you give your best guess at how many[n]

[r] kilometres you drive in a typical week: would it be less than 10 km, 11 to [n]
[r] 100 km, 101 to 500 km, 501 to 1000 km , or more than 1000 km? [n]

- 1 10 or less
- 2 11 to 100
- 3 101 to 500
- 4 501 to 1000
- 5 more than 1000

d don't know r refused
@

[@] <1-5,d,r> [goto dr5]

>dr1d<

[r] We don't need the exact amounts, but can you give your best guess at how many[n]
[r] miles you drive in a typical week: would it be less than 10 miles, 11 to [n]
[r] 50 miles, 51 to 100 miles, 101 to 200 miles, or more than 200 miles? [n]

- 1 10 or less
- 2 11 to 50
- 3 51 to 100
- 4 101 to 200
- 5 more than 200

d don't know r refused
@

[@] <1-5,d,r>

[# ==COLLISION ==]

[# == PANEL B ONLY ==]

>dr5< [define <d><98>][define <r><99>]

[r] DURING THE PAST 12 MONTHS, how many times, if at all, were you involved in [n]
[r] an accident or collision involving any kind of damage or injury to you or [n]
[r] another person or vehicle while you were driving?
[n]

0 never

- 1-9 Enter number of times
- 10 ten times or more

d Don't Know r Refused
@

[@]<0,1-10,d,r>

[# ===== DRINKING & DRIVING
=====]

[# ==PANEL B ONLY==]

>dd1< [define <d><8>][define <r><9>]
[if chek eq <1> goto drtext1] [#not a current drinker]

[r] During the past 12 months, have you driven a motor vehicle after having two [n]
[r] or more drinks in the previous hour?
[n]

- 1 yes
- 5 no

7 don't drive

d don't know r refused
@

[@] <1>
<5,7,d,r>

[# ===== TEXTING AND DRIVING =====]

>drtext1< [define <d><8>][define <r><9>]

[r] During the past 12 months, did you ever SEND OR READ a text message or [n]
[r] an email while you were driving a vehicle?
[n]

- 1 yes
- 5 no

7 don't drive

d don't know r refused
@

[@] <1>
<5,7,d,r> [goto end_driv]

>drtext2< [define <d><98>][define <r><99>]

[r] How many times in THE PAST 30 DAYS?
[n]

[bold][cyan]

Did you SEND OR READ a text message or an email while you were driving a vehicle?
[n][white]

0 never

1-96 Enter number of times

97 97 or more times

d Don't Know r Refused
@

[@] <0,1-97,d,r>

>end_driv<

[#===== CANNABIS CONSUMPTION ==]
[# ASK ALL PANELS =====]

>cn1< [define <d><8>] [define <r><9>][#ask all]

[r] Some people use cannabis, marijuana or hash in private,
with friends, or in [n]
[r] other situations. Have you EVER IN YOUR LIFETIME
used CANNABIS, MARIJUANA [n]
[r] or HASH? [n]

1 Yes
5 No

d don't know r refused
@

[@] <1>
<5,d,r>[goto candep]

>cn2< [define <d><98>] [define <r><99>][#FOR
CANNABIS USERS]

[r] How many times, if any, have you used cannabis,
marijuana or hash during the[n]
[r] PAST TWELVE months: would you say more than
once a day, about every day, [n]
[r] four to five times a week, two to three times a week,
once a week, two to [n]
[r] three times a month, once a month, less than once a
month or never? [n]

1 more than once a day
2 about every day (includes six times a week)
3 4 to 5 times a week
4 2 to 3 times a week
5 once a week
6 2 to 3 times a month
7 once a month
8 less than once a month
9 never

d don't know r refused
@

[@] <1-8>
<9,d,r> [goto candep]

>reg1< [define <d><98>] [define <r><99>] [#asked 1998,
1999][#ASK only past 12 months CANNABIS USERS]

[r] In the past 12 months have you ever used cannabis,
marijuana or hash to [n]
[r] manage pain, nausea, glaucoma, the symptoms of
multiple sclerosis, or [n]
[r] any other medical condition?
[n]

1 Yes
5 No

d don't know r refused
@

[@] <1>
<5,d,r> [goto cnvap]

>medcan< [define <d><8>][define <r><9>] [#new
2014][#ask only if reg1 =1]

[r] In the past 12 months, did you have medical approval to
use cannabis, [n]
[r] marijuana or hash for medical purposes?
[n]

1 Yes
5 No

d don't know r refused
@

[@] <1,5,d,r>

>cnvap< [#NEW 2016] [define <d><98>] [define
<r><99>][#ASK past 12 m CANNABIS USERS]
[#ASK Panel A + B only]
[if panel eq <3> goto candrive][# Panel C skip out]

[r] Now, a question on vaporization. In the past 12 months
have you ever used [n]
[r] any form of cannabis (e.g., marijuana, hash, etc.) by way
of vaporization? [n]

[bold][yellow]
Interviewer, if necessary: by using a vaporizer, a vape
pipe,
an e-cigarette, a hookah pen or e-hookah?
[n][white]

1 yes
5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r>

```
>tp107< [define <d><98>] [define <r><99>] [#NEW
2015][#ASK Panel A + B only]
[#ASK only past 12 months CANNABIS USERS]
```

```
[r] In the past 12 months have you ever used CANNABIS,
marijuana or hash mixed [n]
[r] with TOBACCO at the same time?
[n]
```

- 1 Yes
- 5 No

- d don't know r refused

@

```
[@] <1>
<5,d,r>
```

```
[# from here Panel B ONLY ][# Panel A+C skip out]
```

```
>candrive< [#FOR past 12 months cannabis users]
[if cn1 gt <1> goto end_can][#never used]
[if cn2 ge <9>][goto end_can][endif][# not used in
last 12 months]
[if panel eq <1> or panel eq <3>][goto
candep][endif][#PANEL A+C skip out]
```

```
>cdr1< [#ask only drivers, PANEL B ONLY] [if drive gt
<1> goto candep] [#FOR CANNABIS USERS]
[define <d><8>][define <r><9>]
```

```
[r] During the PAST 12 MONTHS, have you driven a
motor vehicle within an hour [n]
[r] of using cannabis, marijuana or hash?
[n]
```

- 1 yes
- 5 no

- 7 I do not drive

- d don't know r refused

@

```
[@] <1>
<5,7,d,r> [goto candep]
```

==== CANNABIS DEPENDENCE

```
=====]
[# ==PANEL B ONLY==]
```

```
[# Panel A+C skip out]
```

```
>candep< [#FOR past 12 months cannabis users]
[if panel eq <1> or panel eq <3>][goto
end_can][endif][# PANEL A+C skip out]
[if cn1 gt <1> goto end_can][#never used]
[if cn2 ge <9>][goto end_can][endif][# not used in last
12 months]
```

====WHO-ASSIST == new 2004 =====

```
>can3m< [define <d><8>] [define <r><9>]
[#ask past 12m cannabis users]
```

```
[r] How often have you used cannabis, marijuana or hash
during the PAST [n]
[r] THREE months: would you say never, once or twice,
once a month, 2-3 times [n]
[r] a month, once a week, 2-3 times a week, 4 to 5 times a
week, daily or [n]
[r] almost daily? [n]
```

- 0 never
- 1 once or twice
- 2 once a month
- 3 2-3 times a month
- 4 once a week
- 5 2-3 times a week
- 6 4 to 5 times a week
- 7 daily or almost daily

d don't know r refused
@

```
[@] <1-7>
<0,d,r> [goto end_can]
```

```
>cn30< [#NEW in 2005][#ask if can3m=1-6]
```

```
[r] And what about the PAST 30 DAYS? How often have
you used cannabis, [n]
[r] marijuana or hash during the PAST 30 DAYS: would
you say never, once or [n]
[r] twice, less than monthly, monthly, weekly, daily or
almost daily? [n]
```

- 0 never
- 1 once or twice
- 2 less than monthly
- 3 monthly
- 4 weekly
- 5 daily or almost daily

d don't know r refused

@

[@] <0,1-5,d,r>

>int_cnas< [#ASK ONLY PAST 3 MONTHS
CANNABIS USERS]

[r] The next few questions are about possible problems you
might have had [n]
[r] in the PAST 3 MONTHS regarding the use of cannabis,
marijuana or hash. [n]

Press "Enter" to continue @

[@][nodata]

>cnas1<

[r] During the PAST 3 MONTHS, how often have you had
a strong desire or urge [n]
[r] to use cannabis, marijuana or hash? Would you say:
never, once or twice, [n]
[r] monthly, weekly, daily or almost daily?
[n]

0 never

- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused
@

[@] <0,1-4,d,r>

>cnas2<

[r] During the PAST 3 MONTHS, how often has your use
of cannabis, marijuana or [n]
[r] hash led to health, social, legal or financial problems?
[n]

[bold][cyan]

Would you say: never, once or twice, monthly, weekly,
daily or almost daily?
[n][white]

0 never

- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused

@

[@] <0,1-4,d,r>

>cnas3<

[r] During the PAST 3 MONTHS, how often have you
failed to do what was normally [n]
[r] expected of you because of your use of cannabis,
marijuana or hash? [n]

[bold][cyan]

Would you say: never, once or twice, monthly, weekly,
daily or almost daily?
[n][white]

0 never

- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused
@

[@] <0,1-4,d,r>

>cnas4<

[r] Has a friend, relative, a doctor or anyone else ever
expressed concern about [n]
[r] your use of cannabis, marijuana or hash? Would you
say: yes, within the past [n]
[r] 3 months; yes, but not in the past 3 months; or no, not at
all? [n]

- 1 Yes, but not in the PAST 3 MONTHS
- 3 Yes, during the PAST 3 MONTHS

5 no, not at all

d don't know r refused
@

[@] <1,3,5,d,r>

>cnas5<

[r] Have you EVER TRIED AND FAILED to control, cut
down or stop using cannabis, [n]
[r] marijuana or hash? Would you say: yes, within the past
3 months; yes, but [n]
[r] not in the past 3 months; or no, not at all?
[n]

- 1 Yes, but not in the PAST 3 MONTHS
- 3 Yes, during the PAST 3 MONTHS

5 no, not at all

d don't know r refused
@

[@] <1,3,5,d,r>

>end_can< [allow 1][store <1> in end_can]

[# === CANNABIS POLICY - NEW 2014 ==]
[# ===PANEL B ONLY ===]

[# ===== Control of Cannabis Use
=====]

[# Panel A+C skip out]

>int_cnp< [if panel eq <1> or panel eq <3>][goto
end_canpol][endif][# PANEL A+C skip out]

[r] The next few questions are about appropriate control of
recreational [n]
[r] cannabis use in Canada. By cannabis, we mean
marijuana. [n]

[bold][yellow]
Interviewer, if necessary: We are interested in your
opinion even if you
have never used cannabis.
[n][white]

press enter to continue @

[@][nodata]

>cnp1< [define <d><8>][define <r><9>] [#new 2014]

[r] In your opinion, what would be the best way to control
or regulate personal [n]
[r] recreational cannabis use among adults in Canada?
Would you say that [n]
[r] cannabis use should: (READ LIST, INCLUDING
NUMBER) [n]

[bold][yellow]
Interviewer: A criminal offense is an act punishable by
law. By fine,
we mean similar to a parking ticket, etc.
Interviewer, please read answers.
[n][white]

- 1 be defined as a criminal offense, and be subjected to
criminal
enforcement, criminal penalty and criminal record
- 2 be defined as a non-criminal offense, and the penalty
should be a fine

3 result in no legal consequences, but in compulsory
education or treatment

4 result in no legal or other consequences at all

5 it depends (DO NOT READ)

d don't know r refused
@

[@] <1> [goto cnp7]
<2-5,d,r>

>cnp2<[define <d><8>][define <r><9>] [#new 2014]

[r] The next questions are about growing and selling
cannabis for personal [n]
[r] recreational use. [n]

[r] Do you think adults should be allowed to grow cannabis
for personal use [n]
[r] as long as it's in limited quantities and not shared or
sold? [n]

- 1 yes
- 5 no

d don't know r refused
@

[@] <1,5,d,r>

>cnp3< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think privately-run businesses should be
regulated and licensed to [n]
[r] grow cannabis?
[n]

- 1 yes
- 5 no

d don't know r refused
@

[@] <1,5,d,r>

>cnp4< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think government agencies should be regulated
and licensed to [n]
[r] grow cannabis?
[n]

- 1 yes
- 5 no

d don't know r refused

@
[@] <1>
<5,d,r> [goto cnp5]

>cnp4a< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think the government should be the only producer of cannabis? [n]

- 1 yes
- 5 no

d don't know r refused

@

[@] <1,5,d,r>

>cnp5< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think the sale of cannabis should be regulated by the government [n]

[r] and only sold in certain places, similar to liquor stores? [n]

- 1 yes
- 5 no

d don't know r refused

@

[@] <1,5,d,r>

>cnp6< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think the sale of cannabis should be done by privately-run stores [n]

[r] that are licensed to sell cannabis?

[n]

- 1 yes
- 5 no

d don't know r refused

@

[@] <1,5,d,r>

>cnp7< [#ASK only never-users or non-users past 12 months]

[if cn2 ge <1> and cn2 le <8>][goto

end_canpol][endif]

[define <d><8>][define <r><9>] [#new 2016]

[r] If recreational cannabis use was legalized tomorrow, do you think you will [n]

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[r] use cannabis in any form during the next 12 months? [n]

[r] Would you say definitely yes, probably yes, probably not, definitely not? [n]

- 1 definitely yes
- 2 probably yes
- 3 probably not
- 4 definitely not

d don't know r refused

@

[@] <1-4,d,r>

>cnp8< [loc 54/35] [#NEW July 2016][#ASK only past 12 m CANNABIS USERS]

[r] If cannabis for recreational use is legalized tomorrow, **WHERE would you [n]**

[r] prefer it to be legally sold or be legally available? [n]

[bold][yellow]

Interviewer, if necessary: Please choose only ONE of the following (your PREFERRED place).

[n][white]

- 1 in LCBO stores
- 2 in pharmacies
- 3 by mail order from licensed producers
- 4 in licensed community stores (similar to current dispensaries)
- 5 cannabis grown in your own home

6 other, please specify

d don't know r refused

@

[@][vstate 62/45] <1-5,d,r>
<6>[specify]

>cnp9< [#NEW 2016] [#ASK ALL]

[r] If cannabis for recreational use is legalized tomorrow, which of the [n]

[r] following areas do you see as the **MOST IMPORTANT PRIORITY** for the [n]

[r] government to focus their intervention efforts on? [n]

[bold][yellow]

Interviewer, if necessary: Interventions are actions taken by a government in order to affect with decisions made by individuals or groups; and include prevention, treatment, enforcement efforts.

- 1 Young people's mental or brain health as affected by cannabis use
- 2 Cannabis use and driving/traffic accidents
- 3 Harm to others from second-hand cannabis smoke
- 4 Cannabis dependence/treatment
- 5 Illegal cannabis growing and /or selling ("black market")
- 6 Other, please specify
- 7 None

d don't know r refused
@

[@][vstate 62/46] <1-5,7,d,r>
<6>[specify]

>end_canpol<

[# ===== COCAINE USE (ASK ALL, Panel B+C only)
=====]

>ck1< [define <d><8>] [define <r><9>]
[if panel eq <1> goto end_ck][# PANEL A skip out]

[r] Some people use COCAINE in social settings with friends, while others use it[n]
[r] for its stimulant properties. Have you EVER IN YOUR LIFETIME used COCAINE? [n]

1 yes
5 no

d don't know r refused
@

[@] <1>
<5,d,r> [goto end_ck]

>ck2r< [define <d><98>][define <r><99>]

[r] Was this in the past 12 months?
[n]

1 yes
5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

>end_ck<

[# ===== ECSTASY USE (ASK ALL, Panel B only)
=====]

>xt1< [define <d><8>] [define <r><9>][# ask all Panel B][#asked 2000-2004, back 2016]
[if panel eq <1> or panel eq <3>][goto end_xt][endif][# PANEL A +C skip out]

[r] Have you EVER used the drug MDMA, more commonly known as "Ecstasy", even [n]
[r] once IN YOUR LIFE?
[n]

[bold][yellow]
INTERVIEWER: MDMA = Methylene-Dioxy-Met-Amphetamine
[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1>
<5,d,r> [goto end_xt]

>xt2r< [define <d><8>][define <r><9>]

[r] Was this in the past 12 months?
[n]

1 yes
5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

>end_xt<

===== TRAUMATIC BRAIN INJURY (TBI)=====

== PANEL (B+C) ==] [# new 2011, REVISED 2015]

>int_tbi< [if panel eq <1> goto end_tbi][# Panel A skip out]

[r] The next questions are about head injuries that you may have had in your life.[n]
[r] We are interested in any head injury that resulted in you being unconscious [n]
[r] (knocked out) for at least 5 minutes, or you had to stay in the hospital [n]
[r] for at least 1 night because of it.
[n]

Press "Enter" to continue @

[@][nodata]

>tbi1< [define <d><98>][define <r><99>]

[r] How many times, if ever IN YOUR LIFE, have you had a head injury like this? [n]

0 Never
1-10 Enter exact number

d Don't Know r Refused
@

[@] <1-10>
<0,d,r> [goto end_tbi]

>tbi2< [define <d><8>][define <r><9>]

[r] Did you have this type of head injury during the past 12 months? [n]

1 yes
5 no

d don't know r refused
@

[@] <1>
<5,d,r>

>tbi3a< [define <d><98>][define <r><99>][#New 2015]

[if tbi1 eq <1>][#if tbi1=1]
[r] How old were you when your head injury happened?
[n]
[else][#for ISR: if tbi1 ge 2 AND tbi1 le 10]
[r] How old were you when your most recent head injury

happened? [n]
[endif]

1-97 Enter age

d Don't Know r Refused
@

[@] <1-97,d,r>

>tbi3b< [define <s><0>] [#revised 2015]

[if tbi1 eq <1>][#if tbi1=1]
[r] And what was the cause of your head injury?
[n]
[else][#for ISR: if tbi1 ge 2 AND tbi1 le 10]
[r] And what was the cause of your most recent head injury? [n]
[endif]

[bold][yellow]
Interviewer, if asked: If this happened more than once, think about the last time it happened.
[n][white]

- 1 Motor vehicle accident
- 2 Other vehicle accident (such as a snowmobile, ATV, tractor)
- 3 Bicycle accident
- 4 Fight
- 5 Sports injury (such as team sports, snowboarding, skiing, etc.)
- 6 Fell down
- 7 Hit by an object

s Other, specify
d don't know r refused
@

[@] <1-7,d,r>
<s>[specify]

>end_tbi<

MENTAL HEATH - KESSLER K6 - NEW
2014, revised 2015 ==]
##PANEL B +C ONLY ==]

>int4< [if panel eq <1> goto end_kessl] [# Panel A skip out]

[r] The next questions are about how you have been feeling during the past 30 days.[n]

[bold][yellow]
Interviewer: if asked, even if you are healthy and had no medical complaints
I would still like to ask all questions for completeness.
[n]
[n][white]

Press "Enter" to continue @

[@][nodata]

>k1< [define <d><8>][define <r><9>]

[r] During the past 30 days, how often did you feel nervous? All of the time, [n]
[r] most of the time, some of the time, a little of the time, or none of the [n]
[r] time? [n]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k2<

[r] During the past 30 days, how often did you feel hopeless? [n]

[bold][cyan]
all of the time, most of the time, some of the time, a little of the time,
or none of the time?
[n][white]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k3<

[r] During the past 30 days, how often did you feel restless or fidgety? [n]

[bold][cyan]
all of the time, most of the time, some of the time, a little of the time,
or none of the time?
[n][white]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k4< [define <d><8>][define <r><9>]

[r] How often did you feel so depressed that nothing could cheer you up? [n]

[bold][cyan]
all of the time, most of the time, some of the time, a little of the time,
or none of the time?
[n][white]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k5< [define <d><8>][define <r><9>]

[r] During the past 30 days, how often did you feel that everything was an effort?[n]

[bold][cyan]
all of the time, most of the time, some of the time, a little of the time,
or none of the time?

```
[n][white]
    1 All of the time
    2 Most of the time
    3 Some of the time
    4 A little of the time
    5 None of the time

    d don't know    r refused
    @
```

```
[@] <1-5,d,r>
```

```
>k6< [define <d><8>][define <r><9>]
```

```
[r] During the past 30 days, how often did you feel
worthless? [n]
```

```
[bold][cyan]
    all of the time, most of the time, some of the time, a little
    of the time,
    or none of the time?
[n][white]
```

```
    1 All of the time
    2 Most of the time
    3 Some of the time
    4 A little of the time
    5 None of the time

    d don't know    r refused
    @
```

```
[@] <1-5,d,r>
```

```
>end_kessl<
```

```
[# ==SUICIDE== New 2012]]
[# ==PANEL B +C ONLY ==]
```

```
>suic1< [if panel eq <1> goto end_suic] [# Panel A skip
out]
    [define <d><8>][define <r><9>] [#new 2012]
```

```
[r] In the PAST 12 MONTHS, did you ever seriously
consider attempting suicide? [n]
```

```
    1 yes
    5 no

    d Don't Know    r Refused
    @
```

```
[@] <1>
<5,d,r> [goto end_suic]
```

```
>suic2< [define <d><8>][define <r><9>]
```

```
[r] In the PAST 12 MONTHS, did you actually attempt
suicide? [n]
```

```
    1 yes
    5 no

    d Don't Know    r Refused
    @
```

```
[@] <1,5,d,r>
```

```
>end_suic<
```

```
[# ===== FINANCIAL STRESS/DEBT, PANEL
B+C ONLY [#NEW 2014]=====]
[# Panel A skip out]
```

```
>int_fstr< [if panel eq <1> goto end_dstres]
    [define <d><8>][define <r><9>]
```

```
[r] The next questions are about financial stress that your
household [n]
[r] might have felt in the past 12 months. Please think of
all debt [n]
[r] your household might have, including mortgages, credit
cards, [n]
[r] home equity loans, car loans, etc.
[n]
```

```
    Press "Enter" to continue @
```

```
[@][nodata]
```

```
>dstres1< [# ASK ALL] [#new 2014]
```

```
[r] In general, how often do you worry about the total
amount you owe in [n]
[r] overall debt, if any? Would you say all of the time,
most of the time, [n]
[r] some of the time, rarely, or not at all?
[n]
```

```
[bold][yellow]
    Interviewer, if necessary: Please think of all debt you
    might have,
    including mortgages, credit cards, home equity loans, car
    loans, etc.
[n][white]
```

```
    1 All of the time
    2 Most of the time
    3 Some of the time
    4 Rarely
    5 Not at all

    7 Don't have any debt
```

d don't know r refused
 @

[@]<1-5>
 <7,d,r> [goto end_dstres]

>dstres2< [# ASK only those who answered 1 through 5 at
 dstres1] [#new 2014]

[r] In the past 12 months, how much stress did you feel
 because of your total [n]
 [r] debt, if any? Would you say a great deal of stress, quite
 a bit of stress, [n]
 [r] some stress, very little stress or no stress at all?
 [n]

[bold][yellow]
 Interviewer, if necessary: Please think of all debt you
 might have,
 including mortgages, credit cards, home equity loans, car
 loans, etc.
 [n][white]

1 a great deal
 2 quite a bit
 3 some
 4 very little
 5 no stress at all

7 Don't have any debt

d don't know r refused
 @

[@]<1-5>
 <7,d,r> [goto end_dstres]

>dstres3< [#ASK only those who answered 1 through 5 at
 dstres2] [#new 2014]

[r] How concerned are you that you will never be able to
 pay off these debts? [n]
 [r] Would you say extremely concerned, quite concerned,
 somewhat concerned, [n]
 [r] not very concerned, or not at all concerned?
 [n]

1 Extremely concerned
 2 Quite concerned
 3 Somewhat concerned
 4 Not very concerned
 5 Not at all concerned

7 Don't have any debt

d don't know r refused
 @

[@] <1-5,7,d,r>

>end_dstres<

[# ===== PSYCHOTHERAPEUTICS
 =====]
 [# === PANEL B +C ONLY ===]

>int2< [#ask all][if panel eq <1> goto end_psy][# Panel A
 skip out]

[r] The next set of questions are about various types of
 prescription [n]
 [r] medications - medications that are prescribed by a
 doctor or psychiatrist. [n]

Press "Enter" to continue @

[@][nodata]

>ps11< [#ask all] [define <d><8>] [define <r><9>]

[r] In the past 12 months, have you taken any prescription
 medication to reduce [n]
 [r] anxiety or panic attacks?
 [n]

1 yes
 5 no

d don't know r refused
 @

[@] <1,5,d,r>

>ps16< [# ask all] [define <d><8>] [define <r><9>]

[r] In the past 12 months, have you taken any prescription
 medication to treat [n]
 [r] depression? [n]

1 yes
 5 no

d don't know r refused
 @

[@] <1,d>
 <5,r>

>end_psy<

[#===== PAIN RELIEVERS (revised 2010)
=====]
[# === PANEL B +C ONLY ===]

>Int_pr< [# items revised 2010][if panel eq <1> goto
end_pr1][# Panel A skip out]

[r] The next few questions are about your use of various
pain relievers in [n]
[r] the past 12 months. We are NOT interested in
REGULAR, over the counter [n]
[r] pain relievers such as Aspirin, Advil, Tylenol, that can
be bought in drug [n]
[r] stores or grocery stores WITHOUT a doctor's
prescription. [n]

[r] In these questions, by PAIN RELIEVERS, we mean
those that are obtained by [n]
[r] a PRESCRIPTION from a doctor or dentist (such as
Percocet, Percodan, [n]
[r] Demerol, OxyContin, or Tylenol #3 or other products).
[n]

Press "Enter" to continue @

[@][nodata]

>po1< [define <d><98>] [define <r><99>] [#new 2010]

[r] In the past 12 months how many times, if at all, have
you used ANY such [n]
[r] pain relievers WITH A PRESCRIPTION or because a
doctor told you to take them?[n]
[r] Would you say never, 1 or 2 times, 3 to 5 times, 6 to 9
times, 10 to 19 [n]
[r] times, 20 to 39 times, 40 times or more often?
[n]

[bold][yellow]
Interviewer if asked: we mean pain relievers available by
prescription OR from
any other source.

Such pain relievers include:
Endocet Morphine sulphate Pethidine
Robaxacet 8
Codeine Contin Fiorinal Oxycodone-IR (instant
release)
Demerol Hydromorph Contin Oxycontin
Robaxisal
Dilaudid Kadian Percocet Tylenol #2,
#3 or #4
Duragesic MS Contin Percodan
[n][white]

1 1 or 2 times
2 3 to 5 times
3 6 to 9 times
4 10 to 19 times
5 20 to 39 times
6 40 or more times

9 Never

d Don't Know r Refused
@

[@] <1-6,9,d,r>

>po2< [define <d><98>] [define <r><99>] [#new 2010]

[r] In the past 12 months how many times, if at all, have
you used ANY such [n]
[r] pain relievers WITHOUT A PRESCRIPTION or
without a doctor telling you to [n]
[r] take them? [n]

[bold][cyan]
Would you say never, 1 or 2 times, 3 to 5 times, 6 to 9
times, 10 to 19 times,
20 to 39 times, 40 times or more often?
[n][white]

[bold][yellow]
Interviewer if asked: we mean pain relievers available by
prescription OR from
any other source.

Such pain relievers include:
Endocet Morphine sulphate Pethidine
Robaxacet 8
Codeine Contin Fiorinal Oxycodone-IR (instant
release)
Demerol Hydromorph Contin Oxycontin
Robaxisal
Dilaudid Kadian Percocet Tylenol #1,
#2, #3 or #4
Duragesic MS Contin Percodan
[n][white]

1 1 or 2 times
2 3 to 5 times
3 6 to 9 times
4 10 to 19 times
5 20 to 39 times
6 40 or more times

9 Never
d Don't Know r Refused
@

[@] <1-6>

```

<9,d,r>[goto end_pr1]

>pr7< [# ASK all users without prescription, if po2 eq 1-6]
[#new 2010]
  [define <d><8>] [define <r><9>]

[r] During the past 12 months, did you ever use pain
relievers for the feelings [n]
[r] it caused or to get high?
[n]

  1 yes
  5 no

  d don't know    r refused
  @

```

```
[@] <1,5,d,r>
```

```
>end_pr1<
```

```
[#Panel B only from here] [# Panel A+C skip out]
```

```
[#==DRIVING and PO use==]
```

```
[#==we need to count "all users" of PR ( PR user=1) here ]
```

```

[#== Driving and Use of Prescription Pain
Relievers==Panel B only ]
[#ASK Only PR users who are drivers - PR user=1&
drive=1, po1=1-6 or po2-1-6]

```

```

>ck_dpo< [if panel eq <1> or panel eq <3>][goto
end_pr][endif][# Panel A+C skip out]
  [if (po1 ge <1> and po1 le <6>) or (po2 ge <1> and
po2 le <6>)]
    [if drive eq <1>]
      [goto dpo1]
    [else]
      [goto end_pr]
  [endif all]

```

```

>dpo1< [if drive gt <1>][goto end_pr][endif][#add in Jan.
12, 2010]
  [if po1 ge <9> and po2 ge <9>][goto
end_pr][endif][#add in July 9, 2013]
  [define <d><8>][define <r><9>] [#new 2010]

```

```

[r] During the past 12 months, have you driven a motor
vehicle after taking [n]
[r] any prescription pain relievers in the previous hour?
[n]

```

```

[bold][yellow]
  Interviewer, if asked: by motor vehicle we mean car,
truck, van, motorcycle,

```

```

boat, or snowmobile.
[n][white]

  1 yes
  5 no

  7 don't drive

  d don't know    r refused
  @

```

```
[@] <1,5,7,d,r>
```

```

>end_pr< [allow int 1]
  [store <1> in end_pr]

```

```

[# ===== ADHD Block - (Panel C only), new in 2011, back
2015 =====]
[# Panel A+B skip out]

```

```

>int_adh< [if panel eq <1> or panel eq <2>][goto
end_adh][endif][#Panel A+B skip out]

```

```

[r] The next set of questions are about difficulties with
attention or [n]
[r] concentration that some people might experience at
home, work or school. [n]

```

```
Press "Enter" to continue @
```

```
[@][nodata]
```

```
>adh1< [define <d><8>][define <r><9>]
```

```

[r] In the past 6 MONTHS, how often have you had trouble
wrapping up the final [n]
[r] details of a project, once the challenging parts have been
done? [n]

```

```

[r] Would you say: never, rarely, sometimes, often, or very
often? [n]

```

```

[bold][yellow]
  Interviewer: this could be a project at home, work or
school.
[n][white]

```

```

  1 never
  2 rarely (includes 'almost never')
  3 sometimes
  4 often
  5 very often (includes 'always')

```

```

  d don't know    r refused
  @

```

[@] <1-5,d,r>

>adh2<

[r] In the past 6 MONTHS, how often have you had difficulty getting things in [n]

[r] order when you have to do a task that requires organization? [n]

[r] Would you say: never, rarely, sometimes, often, or very often? [n]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh3<

[bold][cyan] In the past 6 months [n][white]

[r] How often have you had problems remembering appointments or obligations? [n]

[bold][cyan]
Would you say: never, rarely, sometimes, often, or very often? [n][white]

[bold][yellow]
Interviewer: (if necessary) please think about any type of appointments or obligations you might have at home, work or school.
[n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh4<

[bold][cyan] In the past 6 months [n][white]

[r] When you have had a task that requires a lot of thought, how often have you [n]

[r] avoided or delayed getting started?
[n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often? [n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh5<

[bold][cyan] In the past 6 months [n][white]

[r] How often have you fidgeted or squirmed with your hands or feet when you [n]

[r] have to sit down for a long time?
[n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often? [n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>adh6<

[bold][cyan] In the past 6 months [n][white]

[r] How often have you felt overly active and compelled to do things, like you [n]

[r] were driven by a motor?
[n]

[bold][cyan]

Would you say: never, rarely, sometimes, often, or very often? [n][white]

- 1 never
- 2 rarely (includes 'almost never')
- 3 sometimes
- 4 often
- 5 very often (includes 'always')

d don't know r refused
@

[@] <1-5,d,r>

>end_adh<

[#===== ADVERSE LIFE EXPERIENCE, NEW
2015 =====]

[# Panel A skip out]

>ace1< [#asking all Panel B+C] [#changed in 2016]
[if panel eq <1>][goto end_abuse_child][endif]
[define <d><8>] [define <r><9>]

[r] When you were a child (aged 16 or younger) did you
ever experience serious [n]
[r] emotional, physical, or sexual abuse or trauma that was
perpetrated by [n]
[r] a family member or by someone else?
[n]

[bold][yellow]
INTERVIEWER: if r says "yes", ask "by a family
member or by someone else?"
[n][white]

- 1 Yes, by a family member
- 2 Yes, by someone else
- 3 Yes, by a family member and someone else

5 no (never)

d Don't Know r Refused
@

[@] <1,2,3>
<5,d,r> [goto end_abuse_child]

>ace1a< [#asking if ace1 = YES]
[define <d><8>] [define <r><9>]

[r] Did the abuse you mentioned happen frequently?
[n]

- 1 yes
- 5 no

d don't know r refused
@

[@] <1,5,d,r>

>end_abuse_child<

>ace2< [#changed in 2016 - ask Panel B +C]
[if panel eq <1>][goto end_abuse][endif]
[define <d><8>] [define <r><9>]

[r] As an adult (aged 18 and older) have you EVER
experienced serious emotional,[n]

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[r] physical, or sexual abuse or trauma that was perpetrated
by a family member [n]
[r] or by someone else?
[n]

[bold][yellow]
INTERVIEWER: if r says "yes", ask "by a family
member or by someone else?"
[n][white]

- 1 Yes, by a family member
- 2 Yes, by someone else
- 3 Yes, by a family member and someone else

5 no (never)

d Don't Know r Refused
@

[@] <1,2,3>
<5,d,r> [goto end_abuse]

>ace2a< [#asking if ace2 = YES]
[define <d><8>] [define <r><9>]

[r] Did the abuse you mentioned happen frequently?
[n]

- 1 yes
- 5 no

d don't know r refused
@

[@] <1,5,d,r>

>end_abuse<

[#===== GAMBLING ASK - Panel C only
=====]

[#===== Types of GAMBLING [# asked 2005]
=====]

[# ASK ALL panel C]

>g_int< [if panel eq <1> or panel eq <2>][goto
end_gambling][endif][#Panel A+B skip out]

[r] Next, we would like to ask you a few questions about
gambling. [n]

Press "Enter" to continue @

[@][nodata]

>g1< [define <d><8>] [define <r><9>]

[r] In the past twelve months, how often, on average, did you buy LOTTERY [n]

[r] tickets, such as "6-49", Super 7, or INSTANT LOTTERY tickets like scratch [n]

[r] and win, pull-tabs, instant bingo?

[n]

[r] Would you say once a day, two to six times a week, about once a week, [n]

[r] two to three times a month, about once a month, or less than once a [n]

[r] month? [n]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month
- 7 never (don't read)

d don't know r refused

@

[@] <1-7,d,r>

>g2<

[r] In the past twelve months, how often, on average, did you buy SPORTS SELECT [n]

[r] OR PRO LINE tickets?

[n]

[r] Would you say once a day, two to six times a week, about once a week, two to [n]

[r] three times a month, about once a month, or less than once a month? [n]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month
- 7 never (don't read)

d don't know r refused

@

[@] <1-7,d,r>

>g3<

[r] In the past twelve months, how often, on average, did you SPEND MONEY [n]

[r] PLAYING BINGO not including instant bingo?

[n]

[r] Would you say once a day, two to six times a week, about once a week, two [n]

[r] to three times a month, about once a month, or less than once a month? [n]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month
- 7 never (don't read)

d don't know r refused

@

[@] <1-7,d,r>

>g4<

[bold][cyan]

In the past 12 months,

[n][white]

[r] how often, on average, did you BET MONEY ON HORSE RACING? [n]

[bold][cyan]

Would you say once a day, two to six times a week, about once a week, two

to three times a month, about once a month, or less than once a month?

[n][white]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month
- 7 never (don't read)

d don't know r refused

@

[@] <1-7,d,r>

>g53b< [#NEW 2015]

[r] In the past 12 months, how often, on average, did you BET OR SPEND [n]

[r] MONEY ON "Taptix" or "Play on Demand" games in any type of BINGO hall? [n]

[r] Would you say once a day, two to six times a week, about once a week, two [n]

[r] to three times a month, about once a month, or less than once a month? [n]

[bold][yellow]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month

7 never (don't read)
d don't know r refused
@

[@] <1-6,d>
<7,r>

>g53a< [#revised 2015]

[r] In the past 12 months, how often, on average, did you
BET OR SPEND MONEY ON [n]
[r] slot machines or other electronic gambling machines in
any type of CASINO? [n]

[r] Would you say once a day, two to six times a week,
about once a week, two [n]
[r] to three times a month, about once a month, or less than
once a month? [n]

[bold][yellow]
Interviewer: please do not include games in Bingo halls.
[n][white]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month

7 never (don't read)
d don't know r refused
@

[@] <1-6,d>
<7,r>

>g54a< [#revised 2015]

[bold][cyan]
In the past 12 months,
[n][white]

[r] how often, on average, did you BET OR SPEND
MONEY ON table games (such as [n]
[r] poker, roulette, blackjack, etc.) in any type of CASINO?
[n]

[bold][cyan]
Would you say once a day, two to six times a week, about
once a week, two
to three times a month, about once a month, or less than

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once a month?
[n][white]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month
- 7 never (don't read)

d don't know r refused
@

[@] <1-6,d>
<7,r>

>g7< [define <d><8>][define <r><9>]

[bold][cyan]
In the past 12 months,
[n][white]

[r] not counting card games at Casinos or over the Internet,
how often, [n]
[r] on average, did you BET MONEY ON CARD GAMES
you were playing in? [n]

[bold][cyan]
Would you say once a day, two to six times a week, about
once a week, two
to three times a month, about once a month, or less than
once a month?

[n][white]
[bold][yellow]
Interviewer: includes private card games.
[n][white]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month
- 7 never (don't read)

d don't know r refused @

[@] <1-7,d,r>

>g8<
[bold][cyan]
In the past 12 months,
[n][white]

[r] how often, on the average, did you BET MONEY on
SPORTS or in [n]
[r] a SPORT POOL whether or not you were playing the
sport yourself? [n]

[bold][cyan]

Would you say once a day, two to six times a week, about once a week, two to three times a month, about once a month, or less than once a month?
[n][white]

[bold][yellow]

Interviewer: please, do not includes pro-line or other sports lottery betting.
[n][white]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month
- 7 never (don't read)

d don't know r refused @

[@] <1-7>
<d,r>

>g9<

[r] In the past 12 months, how often did you BET any MONEY over the INTERNET? [n]

[r] Would you say once a day, two to six times a week, about once a week, two to [n] three times a month, about once a month, or less than once a month? [n]

[bold][yellow]

IF NEEDED: "Do not include buying or selling stocks over the Internet."
[n][white]

- 1 once a day (or more often)
- 2 2 to 6 times a week
- 3 about once a week
- 4 2 to 3 times a month
- 5 about once a month
- 6 Less than once a month
- 7 never (don't read)

d don't know r refused
@

[@] <1-6> [#if YES GO TO g9a]
<7,d,r> [goto MONEY_SPENT]

>g9a< [#NEW 2015] [#ASK if YES to g9][define
<d><98>][define <r><99>]

[r] What kind of gambling games do you usually play when you BET over the INTERNET?[n]

[bold][yellow] Interviewer: Enter FIRST mention only

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here [n][white]

- 1 blackjack
- 2 slot machines
- 3 roulette
- 4 craps
- 5 poker
- 6 sports bets
- 7 lottery
- 8 baccarat
- 9 other (specify)

d don't know r refused
@

[@] <1-8>
<9> [specify]
<d,r> [goto g9d]

>g9b<

[bold][yellow] Interviewer: Enter SECOND mention only here [n][white]

- 1 blackjack
- 2 slot machines
- 3 roulette
- 4 craps
- 5 poker
- 6 sports bets
- 7 lottery
- 8 baccarat
- 9 other (specify)

97 no second mention
d don't know r refused
@

[@] <1-8>
<9> [specify]
<97,d,r> [goto g9d]

>g9c<

[bold][yellow] Interviewer: Enter THIRD mention only here [n][white]

- 1 blackjack
- 2 slot machines
- 3 roulette
- 4 craps
- 5 poker
- 6 sports bets
- 7 lottery
- 8 baccarat
- 9 other (specify)

97 no second mention
d don't know r refused

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@

[@] <1-8>
<9> [specify]
<97,d,r>

>g9d< [#if YES to g9][#NEW 2015][define
<d><8>][define <r><9>]

[r] In the past 12 months, have you BET any MONEY over
the INTERNET at [n]
[r] the "OLG website"
[n]

[bold][yellow]
Interviewer: OLG is the Ontario Lottery and Gaming
Corporation
[n][white]

1 yes
5 no

7 never heard of an OLG website

d Don't Know r Refused
@

[@] <1,5,7,d,r>

>MONEY_SPENT< [allow int 2] [# ASK all respondents
who answered 1 to 6 in 1 or more of g1 to g9]
[store <0> in MONEY_SPENT]

[if g1 ge <1> and g1 le <6>][add <1> to
MONEY_SPENT][endif]
[if g2 ge <1> and g2 le <6>][add <1> to
MONEY_SPENT][endif]
[if g3 ge <1> and g3 le <6>][add <1> to
MONEY_SPENT][endif]
[if g4 ge <1> and g4 le <6>][add <1> to
MONEY_SPENT][endif]
[if g53b ge <1> and g53b le <6>][add <1> to
MONEY_SPENT][endif]
[if g53a ge <1> and g53a le <6>][add <1> to
MONEY_SPENT][endif]
[if g54a ge <1> and g54a le <6>][add <1> to
MONEY_SPENT][endif]
[if g7 ge <1> and g7 le <6>][add <1> to
MONEY_SPENT][endif]
[if g8 ge <1> and g8 le <6>][add <1> to
MONEY_SPENT][endif]
[if g9 ge <1> and g9 le <6>][add <1> to
MONEY_SPENT][endif]

[if MONEY_SPENT ge <1>]
[goto g10]
[else]
[goto g11]

[endif]

>g10< [define <d><999998>][define <r><999999>]

[r] Including lotteries, bingo, horse racing, card playing,
casino betting and [n]
[r] all other games and betting, about how much money
have you spent [n]
[r] IN TOTAL on games of chance during the PAST 30
DAYS? [n]

0-999997 enter full amount (include thousands)

d don't know r refused
@

[@] <0-999997>
<d,r>

>g11< [# ask all R's this item] [define <d><8>][define
<r><9>]

[r] In your LIFETIME, would you say you spent no money,
between ONE and NINETY [n]
[r] NINE dollars, between ONE HUNDRED dollars and
NINE HUNDRED AND NINETY NINE [n]
[r] dollars, or more than a thousand dollars on things like
lotteries, bingo, [n]
[r] horse racing, card playing, casino betting and all other
games and betting? [n]

0 no money
1 between 1-99 dollars
3 between 100 dollars and 999 dollars
5 more than \$1,000

d Don't Know r Refused
@

[@] <0,1,3,5,d,r>

[# Age of onset gambling] [#NEW 2015]

>g12< [# ask gamblers only] [#respondents who answered
1 to 6 in 1 or more of g1 to g9 - MONEY_SPENT ge <1>]
[if MONEY_SPENT lt <1> goto PROBLEMS]
[define <d><98>][define <r><99>]

[r] How old were you when you first started gambling?
[n]

5-70 Enter age

71 71 or older

d Don't Know r Refused
@

[@] <5-71,d,r>

```
[#For ISR : please CHECK the skips]
>PROBLEMS< [allow int 1][store <0> in PROBLEMS]
```

```
    [if (g11 eq <3> or g11 eq <5>) and
MONEY_SPENT ge <1>]
    [store <1> in PROBLEMS]
    [endif]
```

[# ==PGSI = GAMBLING PROBLEMS - PAST 12 MONTHS [# asked 2005] =====]

```
[#if PROBLEMS eq <1>]
[# ASK ONLY IF G11 GE 3 -- THEY'VE SPENT
MORE THAN $100 IN
#THEIR LIFETIME ON GAMBLING AND DONE
ANYTHING IN THE PAST 12 MONTHS
[#respondents who answered 1 to 6 in 1 or more of g1 to
g9]
```

```
>ROUTE_nts< [if PROBLEMS eq <1>]
    [goto Intro_gb]
[else]
    [goto int_gr][# skips gambling problems]
[endif]
```

>Intro_gb<

```
[r] The next few questions are about possible problems you
might have had in [n]
[r] the PAST 12 MONTHS regarding your gambling.
[n]
```

Enter to continue @

[@][nodata]

[# ===== PGSI, Problem Gambling Severity Index =====]

```
>cpgi1< [define <d><8>][define <r><9>]
```

```
[r] IN THE PAST 12 MONTHS, how often have you bet
more than you could really [n]
[r] afford to lose? [n]
```

```
[r] Would you say never, some of the time, most of the
time, or all of the time?[n]
```

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused
@

[@] <1,2,3,4,d,r>

>cpgi2<

```
[bold][cyan] IN THE PAST 12 MONTHS,[n][white]
```

```
[r] how often have you needed to gamble with larger
[n]
[r] amounts of money to get the same feeling of
excitement? [n]
```

```
[bold][cyan]
Would you say never, some of the time, most of the time,
or all of the time?
[n][white]
```

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused
@

[@] <1,2,3,4,d,r>

>cpgi3<

```
[bold][cyan] IN THE PAST 12 MONTHS, [n][white]
```

```
[r] when you gambled, how often did you go back another
day to try to win back [n]
[r] the money you lost?
[n]
```

```
[bold][cyan]
Would you say never, some of the time, most of the time,
or all of the time?
[n][white]
```

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused
@

[@] <1,2,3,4,d,r>

>cpgi4<

```
[bold][cyan] IN THE PAST 12 MONTHS, [n][white]
[r] how often have you borrowed money or sold anything to
get money to gamble? [n]
```

```
[bold][cyan]
```

Would you say never, some of the time, most of the time, or all of the time?
[n][white]

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused
@

[@] <1,2,3,4,d,r>

>cpgi5<

[r] IN THE PAST 12 MONTHS, how often have you felt that you might have [n]
[r] a problem with gambling?
[n]

[r] Would you say never, some of the time, most of the time, or all of the time?[n]

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused
@

[@] <1,2,3,4,d,r>

>cpgi6<

[bold][cyan] IN THE PAST 12 MONTHS, [n][white]

[r] how often has gambling caused you any health problems, including stress or [n]
[r] anxiety? [n]

[bold][cyan]
Would you say never, some of the time, most of the time, or all of the time?
[n][white]

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused
@

[@] <1,2,3,4,d,r>

>cpgi7<

[bold][cyan] IN THE PAST 12 MONTHS, [n][white]
[r] how often have people criticized your betting or told you that you had a [n]
[r] gambling problem, regardless of whether or not you thought it was true? [n]

[bold][cyan]
Would you say never, some of the time, most of the time, or all of the time?
[n][white]

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused
@

[@] <1,2,3,4,d,r>

>cpgi8<

[bold][cyan] IN THE PAST 12 MONTHS,[n][white]

[r] how often has your gambling caused any financial problems for you or your [n]
[r] household?
[n]

[bold][cyan]
Would you say never, some of the time, most of the time, or all of the time?
[n][white]

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused
@

[@] <1,2,3,4,d,r>

>cpgi9<

[bold][cyan] IN THE PAST 12 MONTHS,[n][white]

[r] how often have you felt guilty about the way you gamble or what happens [n]
[r] when you gamble?
[n]

[bold][cyan]
Would you say never, some of the time, most of the time, or all of the time?

[n][white]

- 1 never (no)
- 2 some of the time
- 3 most of the time
- 4 all of the time (almost always)

d don't know r refused

@

[@] <1,2,3,4,d,r>

[# ===== REASONS FOR GAMBLING (Asked in SENIORS SURVEY 2013) =====]

[# ISR: Ask only gamblers] [#respondents who answered 1 to 6 in 1 or more of g1 to g9]

>int_gr< [if MONEY_SPENT lt <1> goto end_gambling]

[r] The next questions are about the MAIN REASONS some people use for gambling. [n]

[r] I am going to read you a list of reasons, and please tell me if any of [n]

[r] these reasons apply to you.

[n]

Press "Enter" to continue @

[@][nodata]

>gr1<

[r] Would you say you mainly gamble...

[n]

[r] to win money?

[n]

1 yes

5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>gr2<

[r] Would you say you mainly gamble...

[n]

[r] to escape or forget your worries?

[n]

1 yes

5 no

d Don't Know r Refused

@

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[@] <1,5,d,r>

>gr3<

[bold][cyan]

Would you say you mainly gamble...

[n][white]

[r] to fill time/ out of boredom?

[n]

1 yes

5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>gr4<

[bold][cyan]

Would you say you mainly gamble...

[n][white]

[r] to socialize with family/ friends/ other people?

[n]

1 yes

5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>gr5<

[bold][cyan]

Would you say you mainly gamble...

[n][white]

[r] it helps when feeling anxious or depressed?

[n]

1 yes

5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>gr6<

[bold][cyan]

Would you say you mainly gamble...

[n][white]

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[r] because I am addicted to gambling?
[n]

- 1 yes
- 5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>gr7<

[bold][cyan]

Would you say you mainly gamble...

[n][white]

[r] for excitement/entertainment/fun/enjoyment?

[n]

- 1 yes
- 5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

[# ===== **SETTING LIMITS FOR GAMBLING (**
ASKED 1997) =====]

>gsl1< [# ISR: Ask only gamblers]

[r] When you play games of chance or you gamble (any type), how often do you [n]

[r] keep to a spending limit?

[n]

[r] Would you say always, most of the time, about half of the time sometimes, [n]

[r] or never? [n]

- 1 always (all of the time)
- 2 most of the time
- 3 about half of the time
- 4 some of the time
- 5 never (no)

d don't know r refused

@

[@] <1,2,3,4,5,d,r>

[# ===== **SYSTEM FOR GAMBLING**
=====]

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>casino< [allow int 2] [# flag all respondents who answered 1 to 6 in g1, g2, g3, g53a, g53b, g54a]

[store <0> in casino]

[if g1 ge <1> and g1 le <6>][store <1> in casino][endif]

[if g2 ge <1> and g2 le <6>][store <1> in casino][endif]

[if g3 ge <1> and g3 le <6>][store <1> in casino][endif]

[if g53b ge <1> and g53b le <6>][store <1> in casino][endif]

[if g53a ge <1> and g53a le <6>][store <1> in casino][endif]

[if g54a ge <1> and g54a le <6>][store <1> in casino][endif]

>sys1< [# for ISR: ask only if "yes" to g1, g2, g3, g53a, g53b, g54a]

[if casino eq <0> goto card_games]

[define <d><8>][define <r><9>]

[r] When you play lotteries, bingo, slot machines or casino games, do you have [n]

[r] a system that increases your chances of winning?

[n]

- 1 yes
- 5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>card_games< [allow int 2][# flag all respondents who answered 1 to 6 in g4, g7, g8]

[store <0> in card_games]

[if g4 ge <1> and g4 le <6>][store <1> in card_games][endif]

[if g7 ge <1> and g7 le <6>][store <1> in card_games][endif]

[if g8 ge <1> and g8 le <6>][store <1> in card_games][endif]

>sys2< [# for ISR: ask only if "yes" to g4, g7, g8]

[if card_games eq <0> goto lk1]

[r] When you bet on card games, sport games, or horse races, do you have [n]

[r] a system that increases your chances of winning?

[n]

- 1 yes
- 5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>lk1< [# ISR: Ask only gamblers]

[r] When it comes to gambling, are you a lucky person?
[n]

1 yes
5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

>sk1< [# ISR: Ask only gamblers]

[r] Do you prefer to play games where some skill is involved in winning? [n]

1 yes
5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

>bm5< [# ISR: Ask only gamblers]

[r] Do you find that you usually know when you're due for a win? [n]

1 yes
5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

>end_gambling<

[# ===== USE of ELECTRONIC DEVICES==]
[#==== Panel C only= NEW 2015=]

>int_eduse< [if panel eq <1> or panel eq <2>][goto end_ed][endif]
 [# Panel A+B skip out]

[r] The next questions are about your use of electronic devices such as [n]
[r] computers, laptops, electronic tablets, smartphones, or gaming consoles. [n]
[r] Please do not count using ELECTRONIC DEVICES for work or school. [n]

Press "Enter" to continue @

[@][nodata]

>eduse1< [define <d><98>] [define <r><99>]
[r] During the past 12 months, how often, if at all, did you use electronic [n]
[r] devices for playing VIDEO OR COMPUTER GAMES?
[n]

[r] Would you say every day, about every day, four to five times a week, [n]
[r] two to three times a week, once a week, two to three times a month, [n]
[r] once a month, less than once a month or never?
[n]
[bold][yellow]
Interviewer, if necessary: do not count using electronic devices for work or school.
[n][white]

1 every day
2 about every day (includes six times a week)
3 4 to 5 times a week
4 2 to 3 times a week
5 once a week
6 2 to 3 times a month
7 once a month
8 less than once a month
9 never

d don't know r refused @

[@] <1-8>
 <9,d,r> [goto edusew2]

>edused1b<

[r] During the past 12 months, on those days when you were playing, about how [n]
[r] many hours did you spent playing video or computer games? [n]

[bold][yellow]
Interviewer, if necessary: We don't need an exact number, but can you give us your best guess at how many hours you spend in a typical day?
[n][white]

1 less than 1 hour
2 1 to 2 hours
3 3 to 4 hours
4 5 to 6 hours
5 7 or more hours

d don't know r refused
@

[@] <1-5,d,r>

```
>edusew2< [define <d><98>] [define <r><99>]
[r] During the past 12 months, how often, if at all, did you
use ELECTRONIC [n]
[r] DEVICES for emailing, chatting, text messaging,
watching videos, accessing [n]
[r] social media, or for surfing the web?
[n]
```

```
[r] Would you say every day, about every day, four to five
times a week, [n]
[r] two to three times a week, once a week, two to three
times a month, [n]
[r] once a month, less than once a month or never?
[n]
```

[bold][yellow]

Interviewer: Do not count using ELECTRONIC DEVICES for work or school or for playing VIDEO OR COMPUTER GAMES.
Interviewer, if asked: social media sites such as Facebook, Twitter, Instagram.
[n][white]

- 1 every day
 - 2 about every day (includes six times a week)
 - 3 4 to 5 times a week
 - 4 2 to 3 times a week
 - 5 once a week
 - 6 2 to 3 times a month
 - 7 once a month
 - 8 less than once a month
 - 9 never
- d don't know r refused @

[@] <1-8>
<9,d,r> [goto eduser]

>edused2<

```
[r] During the past 12 months, on those days when you
were using electronic [n]
[r] devices, about how many hours did you spent for
emailing, chatting, text [n]
[r] messaging, watching videos, accessing social media, or
for surfing the web? [n]
```

[bold][yellow]

Interviewer, if necessary: We don't need an exact number, but can you give us your best guess at how many hours you spend in a typical day?
[n][white]

- 1 less than 1 hour
- 2 1 to 2 hours
- 3 3 to 4 hours
- 4 5 to 6 hours
- 5 7 or more hours

d don't know r refused
@

[@] <1-5,d,r>

```
>eduser< [# please count users HERE]
[allow int 1]
[store <0> in eduser]
[if eduse1 ge <1> and eduse1 le <8>][store <1> in
eduser][endif]
[if edusew2 ge <1> and edusew2 le <8>][store <1> in
eduser][endif]
```

[# ===== PROBLEMATIC USE OF
ELECTRONIC DEVICES =====]

[# Ask only Electronic Devices users]

>int_puse< [if eduser eq <0> goto end_ed]

```
[r] Now, thinking about your use of these electronic devices
for games, social [n]
[r] media, chatting or other uses, but not counting
ELECTRONIC DEVICES for work [n]
[r] or school. [n]
```

Press "Enter" to continue @

[@][nodata]

>puse1< [define <d><8>] [define <r><9>]

```
[r] During the past 12 months, have you ever tried to cut
back on your USE OF [n]
[r] ELECTRONIC DEVICES?
[n]
```

- 1 yes
- 5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

>puse2<

```
[r] Has a family member ever expressed concern about the
amount of time [n]
[r] you use ELECTRONIC DEVICES?
[n]
```

- 1 yes
- 5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

>puse3<

[r] Have you ever missed work, school, or an important social activity [n]

[r] because you were using electronic devices? [n]

- 1 yes
- 5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>puse4<

[r] Do you think you have a problem with excessive use of ELECTRONIC DEVICES? [n]

- 1 yes
- 5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>puse5<

[r] Have you ever experienced an irresistible urge or uncontrollable need to [n]

[r] use ELECTRONIC DEVICES?

[n]

- 1 yes
- 5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>puse6<

[r] Have you ever experienced a growing tension or anxiety that can only [n]

[r] be relieved by using ELECTRONIC DEVICES?

[n]

- 1 yes
- 5 no

d Don't Know r Refused

@

[@] <1,5,d,r>

>end_ed<

[# ===== DEMOGRAPHICS =====]
[#==ALL PANELS =====]

[#===== AGE
=====]

>dob< [# NEW 2015, revised 2016]
[open dob][define <d><9998>][define <r><9999>]

[r] Finally, these last questions are for classification purposes only. [n]

[r] First, what is your date of birth?

[n]

[bold][yellow]

Interviewer: if the respondent does not give exact day, month, or year of

birth, code "d" for don't know and "r" for refused.

[n][white]

1-31 enter day @day

1-12 enter month @mth

1900-1998 enter year @yr

d don't know r refused

[@day] <1-31><d,r>

[@mth] <1-12><d,r>

[@yr] <1900-1998>

<d,r>[goto agecat]

>dob_check<[# new check item]

[if dob@yr is <> or dob@yr ge <9998>][goto agecat][endif]

[goto sd2]

>agecat< [define <d><98>] [define <r><99>] [# NEW 2015][# ASK if DK to age items before]

[#Categories changed 2016]

[r] We don't need your exact age, but would you please tell me in what age [n]

[r] group you fall into?

[n]

1 18 to 24 years

2 25 to 29 years

3 30 to 34 years

4 35 to 39 years

5 40 to 44 years

6 45 to 49 years

- 7 50 to 54 years
- 8 55 to 64 years
- 9 65 years and over

d don't know r refused
@

[@] <1-9,d,r>

>sd2< [define <d><98>][define <r><99>]

[r] What is the highest level of education you have completed? [n]

- 1 No schooling
- 2 Some elementary school
- 3 Completed elementary school
- 4 Some high school/junior high
- 5 Completed high school
- 6 Some community college
- 7 Some technical school (College Classique, CEGEP)
- 8 Completed community college
- 9 Completed technical school (College Classique, CEGEP)
- 10 Some University
- 11 Completed Bachelor's Degree (Arts, Science, Engineering, etc.)
- 12 Post graduate Training: MA, MSc, MBA, MSW, etc.
- 13 Post graduate Training: PhD, "doctorate"
- 14 Professional Degree (Law, Medicine, Dentistry)

d Don't Know r Refused
@

[@] <1-14,d,r>

>sd3< [define <s><0>]

[r] What is your religion?
[n]

- | | | |
|------------------------|-----------------------|-------------------|
| 1 Anglican | 8 Hindu | 7 Orthodox |
| 2 Baptist | 9 Jehovah's Witness | 16 Pentecostal |
| 3 Born-again Christian | 10 Jewish | 17 Presbyterian |
| 4 Buddhist | 11 Latter Day Saints | 18 Protestant |
| 5 Catholic | 12 Lutheran | 5 RC |
| 6 Christian | 13 Mennonite | 5 Roman Catholic |
| 1 Church of England | 22 Methodist | 19 Salvation Army |
| 7 Eastern Orthodox | 11 Mormon | 20 Sikh |
| 1 Episcopal | 14 Muslim | 21 United Church |
| 7 Greek Orthodox | 15 Non-denominational | 23 Unitarian |

s Other religion (specify)

97 No religion/Atheist d Don't know r Refused

@

[@] <1-23,97,d,r>
<s> [specify]

>sd5< [define <d><8>] [define <r><9>]

[r] At present are you married, living with a partner, widowed, divorced, [n]
[r] separated, or have you never been married?
[n]

- 1 married
- 2 living with a partner
- 3 widowed
- 4 divorced
- 5 separated
- 6 never married

d don't know r refused
@

[@] <1-6,d,r>

>sex_id< [define <d><8>] [define <r><9>][#NEW 2014]

[r] Do you consider yourself to be heterosexual, homosexual, that is lesbian [n]
[r] or gay, or bisexual?
[n]

[bold][yellow]
Interviewer, after you read each response category, if needed, read the information in the brackets (i.e., the definition). If R says "straight", code as heterosexual.
[n][white]

- 1 heterosexual (sexual relations with people of the opposite sex)
- 3 homosexual (sexual relations with people of your own sex)
- 5 bisexual (sexual relations with people of both sexes)

s other (other includes transgender, two-spirit, or other)(specify)

d don't know r refused
@

[@] <1,3,5,d,r>
<s> [specify]

>sd5a< [define <d><98>] [define <r><99>]

[r] Including yourself, how many people are currently

living in your household? [n]

1-97 enter number

d don't know r refused
@

[@] <2-97>
<1,d,r>[goto sd6r]

>sd5b< [define <d><98>] [define <r><99>] [#NEW 2015]

[r] Including yourself, how many people aged 18 to 30 are currently living in [n]

[r] your household?
[n]

0 none

1-97 enter number

d don't know r refused
@

[@] <1-97,0>
<d,r>[goto sd6r]

>sdcl< [#NEW 2014] [define <d><8>][define <r><9>]

[r] Next I would like to ask you about children.

[n]

[r] Do you have any children in your household AGED 17 OR YOUNGER? [n]

[bold][yellow]

INTERVIEWER: if required, kids must be your sons or daughters living in your home.

If required, this includes step children or adopted children.

[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>sd6r< [# revised item name in 2008B][define <d><98>][define <r><99>]

[r] Are you presently working for pay in a full-time or in a part-time job, are [n]

[r] you unemployed, retired, a homemaker, a student, or

something else? [n]

- 1 full-time job (including those on vacations, pregnancy leave, illness, or other types of paid leave from work)
- 2 part-time job
- 3 two or more jobs (self-employed and work for pay, part-time and full-time work, etc.)
- 4 unemployed
- 5 retired (includes retired and working part-time)
- 6 homemaker
- 7 student (includes students working part-time)
- 8 self-employed
- 9 disability

0 other
d don't know r refused
@

[@] <1-5,8> [goto living]
<6>
<0,7,9,d,r> [goto living]

>sd6b< [define <d><8>] [define <r><9>]

[r] Did you ever work for pay in a full-time or in a part-time job? [n]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

== ===== LIVING ARRANGEMENTS ===== ==

>living< [#NEW 2016] [define <d><8>][define <r><9>]

[r] Which of the following best describes your current living situation: [n]

[r] living independently in own home, Living in an "Assisted Living" unit, [n]

[r] or living with family members or friends?
[n]

- 1 Living independently in own home
- 2 Living in an "Assisted Living" unit
- 3 Living with family members or friends
- 4 Other

d don't know r refused
@

[@] <1-3,d,r>

<4>[specify]

>sd7b< [if panel eq <1> or panel eq <3>][goto sd8][endif][#ASK panel B only] [define <d><8>] [define <r><9>]

[r] Do you currently have a valid driver's licence?
[n]

[bold][yellow]
Interviewer: if respondent says "no", ask "did you have one in the past 12 months?"
[n][white]

1 yes

5 no
7 No, but I had one in the past 12 months

d don't know r refused
@

[@] <1>
<5,7,d,r> [goto sd8]

>sd7c< [#new in 2009] [define <d><8>] [define <r><9>][#ASK panel B only]

[r] What type of driver's licence do you have now? Do you have a level one [n]
[r] licence, a level two licence, or a full licence?
[n]

1 Level One licence (includes G1, M1, or 'learner's')
2 Level Two graduated licence (includes G2, M2, 'intermediate' or 'probationary')
3 Full licence (includes G, M or 'unrestricted')

4 other, specify
d don't know r refused
@

[@] <1-3,d,r>
<4>[specify]

>sd8< [define <d><98>][define <r><99>] [define <s><0>]

[r] What language do you usually speak in your own home?
[n]

6 ENGLISH 7 French

1 Cantonese 13 Italian 22 Somali
1 Chinese 14 Japanese 23 Spanish
2 Croatian 15 Korean 4 Swedish

3 Czech 16 Macedonian 24 Tamil
4 Danish 1 Mandarin 25 Ukrainian
5 Dutch 4 Norwegian 26 Urdu
8 Filipino 17 Polish 27 Vietnamese
4 Finnish 18 Portuguese 28 Welsh
9 German 19 Punjabi 29 Yugoslavian
10 Greek 30 Romanian
11 Hindi 20 Russian
12 Hungarian 21 Serbian

s Other (specify) r Refused
@

[@] <1-30>
<s> [specify]
<d,r>

>sd8a< [# revised 2012]
[r] In what country were you born?
[n]

1 CANADA
39 Albania 7 Hong Kong 15 Portugal
40 Argentina 8 Hungary 16 Romania
41 Austria 9 India 17 Russia
25 Barbados 10 Italy 19 Sri Lanka
26 Belgium 23 Iran 37 Trinidad
2 China 11 Jamaica 20 United States
22 Colombia 31 Korea 21 United Kingdom (England, Ireland, Wales, Scotland, Great Britain)
27 Croatia 32 Lebanon
28 Czech republic 33 Mexico
29 Ecuador 12 Netherlands (Holland)
30 Finland 34 Nepal 18 Viet Nam
3 France 35 Nigeria 38 Yugoslavia
4 Germany 24 Pakistan
5 Greece 13 Philippines
6 Guyana 14 Poland

s Other (specify) r Refused @

[@] <2-41>
<s>[specify]
<1,d,r>[goto ethnic1]

>sd8b< [define <d><9998>] [define <r><9999>]

[r] In what year did you first come to Canada to live?
[n]

[bold][yellow]
INTERVIEWER: Minimum is year of birth; maximum is current year.
[n][white]

1900-2015 Enter year

0 I was born a canadian citizen

d don't know r refused
@

[@] <1900-2015,0,d,r>

>ethnic1< [define <s><0>] [define <d><98>] [define
<r><99>]

[r] In what country was your mother born?

[n]

[bold][yellow]

Interviewer: if asked, we mean birth mother or biological
mother. [n][white]

1 CANADA	6 Guyana	14 Poland
39 Albania	7 Hong Kong	15 Portugal
40 Argentina	8 Hungary	16 Romania
41 Austria	9 India	17 Russia
25 Barbados	10 Italy	19 Sri Lanka
26 Belgium	23 Iran	37 Trinidad
2 China	11 Jamaica	20 United States
22 Colombia	31 Korea	21 United
Kingdom (England,		
27 Croatia	32 Lebanon	Scotland,
Ireland, Wales,		
28 Czech republic	33 Mexico	Great
Britain)		
29 Ecuador	12 Netherlands (Holland)	
30 Finland	34 Nepal	18 Viet Nam
3 France	35 Nigeria	38 Yugoslavia
4 Germany	24 Pakistan	
5 Greece	13 Philippines	

97 no mother/did not know mother
s Other (specify) r Refused @

[@] <2-41>
<s>[specify]
<1,97,d,r>

>ethnic2< [define <s><0>] [define <d><98>] [define
<r><99>]

[r] In what country was your father born?

[n]

[bold][yellow]

Interviewer: if asked, we mean birth father or biological
father. [n][white]

1 CANADA	6 Guyana	14 Poland
39 Albania	7 Hong Kong	15 Portugal
40 Argentina	8 Hungary	16 Romania
41 Austria	9 India	17 Russia
25 Barbados	10 Italy	19 Sri Lanka
26 Belgium	23 Iran	37 Trinidad
2 China	11 Jamaica	20 United States
22 Colombia	31 Korea	21 United
Kingdom (England,		
27 Croatia	32 Lebanon	Scotland,
Ireland, Wales,		
28 Czech republic	33 Mexico	Great
Britain)		
29 Ecuador	12 Netherlands (Holland)	

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30 Finland	34 Nepal	18 Viet Nam
3 France	35 Nigeria	38 Yugoslavia
4 Germany	24 Pakistan	
5 Greece	13 Philippines	

97 no father/did not know father
s Other (specify) r Refused @

[@] <2-41>
<s>[specify]
<1,97,d,r>

>race1< [define <d><8>] [define <r><9>][#NEW 2012]

[r] How would you BEST describe your race or colour?
Would you say White, Asian,[n]

[r] Black, Aboriginal, Middle Eastern or Latin American?
[n]

- 1 White
- 2 Asian
- 3 Black
- 4 Aboriginal
- 5 Middle Eastern
- 6 Latin American

s other, include other, mixed, multiple answers here
(specify)

d don't know r refused
@

[@] <1>
<2>[goto race2b]
<3>[goto race2c]
<4>[goto race2d]
<5>[goto race2e]
<6>[goto race2f]
<d,r>[goto sd10]
<s>[specify][goto sd10]

>race2a< [#if race1=1, asking White]

[r] Which of the following best describes your background?

Would you say [n]

[r] Northern European, Central-Western European,
Southern European, Eastern [n]

[r] European, or North American?

[n]

- 1 North European (Scandinavian, Finnish, Swedish)
- 2 Central-Western European (British, Scottish, Irish,
German, Dutch,
Czechoslovakian)
- 3 Southern European (Italian, Portuguese, Greek,
French, Turkish)
- 4 Eastern European (Ukrainian, Polish, Romanian,
Russian, Serbian,

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Croatian)
5 North American (Canadian, American)

s Other (specify)
d don't know r refused
@

[@] <1-5,d,r>[goto sd10]
<s>[specify][goto sd10]

>race2b< [#if race1=2, asking Asian][define <s><0>]

[r] Which of the following best describes your background?
Would you say East [n]
[r] Asian, South Asian or South-East Asian?
[n]

- 1 East Asian (Chinese, Japanese, Korean)
- 2 South Asian (Indian, Pakistani, Afghani, Sri-Lankan)
- 3 South-East Asian (Filipino, Vietnamese, Malaysian)

s Other (specify)
d don't know r refused
@

[@] <1-3,d,r>[goto sd10]
<s>[specify][goto sd10]

>race2c< [#if race1=3, asking Black]

[r] Which of the following best describes your background?
Would you say [n]
[r] Black African, Black Caribbean or Black American?
[n]

- 1 Black African (Ghanaian, Somalian, Kenyan, Ethiopian)
- 2 Black Caribbean (Trinidadian, Jamaican)
- 3 Black American

s Other (specify)
d don't know r refused
@

[@] <1-3,d,r>[goto sd10]
<s>[specify][goto sd10]

>race2d< [#if race1=4, asking Aboriginal]

[r] Which of the following best describes your background?
Would you say [n]
[r] Status Indian, Non-Status Indian, Inuit, or Metis?
[n]

- 1 Status Indian
- 2 Non-Status Indian
- 3 Inuit

4 Metis

s Other (specify)
d don't know r refused
@

[@] <1-4,d,r>[goto sd10]
<s>[specify][goto sd10]

>race2e< [#if race1=5, asking Middle Eastern]

[r] Which of the following best describes your background?
Would you say Arabic,[n]
[r] Northern African, Middle Eastern, or Israeli?
[n]

- 1 Arabic (Saudi Arabia, Jordan)
- 2 Northern African (Egyptian, Libyan)
- 3 Middle Eastern (Syrian, Lebanese, Iranian, Iraqi)
- 4 Israeli

s Other (specify)
d don't know r refused
@

[@] <1-4,d,r>[goto sd10]
<s>[specify][goto sd10]

>race2f< [#if race1=6, asking Latin American]

[r] Which of the following best describes your background?
Would you say [n]
[r] South American, Central American, or Caribbean?
[n]

- 1 South American (Argentinean, Chilean, Brazilian, Ecuadorian)
- 2 Central American (Mexican, El Salvadorian)
- 3 Caribbean

s Other (specify)
d don't know r refused
@

[@] <1-3,d,r>
<s>[specify]

>sd10< [define <d><999998.00>][define
<r><999999.00>]

[r] Could you please tell me how much income you and other members of your [n]
[r] household received in the year ending December 31st 2015, before taxes? [n]

[r] Please include income FROM ALL SOURCES such as savings, pensions, rent, and [n]

```

[r] unemployment insurance as well as wages.
[n]

[r] TO THE NEAREST THOUSAND DOLLARS, what
was your TOTAL HOUSEHOLD INCOME before[n]
[r] taxes and other deductions were made?
[n]

    @ Enter full amount (include thousands)

    d don't know    r refused

[@] <1000.00-999996.00> [input format dollar commas]
goto IN_POSTAL]
    <d,r>

>sd10b< [define <d><98>][define <r><99>]

[r] We don't need the exact amount; could you tell me
which of these broad    [n]
[r] categories it falls into...
[n]

    1...less than $20,000
    2...between $20,000 and $30,000 ($29,999.99)
    3...between $30,000 and $40,000
    4...between $40,000 and $50,000
    5...between $50,000 and $60,000
    6...between $60,000 and $70,000
    7...between $70,000 and $80,000
    8...between $80,000 and $90,000
    9...between $90,000 and $100,000, or
    10...more than $100,000?

    d Don't Know    r Refused
    @

[@] <1-10,d,r>

[# ===== begin POSTAL code routine
=====]

>IN_POSTAL< [allow int 1]
    [if not entry mode][goto DONE_POSTAL][endif]
    [store <1> in IN_POSTAL]
    [start timer]
    [start question count]

>timer_POSTAL< [allow int 6]
>count_POSTAL< [allow int 2]

>START_POSTAL< [undefine <d>][undefine <r>] [#
core]

>problem1< [template]

[if PROV is <10>]
    Postal Codes in NEWFOUNDLAND must begin with: A
[endif]

```

```

[if PROV is <11>]
    Postal Codes in PRINCE EDWARD ISLAND must begin
with: C
[endif]
[if PROV is <12>]
    Postal Codes in NOVA SCOTIA must begin with: B
[endif]
[if PROV is <13>]
    Postal Codes in NEW BRUNSWICK must begin with: E
[endif]
[if PROV is <24>]
    Postal Codes in QUEBEC must begin with: G, H, or J
[endif]
[if PROV is <35>]
    Postal Codes in ONTARIO must begin with: K,L,M,N,or
P
[endif]
[if PROV is <46>]
    Postal Codes in MANITOBA must begin with: R
[endif]
[if PROV is <47>]
    Postal Codes in SASKATCHEWAN must begin with: S
[endif]
[if PROV is <48>]
    Postal Codes in ALBERTA must begin with: T
[endif]
[if PROV is <59>]
    Postal Codes in BRITISH COLUMBIA must begin with:
V
[endif]
[if PROV is <60>]
    Postal Codes in YUKON must begin with: Y
[endif]
[if PROV is <61>]
    Postal Codes in NORTHWEST TERRITORY and
NUNAVUT must begin with: X
[endif]

[end]

>POSTALWINS< [window 3 destroy]
    [window 3 default]
    [window 3 size 14 rows 80 columns]
    [window 3 background blue]
    [window 3 no border]

    [window 6 destroy]
    [window 6 start row 20 column 1]
    [window 6 size 17 rows 80 columns]
    [window 6 border]
    [window 6 displays]
    [window 6 background yellow]

>POSTAL< [display problem1 window 6]
    [open POSTAL][optional all]
    [autoadvance]

[r] Can you tell me your postal code please?
[n]

[bold][yellow] Interviewer: Use "d" for don't know or
refused at first item only [n][white]

```

@1@2@3 @4@5@6
d

[@1][allow 1][reject nonalpha label <only letters here>][anychar]

<d> [goto POSTAL1]

[@2][allow int 1]<0-9>

[@3][allow 1][reject nonalpha][anychar]

[@4][allow int 1] <0-9>

[@5][allow 1][reject nonalpha][anychar]

[@6][allow int 1] <0-9>

>POSTAL.2<

[r] Pouvez-vous me donner votre code postal, s'il-vous-pla?t? [n]

[bold][yellow] Interviewer: Use "d" for don't know or refused at first item only [n][white]

@1@2@3 @4@5@6
d

>POSTAL1< [if POSTAL@1 is <d> or POSTAL@1 is <D>]

[store <9> in POSTAL@1]

[store <9> in POSTAL@2]

[store <9> in POSTAL@3]

[store <9> in POSTAL@4]

[store <9> in POSTAL@5]

[store <9> in POSTAL@6]

[goto FSA]

[endif]

[if POSTAL@2 is <d> or POSTAL@2 is <D>]

[store <9> in POSTAL@1]

[store <9> in POSTAL@2]

[store <9> in POSTAL@3]

[store <9> in POSTAL@4]

[store <9> in POSTAL@5]

[store <9> in POSTAL@6]

[goto FSA]

[endif]

[if POSTAL@3 is <d> or POSTAL@3 is <D>]

[store <9> in POSTAL@1]

[store <9> in POSTAL@2]

[store <9> in POSTAL@3]

[store <9> in POSTAL@4]

[store <9> in POSTAL@5]

[store <9> in POSTAL@6]

[goto FSA]

[endif]

>PCV1< [allow 7][store <> in PCV1]

>PCV2< [allow 5][store <> in PCV2]

>PCV3< [allow 7][store <> in PCV3]

>PCV4< [allow 5][store <> in PCV4]

>PCV5< [allow 7][store <> in PCV5]

>PCV6< [allow 5] [store <> in PCV6]

>PCV1F< [allow 8][store <> in PCV1F]

>PCV2F< [allow 6][store <> in PCV2F]

>PCV3F< [allow 8][store <> in PCV3F]

>PCV4F< [allow 6][store <> in PCV4F]

>PCV5F< [allow 8][store <> in PCV5F]

>PCV6F< [allow 6][store <> in PCV6F]

>LOAD1< [if POSTAL@1 is <a> or POSTAL@1 is <A>]

[store <Adam> in PCV1]

[store <Adam> in PCV1F]

[else]

[if POSTAL@1 is or POSTAL@1 is]

[store <Betty> in PCV1]

[store <Bertrand> in PCV1F]

[else]

[if POSTAL@1 is <c> or POSTAL@1 is <C>]

[store <Charlie> in PCV1]

[store <Charles> in PCV1F]

[else]

[if POSTAL@1 is <d> or POSTAL@1 is <D>]

[store <David> in PCV1]

[store <David> in PCV1F]

[else]

[if POSTAL@1 is <e> or POSTAL@1 is <E>]

[store <Edward> in PCV1]

[store <Edouard> in PCV1F]

[else]

[if POSTAL@1 is <f> or POSTAL@1 is <F>]

[store <Frank> in PCV1]

[store <Francis> in PCV1F]

[else]

[if POSTAL@1 is <g> or POSTAL@1 is <G>]

[store <George> in PCV1]

[store <Georges> in PCV1F]

[else]

[if POSTAL@1 is <h> or POSTAL@1 is <H>]

[store <Henry> in PCV1]

[store <Henri> in PCV1F]

[else]

[if POSTAL@1 is <i> or POSTAL@1 is <I>]

[store <Indigo> in PCV1]

[store <Indigo> in PCV1F]

[else]

[if POSTAL@1 is <j> or POSTAL@1 is <J>]

[store <John> in PCV1]

[store <Jean> in PCV1F]

[else]

[if POSTAL@1 is <k> or POSTAL@1 is <K>]

[store <King> in PCV1]

[store <Kevin> in PCV1F]

[else]

[if POSTAL@1 is <l> or POSTAL@1 is <L>]

[store <Lewis> in PCV1]

[store <Louis> in PCV1F]

[else]

[if POSTAL@1 is <m> or POSTAL@1 is <M>]

[store <Mary> in PCV1]

[store <Marie> in PCV1F]

[else]

[if POSTAL@1 is <n> or POSTAL@1 is <N>]

[store <Nancy> in PCV1]

```

    [store <Nancy> in PCV1F]
  [else]
  [if POSTAL@1 is <o> or POSTAL@1 is <O>]
    [store <Otto> in PCV1]
    [store <Olivier> in PCV1F]
  [else]
  [if POSTAL@1 is <p> or POSTAL@1 is <P>]
    [store <Peter> in PCV1]
    [store <Pierre> in PCV1F]
  [else]
  [if POSTAL@1 is <q> or POSTAL@1 is <Q>]
    [store <Queen> in PCV1]
    [store <Qu?bec> in PCV1F]
  [else]
  [if POSTAL@1 is <r> or POSTAL@1 is <R>]
    [store <Robert> in PCV1]
    [store <Robert> in PCV1F]
  [else]
  [if POSTAL@1 is <s> or POSTAL@1 is <S>]
    [store <Susan> in PCV1]
    [store <Sylvie> in PCV1F]
  [else]
  [if POSTAL@1 is <t> or POSTAL@1 is <T>]
    [store <Thomas> in PCV1]
    [store <Thomas> in PCV1F]
  [else]
  [if POSTAL@1 is <u> or POSTAL@1 is <U>]
    [store <Union> in PCV1]
    [store <Univers> in PCV1F]
  [else]
  [if POSTAL@1 is <v> or POSTAL@1 is <V>]
    [store <Victor> in PCV1]
    [store <Victor> in PCV1F]
  [else]
  [if POSTAL@1 is <w> or POSTAL@1 is <W>]
    [store <William> in PCV1]
    [store <William> in PCV1F]
  [else]
  [if POSTAL@1 is <x> or POSTAL@1 is <X>]
    [store <X-ray> in PCV1]
    [store <Xerox> in PCV1F]
  [else]
  [if POSTAL@1 is <y> or POSTAL@1 is <Y>]
    [store <Young> in PCV1]
    [store <Yvon> in PCV1F]
  [else]
  [if POSTAL@1 is <z> or POSTAL@1 is <Z>]
    [store <Zebra> in PCV1]
    [store <Z?bre> in PCV1F]
  [endif all]
>LOAD2< [if POSTAL@2 eq <1>]
  [store <One> in PCV2]
  [store <Un> in PCV2F]
  [else]
  [if POSTAL@2 eq <2>]
    [store <Two> in PCV2]
    [store <Deux> in PCV2F]
  [else]
  [if POSTAL@2 eq <3>]
    [store <Three> in PCV2]
    [store <Trois> in PCV2F]
  [else]

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```

  [if POSTAL@2 eq <4>]
    [store <Four> in PCV2]
    [store <Quatre> in PCV2F]
  [else]
  [if POSTAL@2 eq <5>]
    [store <Five> in PCV2]
    [store <Cinq> in PCV2F]
  [else]
  [if POSTAL@2 eq <6>]
    [store <Six> in PCV2]
    [store <Six> in PCV2F]
  [else]
  [if POSTAL@2 eq <7>]
    [store <Seven> in PCV2]
    [store <Sept> in PCV2F]
  [else]
  [if POSTAL@2 eq <8>]
    [store <Eight> in PCV2]
    [store <Huit> in PCV2F]
  [else]
  [if POSTAL@2 eq <9>]
    [store <Nine> in PCV2]
    [store <Neuf> in PCV2F]
  [else]
  [if POSTAL@2 eq <0>]
    [store <Zero> in PCV2]
    [store <Z?ro> in PCV2F]
  [endif all]
>LOAD3< [if POSTAL@3 is <a> or POSTAL@3 is <A>]
  [store <Adam> in PCV3]
  [store <Adam> in PCV3F]
  [else]
  [if POSTAL@3 is <b> or POSTAL@3 is <B>]
    [store <Betty> in PCV3]
    [store <Bertrand> in PCV3F]
  [else]
  [if POSTAL@3 is <c> or POSTAL@3 is <C>]
    [store <Charlie> in PCV3]
    [store <Charles> in PCV3F]
  [else]
  [if POSTAL@3 is <d> or POSTAL@3 is <D>]
    [store <David> in PCV3]
    [store <David> in PCV3F]
  [else]
  [if POSTAL@3 is <e> or POSTAL@3 is <E>]
    [store <Edward> in PCV3]
    [store <Edouard> in PCV3F]
  [else]
  [if POSTAL@3 is <f> or POSTAL@3 is <F>]
    [store <Frank> in PCV3]
    [store <Francis> in PCV3F]
  [else]
  [if POSTAL@3 is <g> or POSTAL@3 is <G>]
    [store <George> in PCV3]
    [store <Georges> in PCV3F]
  [else]
  [if POSTAL@3 is <h> or POSTAL@3 is <H>]
    [store <Henry> in PCV3]
    [store <Henri> in PCV3F]
  [else]
  [if POSTAL@3 is <i> or POSTAL@3 is <I>]

```

```

[store <Indigo> in PCV3]
[store <Indigo> in PCV3F]
[else]
[if POSTAL@3 is <j> or POSTAL@3 is <J>]
[store <John> in PCV3]
[store <Jean> in PCV3F]
[else]
[if POSTAL@3 is <k> or POSTAL@3 is <K>]
[store <King> in PCV3]
[store <Kevin> in PCV3F]
[else]
[if POSTAL@3 is <l> or POSTAL@3 is <L>]
[store <Lewis> in PCV3]
[store <Louis> in PCV3F]
[else]
[if POSTAL@3 is <m> or POSTAL@3 is <M>]
[store <Mary> in PCV3]
[store <Marie> in PCV3F]
[else]
[if POSTAL@3 is <n> or POSTAL@3 is <N>]
[store <Nancy> in PCV3]
[store <Nancy> in PCV3F]
[else]
[if POSTAL@3 is <o> or POSTAL@3 is <O>]
[store <Otto> in PCV3]
[store <Olivier> in PCV3F]
[else]
[if POSTAL@3 is <p> or POSTAL@3 is <P>]
[store <Peter> in PCV3]
[store <Pierre> in PCV3F]
[else]
[if POSTAL@3 is <q> or POSTAL@3 is <Q>]
[store <Queen> in PCV3]
[store <Qu?bec> in PCV3F]
[else]
[if POSTAL@3 is <r> or POSTAL@3 is <R>]
[store <Robert> in PCV3]
[store <Robert> in PCV3F]
[else]
[if POSTAL@3 is <s> or POSTAL@3 is <S>]
[store <Susan> in PCV3]
[store <Sylvie> in PCV3F]
[else]
[if POSTAL@3 is <t> or POSTAL@3 is <T>]
[store <Thomas> in PCV3]
[store <Thomas> in PCV3F]
[else]
[if POSTAL@3 is <u> or POSTAL@3 is <U>]
[store <Union> in PCV3]
[store <Univ?ers> in PCV3F]
[else]
[if POSTAL@3 is <v> or POSTAL@3 is <V>]
[store <Victor> in PCV3]
[store <Victor> in PCV3F]
[else]
[if POSTAL@3 is <w> or POSTAL@3 is <W>]
[store <William> in PCV3]
[store <William> in PCV3F]
[else]
[if POSTAL@3 is <x> or POSTAL@3 is <X>]
[store <X-ray> in PCV3]
[store <Xerox> in PCV3F]
[else]

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```

[if POSTAL@3 is <y> or POSTAL@3 is <Y>]
[store <Young> in PCV3]
[store <Yvon> in PCV3F]
[else]
[if POSTAL@3 is <z> or POSTAL@3 is <Z>]
[store <Zebra> in PCV3]
[store <Z?bre> in PCV3F]
[endif all]

```

```

>LOAD4< [if POSTAL@4 eq <1>]
[store <One> in PCV4]
[store <Un> in PCV4F]
[else]
[if POSTAL@4 eq <2>]
[store <Two> in PCV4]
[store <Deux> in PCV4F]
[else]
[if POSTAL@4 eq <3>]
[store <Three> in PCV4]
[store <Trois> in PCV4F]
[else]
[if POSTAL@4 eq <4>]
[store <Four> in PCV4]
[store <Quatre> in PCV4F]
[else]
[if POSTAL@4 eq <5>]
[store <Five> in PCV4]
[store <Cinq> in PCV4F]
[else]
[if POSTAL@4 eq <6>]
[store <Six> in PCV4]
[store <Six> in PCV4F]
[else]
[if POSTAL@4 eq <7>]
[store <Seven> in PCV4]
[store <Sept> in PCV4F]
[else]
[if POSTAL@4 eq <8>]
[store <Eight> in PCV4]
[store <Huit> in PCV4F]
[else]
[if POSTAL@4 eq <9>]
[store <Nine> in PCV4]
[store <Neuf> in PCV4F]
[else]
[if POSTAL@4 eq <0>]
[store <Zero> in PCV4]
[store <Z?ro> in PCV4F]
[endif all]

```

```

>LOAD5< [if POSTAL@5 is <a> or POSTAL@5 is <A>]
[store <Adam> in PCV5]
[store <Adam> in PCV5F]
[else]
[if POSTAL@5 is <b> or POSTAL@5 is <B>]
[store <Betty> in PCV5]
[store <Bertrand> in PCV5F]
[else]
[if POSTAL@5 is <c> or POSTAL@5 is <C>]
[store <Charlie> in PCV5]
[store <Charles> in PCV5F]

```

```

[else]
[if POSTAL@5 is <d> or POSTAL@5 is <D>]
  [store <David> in PCV5]
  [store <David> in PCV5F]
[else]
[if POSTAL@5 is <e> or POSTAL@5 is <E>]
  [store <Edward> in PCV5]
  [store <Edouard> in PCV5F]
[else]
[if POSTAL@5 is <f> or POSTAL@5 is <F>]
  [store <Frank> in PCV5]
  [store <Francis> in PCV5F]
[else]
[if POSTAL@5 is <g> or POSTAL@5 is <G>]
  [store <George> in PCV5]
  [store <Georges> in PCV5F]
[else]
[if POSTAL@5 is <h> or POSTAL@5 is <H>]
  [store <Henry> in PCV5]
  [store <Henri> in PCV5F]
[else]
[if POSTAL@5 is <i> or POSTAL@5 is <I>]
  [store <Indigo> in PCV5]
  [store <Indigo> in PCV5F]
[else]
[if POSTAL@5 is <j> or POSTAL@5 is <J>]
  [store <John> in PCV5]
  [store <Jean> in PCV5F]
[else]
[if POSTAL@5 is <k> or POSTAL@5 is <K>]
  [store <King> in PCV5]
  [store <Kevin> in PCV5F]
[else]
[if POSTAL@5 is <l> or POSTAL@5 is <L>]
  [store <Lewis> in PCV5]
  [store <Louis> in PCV5F]
[else]
[if POSTAL@5 is <m> or POSTAL@5 is <M>]
  [store <Mary> in PCV5]
  [store <Marie> in PCV5F]
[else]
[if POSTAL@5 is <n> or POSTAL@5 is <N>]
  [store <Nancy> in PCV5]
  [store <Nancy> in PCV5F]
[else]
[if POSTAL@5 is <o> or POSTAL@5 is <O>]
  [store <Otto> in PCV5]
  [store <Olivier> in PCV5F]
[else]
[if POSTAL@5 is <p> or POSTAL@5 is <P>]
  [store <Peter> in PCV5]
  [store <Pierre> in PCV5F]
[else]
[if POSTAL@5 is <q> or POSTAL@5 is <Q>]
  [store <Queen> in PCV5]
  [store <Qu?bec> in PCV5F]
[else]
[if POSTAL@5 is <r> or POSTAL@5 is <R>]
  [store <Robert> in PCV5]
  [store <Robert> in PCV5F]
[else]
[if POSTAL@5 is <s> or POSTAL@5 is <S>]
  [store <Susan> in PCV5]

```

```

  [store <Sylvie> in PCV5F]
[else]
[if POSTAL@5 is <t> or POSTAL@5 is <T>]
  [store <Thomas> in PCV5]
  [store <Thomas> in PCV5F]
[else]
[if POSTAL@5 is <u> or POSTAL@5 is <U>]
  [store <Union> in PCV5]
  [store <Univers> in PCV5F]
[else]
[if POSTAL@5 is <v> or POSTAL@5 is <V>]
  [store <Victor> in PCV5]
  [store <Victor> in PCV5F]
[else]
[if POSTAL@5 is <w> or POSTAL@5 is <W>]
  [store <William> in PCV5]
  [store <William> in PCV5F]
[else]
[if POSTAL@5 is <x> or POSTAL@5 is <X>]
  [store <X-ray> in PCV5]
  [store <Xerox> in PCV5F]
[else]
[if POSTAL@5 is <y> or POSTAL@5 is <Y>]
  [store <Young> in PCV5]
  [store <Yvon> in PCV5F]
[else]
[if POSTAL@5 is <z> or POSTAL@5 is <Z>]
  [store <Zebra> in PCV5]
  [store <Z?bre> in PCV5F]
[endif all]

```

```

>LOAD6< [if POSTAL@6 eq <1>]
  [store <One> in PCV6]
  [store <Un> in PCV6F]
[else]
[if POSTAL@6 eq <2>]
  [store <Two> in PCV6]
  [store <Deux> in PCV6F]
[else]
[if POSTAL@6 eq <3>]
  [store <Three> in PCV6]
  [store <Trois> in PCV6F]
[else]
[if POSTAL@6 eq <4>]
  [store <Four> in PCV6]
  [store <Quatre> in PCV6F]
[else]
[if POSTAL@6 eq <5>]
  [store <Five> in PCV6]
  [store <Cinq> in PCV6F]
[else]
[if POSTAL@6 eq <6>]
  [store <Six> in PCV6]
  [store <Six> in PCV6F]
[else]
[if POSTAL@6 eq <7>]
  [store <Seven> in PCV6]
  [store <Sept> in PCV6F]
[else]
[if POSTAL@6 eq <8>]

```

```

    [store <Eight> in PCV6]
    [store <Huit> in PCV6F]
  [else]
  [if POSTAL@6 eq <9>]
    [store <Nine> in PCV6]
    [store <Neuf> in PCV6F]
  [else]
  [if POSTAL@6 eq <0>]
    [store <Zero> in PCV6]
    [store <Z?ro> in PCV6F]
  [endif all]

```

```
>CHECK_POSTAL< [allow int 1][autoadvance end]
```

```

[r] So just to confirm I've entered everything correctly,
your postal code is:  [n]
[r] [fill PCV1] [fill PCV2] [fill PCV3] [fill PCV4] [fill
PCV5] [fill PCV6] ([fill POSTAL@1] [fill POSTAL@2]
[fill POSTAL@3] [fill POSTAL@4] [fill POSTAL@5]
[fill POSTAL@6]).  [n]

```

```

[r] Is that correct?
[n]

```

```

1 Yes
5 No

```

```

r refused
@

```

```

[@]<1,9> [goto FSA]
<5> [goto FIX_POSTAL]

```

```

>FIX_POSTAL< [store <> in POSTAL@1]
  [store <> in POSTAL@2]
  [store <> in POSTAL@3]
  [store <> in POSTAL@4]
  [store <> in POSTAL@5]
  [store <> in POSTAL@6]
  [store <> in CHECK_POSTAL]
  [goto POSTAL]

```

```

>FSA< [allow 3]
  [make FSA from POSTAL@1 POSTAL@2
POSTAL@3]

```

```

>LDU< [allow 3]
  [make LDU from POSTAL@4 POSTAL@5
POSTAL@6]

```

```
>POSTAL2< [if FSA is <999> goto DONE_POSTAL]
```

```

>DONE_POSTAL< [window 3 destroy]
  [window 3 default]
  [window 3 background blue]
  [window 3 no border]
  [window 6 destroy]

```

```

>OUT_POSTAL< [allow int 1]
  [if not entry mode][goto END_POSTAL][endif]
  [store <1> in OUT_POSTAL]
  [stop timer][record timer in timer_POSTAL]
  [stop question count][record question count in
count_POSTAL]

```

```
>END_POSTAL<
```

```

[#-----end of POSTAL code routine-----
--]

```

```

[#====Cell Phones =====]
>ISR1new< [#added July 2011][define <d><8>] [define
<r><9>]

```

```

[r] Is telephone number [fill AREA]-[fill PRFX:0]-[fill
SUFX:0] a cell phone [n]
[r] or a 'home phone' or 'landline'?
[n]

```

```

1 cell phone
5 home phone or landline

```

```

d don't know      r refused
@

```

```

[@]<1>
<5,d,r>

```

```

>cd< [if area eq <416>][goto cty1][endif]
  [if area eq <519>][goto cty2][endif]
  [if area eq <613>][goto cty3][endif]
  [if area eq <705>][goto cty4][endif]
  [if area eq <807>][goto cty5][endif]

```

```

>cty1< [allow int 2][define <d><98>] [define
<r><99>][define <s><0>]

```

```

[r] In what COUNTY or regional municipality do you live?
[n]

```

```

18 Durham RM(Oshawa Ajax Newcastle Pickering
Whitby)
28 Haldimand-Norfolk RM(Nanticoke Dunnville
Simcoe Delhi Norfolk)
24 Halton RM(Burlington Halton Hills Milton
Oakville)
25 Hamilton-Wentworth RM(Ancaster Dundas
Flamborough Stoney Creek)
20 Metro Toronto(North York York East York
Scarborough Etobicoke)
26 Niagara RM(St Kitts Thorold Welland Niagara-on-
the Lake Grimsby)
14 Northumberland C(Brighton Cobourg Port Hope)
21 Peel RM(Brampton Mississauga Caledon)
43 Simcoe C(Barrie Orillia Collingwood Midland
Wasaga Beach)
19 York RM(Aurora Markham Newmarket RichHill
Vaughan King)

```

s Other (specify)

d Don't Know r Refused

@

[@] <18,28,24,25,20,26,14,21,43,19,d,r> [goto end_cty]
<s> [specify][goto end_cty]

>cty2< [allow int 2][equiv cty1] [define <d><98>] [define <r><99>][define <s><0>]

[r] In what COUNTY or regional municipality do you live?

[n]

29 Brant C(Brantford Paris Burford)

41 Bruce C(Kincardine Port Elgin Southampton Walkerton Wiarton)

22 Dufferin C(Orangeville Shelburne Grand Valley)

34 Elgin C(St Thomas Aylmer Port Stanley)

37 Essex C(Windsor Amherstburg Leamington Tecumseh)

42 Grey C(Owen Sound Durham Hanover)

28 Haldimand-Norfolk RM(Nanticoke Dunnville Simcoe Delhi Norfolk)

25 Hamilton-Wentworth RM(Ancaster Dundas Flamborough Stoney Creek)

40 Huron C(Clinton Exeter Goderich Seaforth Wingham)

36 Kent C(Chatham Blenheim Wallaceburg)

38 Lambton C(Sarnia Forest Petrolia)

39 Middlesex C(London Strathroy)

32 Oxford C(Woodstock Ingersoll Tillsonburg)

21 PeeL RM(Brampton Mississauga Caledon)

31 Perth C(Stratford St Marys Listowel)

30 Waterloo RM(Cambridge Kitchener Wilmot Woolwich)

23 Wellington C(Guelph Fergus Mount Forest Arthur Elora)

s other (specify) d don't know r refused

@

[@] <29,41,22,34,37,42,28,25,40,36,38,39,32,21,31,30,23> [goto end_cty]
<d,r> [goto end_cty]
<s> [specify][goto end_cty]

>cty3< [allow int 2][equiv cty1][define <d><98>] [define <r><99>][define <s><0>]

[r] In what COUNTY or regional municipality do you live?

[n]

10 Frontenac C(Kingston)

46 Haliburton C(Minden)

12 Hastings C(Belleville Trenton Tweed Bancroft)

09 Lanark C(Almonte Carleton Place Smith Falls Perth)

07 Leeds & Grenville C(Brockville Gananoque Prescott)

11 Lennox & Addington C(Napanee Bath Newburgh)

48 Nipissing D(North Bay Mattawa Sturgeon Falls)

14 Northumberland C(Brighton Cobourg Port Hope)

06 Ottawa-Carleton RM(Gloucester Kanata Nepean Vanier Cumberland)

02 Prescott & Russell C(Hawkesbury Rockland)

13 Prince Edward C(Picton Bloomfield Wellington)

47 Renfrew C(Pembroke Arnprior Deep River Barry_s Bay)

01 Stormont, Dundas & Glengary C(Cornwall Alexandria)

s other (specify) d don't know r refused

@

[@] <10,46,12,09,07,11,48,14,06,02,13,47,01> [goto end_cty]
<d,r> [goto end_cty]
<s> [specify][goto end_cty]

>cty4<[allow int 2][equiv cty1]

[r] In what COUNTY or regional municipality do you live?

[n]

57 Algoma D(Sault Ste Marie Blind River Elliott Lake)

56 Cochrane D(Timmins Hearst Kapuskasing)

18 Durham RM(Oshawa Ajax Newcastle Pickering Whitby)

46 Haliburton C(Minden)

51 Manitoulin D(Gore Bay Little Current)

44 Muskoka DM(Bracebridge Gravenhurst Huntsville)

48 Nipissing D(North Bay Mattawa Sturgeon Falls)

14 Northumberland C(Brighton Cobourg Port Hope)

49 Parry Sound D(Powassan)

15 Peterborough C(Havelock Lakefield)

47 Renfrew C(Pembroke Arnprior Deep River Barry_s Bay)

43 Simcoe C(Barrie Orillia Collingwood Midland Wasaga Beach)

53 Sudbury RM(Capreol Nickel Centre Rayside Valley East)

52 Sudbury D(Espanola Chapleau)

54 Timiskaming D(Cobalt Haileybury Kirkland Lake New Liskeard)

16 Victoria C(Lindsay Bobcaygeon Fenelon Falls)

19 York RM(Aurora Markham Newmarket RichHill Vaughan King)

s other (specify) d don't know r refused

@

[@] <57,56,18,46,51,44,48,14,49,15,47,43,53,52,54,16,19> [goto end_cty]
<d,r> [goto end_cty]
<s> [specify][goto end_cty]

>cty5< [allow int 2][equiv cty1][define <d><98>] [define <r><99>][define <s><0>]

[r] In what COUNTY or regional municipality do you live?

[n]

60 Kenora D(Dryden Keewatin Sioux Lookout)

59 Rainy River D(Fort Francis)

58 Thunder Bay D(Geraldton Longlac)

s Other (specify)

d Don't Know r Refused

@

[@] <60,59,58,d,r>
 <s> [specify]

>end_cty<

>ck_follow< [if tecig2rc eq <1>]
 [goto rec_ecig]
 [else]
 [goto end_recruit]
 [endif]

>rec_ecig< [define <d><8>] [define <r><9>]
 [r] Over the next year, University of Toronto will be
 conducting research on [n]
 [r] people's experiences with e-cigarettes. This study
 involves asking questions[n]
 [r] on people's attitudes toward e-cigarettes, knowledge of
 potential risks, [n]
 [r] and history of using e-cigarettes. If you agree to be re-
 contacted in [n]
 [r] the future about this study, a health professional
 involved in our study [n]
 [r] will phone you sometime over the next year, and you
 would be asked to [n]
 [r] give information on your experiences with e-cigarettes.
 [n]

[r] Would you be willing to participate in such a study if
 you were asked? [n]

[bold][yellow]
 Interviewer, if necessary: It's ok if you don't currently use
 e-cigarettes,
 we are still interested in your opinions.

Interviewer, this new research would take place 6 to 12
 months after this
 interview. It will take about 15 minutes to complete.
 [n][white]

1 yes, gives name and phone number

r no, refused @

[@]<1>
 <r> [goto end_recruit]

>rec<

[r] Just so we know who to ask for if we call back, can you
 please give me your [n]
 [r] name? [n]

1 yes
 5 no

d don't know r refused
 @

[@] <1>
 <5,d,r> [goto end_recruit]

>fol< [open fol][optional all]

[bold][yellow]
 Interviewer: If R refused full name, take initial.
 [n][white]

First Name: @fnam
 Last Name: @lnam

Press "Enter" when done @done

[@fnam][allow 30]
 [@lnam][allow 30]
 [@done][nodata]

>number<

[r] If CAMH needs to contact you again, is this the best
 telephone number [n]
 [r] to reach you? [n]

1 yes
 5 no

d don't know r refused
 @

[@] <1> [goto card]
 <5,d,r>

>phone2< [open phone2]

[r] What is the best number to reach you?
 [n]

[bold][yellow]
 ENTER PHONE NUMBER HERE, IT WILL BE 3
 NUMBERS,
 THEN 3 NUMBERS, THEN 4 MORE NUMBERS. FOR
 EXAMPLE,
 123 456 7890.

If there is no extension number, just hit Enter at
 "extension"

For "don't know", cursor down to "don't know" field and
 use "d".
 [n][white]

|@1 | extension: |@2 |

@d don't know

[@1][optional]<0-999999999>[input format full field enter left < - - >]
[@2][optional][allow 6]<0-999999>[input format enter left]
[goto card][if @2 eq <> and @1 gt <>][goto card][endif]
[@d][optional]<d>[goto email1]

>card< [allow 16]
[if phone2@1 eq <>][goto email1][endif]
[make card from phone2@1 phone2@2]

>part1< [allow 3][equiv card position 1]
>part2< [allow 3][equiv card position 4]
>part3< [allow 4][equiv card position 7]
>part4< [allow 6][equiv card position 11]

>ck_phone2<

[r] Just to confirm then, the best phone number to reach you is ... [n]

[r] ...[fill part1:0]-[fill part2:0]-[fill part3:0]
[n]
[r] extension...[fill part4] [n]

[r] Is that correct? [n]

- 1 yes correct
- 5 no/ mistake

- d don't know r refused
- @

[@] <1,d,r> [goto email1]
<5>
[store <> in phone2@1]
[store <> in phone2@2]
[store <> in ck_phone2]
[goto phone2]

[# ===== Collect e-mail address
=====]

>email1<

[r] And could we please get your email address in case your telephone number [n]
[r] changes? [n]

- 1 yes
- 3 no e-mail address, no easy access to e-mail

- 5 no/ refused

@

[@] <1>
<3,5>[goto end_recruit]

>atext< [allow 1]
[store <@> in atext]

>mail< [open mail][optional all]

[r] Could you please give me your email address slowly.
[n]

[bold][yellow]
Interviewer: don't forget to add: .ca or .com or .org or .net, etc.
as required.
[n][white]

E-mail @1[fill atext]@2

Press "Enter" when done @done1

[@1] [allow 40] [default answer <>][input format enter right][anychar]
[@2] [allow 25] [default answer <>][input format enter left][anychar]
[@done1][nodata]

>check< [define <d><8>][define <r><9>]

[r] Just to confirm then, your email address is ...
[n]

[r] ...[fill mail@1][fill atext][fill mail@2] [n]

[r] Is that correct? [n]

[bold][yellow]
Interviewer: verify with R by spelling out email.
[n][white]

1 yes correct

- 3 no/ mistake in First part
- 5 no/ mistake in Second part
- 7 no/ mistake in Both parts

d don't know r refused
@

[@] <1,d,r> [goto email]
<3,5,7>

>fix< [if check eq <3>]
[store <> in check]
[store <> in mail@1]
[goto mail@1]

```

[endif]
[if check eq <5>]
[store < > in check]
[store < > in mail@2]
[goto mail@2]
[endif]
[if check eq <7>]
[store < > in check]
[store < > in mail@1]
[store < > in mail@2]
[goto mail@1]
[endif]

```

```

>email< [allow 66]
[make email from mail@1 atext mail@2]

```

```

>end_recruit< [allow int 1]
[store <1> in end_recruit]

```

```

[# ===== RESPONDENT
EVALUATIONS =====]

```

```

>re1< [define <d><8>] [define <r><9>]

```

```

[r] Do you think this interview was MUCH too long,
SOMEWHAT long, or ABOUT right?[n]

```

```

1 much too long
3 somewhat long
5 about right

```

```

d don't know r refused
@

```

```

[@] <1,3,5,d,r>

```

```

>re2< [define <d><8>] [define <r><9>]

```

```

[r] Overall, would you say that this interview was not at all
difficult, [n]
[r] somewhat difficult, or much too difficult to do?
[n]

```

```

1 not at all difficult
3 somewhat difficult
5 much too difficult

```

```

d don't know r refused
@

```

```

[@] <1,3,5,d,r>

```

```

>stop< [if ETIM eq <>][settime ETIM][endif]
[goto SET]

```

Appendix D

Derived Variables

DERIVED VARIABLES 2016

Several derived variables have been created and saved to the **CM2016** dataset. In this section, the methods used to derive the frequently used variables and some of the coding structures are described. Some of the derived variables have been grouped for ease of use .

In some cases, the creation of intermediate variables was needed for efficient processing of the derived variable and these intermediate variables are listed and documented. Also, due to the coding and analysis requests, for some of the grouped and derived variables, alternatively coded versions have been generated (e.g., age in different groupings). Descriptions of the derived variables below are listed according to topic.

Most of the derived variables listed here are also included in the multiyear microdata **CM1996–2016**, although they might not be available for every cycle or every panel. Data users of the CM files should first **verify** if their target **variables are available** as needed (whether availability is restricted to **certain cycles** and/or **certain panels**).

Panel Questionnaire panel : panel A (Jan-Dec); panel B (Jan-Dec); panel C (Jan-March); panel E (asked of cell phone respondents in Toronto only , April-September)

Smoking

SSTATUS3	Smoking status (3 cat)
SSTATUS5	Smoking status (5 cat)
TOB12M	Current Smoking (smoked daily or occasionally past 30 days)
SDAILY	Daily smoking - past 12m
NCIGCAT	Number of cigarettes smoked daily – smokers– past 12m
NCIGTCAT	Number of cigarettes smoked daily – total sample– past 12m
HSI	Heaviness of smoking index – daily smokers
ECIGLIFE	Smoked e-cigarettes at least once - lifetime
ECIG12M	Smoked e-cigarettes at least once – past 12m
ECIG30D	Smoked e-cigarettes at least once – past 30 days

Alcohol Use

ALCSTAT3	Drinking status
ALCLIFE	Alcohol use lifetime
ALC12M	Alcohol use past 12 months
ALC30D	Alcohol use past 30 days
ALDAILY	Daily drinking - past 12 months
QFVOL	Estimated total volume of alcohol consumed in standard drinks - past 12 months
QFVOLWK	Estimated weekly volume of alcohol consumed in standard drinks - past 12 months
FIVEMN	Five+ drinks in a single sitting once a month or more often, past 12m
FIVEWK	Five+ drinks in a single sitting once a week or more often, past 12m
FIVE30BI	Five+ drinks in a single sitting once a week or more often, past 30 days (binary)
ALC7D	Total standard drinks in past 7 days
LRDG2011	Percent exceeding the low-risk drinking guidelines – guidelines revised 2011

Hazardous/Harmful Drinking (AUDIT)

AUDIT	AUDIT total score (total sample) (score 0-40)
AUDIT8	AUDIT score - 8+ cut-off (total sample) (based on 0-40 scoring)

AUDITC	AUDIT score for consumption/ intake
AUDITD	AUDIT score for dependence
AUDITAC	AUDIT score for adverse consequences
AUDITP	AUDIT score for problems (adverse consequences + dependence)

Cannabis Use

CANLIFE	Cannabis use lifetime
CAN12M	Cannabis use past 12 months
CAN3M	Cannabis use past 3 months

Cannabis Use Problems (WHO's ASSIST) (panel B)

ASISTCAN	Cannabis ASSIST score
ASISTCN3	Risk level for cannabis consumption (3 categories)
ASISTCN2	Risk level for cannabis consumption (2 categories)

Cocaine Use (panel B+C)

COCLIFE	Cocaine use lifetime
COC12M	Cocaine use past 12 months

Driving and Substance Use (panel B)

DKDRIV	Driven a motor vehicle after having 2 standard drinks of alcohol within 1 hour before driving (among valid drivers) - past 12m
DKDRIV30	Driven a motor vehicle after having 2 standard drinks of alcohol within 1 hour before driving (among valid drivers) - past 30 days
CANDRIV	Driven a motor vehicle after using cannabis within 2 hours of driving (among valid drivers) – past 12m
DRIVER	Licensed G-class driver - past 12m
DRTEXT	Driving and texting past 12 months
DRCOLLR	Involved in collision while driving – past 12m

Health Related Quality of Life Measures (HRQoL) (panel B)

FAIRHLT	Percent fair or poor health
UNHLTPD	Physically unhealthy days (past 30 days)
PHYSDISD	Frequent physically unhealthy days (14+ days in the past 30 days)
FAIRMHLT	Percent fair or poor mental health
UNHLTMD	Mentally unhealthy days (past 30 days)
MENTDISD	Frequent mental distress days (14+ days in the past 30 days)
UNHLTD	Sum of unhealthy days (physical + mental) (past 30 days)

Kessler - Psychological Distress Scale (K6) (panel B+C)

K1R- K6R	K6 items recoded 0 through 4
K6L	K6 Likert summary score (0-24)
K6_13PLUS	K6 score - 13+ cut-off (based on 0-24 scoring) – serious distress
K6_5PLUS	K6 score - 5+ cut-off (based on 0-24 scoring) - medium to serious distress
K6_3CATS	K6 score – 3 categories (based on 0-24 scoring) – low, medium, serious

Prescription Medication for Anxiety and Depression (panel B+C)

ANX12M	Any use of anxiety medication - past 12m
DEP12M	Any use of depression medication - past 12m

Prescription OPIOID Pain Reliever Use (panel B+C)

PR12M	Any use of prescription pain reliever - past 12m
MPR12M	Any medical use of prescription pain reliever - past 12m
NMPR12M	Any non-medical use of prescription pain reliever - past 12m
PRHI12M	Prescription pain reliever - use to get high - past 12m

Gambling (panel C)

LOTTERY	Bought lottery tickets
SPORTSEL	Bought Sports Select/Proline tickets
BINGO	Spent money playing bingo
HORSES	Bet on horse races
CASINO	Gambled at a casino
CASLOTS	Bet on slots at a casino
CASGAME	Bet on table games at a casino
CARDS	Bet money on card games
SPORTS	Bet money on sports/sport pools
ONLINEG	Bet money over the Internet
TOTGAMB	Number of gambling activities - lottery included
TOTG_NL	Number of gambling activities - lottery excluded

Gambling Problems PGSI (Canadian Problem Gambling Severity Index) (panel C)

PGSI	PGSI summary score (based on 0-27 scoring)
PGSI4	PGSI - Risk level - 4 categories - no risk, low risk, moderate risk, high risk
PGSI_BI	Any gambling problems (binary; 1+ symptoms)
PGSI8	PGSI score - 8+ cut-off (based on 0-27 scoring) (high risk gambling)
PGSI3	PGSI score - 3+ cut-off (based on 0-27 scoring) (moderate/high risk gambling)

Use of Electronic Devices (panel C)

QFVWKGM	Average no. of hours/week playing games
HRSWKGM	Hours per week playing games - 5 categories
QFVWKEM	Average no. of hours/week using Email/Social Media
HRSWKEM	Hours per week using Email/Social Media - 5 categories

Problematic Use of Electronic Devices (panel C)

PEDU6S	PEDU6 summary score (0-6)
PEDU6_1	PEDU6S cut-off score 1+ (based on 0-6 scoring) (any problematic use)
PEDU6_3	PEDU6S cut-off score 3+ (based on 0-6 scoring) (moderate/severe use)

Demographics

AGECAT3	Age recoded in 3 categories
AGECAT4	Age recoded in 4 categories
AGECAT5	Age recoded in 5 categories
EDUCAT4	Highest level of education recoded (4 categories)
MARSTAT3	Marital status recoded (3 categories)
MSTAT4	Marital status recoded (4 categories)
EMPCAT8	Employment status recoded (8 categories)
HINCCAT5	Household Income (5 categories)
HINC5	Household Income - higher income groups (5 categories)
LANG	Language spoken at home
RURAL	Location of Household (rural, non-rural)
LHIN	Local Health Integration Networks (14 categories)
IMIG	Foreign born (y/n)

Table D.1
Frequently Used Socio-Demographic Measures

Measure/ Variable name	Number of Categories and Category Type	
Gender - sex	2	Men; Women
Age (in years) - agecat5	5	18-29; 30-39; 40-49; 50-64; 65+
- agecat4	4	18-29; 30-39; 40-49; 50+
- agecat3	3	18-34; 35-54; 55+
Marital Status - mstat4	4	Married/ living with partner; widowed; divorced or separated; never married.
- marstat3	3	Married (including living as married); previously married (i.e. widowed, divorced or separated); never married.
Region - region	6	<u>Design Strata</u> – based on telephone area codes: Toronto (416, 647); Central West (226, 519, 905, 289); Central East (705, 905, 289); West (519, 226); East (613, 343); North (705, 807) (see Table 2, pg.7)
- lhin	14	<u>Local Health Integration Networks (LHIN)</u> – based on 14 geographic areas of Ontario: Erie St. Clair; South West; Waterloo Wellington; Hamilton Niagara Haldimand Brant; Central West; Mississauga Halton; Toronto Central; Central; Central East, South East; Champlain; North Simcoe Muskoka; North East, and North West (see map pg.158)
Education - educat4	4	Less than high school; completed high school; some college or university; completed university degree
Gross Annual Household Income (in thousands) - hincat5	5	Less than \$30K; \$30-\$49K; \$50-\$79K; \$80K+; not stated
Gross Annual Household Income (in thousands)- higher cut-offs - hinc5	5	Less than \$40K; \$40-\$69K; \$70-\$99K; \$100K+; not stated
Immigrant Status - imig	2	Born outside Canada; Born in Canada

Table D.2
Definition of Some Frequently Used Addiction and Mental Health Measures

Measure/ Variable name	Definition
ALCOHOL USE	
Drinking status - alcstat3	Percentage belonging to one of three groups: <i>lifetime abstainers</i> (those never drinking alcohol in their lifetime); <i>former drinkers</i> (those drinking alcohol in lifetime, but not in past 12 months); and <i>current drinkers</i> (those reporting drinking alcohol in past 12 months) (Available 1996–2016).
Past-year drinking -alc12m	Percentage reporting drinking alcohol at least once during the 12 months before the survey (Available 1996–2016).
Daily drinking - aldaily	Percentage reporting drinking at least one alcoholic drink everyday during the 12 months before the survey (Available 1996–2016).
Five or more drinks weekly (Binge drinking) - fivewk	Percentage reporting drinking five or more alcoholic drinks on a single occasion on a weekly basis during the 12 months before the survey (Available 1996–2016).
Number of drinks consumed past-year - qfvol	Estimated number of alcoholic drinks consumed in past 12 months is the product of the frequency of drinking during the past 12 months and the number of drinks typically consumed per occasion (Available 1996–2016).
Exceeding low risk drinking guidelines (LRDG) - lrdg2011	Percentage exceeding the Low Risk Drinking Guidelines. Based on exceeding weekly and daily sex specific limits (men: no more than 15 standard drinks per week; women: no more than 10 standard drinks per week). Also, alcohol intake on any one day should not exceed 2 standard drinks for women or 3 standard drinks for men (Available 2003–2009, 2011–2014, 2016).
Hazardous or harmful drinking (AUDIT) -audit8	Percentage scoring 8+ on the AUDIT screener. Based on 10 items assessing alcohol intake and past 12 month alcohol-related problems (Available 1998–2016).
CIGARETTE USE	
Smoking status - sstatus5	Percentage classified to one of five categories: <i>never smokers</i> (never smoked 100+ cigarettes in lifetime); <i>former non-daily</i> (never smoked daily and did not smoke in the past 30 days); <i>former daily</i> (smoked daily but did not smoke in the past 30 days); <i>non-daily</i> (never smoked daily but did smoke occasionally in the past 30 days); <i>daily smoker</i> (smoked daily and did smoke in the past 30 days) (Available 1996–2016).
Current smoking - tob12m	Percentage reporting each of the 3 indicators: 1) smoking daily or occasionally, 2) having smoked over 100 cigarettes in their lifetime, and 3) having smoked within the past 30 days (Available 1996–2016).
Daily smoking - sdaily	Percentage reporting each of the 3 indicators: (1) smoking at least one cigarette daily, 2) having smoked over 100 cigarettes in their lifetime, and 3) having smoked within the past 30 days (Available 1996–2016).
Heaviness of smoking index -hsi; hsi3	Percent reporting nicotine dependence based on time to first cigarette in the morning (less than ½ hr) and number of cigarettes smoked daily (more than 10) (Available 1996–2016).
Electronic cigarette use - eciglfe - ecig12m	Percent reporting e-cigarette use (at least one puff) in their lifetime Percent reporting e-cigarette use (at least one puff) in the past 12m. (Available 2013-2016).

Measure/ Variable name	Definition
CANNABIS USE	
Lifetime cannabis use - canlife	Percentage reporting the use of marijuana or hashish at least once in their lifetime. (Available 1996–2016).
Past year cannabis use - can12m	Percentage reporting the use of marijuana or hashish at least once during the 12 months before the survey. (Available 1996–2016).
Cannabis use problems (ASSIST–CIS) - asistcn2	Percentage scoring 4+ on the Cannabis Involvement Score on the ASSIST screener. Derived from 6 items assessing cannabis consumption and past 3 month cannabis-related problems (Available 2004–2016).
OTHER DRUG USE	
Lifetime cocaine use - coclife	Percentage reporting the use of cocaine at least once in their lifetime (Available every even year between 1996–2010 and yearly 2011–2016).
Past-year cocaine use - coc12m	Percentage reporting the use of cocaine at least once during the 12 months before the survey (Available every even year between 1996–2010 and yearly 2011–2016).
Use of prescription opioid pain relievers - pr12m - nmpr12m	Percentage reporting medical and non-medical use of prescription-type pain relievers at least once during the 12 months before the survey (Available 2008–2016). - any use - nonmedical use
DRUGS AND DRIVING	
Driving after drinking - dkdriv	Percentage of drivers with a valid licence reporting driving within one hour of consuming two or more drinks of alcohol during the past 12 months (Available 1996–2016).
Driving after cannabis use - candriv	Percentage of drivers with a valid licence reporting driving within two hours of consuming cannabis during the past 12 months (Available 2002–2016).
OVERALL HEALTH (MENTAL and PHYSICAL)	
Kessler Psychological Distress Scale (K6) - k6_13plus - k6_5plus	Percentage scoring “13 or more” (serious distress) and “5 or more” (medium distress) on the K6 scales. The 6 items assess symptoms of low, medium and serious nonspecific psychological distress over the past 30 days (Available 2014–2016).
Use of prescribed anti-anxiety medication - anx12m	Percentage reporting the use of prescribed anti-anxiety medication at least once during the 12 months before the survey (Available 1997, 1999, 2001–2004, 2006, 2008, 2009–2016).
Use of prescribed antidepressant medication - dep12m	Percentage reporting the use of prescribed antidepressant medication at least once during the 12 months before the survey (Available 1997, 1999, 2001–2004, 2006, 2008, 2009–2016).
Health-related quality of life (HRQoL) - fairhlt - physdisd - fairmht - mentdisd	Percentage reporting two overall-health related items: poor health (defined as self-ratings of <i>fair</i> or <i>poor</i> health in general); and frequent physically unhealthy days (defined as reporting at least 14 or more days of poor health during the past 30 days) (Available 2003–2016). Percentage reporting two mental-health related items: poor mental health (defined as self-ratings of <i>fair</i> or <i>poor</i> mental health); and frequent mental distress days (defined as reporting at least 14 or more days of poor mental health during the past 30 days) (Available 2003–2016).

FREQUENTLY USED DERIVED VARIABLES

CIGARETTE SMOKING

SSTATUS3 Smoking status - Standard to Health Canada

Derived from items tc1, tc2, and tc5

SSTATUS3	DESCRIPTION	CODING
1	Current smoker (daily or occasional smoker; smoked 100 cigarettes in lifetime; smoked in past 30 days)	(tc1=1, 3) OR (tc1=5 AND tc2=1 AND tc5 =0,1)
2	Former smoker (includes those who quit- 1-11 months ago)	(tc1 =5 AND tc2=1 AND tc5=2,3,4,5) OR (tc1=3 AND tc5=2,3,4,5)
3	Never smoker (never 100 cigarettes)	tc2=5

SSTATUS5 Smoking status - detailed

Derived from SSTATUS3, and items tc3 and tc1

SSTATUS5	DESCRIPTION	CODING
1	Current daily smoker	SSTATUS3=1, AND tc1=1
2	Current non-daily smoker	SSTATUS3=1, AND tc1=3
3	Former daily smoker	SSTATUS3=2, AND tc3=1
4	Former non-daily smoker	SSTATUS3=2, AND tc3=5
5	Never 100 cigarettes	SSTATUS3=3

TOB12M Current smoking

(daily or occasional smoker and smoked at least one cigarette past 30 days)

Derived from SSTATUS3

TOB12M	DESCRIPTION	CODING
0	Not smoked (never 100 cigarettes or quit more than 30 days ago)	SSTATUS3=2,3
1	Daily or occasional smoker (smoked 100 cigarettes in lifetime; smoked in the past 30 days)	SSTATUS3=1

See also : **SDAILY** - Daily smoking (coded 0-1); **HSI; HSI3** – Heaviness of smoking index
NCIGCAT, NCIGTCAT - No. of cigarettes smoked in categories.

ECIGLIFE E-cigarette use - lifetime
Derived from item tecig2rc

ECIGLIFE	DESCRIPTION	CODING
0 = no	Never used	tecig2rc=5, 7
1= yes	Ever used in lifetime (at least one puff)	tecig2rc=1

ECIG12M E-cigarette use - past 12 months
Derived from item tecig2a – recoded for total sample

ECIG12M	DESCRIPTION	CODING
0 = no	Never used/ not used past 12 months	tecig2a=5 & eciglife=0
1= yes	Used past 12 months	tecig2a=1

ECIG30D E-cigarette use - past 30 days
Derived from item tecig2b – recoded for total sample

ECIG30D	DESCRIPTION	CODING
0 = no	Never used/ not used past 30 days	tecig2b=5 & ecig12m=0
1= yes	Used past 30 days	tecig2b=1

ALCOHOL

ALCSTAT3 Drinking status - past 12 months
Derived from items ac1 and ac2

ALCSTAT3	DESCRIPTION	CODING
1	Past 12 months drinker	ac1=1
2	Former drinker (lifetime drinker; no drinks past 12m)	ac2=1 AND ac1=5
3	Abstainer (never drank)	ac2=5 AND ac1=5

ALC12M Alcohol use past 12 months
Derived from ALCSTAT3

ALC12M	DESCRIPTION	CODING
0	Not used alcohol past 12 months	ALCSTAT3=2,3
1	Used alcohol past 12 months	ALCSTAT3=1

See also : **ALCLIFE** – Used alcohol lifetime; **ALC30D** – Used alcohol past 30 days.

QFVOL Volume of alcohol consumed in standard drinks in past year.
Estimated using usual quantity × usual frequency approach.

Derived from items ac5 and ac6a.

$QFVOL = ac5 \text{ (recoded)} \times ac6a.$

Note: AC5 (frequency of use of alcohol) and related frequency categories are recoded on a times per year scale as follows:

- 1 'more than once a day' = 365 times
- 2 'about every day' = 365 times
- 3 '4 to 5 times a week' = 234 times
- 4 '2 to 3 times a week' = 130 times
- 5 'once a week' = 52 times
- 6 '2 to 3 times a month' = 30 times
- 7 'once a month' = 12 times
- 8 'less than once a month' = 6 times

QFVOL	DESCRIPTION
0 through 9,000	Number of standard drinks in past 12 months
99999	Missing

See also : **QFVOLWK** - Volume of alcohol consumed weekly in standard drinks in past year.

ALDAILY Daily drinking

Derived from item ac5 -- recoded for total sample.

ALDAILY	DESCRIPTION	CODING
0	Non-daily /non-drinker past 12 months	ac5=3 through 8, and system missing=0
1	Daily drinker past 12 months	ac5=1,2

FIVEWK Five or more drinks in a single sitting weekly (in the past 12 months)

Derived from item five – recoded for total sample

FIVEWK	DESCRIPTION	CODING
0	No/ non-drinker past 12 months	five =5 through 9, and system missing =0
1	Five plus weekly past 12 months	five =1 through 4

See also:

FIVEMN - Five or more drinks in a single sitting monthly;**FIVE30BI** - Five or more drinks in a single sitting at least once in the past 30 days.**ALC7D Total drinks in past 7 days (in standard drinks) (Panel A sample)**

Derived from items sunday to saturday – total no. of standard drinks consumed in each of the past 7 days

ALC7D = summation of items sunday, monday, ..., saturday

AUDIT, AUDIT8**AUDIT derived variables****Harmful and Hazardous Drinking – based on WHO’s Alcohol Use Disorders Identification Test (AUDIT)**

The World Health Organization sponsored the development of the screening instrument – the *Alcohol Use Disorders Identification Test* (AUDIT) – designed to detect problem drinkers at the less severe end of the spectrum (Babor, Higgins-Biddle, Saunders, & Monteiro, 2001; Saunders, Aasland, Babor, De la Fuente, & Grant, 1993). The AUDIT assesses hazardous and harmful drinking. *Hazardous* drinking refers to an established pattern of drinking that increases the likelihood of future physical, social and mental health problems (e.g., liver disease), whereas *harmful* drinking refers to a pattern of drinking that is already causing (or having caused) damage to health (e.g., alcohol-related injuries; depression). A score of 8 or more is the validated threshold or cut score used to classify individuals who drink at hazardous or harmful levels.

Derived **AUDIT** variables (**AUDIT**, **AUDIT8**) are derived from the following items:

Variable name	AUDIT Items	Recorded category
Alcohol Intake		
ac5 (aud1)	1. How often did you drink alcoholic beverages during the past 12 months?	0. Never
		1. Monthly or less
		2. 2-4 times/month
		3. 2-3 times/week
		4. 4+ times/week
ac6a (aud2)	2. On those days when you drink, how many drinks do you usually have?	0. None/ or One
		1. Two to Three
		2. Four
		3. Five to Seven
		4. Eight or more
five (aud3)	3. About how often during the past 12 months would you say that you had five or more drinks at the same sitting or occasion?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
Dependence Indicators		
aud4	4. How often during the last year have you found that you were not able to stop drinking once you had started?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
aud5	5. How often during the last year have you failed to do what was normally expected from you because of drinking?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
aud6	6. How often during the last year have you needed a first alcoholic drink in the morning to get yourself going after a heavy drinking session?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily

Variable name	AUDIT Items	Recorded category
Adverse Consequences		
aud7	7. How often during the last year have you had a feeling of guilt or remorse after drinking?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
aud8	8. How often during the last year have you been unable to remember what happened the night before because you had been drinking?	0. Never
		1. Less than monthly
		2. Monthly
		3. Weekly
		4. Daily or almost daily
aud9	9. Have you or someone else ever been injured as a result of your drinking?	0. No
		2. Yes, but not last year
		4. Yes, during last year
aud0 (aud10)	10. Has a relative or friend or a doctor or other health worker ever been concerned about your drinking or suggested that you cut down?	0. No
		2. Yes, but not last year
		4. Yes, during last year

Note: Intermediate variables **aud1t, aud2t, aud3t, aud4t, aud5t, aud6t, aud7t, aud8t, aud9t, aud10t** were derived to calculate the AUDIT score. Variables **aud1t** to **audit10t** are percentage to the total sample (i.e., not based on drinkers only) and best used for analyzing individual AUDIT items.

AUDIT

AUDIT score (total sample)

Items aud1 to aud10 were recoded for total sample (i.e., nondrinkers set to 0: aud1t to aud10t).

summation of weighted scored categories: **aud1t, aud2t, aud3t, aud4t, aud5t, aud6t, aud7t, aud8t, aud9t, aud10t**

min: 0 max: 40 (higher score = increased likelihood of hazardous/harmful drinking pattern)

AUDIT8

AUDIT score cut-off 8+ (drink at hazardous or harmful levels)

Derived from AUDIT (based on 0-40 scoring)

AUDIT8	DESCRIPTION	CODING
0 = no	AUDIT score less than 8	AUDIT ≤ 7
1 = yes	AUDIT score of 8 and over	AUDIT ≥ 8

See also:

AUDIT DOMAINS

AUDITC	AUDIT score for consumption/ intake Derived from aud1t to aud3t; range [0-12] AUDITC = summation of (aud1t, aud2t, aud3t)
AUDITD	AUDIT score for dependence Derived from aud4t to aud6t; range [0-12] AUDITD = summation of (aud4t, aud5t, aud6t)
AUDITAC	AUDIT score for adverse consequences Derived from aud7t to aud10t; range [0-16] AUDITAC = summation of (aud7t, aud8t, aud9t, aud10t)
AUDITP	AUDIT score for problems (adverse consequences + dependence) Derived from aud4t to aud10t; range [0-28] AUDITP = summation of (aud4t, aud5t, aud6t, aud7t, aud8t, aud9t, aud10t)

EXCEEDING LOW RISK DRINKING

(percentage exceeding Canada's low-risk drinking guidelines) (Panel B only)

Canadian guidelines establishing *low-risk drinking* were initially disseminated in 1994 following an international conference on health benefits and risks (Ashley, Ferrence, Room, Rankin, & Single, 1994). In 1997, revised guidelines were released by the former Addiction Research Foundation (currently CAMH) and the Canadian Centre on Substance Abuse (Bondy et al., 1999).

Released on November 25, 2011, the revised [Canada's Low-Risk Alcohol Drinking Guidelines](#) (LRDG) were developed by the [National Alcohol Strategy Advisory Committee](#) (NASAC) to help Canadians make healthier choices about their alcohol consumption. The revised LRDG recommend, **for women**, no more than **two drinks a day AND no more than 10 standard drinks a week**, AND **for men**, no more than **three drinks a day AND no more than 15 standard drinks a week**. A secondary recommendation not involved in the LRDG classification is that both men and women plan one or more non-drinking days each week, to help avoid developing dependence. The LRDGs suggest limits to reduce harm on single occasions, and highlight situations where alcohol should be avoided altogether, such as when taking medication, pregnancy, driving, or when living with mental or physical health problems. Also, caution should be taken to avoid intoxication and injury. The guidelines are intended to represent low risk of the most important forms of harm and to address usual drinking over many years.

The derived variable, **LRDG2011**, is the percentage **exceeding** the revised low-risk drinking guidelines. It is derived from items ALC7D and items sunday through saturday.

LRDG2011	DESCRIPTION	CODING	
		Men	Women
0	Not exceeding LRD/ non-drinker (past 7days)	15 or fewer drinks/week AND 3 or fewer drinks/day	10 or fewer drinks/week AND 2 or fewer drinks/day
1	Exceeding weekly and daily sex-specific limits (past 7 days)	16+ drinks/week 4+drinks/in single day	11+ drinks/week 3+ drinks/in single day

ILLICIT DRUGS

CANNABIS

CANLIFE **Lifetime cannabis use**
Derived from item cn1

CANLIFE	DESCRIPTION	CODING
0 = no	Never used	cn1=5
1= yes	Ever used in lifetime	cn1=1

CAN12M **Cannabis use past 12 months**
Derived from item cn2 – recoded for total sample

CAN12M	DESCRIPTION	CODING
0 = no	Never used/ not used past 12 months	cn2=9
1= yes	Used past 12 months	cn2=1 through 8

CAN3M **Cannabis use past 3 months (Panel B)**
Derived from item cn3m – recoded for total sample

CAN3M	DESCRIPTION	CODING
0 = no	Never used/ not used past 3 months	cn3m=0
1= yes	Used past 3 months	cn3m=1 through 4

See also: **cannabis use past 30 days (CAN30D)**.

CANNABIS PROBLEMS

Cannabis Involvement Score (ASSIST-CIS) (Subscale of the WHO ASSIST- Alcohol, Smoking and Substance Involvement Screening Test) (Panel B)

The World Health Organization sponsored the development of the **Alcohol, Smoking and Substance Involvement Screening Test (ASSIST)** a screener designed to assess, for users of specific substances, the risk of experiencing health and other adverse consequences (e.g. social, financial, legal, relationship) from their current pattern of use (WHO ASSIST Working Group, 2002).

To assess cannabis problems we used the 6-item **Cannabis Involvement Score (CIS)** a sub score of the **WHO-ASSIST** (see items can3m, cnas1 to cnas5).

Introduced to the CAMH Monitor in 2000, the **ASSIST-CIS** was asked of **past 3 month** cannabis users. Weighted scores assigned to categories of the 6 items are summated to form a total scale ranging from 0 to 39. Three categories are used to classify the risk of experiencing health and other problems: 1) *low* (scores of 0–3) identifies those with a low risk of health and other problems based on one’s current pattern of cannabis use; 2) *moderate* (scores of 4–26) identifies those who are at risk of health and other problems based on their current pattern of cannabis use; and 3) *high* (scores of 27 +) identifies those with a high risk of experiencing severe problems, including dependence, based on their current pattern of cannabis use.

Derived **ASSIST-CIS** variables (**ASISTCAN, ASISTCN3**) are derived from the following items:

Variable name (total sample variable)	ASSIST-CIS Items	Category score
can3m (ascan1)	1. How often have you used cannabis, marijuana or hash during the PAST THREE months?	0. Never
		2. Once or twice
		3. Monthly
		4. Weekly
		6. Daily or almost daily
cnas1 (ascan2)	2. During the PAST 3 MONTHS, how often have you had a strong desire or urge to use cannabis, marijuana or hash?	0. Never
		3. Once or twice
		4. Monthly
		5. Weekly
		6. Daily or almost daily
cnas2 (ascan3)	3. During the PAST 3 MONTHS, how often has your use of cannabis, marijuana or hash led to health, social, legal or financial problems?	0. Never
		4. Once or twice
		5. Monthly
		6. Weekly
		7. Daily or almost daily

Variable name (total sample variable)	ASSIST-CIS Items	Category score
cnas3 (ascan4)	4. During the PAST 3 MONTHS, how often have you failed to do what was normally expected of you because of your use of cannabis, marijuana or hash?	0. Never
		5. Once or twice
		6. Monthly
		7. Weekly
		8. Daily or almost daily
cnas4 (ascan5)	5. Has a friend, relative, a doctor or anyone else ever expressed concern about your use of cannabis, marijuana or hash?	0. Never
		3. Yes, not past 3 months
		6. Yes, past 3 months
cnas5 (ascan6)	6. Have you ever tried and failed to control, cut down or stop using cannabis, marijuana or hash?	0. Never
		3. Yes, not past 3 months
		6. Yes, past 3 months

Note: Items **ascan1**, **ascan2**, **ascan3**, **ascan4**, **ascan5**, **ascan6** should be used if analysing individual ASSIST items.

ASISTCAN Cannabis ASSIST score (total sample) (Panel B)

Derived from 6 items: cn3m, cnas1 through cnas5 (For total sample estimation, the following variables – ascan1, ascan2, ascan3, ascan4, ascan5, ascan6 – were recaptured by assigning skipped nonusers a value of 0.)

summation of weighted categories for items: **ascan1**, **ascan2**, **ascan3**, **ascan4**, **ascan5**, **ascan6**.
min: 0 max: 39 (higher score = increased likelihood of experiencing problems)

ASISTCN3 Risk level for cannabis consumption - 3 categories (Panel B)

Derived from ASISTCAN score

ASISTCN3	DESCRIPTION	CODING
0= low	Score ≤ 3 Low risk of health and other problems from current pattern of use.	ASISTCAN ≤ 3
1= moderate	$4 \geq$ Score ≤ 26 At risk of health and other problems from current pattern of use. Brief intervention warranted.	ASISTCAN ≥ 4 and ≤ 26
2= high	Score ≥ 27 High risk of experiencing severe health and other problems, including dependency. More intensive treatment warranted.	ASISTCAN ≥ 27

ASISTCN2 Risk level for cannabis consumption - 2 categories (Panel B)
 Derived from ASISTCAN score – categories (moderate/high) combined

ASISTCN2	DESCRIPTION	CODING
0= low	Score \leq 3 Low risk of developing health and other problems	ASISTCAN \leq 3
1= moderate/ high	Score \geq 4 Moderate or high risk of developing health and other problems; likely to develop dependence.	ASISTCAN \geq 4

COCAINE

COCLIFE Lifetime cocaine use (panel B+C)
 Derived from item ck1

COCLIFE	DESCRIPTION	CODING
0	Never used	ck1=5
1	Used in lifetime	ck1=1

COC12M Cocaine use past 12 months (panel B+C)
 Derived from item ck2r – coded for total sample

COC12M	DESCRIPTION	CODING
0	Never used/not used past 12 months	coclife=0 ck2r=5
1	Used past 12 months	ck2r=1

DRIVING AND SUBSTANCE USE

DKDRIV Drinking and driving past 12 months (panel B)
Derived from item dd1; estimated among valid licenced drivers

DKDRIV	DESCRIPTION	CODING
0	Not driven after consuming 2+ drinks within 1 hour of driving in past 12 months	dd1=5, 7 and system missing =0 (Panel B only)
1	Driven after consuming 2+ drinks within 1 hour of driving at least once in past 12 months	dd1=1

See also : **DKDRIV30** – Driven after drinking at least once past 30 days (based on item dd2);
DRIVER – Licensed driver past 12m (Derived from item sd7b).

CANDRIV Driving after cannabis use past 12 months (panel B)
Derived from item cdr1, recoded for all valid drivers

CANDRIV	DESCRIPTION	CODING
0	Not driven within 1 hour after using cannabis in past 12 months	cdr1=5, 7 and system missing =0 (Panel B only)
1	Driven within 1 hour after using cannabis at least once in past 12 months	cdr1=1

DRTEXT Driving and texting past 12 months (panel B)
Derived from item drtext1, recoded for all valid drivers

DRTEXT	DESCRIPTION	CODING
0	No texting while driving in past 12 months	drtext1=0 and system missing =0 (Panel B only)
1	Texting while driving at least once in past 12 months	drtext1=1

MENTAL HEALTH and GENERAL HEALTH

1. K6 - KESSLER 6-ITEM PSYCHOLOGICAL DISTRESS SCALE

For the first time in 2014, the CAMH Monitor included the *Kessler 6-Item Psychological Distress Scale*, which is a 6-item screening instrument designed to detect nonspecific psychological distress (symptoms of anxiety and depression) (Kessler et al., 2002, Kessler et al., 2003). Note that this is a screening instrument and is not used for clinical diagnoses.

Each of the 6 items wording begins with the wording: "*In the past 30 days how often did you....*". Response categories are on a 5-point frequency scale ranging from (1) "*None of the time*" to (5) "*All of the time*". The K6 items have been rescaled to a 0–4 scale for the purpose of summation (k1r to k6r in the dataset).

K6 variables (k1r to k6r) are comprised of the following items:

In the past 30 days how often did you , ...	Category scores
k1r. ... how often did you feel nervous?	0. None of the time
	1. A little of the time
	2. Some of the time
	3. Most of the time
	4. All of the time
k2r. ... how often did you feel hopeless?	0. None of the time
	1. A little of the time
	2. Some of the time
	3. Most of the time
	4. All of the time
k3r. ...how often did you feel restless or fidgety?	0. None of the time
	1. A little of the time
	2. Some of the time
	3. Most of the time
	4. All of the time
k4r. ... how often did you feel so depressed that nothing could cheer you up?	0. None of the time
	1. A little of the time
	2. Some of the time
	3. Most of the time
	4. All of the time
k5r. ... how often did you feel that everything was an effort?	0. None of the time
	1. A little of the time
	2. Some of the time
	3. Most of the time
	4. All of the time

In the past 30 days how often did you , ...	Category scores
k6r. ... how often did you feel worthless?	0. None of the time
	1. A little of the time
	2. Some of the time
	3. Most of the time
	4. All of the time

K6L K6 Likert summary score (0-24) (panel B+C)

Derived from items k1r to k6r.

Total Score **K6L** = summation of: k1r, k2r, k3r, k4r, k5r, k6r.

min: 0 max: 24 (higher score = increased likelihood of psychological distress)

K6_13PLUS K6 cut score 13+ (Serious Psychological Distress) (panel B+C)

Derived from K6L

To estimate the percentage experiencing a high level of psychological distress (called “serious psychological distress”), we used a cut-off score of 13 or higher (of 24).

K6_13PLUS	DESCRIPTION	CODING
0 = no	K6L score less than 13	K6L < 13
1 = yes	K6L score of 13 and more	K6L ≥ 13

K6_5PLUS K6 cut score 5+ (Moderate to Serious Psychological Distress) (panel B+C)

Derived from K6L

To estimate the percentage experiencing a moderate to high level of psychological distress (called “medium psychological distress”), we used a cut-off score of 5 or higher (of 24).

K6_5PLUS	DESCRIPTION	CODING
0 = no	K6L score less than 5	K6L < 5
1 = yes	K6L score of 5 and more	K6L ≥ 5

2. HRQoL - HEALTH-RELATED QUALITY OF LIFE MEASURES

The HRQoL, introduced into the CAMH Monitor in 2003, is a health-related quality of life core module (HRQOL-4) developed by the Centers for Disease Control and Prevention (CDC) for surveillance activities of the Behavioral Risk Factor Surveillance System (BRFSS).

The CDC-sponsored brief survey tool identifies health-related quality of life in adult populations (Moriarty, Zack, & Kobau, 2003; Ôunpuu, Krueger, Vermeulen, & Chambers, 2000). The four-item HRQoL measures self-rated health, past 30-day physical and mental unhealthy days, and recent activity limitation. HRQoL measures capture the key concepts of health, identified by the World Health Organization (WHO) in 1948, as “a state of complete physical, mental, and social well-being – not merely the absence of disease or infirmity.”

HRQoL measures consist of 4 items: **gh1**, **hs1a**, **gh2r**, **gh3r**. Unlike other health profiles the HRQoL indicators **do not use a summary score** or subscale scores based on psychometrically derived or preference-based weights. The only scoring used is a count of *unhealthy days*, computed by summing a respondent’s physically and mentally unhealthy days, right censored at 30 days per person. For comparing populations and examining patterns and trends, population means are generally used for the *unhealthy days* measures. For some analyses, classified indicators based on a cut point are used; for example, *frequent mental distress* is defined as 14 or more mentally unhealthy days reported by a respondent.

HRQoL Items

gh1

In general, would you say your health is excellent, very good, good, fair or poor?

(Excellent; Very good; Good; Fair; Poor)

hs1a

In general, would you say your overall MENTAL HEALTH is excellent, very good, good, fair, or poor ?

(Excellent; Very good; Good; Fair; Poor)

(Panel B sample only)

gh2r

Now thinking about your physical health, which includes physical illness and injury, for how many days in the last 30 days was your physical health not good?

(0–30 days)

gh3r

Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?

(0–30 days)

DERIVED HRQoL VARIABLES

FAIRHLT **Percent fair or poor health**
 Derived from item gh1 (self-rated health)
 Dichotomized: 0=(excellent, very good, good); 1= (fair, poor)

FAIRMHLT **Percent fair or poor mental health**
 Derived from item hs1a (self-rated mental health)
 Dichotomized: 0= (excellent, very good, good); 1= (fair, poor)

(panel B only)

UNHLTPD **Physically unhealthy days** (in the past 30 days)
 Derived from item gh2r.
 Range: 0–30.

UNHLTMD **Mentally unhealthy days** (in the past 30 days)
 Derived from item gh3r.
 Range: 0–30.

UNHLTD **Sum of unhealthy days (physically & mentally)** (in the past 30 days)
 Sum of items UNHLTPD and UNHLTMD, which, following CDCs practice, are right censored at 30 (i.e., values exceeding 30 are revalued to 30).
 Range: 0–30.

MENTDISD **Frequent mental distress days** (14+ days in the past 30 days)
 Derived from item UNHLTMD (mentally unhealthy days)
 Dichotomized: 0= (0-13 days); 1= (14+ days)
 (as recommended by CDC).

PRESCRIPTION OPIOIDS (PO)

PR12M **Any use of PO pain relievers past 12 months (panel B+C)**
 Derived from po1 and po2

PR12M	DESCRIPTION	CODING
0	Not used any PR past 12 months	po1 =9
1	Used any PR past 12 months	po1 or po2 =1 through 6

MPR12M **Any medical use of PO pain relievers past 12 months (panel B+C)**
 Derived from po1

MPR12M	DESCRIPTION	CODING
0	Not used PR medically past 12 months	po1 =9
1	Used PR medically past 12 months	po1=1 through 6

NMPR12M **Any non-medical use of PO pain relievers past 12 months (panel B+C)**
 Derived from po2

NMPR12M	DESCRIPTION	CODING
0	Not used PR non-medically past 12 months	po2 =9
1	Used PR non-medically past 12 months	po2=1 through 6

PRH12M **Any use of PO pain relievers to get high past 12 months (panel B+C)**
 Derived from pr7, recoded for total sample

PRH12M	DESCRIPTION	CODING
0	Not used PR to get high past 12 months	pr7 =5 and pr12m=0
1	Used PR to get high past 12 months	pr7=1

GAMBLING (panel C only)

1. GAMBLING INVOLVEMENT (PAST 12 MONTHS)

Derived gambling involvement in the past 12 months variables are based on 9 frequency items (g1 to g9; 7 categories) recoded into 10 binary variables (1=yes/ 0=no) as follows: **Lottery** (bought lottery tickets), **Sportsel** (bought Sports Select/Proline tickets), **Bingo** (spent money playing bingo), **Horses** (bet on horse races), **Casino** (gambled at a casino), **Caslots** (bet on slots at a casino), **Casgame** (bet on table games at a casino), **Cards** (bet money on card games), **Sports** (bet money on sports/sport pools), and **Onlineg** (bet money over the Internet) (see **recoding example below**)

LOTTERY Bought lottery tickets past 12 months (panel C)

Based on g1

LOTTERY=	DESCRIPTION	CONDITION
0 = no	Never past 12 months	g1 =7
1= yes	Bought tickets past 12 months	g1= 1 through 6

See also: **SPORTSEL, BINGO, HORSE, CASLOTS, CASGAME, CASINO, CARDS, SPORTS, ONLINEG**

TOTGAMB

Total number of gambling activities- lotteries included

Sum of binary gambling items (lottery, sportsel, bingo, horse, caslots, casgame, casino, cards, sports, onlineg).

Range: 0–9.

TOTG_NL

Total number of gambling activities- lotteries excluded

Sum of binary gambling items (sportsel, bingo, horse, caslots, casgame, casino, cards, sports, onlineg).

Range: 0–8.

2. GAMBLING PROBLEMS

CPGI (CANADIAN PROBLEM GAMBLING INDEX) PGSI (PROBLEM GAMBLING SEVERITY INDEX)

Gambling Problems were measured using 9 items of the Canadian Problem Gambling Index (CPGI) and its Problem Gambling Severity Index (PGSI) (non-gamblers, no risk gamblers, low risk gamblers, moderate risk gamblers and high risk/problem gamblers) (Ferris and Wynne, 2001; Wiebe et al, 2001). The CPGI was developed in 2000 by a research team funded by the Canadian Centre of Substance Abuse for the Inter-Provincial Task Force on Problem Gambling. The goal was to develop a new, more meaningful measure for problem gambling for use in general population surveys. Although the CPGI does not provide a clinical determination of psychiatric disorder, it does provide an indication of an individual's risk of future problems. The gambling items have been asked only of Panel C respondents.

Derived **CPGI** variables are based on the following items:

Thinking about the past 12 months ...	Recoded Categories
cpgi1 ... how often have you bet more than you could really afford to lose?	0. Never 1. Sometimes 2. Most of the time 3. Almost always
cpgi2 ... how often have you needed to gamble with larger amounts of money to get the same feeling of excitement?	0. Never 1. Sometimes 2. Most of the time 3. Almost always
cpgi3 ... when you gambled, how often did you go back another day to try to win back the money you lost?	0. Never 1. Sometimes 2. Most of the time 3. Almost always
cpgi4 ... how often have you borrowed money or sold anything to get money to gamble?	0. Never 1. Sometimes 2. Most of the time 3. Almost always
cpgi5 ... how often have you felt that you might have a problem with gambling?	0. Never 1. Sometimes 2. Most of the time 3. Almost always
cpgi6 ... how often has gambling caused you any health problems, including stress or anxiety?	0. Never 1. Sometimes 2. Most of the time 3. Almost always
cpgi7 ... how often have people criticized your betting or told you that you had a gambling problem, regardless of whether or not you thought it was true?	0. Never 1. Sometimes 2. Most of the time 3. Almost always
cpgi8 ... how often has your gambling caused any financial problems for you or your household?	0. Never 1. Sometimes 2. Most of the time 3. Almost always
cpgi9 ... how often have you felt guilty about the way you gamble or what happens when you gamble?	0. Never 1. Sometimes 2. Most of the time 3. Almost always

PGSI**Likert summary score (total sample) (panel C)**

Items cpgi1 to cpgi9 were first recoded for total sample (including “0” for non-gamblers)

Total score **PGSI**= summation of: cpgi1, cpgi2, cpgi3, cpgi4, cpgi5, cpgi6, cpgi7, cpgi8, cpgi9

min: 0 max: 27 (higher score = increased likelihood of gambling problems)

PGSI4**Risk level for gambling problems - 4 categories (panel C)**

Based on PGSI score (total sample)

PGSI4=	DESCRIPTION	CONDITION
0= no risk	Score =0 No risk of developing gambling problems	PGSI = 0
1= low risk	1<= Score <=2 Low risk of developing gambling problems	PGSI ge 1 and le 2
2= moderate risk	3<= Score <=7 Moderate risk of developing gambling problems	PGSI ge 3 and le 7
3= high risk	Score >=8 High risk of developing gambling problems and likely to be pathological gambler	PGSI ge 8

PGSI_BI**Any gambling problems (1+) (binary) (panel C)**

Based on CPGIT score (total sample)

PGSI_BI=	DESCRIPTION	CONDITION
0= no risk	Score =0 No risk of developing gambling problems	PGSI = 0
1= any risk	Score >=1 Any gambling problems (1+)	PGSI ge 1

PGSI8 **PGSI score cut-off 8+ (at high risk of developing gambling problems, likely to be pathological gambler – binary) (panel C)**
Based on PGSI score

To estimate the percentage at high risk of developing gambling problems (likely to be pathological gambler), we used a cut-off score of 8 or higher (of 27).

PGSI8	DESCRIPTION	CONDITION
0= no	PGSI Score < 8	PGSI ≤ 7
1= yes	PGSI Score ≥ 8	PGSI ≥ 8

PGSI3 **PGSI score cut-off 3+ (at moderate risk of developing gambling problems– binary) (panel C)**
Based on PGSI score

To estimate the percentage at moderate risk of developing gambling problems, we used a cut-off score of 3 or higher (of 27).

PGSI3	DESCRIPTION	CONDITION
0= no	PGSI Score < 3	PGSI < 3
1= yes	PGSI Score ≥ 3	PGSI ≥ 3

PROBLEMATIC USE OF ELECTRONIC DEVICES

Using questions based on items from the Minnesota Impulsive Disorder Interview, a valid and reliable instrument used to screen for impulse control disorders (Grant, 2008; Grant, Levine, Kim & Potenza, 2005), six questions were used to assess at risk/problematic use of electronic devices. These items have been previously used to measure problematic Internet use (Liu et al., 2011; Yau, Potenza, & White, 2013). The item wording took the form listed below and **response categories** for the six items were **yes or no**.

Problematic Use of Electronic Devices items:

- puse1** During the past 12 months have you ever tried to cut back on your use of electronic devices?
- puse2** Has a family member ever expressed concern about the amount of time you use electronic devices?
- puse3** Have you ever missed school, work, or important social activities because you were using electronic devices?
- puse4** Do you think you have a problem with excessive use of electronic devices?
- puse5** Have you ever experienced an irresistible urge or uncontrollable need to use electronic devices?
- puse6** Have you ever experienced a growing tension or anxiety that can only be relieved by using electronic devices?

PEDU6S PEDU6 summary score (0-6) (Panel C).

Derived from items puse1 to puse6 recoded into pedu1 to pedu6.

Total Score **PEDU6S** = summation of: pedu1, pedu2, pedu3, pedu4, pedu5, pedu6.
min: 0 max: 6 (higher score = increased likelihood of problematic use)

Given the absence for formal criteria for problematic use of electronic devices, we used two thresholds to classify individuals as having problems with their use of electronic devices.

PEDU6_1 PEDU6S cut score 1+ (Possible problematic users) (Panel C)

Derived from PEDU6S

A liberal cut-off score of 1+ was employed and individuals who endorsed one or more of the six questions were classified as “possible problematic users”. Those who endorsed none of the six questions were classified as non-problematic users.

PEDU6_1	DESCRIPTION	CODING
0 = no	Score =0 No risk of developing problems	PEDU6S = 0
1= yes	Score >=1 Any problems (1+) – possible problematic user	PEDU6S >= 1

PEDU6_3 PEDU6S cut score 3+ (High risk users) (Panel C)

Derived from PEDU6S

A cut-off score of 3 or higher was employed to classify individuals as “high risk” users. Those who endorsed less than 3 of the six questions were classified as “low/moderate risk” users.

PEDU6_3	DESCRIPTION	CODING
0 = no	Score <=2 Low/moderate risk of developing problems	PEDU6S <= 2
1= yes	Score >=3 High risk of developing problems (3+)	PEDU6S >= 3

DEMOGRAPHICS

AGECAT3 **Age in 3 categories** Derived from age

agecat3	DESCRIPTION	CODING
1	18–34 years	age = 18 thru 34
2	35– 54 years	age = 35 thru 54
3	55 years or older	age = 55 thru max

AGECAT5 **Age in 5 categories** Derived from age

agecat5	DESCRIPTION	CODING
1	18–29 years	age= 18 thru 29
2	30–39 years	age = 30 thru 39
3	40–49 years	age = 40 thru 49
4	50–64 years	age = 50 thru 64
5	65 years or older	age = 65 thru 96

EDUCAT4 **Highest level of education (4 categories)** Derived from sd2

EDUCAT4	DESCRIPTION	CODING
1	less than high school	sd2 = 1 thru 4
2	completed high school	sd2 = 5
3	some post-secondary (college or university)	sd2 = 6 thru 10
4	university degree	sd2 = 11 thru 14

EMPCAT8 Employment status (8 categories)
Derived from sd6

EMPCAT8	DESCRIPTION	CODING
1	full-time	sd6=1
2	part-time	sd6=2
3	unemployed	sd6=4
4	Retired	sd6=5
5	homemaker	sd6=6
6	Student	sd6=7
7	self-employed	sd6=8
8	Other	sd6=0,3

MARSTAT3 Marital status (3 categories)
Derived from sd5

MARSTAT3	DESCRIPTION	CODING
1	Married/ Living with partner	sd5=1,2
2	Previously married (divorced, widowed, separated)	sd5=3,4,5
3	Never married	sd5=6

MSTAT4 Marital status (4 categories)
Derived from sd5

MSTAT4	DESCRIPTION	CODING
1	Married/ Living with partner	sd5=1,2
2	Widowed	sd5=3
3	Divorced/ Separated	sd5=4,5
4	Never married	sd5=6

IMIG **Immigrant – Foreign Born**
Derived from item sd8a (in what country were you born?)
Dichotomized: 0=born in Canada; 1= foreign born

RURAL **Location of household**
Derived from the FSA (forward sortation area= first 3 characters) of the POSTAL CODE.
Rural identified by presence of ‘0’ in second character.
Dichotomized: 0=rural; 1= nonrural

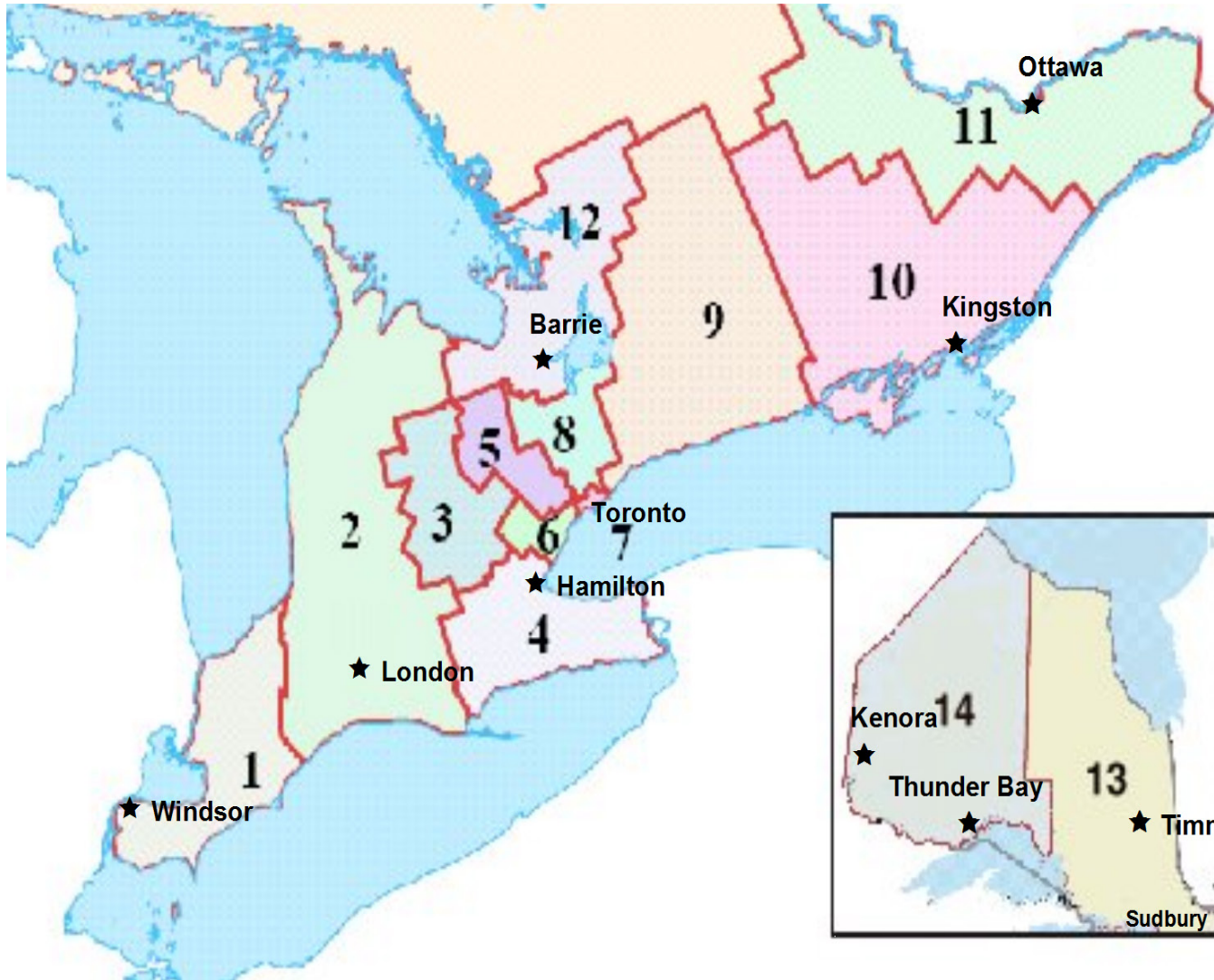
LHIN **Ontario’s Local Health Integration Networks**

In 2006, the Province of Ontario designated 14 geographic areas as *Local Health Integration Networks* (LHINs), each to function as health systems that plan, integrate and fund local health services (see <http://www.lhins.on.ca> and map at the end of this chapter). In the CAMH Monitor dataset the LHINs were derived from the respondent’s postal code (forward sortation area).

The 14 LHIN areas are as follows:

1. Erie St. Clair;
2. South West;
3. Waterloo Wellington;
4. Hamilton Niagara Haldimand Brant;
5. Central West;
6. Mississauga Halton;
7. Toronto Central;
8. Central;
9. Central East;
10. South East;
11. Champlain;
12. North Simcoe Muskoka;
13. North East;
14. North West

14 LHINs of Ontario



- 1 Erie St.Clair
- 2 South West
- 3 Waterloo Wellington
- 4 Hamilton Niagara Haldimand Brant
- 5 Central West
- 6 Mississauga Halton
- 7 Toronto Central
- 8 Central
- 9 Central East
- 10 South East
- 11 Champlain
- 12 North Simcoe Muskoka
- 13 North East
- 14 North West

HINCOME Household Income Before Taxes (year ending Dec 31, 2015)

HINCOME	DESCRIPTION	CODING
1	less than \$20,000	sd10 lt 20 or d10b=1
2	between \$20,000 and \$29,999.99	(sd10 ge 20 and sd10 lt 30) or d10b=2
3	between \$30,000 and \$39,999.99	(sd10 ge 30 and sd10 lt 40) or d10b=3
4	between \$40,000 and \$49,999.99	(sd10 ge 40 and sd10 lt 50) or d10b=4
5	between \$50,000 and \$59,999.99	(sd10 ge 50 and sd10 lt 60) or d10b=5
6	between \$60,000 and \$69,999.99	(sd10 ge 60 and sd10 lt 70) or d10b=6
7	between \$70,000 and \$79,999.99	(sd10 ge 70 and sd10 lt 80) or d10b=7
8	between \$80,000 and \$89,999.99	(sd10 ge 80 and sd10 lt 90) or d10b=8
9	between \$90,000 and \$100,000	(sd10 ge 90 and sd10 lt 100) or d10b=9
10	more than \$100,000	(sd10 ge 100) or d10b=10
98	Don' know	Don' know
99	Refused	Refused

HINCCAT5 Household Income (5 categories)

HINCCAT5	DESCRIPTION	CODING
1	less than \$30,000	(HINCOME le 2)
2	between \$30,000 and \$49,999.99	(HINCOME gt 2 and HINCOME le 4)
3	between \$50,000 and \$79,999.99	(HINCOME gt 4 and HINCOME le 7)
4	more than \$80,000	(HINCOME gt 7 and HINCOME le 10)
5	Not stated (refused or DK)	(HINCOME = 98 or HINCOME = 99)

HINC5 Household Income (5 categories) – higher income groups

HINC5	DESCRIPTION	CODING
1	less than \$40,000	(HINCOME le 3)
2	between \$40,000 and \$69,999.99	(HINCOME gt 3 and HINCOME le 6)
3	between \$70,000 and \$99,999.99	(HINCOME gt 6 and HINCOME le 9)
4	more than \$100,000	(HINCOME = 10)
5	Not stated (refused or DK)	(HINCOME = 98 or HINCOME = 99)

Appendix E

CAMH Monitor 2016 Dual - Frame Experiment

Toronto Region “Cell Phone” Sample

E. The Dual- Frame Experiment – Toronto Region Cell Phone Sample Pilot

An experiment using a “cell phone sample pilot” was implemented in the Toronto region, from April to September, 2016. The main purpose of this change in the sample selection method was to examine whether the “cell phone” sample can capture younger respondents than the list-assisted (mainly landline) telephone survey. The cell-phone only survey component was designed as an additional panel (called “Panel E”) and was added to the survey starting April 1st, 2016. The cell phone panel included only sets of questions that were asked in the telephone survey (the “Panel E” CATI interview is presented in **Appendix F**).

Data for this chapter “CAMH Monitor – Dual Frame Experiment 2016” were provided by the Institute for Social Research, York University.

Acknowledgements:

ISR Project Team

Project Management: Stella Park, David Northrup, Liza Mercier
Data Collection: Tammy Chi
Data Set Creation: Lily Li
CATI Development: Lily Li
Cell Phone Sample Selection: David Northrup
Data weighting: Hugh McCague
Field Supervisors: Shannon Lee, Korine Kim, Orville Campbell, David Law, Debbie Yuen
Clerical Assistance: Betty Tai

For more details about the survey data collection, please see:

Northrup, David (2017). *The 2016 CAMH Monitor Survey: Technical Documentation*. Toronto, ON: Institute for Social Research, York University

E1. Introduction

One of most important changes in telephone surveys in the past few years has been the adoption of dual frame survey designs that include cellphone numbers. In 2016, a cell phone sample component was introduced as a pilot study within the CAMH Monitor Survey. In Region 1 (Metro) 171 cell phone interviews were completed in 2016 (94 between April and June, and 77 between July and September).

E2. Sample Selection

Similar to the selection of the landline sample, cell phone telephone numbers were randomly selected from the Metro Region. However, unlike landline telephone numbers (where listed telephone numbers are compiled and supplemented with commercially available lists), a listing of cell phone numbers (i.e. 'phonebook') does not exist. Therefore, cell phone samples are created from the list of dedicated cell phone exchanges for the geographical area (in this case, Metro Toronto). The geographical information available for each number is limited to the area code (which determines broadly which area of the province the cell phone is used in) and the 'rate centre' (the city where that phone exchange switching station is located, and the free dialling zone associated with the cell phone number). This generally results in a larger calling zone and requires a larger sample and screening to determine if the cell phone number is in the designated area. Because it is not possible to obtain street (or mailing) addresses for cell phone numbers, advance letters are not mailed to households in advance of an interviewer calling. Similar to landline samples, the cell phone sample includes 'not-in-service' and 'non-residential' telephone numbers, but unlike landline numbers a non-trivial proportion of the numbers are screened out as they are not in the geographical area of interest.

E3. Respondent Selection

In landline samples, the second stage of the sample selection process is the random selection of a respondent from the selected household (using the birthday selection method if there is more than one adult in the household). The assumption is that the landline telephone number is associated with all eligible members of the household. For the CAMH Monitor cell phone sample, (as with most cell phone surveys, including the CDC's Behavioural Risk Factor Surveillance System)¹⁴, the assumption is that each cell phone is linked to a single individual and is not shared with other household members. Therefore, regardless of the number of adults living in the household, the adult user of the cell phone is selected as the respondent (i.e. no random respondent selection). The interviewing protocol for cell phones first determines whether the cell phone is used mainly for personal use, that the respondent is in a place where they can safely talk on the phone an answer questions, and that they are at least 18 years old.

¹⁴ https://www.cdc.gov/brfss/annual_data/2015/pdf/overview_2015.pdf

E4. Response Rate

The response rate for the cell phone sample component was calculated the same way as the CAMH Monitor's landline response rates have been calculated (#completed interviews/estimated # eligible respondents). As shown in the table below, the response rate was **35%**.

<i>CAMH Monitor, Cell Phone, Region 1 (Metro), April-Sept 2016</i>		
Completions	171	22%
Refusals	215	28%
Callbacks	98	13%
Ill/language problem/away/no adult	49	6%
Not in service/Non-residential	132	17%
Lives outside area	98	13%
Inaccessible/Not answered	13	2%
Total	776	100%
Eligibles (completions + refusals + callbacks)	484	62%
Not Eligibles (non-residential + ineligible hh's)	279	36%
Eligibility not determined (never answered)	13	2%
HH Eligibility rate (eligibles/(eligibles + not eligibles))	0.63	
Estimated eligibles (eligibles + (never answered * HH elig rate)	492	
Response rate (completions/est.eligibles times 100)	35%	
Refusal rate (refusals/est.eligibles times 100)	44%	

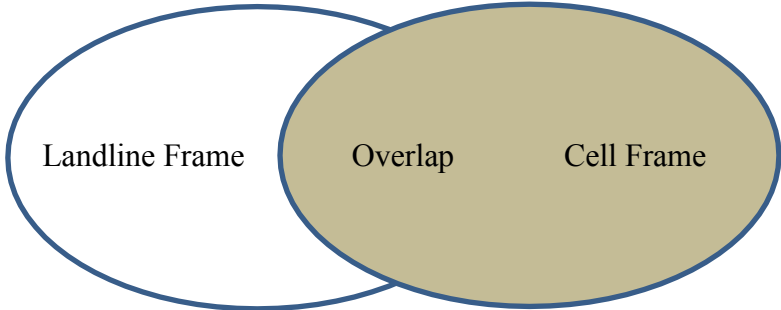
This response rate, surprisingly, exceeds the Metro landline response rate for 2016 by 1% (see table below). It is interesting to note that the proportion of eligibles in the landline and cell phone sample are almost the same, but the proportion of non-eligibles in the cell phone sample is higher, mostly due to the higher number of not in service and non-residential cell phone numbers and the high number of individuals that although have a cell phone number within the Metro sampling frame do not live in the Metro Region.

<i>CAMH Monitor, Landline, Region 1 (Metro), Jan-Dec 2016</i>		
Completions	515	24%
Refusals	712	33%
Callbacks	187	9%
Ill/language problem/away/no adult	313	15%
Not in serviceS/Non-residential	295	14%
Lives outside area	0	0%
Inaccessible/Not answered	168	8%
Total	2129	100%
Eligibles (completions + refusals + callbacks)	1414	66%
Not Eligibles (non-residential + ineligible hh's)	608	29%
Eligibility not determined (never answered)	168	8%
HH Eligibility rate (eligibles/(eligibles + not eligibles))	0.70	
Estimated eligibles (eligibles + (never answered * HH elig rate))	1531	
Response rate (completions/est.eligibles times 100)	34%	
Refusal rate (refusals/est.eligibles times 100)	46%	

E5. Dual Frame Household Weights

Because the CAMH Monitor employed a ‘dual frame’ sample methodology in the Metro (Toronto) region, dual frame weights are required if using the combined data set.

Dual frame refers to combining a single landline telephone sample frame, as used in previous years, with a single cell phone sample frame. These two sources for selecting the sample can be considered as overlapping sets as pictured in the diagram below.



In order to properly take account of the two sample components (cell phone and landline telephone numbers), as mentioned above, **dual frame household weights** for the CAMH Monitor are required.

These dual frame household weights are an extension of the previous form of household weights employed by the CAMH Monitor. The weights computed for the respondents in the combined 2016 CAMH Monitor data set use the dual frame computation and are marginally different from what they would be using the weighting procedures employed in previous years. These new weights can be applied in a manner similar to the previous form of household weights, and the results will closely approximate those using the previous form of household weights.

The **dual frame weights** are probability weights (i.e. weights proportional to the inverse of the probability of a respondent (individual case) being selected for the survey) (see Northrup, 2017 for more details).

In the single frame weights the probabilities of selection are based upon region and household size. For the “new” dual frame weights, in addition to region and household size, we need to account for different probabilities of selection based on whether or not the respondent could have been selected in a single frame (that is just from the landline sample **or** just from the cell phone sample), or whether they could have been interviewed in both frames (the land line frame and the cell phone frame). Details about the weights calculation are available upon request from the Institute for Social Research, York University (<http://www.isr.yorku.ca/services/survey.html>)

Analysis for data regions that did not include a cell phone frame as a contact method can still use the dual frame household weights.

Therefore, in the dual-frame data file we have **2 sets of weights**:

Set A (these **single frame weights** are consistent with those from 2015 and should be used only for the landline respondents)

hhwgtall	Household Weight (within Region) -- Cumulative-- Landline
rwgtall	Region Weight (within Region) -- Cumulative Landline
rhhwgtall	Region & Household Weight (within Region) -- Cumulative Landline

Set B (these **dual frame weights** are computed for both cell phone and landline and can be used for all respondents)

hhwgtdfall	Household Weight -- Cumulative -- Dual Frame Landline & Cell
rwgtdfall	Region Weight -- Cumulative -- Dual Frame Landline & Cell
rhhwgtdfall	Region & Household Weight -- Cumulative --Dual Frame Landline & Cell

Appendix F

CAMH Monitor CATI Questionnaire 2016

Cell Phone Interview (Panel E)

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TITLE: Ontario CAMH MONITOR 2016

PANEL "E" April - Sep 2016

Cell Phone Questionnaire – Toronto Area experiment

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[# **panel E** - This version of the ques should be asked of cell phone sample only]

[# **Asked in Toronto (416, 647)**

cnp8 cnp9 added for July cell phone start.

[# =====
=====]

>gend< [return][open cb][allow 1][loc 45/1]
[setkey <esc> to <skcb>]
[setkey <f7> to <j>]
[define <d><8>][define <r><9>]

[bold][yellow] INTERVIEWER: Enter respondent's gender please [n][white]

1 Male
5 Female

d Don't know
@

[@] <1,5,d>
[store gend in RGENDER]

>ssss< [if BTIM is <>][settime BTIM][endif]
[open cb]

>quex_wins< [window 2 background black] [# command window]
[window 3 background blue] [# entry window]

[window 4 start row 7 column 36]-----+
[window 4 size 17 rows 38 columns] | "pop up" help window
[window 4 border] |
[window 4 reference] |
[window 4 background yellow]-----+

>panel< [allow int 1][store <5> in panel][# 5, cell phone]

>Toronto< [define <d><8>][define <r><9>]

[r] **Do you live in Toronto Metro area?**
[n]

[bold][yellow]
Interviewer: If required, Toronto Metro area includes City of Toronto,

Etobicoke, York, North York, East York, and Scarborough.

[n][white]

1 yes
5 no

d don't know r refused
@

[@] <1> [goto int3]
<5,d,r> [goto EXIT]

[# ===== NOT IN AREA: TERMINATE INTERVIEW
=====]

>EXIT<

[r] Those are all the questions I have, I want to thank you very much for your [n]
[r] time. Goodbye.
[n]

Enter 1 to continue @

[@] <1>
[store <45> in CODE]-----+ [# CODE not eligible]
[store <45> in FNL] | [# FNL not eligible]
[if ETIM is <>][settime ETIM][endif] | [# stamp end of session]
[goto MOD9]-----+ [# go wrap up case]

[# ===== **GENERAL HEALTH QUESTIONS** =====
[#===== ASK ALL PANELS =====]

>int3<

[r] First, I'd like to begin with a few questions about your general health and [n]
[r] how you have been feeling lately.
[n]

Press enter to continue

@

[@][nodata]

>gh1< [define <d><8>] [define <r><9>]

[r] In general, would you say your overall HEALTH is excellent, very good, good,[n]

[r] fair or poor? [n]

- 1 Excellent
- 2 Very good
- 3 Good
- 4 Fair
- 5 Poor

d Don't Know r Refused
@

[@] <1-5,d,r>

>hs1a<

[r] In general, would you say your overall MENTAL HEALTH is excellent, very good,[n]
[r] good, fair, or poor ?
[n]

- 1 excellent
- 2 very good
- 3 good
- 4 fair
- 5 poor

d don't know r refused
@

[@] <1-5,d,r>

>doc1< [#PANEL B+E Only]
[define <d><98>][define <r><99>]

[r] In the past 12 months, how many times have you seen a doctor about your [n]
[r] physical health or for a check-up?
[n]

- 0 No visits
- 1-96 Enter exact number
- 97 97 or more

d Don't Know r Refused
@

[@] <0,1-97,d,r>

[# ===== HRQoL, Panel B +E only
=====]

>gh2r< [# gh2r replaced gh2]
[define <d><98>][define <r><99>]

[r] Now thinking about your physical health, which includes physical illness and[n]

[r] injury, for how many days in the last 30 days was your physical health not [n]
[r] good? [n]

- 0 never
- 1-30 enter number of days

d don't know r refused
@

[@] <0,1-30,d,r>

>gh3r< [# gh3r replaced gh3]

[r] Now thinking about your mental health, which includes stress, depression, [n]
[r] and problems with emotions, for how many days during the past 30 days was [n]
[r] your mental health not good?
[n]

- 0 never
- 1-30 enter number of days

d don't know r refused
@

[@] <0,1-30,d,r>

>ck_gh4< [allow int 1]
[store <0> in ck_gh4]
[if gh2r gt <0> and gh2r le <30>][store <1> in ck_gh4][endif]
[if gh3r gt <0> and gh3r le <30>][store <1> in ck_gh4][endif]

>gh4< [#ASK only if answer =1-30 to gh2r OR gh3r][# gh4 deleted in 2011, brought back 2016]
[if ck_gh4 eq <0> goto tc1]

[r] During the past 30 days for about how many days did poor physical or mental [n]
[r] health keep you from doing your usual activities, such as self-care, work, [n]
[r] or recreation? [n]

- 0 never
- 1-30 enter number of days

d don't know r refused
@

[@] <0,1-30,d,r>

[# ===== **TOBACCO CONSUMPTION**
=====] [# == ALL Panels ==]

>tc1< [# ask all][define <d><8>][define <r><9>]

[r] Next, we would like to ask you some questions about cigarette smoking. [n]

[r] At the present time do you smoke cigarettes daily, occasionally, or [n]
[r] not at all? [n]

- 1 Daily
- 3 Occasionally
- 5 Not at all

d Don't Know r Refused
@

[@] <1> [goto tc4]
<3,5,d,r>

>tc2<

[r] Have you smoked at least 100 cigarettes in your life?
[n]

[bold][yellow]
Interviewer, if necessary: "100 cigarettes is about 5 packs."
[n][white]

- 1 Yes
- 5 No

d Don't Know r Refused
@

[@] <1>
<5,d,r> [goto end_tc]

>tc3<

[r] Have you ever smoked cigarettes daily?
[n]

- 1 Yes
- 5 No

d Don't Know r Refused
@

[@] <1>
<5,d,r> [goto tc5]

>tc4< [# ask daily smokers only]
[define <d><98>][define <r><99>]

[r] How old were you when you first started smoking daily?
[n]

5-70 Enter age

71 71 or older

d Don't Know r Refused
@

[@] <5-71,d,r>

>tc5< [if tc1 eq <1>][goto tc6][endif]
[define <d><8>][define <r><9>]

[r] How long ago was it that you last smoked: was it less than one week ago, [n]
[r] less than one month, 1 to 6 months, 7 to 11 months, 1 to 5 years, or more [n]
[r] than 5 years ago?
[n]

[bold][yellow]
INTERVIEWER: If respondent gives AGE, ask how many YEARS AGO that was.
[n][white]

- 0 Less than one week
- 1 more than one week but less than a month
- 2 1 to 6 months
- 3 7 to 11 months
- 4 1 to 5 years
- 5 more than 5 years

d Don't Know r Refused
@

[@] <0,1>
<2-5,d,r> [goto end_tc]

>tc6< [if tc1 ge <5>][goto end_tc][endif]
[if tc1 ge <3>][goto tc7][endif]
[define <d><98>] [define <r><99>]

[r] How many cigarettes do you usually smoke each day?
[bold][yellow]
INTERVIEWER: 1 large pack = 25 cigarettes; 1 small pack = 20 cigarettes
[n][white]

0 Less than one a day

1-97 Enter number of cigarettes

d Don't Know r Refused
@

[@] <0-97,d,r>

```
>tc7< [if tc1 eq <3>][goto tos1][endif]
[define <d><8>][define <r><9>]
```

[r] How soon after you wake up do you usually smoke your first cigarette: within[n]

[r] 5 minutes, from 6 to 30 minutes, from 31 to 60 minutes, or after 60 minutes?[n]

- 1 within 5 minutes
- 3 6 to 30 minutes
- 5 31 to 60 minutes
- 7 after 60 minutes

d don't know r refused
@

[@] <1,3,5,7,d,r>

```
[#=====OCCASIONAL SMOKING: tos1; tos2
=====]
```

[#NEW in 2005, used in CCHS]

```
>tos1< [#new in 2005] [#panel A+B+E ]
[if tc1 ne <3> goto tc8][#ask only occasional
smokers,if tc1 eq <3>]
[define <d><98>][define <r><99>]
```

[r] On those days that you do smoke, about how many cigarettes do you [n] usually have? [n]

0-60 enter number

d don't know r refused
@

[@] <0-60,d,r>

```
>tos2< [#new in 2005]
```

[r] On how many of the last 30 days did you smoke one or more cigarettes? [n]

0 none

1-30 enter number

d don't know r refused
@

[@] <0,d,r>
<1-30>

```
>tc8< [define <d><98>][define <r><99>] [# ask all current
smokers]
```

[r] In the past 12 months, how many times have you made a

serious attempt to [n]
[r] quit smoking cigarettes?
[n]

[bold][yellow]

IF NECESSARY: A serious attempt would mean you quit smoking for at least 24 hours.

[n][white]

0 No attempts

1-96 Enter exact number
97 97 or more

d Don't Know r Refused
@

[@] <0-97,d,r>

```
>tc9< [define <d><8>] [define <r><9>]
```

[r] Do you intend to quit smoking in the next SIX MONTHS? [n]

[bold][yellow]

INTERVIEWER: "Yes we mean quitting altogether"
[n][white]

1 yes
5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r> [goto end_tc]

```
>tc10< [#panel A+B+E ]
```

[r] Do you intend to quit smoking in the next THIRTY DAYS? [n]

1 yes
5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

```
>end_tc<
```

[# ===== **WATERPIPE**, added Jan 8 2016
=====]

>tc16wp< [#new 2016] [#panel A+B+E
[define <d><8>][define <r><9>]

[r] The next question is about waterpipe smoking.
[n]
[r] In the past 12 months, have you ever smoked a
waterpipe? [n]

[bold][yellow]
Interviewer, if asked: waterpipe, also known as hookah
or shisha, is an
instrument for smoking flavoured tobacco in which the
smoke is passed
through a water basin before inhalation
[n][white]

1 yes
5 no

7 never heard of waterpipe before

d Don't Know r Refused
@

[@] <1>
<5,7,d,r>[goto end_wp]

>tc16w< [#ask only if yes to tc16wp, new 2012]
[define <d><98>][define <r><99>]

[r] In the past 30 days, on how many days if at all, did you
smoke a waterpipe? [n]

0 none

1-30 enter number

d don't know r refused
@

[@] <0,d,r>
<1-30>

>end_wp<

[# ===== **E-CIGARETTE** (NEW 2013)
=====]

[#panel A+B +E][# FOR ISR - please check skips this
section]

>tecig2rc< [#ask Panel A+B+E]
[define <d><8>][define <r><9>]

[r] The next questions are about electronic cigarettes or e-
cigarettes, also [n]
[r] known as "vape pipes", "hookah pens" and "e-hookas".
[n]

[bold][yellow]
Interviewer, if asked: e-cigarettes are electronic devices
that create an
inhaled mist, simulating the act of smoking.
[n][white]

[r] Have you ever taken at least one puff from an e-
cigarette? [n]

1 yes
5 no
7 never heard of e-cigarettes before

d Don't Know r Refused
@

[@] <1>
<5,7,d,r>[goto SMOKE_FLAG]

>tecig2a<

[r] Was this in the past 12 months?
[n]

[bold][cyan]
that you had at least one puff of an e-cigarette?
[n][white]

1 yes
5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r>[goto SMOKE_FLAG]

>tecig2b<

[r] Was this in the past 30 days?
[n]

[bold][cyan]
that you had at least one puff of an e-cigarette?
[n][white]

1 yes
5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r>[goto tecignic]

```

>tecig3< [define <d><98>][define <r><99>]
    [#ASK only Past-30 day e-cigarette users]

[r] On how many of the past 30 days, if at all, did you
smoke an e-cigarette? [n]

    1-30 enter number

    d don't know    r refused
    @

[@] <0,d,r>
    <1-30>

>tecignic< [define <d><8>][define <r><9>] [#NEW 2015]
    [#ask ALL past 12m users of e-cigarettes ]

[r] The last time you used an e-cigarette, did it contain
nicotine? [n]

    1 yes
    5 no

    d Don't Know    r Refused
    @

[@] <1-5,d,r>

>tecigcan< [define <d><98>] [define <r><99>][#NEW
2015]
    [#ask ALL past 12m users of e-cigarettes]

[r] In the past 12 months have you ever used cannabis
inside an e-cigarette? [n]

[bold][yellow]
    Interviewer, if necessary: inside a vape pipe, hookah pen
or e-hookah?
[n][white]

    1 Yes
    5 No

    d don't know    r refused
    @

[@] <1>
    <5,d,r> [goto SMOKE_FLAG]

>SMOKE_FLAG< [allow 1][store <0> in
SMOKE_FLAG]
    [if tc1 is <1>][store <1> in SMOKE_FLAG][endif]
    [if tc1 is <3> and tc2 is <1>]
        [store <1> in SMOKE_FLAG]
    [endif]

```

```
>end_tobacco<
```

```
[# ===== ALCOHOL CONSUMPTION (ALL
Panels) =====]
```

```
>int1<
```

```
[r] Now I would like to ask you some questions about
drinking alcohol. [n]
```

```
[r] In these questions, when we use the word "drink" it
means one 341 ml or [n]
[r] 12 ounce bottle of beer or glass of draft, one 142 ml or 5
ounce glass of [n]
[r] wine, or one straight or mixed drink with 43 ml or one
and a half ounces of [n]
[r] hard liquor. [n]
```

```
Press Enter to continue @
```

```
[@] [nodata]
```

```
>ac1< [define <d><8>][define <r><9>]
```

```
[r] During the past 12 months have you had a drink of any
alcoholic beverage? [n]
```

```
[bold][yellow]
    INTERVIEWER: Include light beer, but do NOT include
fully dealcoholized beer.
[n][white]
```

```
    1 Yes
    5 No
```

```
    d Don't Know    r Refused
    @
```

```
[@] <1> [goto ac5]
    <5,d,r>
```

```
>ac2< [#asking non-current drinkers]
```

```
[r] Did you EVER have a drink of any alcoholic beverage?
[n]
```

```
    1 Yes
    5 No
```

```
    d Don't Know
    @
```

```
[@] <1> [goto int_audit]
    <5,d> [goto chek][#never drinkers skip out here]
```

>ac5< [#asking current drinkers] [define <d><98>][define <r><99>]

[r] How often, if ever, did you drink alcoholic beverages during the PAST TWELVE [n]

[r] MONTHS: would you say MORE than once a day, about every day, four to five [n]

[r] times a week, two to three times a week, once a week, two to three times a [n]

[r] month, once a month, or less than once a month?

[n]

[bold][yellow] INTERVIEWER: This means any type of alcohol. [n][white]

- 1 More than once a day
- 2 About every day (includes SIX times a week)
- 3 4 to 5 times a week
- 4 2 to 3 times a week
- 5 Once a week
- 6 2 to 3 times a month
- 7 Once a month
- 8 Less than once a month

d Don't Know r Refused
@

[@] <1-8,d,r>

>ac5a< [#all current drinkers]

[r] How often, if at all, did you drink alcoholic beverages during the PAST 30 [n]

[r] DAYS: would you say MORE than once a day, about every day, four to five [n]

[r] times a week, two to three times a week, once a week, two to three times [n]

[r] in the past month, once in the past month, or never in the past month? [n]

[bold][yellow]

INTERVIEWER: This means any type of alcohol. [n][white]

- 1 More than once a day
- 2 About every day (includes SIX times a week)
- 3 4 to 5 times a week
- 4 2 to 3 times a week
- 5 Once a week
- 6 2 to 3 times in the past month
- 7 Once in the past month
- 8 Never in the past month

d Don't Know r Refused
@

[@] <1-8,d,r>

>ac6a<

[r] During the past 12 months, on those days when you drank, how many drinks did [n]

[r] you usually have?

[n]

[bold][yellow]

Interviewer: by "drink" we mean one 341 ml or 12 ounce bottle of beer or

glass of draft, one 142 ml or 5 ounce glass of wine, or one straight or

mixed drink with 43 ml or one and a half ounces of hard liquor.

Include light beer, but do NOT include fully dealcoholized beer.

[n][white]

1-96 Enter number of drinks

97 97 or more

d Don't Know r Refused
@

[@] <1-97,d,r>

>five< [#asking current drinkers][define <d><98>][define <r><99>]

[r] About how often DURING THE PAST TWELVE MONTHS would you say you had five or [n]

[r] more drinks at the same sitting or occasion: would you say every day, [n]

[r] almost every day, 3 or 4 times a week, once or twice a week, 2 or 3 times [n]

[r] a month, about once a month, 6 to 11 times a year, 1 to 5 times a year, [n]

[r] or never in the past year?

[n]

- 1 Every day
- 2 Almost every day
- 3 3 or 4 times a week
- 4 Once or twice a week
- 5 2 or 3 times a month
- 6 About once a month
- 7 6 to 11 times a year
- 8 1 to 5 times a year
- 9 Never in the past year

d Don't Know r Refused
@

[@] <1-8>
<9,d,r>

[# == AUDIT, ASK ALL Panels
=====]

>int_audit< [if ac2 eq <1> goto chek][#former drinkers
skip audit]

[r] The next few questions are about possible problems you
might have had [n]
[r] in the PAST 12 MONTHS regarding the use of alcohol.
[n]

Press "Enter" to continue @

[@][nodata]

>aud4< [define <d><8>] [define <r><9>][# current
drinkers only]

[r] How often during the past 12 months have you found
that you were not able [n]
[r] to stop drinking once you had started?
[n]

[r] Never, less than monthly, monthly, weekly, or daily or
almost daily? [n]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused

@

[@] <0,1-4,d,r>

>aud5<

[r] How often during the past 12 months have you failed to
do what was normally [n]
[r] expected from you because of drinking?
[n]

[bold][cyan]

Never, less than monthly, monthly, weekly, or daily or
almost daily?
[n][white]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused

@

[@] <0,1-4,d,r>

>aud6<

[r] How often [n]

[bold][cyan] during the past 12 months [n][white]

[r] have you needed a first ALCOHOLIC drink in the
morning to get yourself [n]

[r] going after a heavy drinking session?
[n]

[bold][cyan]

Never, less than monthly, monthly, weekly, or daily or
almost daily?

[n][white]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused

@

[@] <0,1-4,d,r>

>aud7<

[r] How often [n]

[bold][cyan] during the past 12 months [n][white]

[r] have you had a feeling of guilt or remorse after
drinking? [n]

[bold][cyan]

Never, less than monthly, monthly, weekly, or daily or
almost daily?

[n][white]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused

@

[@] <0,1-4,d,r>

>aud8<

[r] How often [n]
[bold][cyan] during the past 12 months [n][white]

[r] have you been unable to remember what happened the
night before because [n]
[r] you had been drinking?
[n]

[bold][cyan]
Never, less than monthly, monthly, weekly, or daily or
almost daily?
[n][white]

0 never

- 1 less than monthly
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused
@

[@] <0,1-4,d,r>

>aud9< [#asking current drinkers only]
[define <d><8>] [define <r><9>]

[r] Have you or someone else EVER been injured as a
result of your drinking? [n]

[bold][yellow]
INTERVIEWER: if R says "yes", ask "was this in the
past 12 months?"
[n][white]

- 1 Yes, but not in the past 12 months
- 2 Yes, during the past 12 months

5 no

d Don't Know r Refused
@

[@] <1,2,5,d,r>

>aud0< [#asking current drinkers only]
[define <d><8>] [define <r><9>]

[r] Has a relative or friend or a doctor or other health
worker EVER been [n]
[r] concerned about your drinking or suggested you cut
down? [n]

[bold][yellow]
INTERVIEWER: if r says "yes", ask "was this in the

past 12 months?"
[n][white]

- 1 Yes, but not in the past 12 months
- 2 Yes, during the past 12 months

5 no

d Don't Know r Refused
@

[@] <1,2,5,d,r>

>chek< [allow 1][store <> in chek]
[if ac1 eq <5>][store <1> in chek][endif] [#non
drinker]

>end_alcohol<

====ALCOHOL POLICY, PANEL B+E
=====]

[#===== Alcohol in Grocery Stores, added in 2015,
REVISED 2016=]
[# PANEL B +E =====]

>int_alcgs< [if ac1 gt <1> goto ags5a][# ags1 - ags4 ASK
CURRENT DRINKERS only]

[r] Now I would like to ask you some questions about
alcoholic beverages that [n]
[r] you might have bought for your own use IN ONTARIO.
[n]

Press "Enter" to continue @

[@][nodata]

>ags1< [# ASK CURRENT DRINKERS only]
[define <d><98>][define <r><99>]

[r] In the past 30 days, how many times, if at all, did you
buy any alcoholic [n]
[r] beverage from a liquor store, beer store, wine store or
any other store [n]
[r] that sells alcohol in Ontario?
[n]

[bold][yellow]
Interviewer, if necessary: any LCBO store, LCBO
Agency Store, Beer Store or
Wine Store.
Interviewer, if necessary: any alcoholic beverages such as
beer, wine, cider,
distilled spirits, coolers, sherry, port or vermouth.
[n][white]

0 Never

1-30 Enter number of times

d don't know r refused
@

[@] <1-30>
<0,d,r> [goto ags5a]

>ags2a< [#if ags1=1 -30][define <d><8>][define <r><9>]

[r] Now I would like to ask you some questions about the
LAST TIME you bought [n]
[r] alcohol at any store that sells alcohol in Ontario.
[n]

[r] Thinking of this last time you bought alcohol, did you
buy any beer or wine?[n]

[bold][yellow]
Interviewer: a liquor store, beer store, wine store or any
other store
[n][white]

1 Yes, both beer and wine
2 Yes, Beer only
3 Yes, Wine only
5 No, did not buy either

d don't know r refused
@

[@]<1,2>
<3>[goto ags3b]
<5,d,r>[goto ags5a]

>ags3a< [#if 1,2] [#ASK ONLY if ags2a=1 OR 2]

[r] Thinking of this last time you bought BEER, where did
you buy it from? [n]

[bold][yellow]
If respondents answers: Loblaw's, Metro, etc. please enter
"4 - grocery store"

If necessary: LCBO Agency Stores are outlets approved
by the LCBO, typically
located within general stores in remote or rural locations.
[n][white]

1 LCBO store (including LCBO agency stores)
2 Beer Store
3 Brewery (or stores within a Brew Pub)
4 Grocery store
5 Other

d don't know r refused
@

[@]<1-4,d,r>
<5>[specify]

>ags3b< [if ags2a eq <2>][goto ags4][endif] [#ASK
ONLY if ags2a=1 OR 3]

[r] Thinking of this last time you bought WINE, where did
you buy it from? [n]

[bold][yellow]
If necessary: Wine stores such as wine kiosks in grocery
stores or
"Wine Rack" stores.

If respondents answers: Loblaw's, Metro, etc. please enter
"2 - wine store".

If necessary: LCBO Agency Stores are outlets approved
by the
LCBO, typically located within general stores in remote
or rural locations.
[n][white]

1 LCBO store (including LCBO agency stores)
2 Wine Store
3 Winery
4 Farmer's Market
5 Other

d don't know r refused
@

[@]<1-4,d,r>
<5>[specify]

>ags4< [define <d><998>][define <r><999>]

[if ags2a eq <1>]
[r] And about how much did you spend in total on beer and
wine? [n]
[else][if ags2a eq <2>]
[r] And about how much did you spend in total on beer?
[n]
[else][if ags2a eq <3>]
[r] And about how much did you spend in total on wine?
[n]
[endif all]

[bold][yellow]
Interviewer if necessary: the last time you bought beer or
wine at a store
in Ontario (in Canadian dollars.)
[n][white]

1-996 enter \$

d Don't Know r Refused
@

[@]<1-996,d,r>

>ags5a< [#ASK ALL][define <d><8>][define <r><9>]

[r] Next, please tell me if you strongly agree, somewhat agree, somewhat [n] disagree or strongly disagree with the following statements. [n]

[r] It would be easier for a person who already HAD TOO MUCH TO DRINK, [n] [r] or who was already DRUNK to buy beer or wine in a grocery store than [n] [r] in a liquor, beer or wine store. [n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>ags6a< [#ASK ALL]

[r] It would be easier for an UNDERAGE person to buy beer or wine in [n] [r] a grocery store than in a liquor, beer or wine store. [n]

[bold][yellow]
Interviewer if necessary: someone who is not of legal age to buy alcohol in Ontario (18 years or younger).
[n][white]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>ags7a< [#ASK ALL]

[r] Selling beer or wine in grocery stores add additional temptations for heavy [n] [r] drinkers, alcoholics and former heavy drinkers or alcoholics to buy alcohol [n] [r] than is currently the case in a liquor, beer or wine store. [n]

[bold][cyan]
Do you strongly agree, somewhat agree, somewhat disagree or strongly disagree?
[n][white]

- 1 strongly agree
- 3 somewhat agree
- 5 somewhat disagree
- 7 strongly disagree

d Don't Know r Refused
@

[@] <1,3,5,7,d,r>

>ags8a< [#ASK ALL]

[r] Being able to buy beer or wine in grocery stores would make you buy [n] [r] more alcohol than you do now. [n]

[r] Would you say definitely yes, probably yes, probably not, definitely not? [n]

- 1 definitely yes
- 2 probably yes
- 3 probably not
- 4 definitely not

7 Do do not drink/buy alcohol

d don't know r refused
@

[@] <1-4,7,d,r>

>end_ags<

**## =====DRIVING, PANEL B +E
=====]**

>drive< [define <d><8>] [define <r><9>]

[r] The next questions are related to driving.

[n]

[r] During the past 12 months, have you driven a car, van, truck, motorcycle, [n]

[r] tractor, or any other type of motor vehicle?

[n]

[bold][yellow]

INTERVIEWER: please also include motor vehicles such as motorboats, Seadoo,

Skidoo, ATVs, etc.

[n][white]

1 yes

5 no

d don't know r refused

@

[@] <1>

<5,d,r> [goto end_drive]

=====KM-MILES =====]

##How much you drive ==]

>dr1< [define <d><9998>][define <r><9999>]

[open dr1]

[r] Now I would like to ask you how much you drive in a typical WEEK. Please [n]

[r] think of all the driving you do. Remember to count any driving you have [n]

[r] done in a car, motorcycle, truck or van. Count driving you did in vehicles [n]

[r] you own, borrowed, rented or use for work.

[n]

[r] On average, about how many kilometres or miles do you drive in a typical week?[n]

[bold][yellow]

Interviewer: Use 0 for none, and r for refused. If R is having trouble, can't

answer, says that it is too difficult a question etc. use "d" for don't know.

[n][white]

Enter number of miles here @miles

Enter number of kilometres here @kilo

[@miles][optional] <r> [goto dr5]

<0>

<d> [goto dr1b]

<1-9996> [goto dr5]

[@kilo] [optional] <0>

<1-9996> [goto dr5]

>check_err< [define <d><8>][define <r><9>]

[bold][yellow]

INTERVIEWER: You have indicated that the respondent drives ZERO miles or

kilometres a week. Is this correct?

[n][white]

1 yes, correct

5 no, mistake

@

[@] <5> [goto dr1]

<1>

[store <0> in dr1@miles]

[store <0> in dr1@kilo]

[goto dr5]

>dr1b< [define <d><8>][define <r><9>]

[r] Well, to start would it be easier for you to think about how much you drive [n]

[r] in kilometers or miles?

[n]

1 Kilometres

5 Miles

d don't know/can't answer/too difficult etc.

r refused

@

[@] <1>

<5> [goto dr1d]

<d,r> [goto dr5]

>dr1c<

[r] We don't need the exact amounts, but can you give your best guess at how many[n]

[r] kilometres you drive in a typical week: would it be less than 10 km, 11 to [n]

[r] 100 km, 101 to 500 km, 501 to 1000 km , or more than 1000 km? [n]

1 10 or less

2 11 to 100

3 101 to 500

4 501 to 1000

5 more than 1000

d don't know r refused

@

[@] <1-5,d,r> [goto dr5]

>dr1d<

[r] We don't need the exact amounts, but can you give your best guess at how many[n]
[r] miles you drive in a typical week: would it be less than 10 miles, 11 to [n]
[r] 50 miles, 51 to 100 miles, 101 to 200 miles, or more than 200 miles? [n]

- 1 10 or less
- 2 11 to 50
- 3 51 to 100
- 4 101 to 200
- 5 more than 200

d don't know r refused
@

[@] <1-5,d,r>

[# == PANEL B+E ==]
[# ==COLLISION =====]

>dr5< [define <d><98>][define <r><99>]

[r] DURING THE PAST 12 MONTHS, how many times, if at all, were you involved in [n]
[r] an accident or collision involving any kind of damage or injury to you or [n]
[r] another person or vehicle while you were driving?
[n]

- 0 never
- 1-9 Enter number of times
- 10 ten times or more

d Don't Know r Refused
@

[@] <0,1-10,d,r>

[# ===== DRINKING & DRIVING, PANEL B + E
=====]

>dd1< [define <d><8>][define <r><9>]
[if chek eq <1> goto drtext1] [#not a current drinker]

[r] During the past 12 months, have you driven a motor vehicle after having two [n]
[r] or more drinks in the previous hour?
[n]

- 1 yes
- 5 no

7 don't drive

d don't know r refused
@

[@] <1>
<5,7,d,r>

[# === TEXTING AND DRIVING
=====]

>drtext1< [define <d><8>][define <r><9>]

[r] During the past 12 months, did you ever SEND OR READ a text message or [n]
[r] an email while you were driving a vehicle?
[n]

- 1 yes
- 5 no

7 don't drive

d don't know r refused
@

[@] <1>
<5,7,d,r> [goto end_driv]

>drtext2< [define <d><98>] [define <r><99>]

[r] How many times in THE PAST 30 DAYS?
[n]

[bold][cyan]
Did you SEND OR READ a text message or an email while you were driving a vehicle?
[n][white]

- 0 never
- 1-96 Enter number of times
- 97 97 or more times

d Don't Know r Refused
@

[@] <0,1-97,d,r>

>end_driv<

[#===== CANNABIS CONSUMPTION ==]
[# ASK ALL PANELS =====]

>cn1< [define <d><8>] [define <r><9>][#ask all]

[r] Some people use cannabis, marijuana or hash in private,
with friends, or in [n]
[r] other situations. Have you EVER IN YOUR LIFETIME
used CANNABIS, MARIJUANA [n]
[r] or HASH? [n]

- 1 Yes
- 5 No

d don't know r refused
@

[@] <1>
<5,d,r>[goto candep]

>cn2< [define <d><98>] [define <r><99>][#FOR
CANNABIS USERS]

[r] How many times, if any, have you used cannabis,
marijuana or hash during the[n]
[r] PAST TWELVE months: would you say more than
once a day, about every day, [n]
[r] four to five times a week, two to three times a week,
once a week, two to [n]
[r] three times a month, once a month, less than once a
month or never? [n]

- 1 more than once a day
- 2 about every day (includes six times a week)
- 3 4 to 5 times a week
- 4 2 to 3 times a week
- 5 once a week
- 6 2 to 3 times a month
- 7 once a month
- 8 less than once a month
- 9 never

d don't know r refused
@

[@] <1-8>
<9,d,r> [goto candep]

>reg1< [define <d><98>] [define <r><99>] [#ASK only
past 12 months CANNABIS USERS]

[r] In the past 12 months have you ever used cannabis,
marijuana or hash to [n]
[r] manage pain, nausea, glaucoma, the symptoms of
multiple sclerosis, or [n]
[r] any other medical condition?
[n]

- 1 Yes

5 No

d don't know r refused
@

[@] <1>
<5,d,r> [goto cnvap]

>medcan< [define <d><8>][define <r><9>] [#new
2014][#ask only if reg1 =1]

[r] In the past 12 months, did you have medical approval to
use cannabis, [n]
[r] marijuana or hash for medical purposes?
[n]

- 1 Yes
- 5 No

d don't know r refused
@

[@] <1,5,d,r>

>cnvap< [#NEW 2016] [define <d><98>] [define
<r><99>]
[#ASK past 12 m CANNABIS USERS]

[r] Now, a question on vaporization. In the past 12 months
have you ever used [n]
[r] any form of cannabis (e.g., marijuana, hash, etc.) by way
of vaporization? [n]

[bold][yellow]
Interviewer, if necessary: by using a vaporizer, a vape
pipe,
an e-cigarette, a hookah pen or e-hookah?
[n][white]

- 1 yes
- 5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r>

>tp107< [define <d><98>] [define <r><99>]
[#ASK only past 12 months CANNABIS USERS]

[r] In the past 12 months have you ever used CANNABIS,
marijuana or hash mixed [n]
[r] with TOBACCO at the same time?
[n]

- 1 Yes
- 5 No

[r] monthly, weekly, daily or almost daily?
[n]

0 never

- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused

@

[@] <0,1-4,d,r>

>cnas2<

[r] During the PAST 3 MONTHS, how often has your use of cannabis, marijuana or [n] hash led to health, social, legal or financial problems?
[n]

[bold][cyan]

Would you say: never, once or twice, monthly, weekly, daily or almost daily?

[n][white]

0 never

- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused

@

[@] <0,1-4,d,r>

>cnas3<

[r] During the PAST 3 MONTHS, how often have you failed to do what was normally [n] expected of you because of your use of cannabis, marijuana or hash? [n]

[bold][cyan]

Would you say: never, once or twice, monthly, weekly, daily or almost daily?

[n][white]

0 never

- 1 once or twice
- 2 monthly
- 3 weekly
- 4 daily or almost daily

d Don't Know r Refused

@

[@] <0,1-4,d,r>

>cnas4<

[r] Has a friend, relative, a doctor or anyone else ever expressed concern about [n] your use of cannabis, marijuana or hash? Would you say: yes, within the past [n] 3 months; yes, but not in the past 3 months; or no, not at all? [n]

1 Yes, but not in the PAST 3 MONTHS

3 Yes, during the PAST 3 MONTHS

5 no, not at all

d don't know r refused

@

[@] <1,3,5,d,r>

>cnas5<

[r] Have you EVER TRIED AND FAILED to control, cut down or stop using cannabis, [n] marijuana or hash? Would you say: yes, within the past 3 months; yes, but [n] not in the past 3 months; or no, not at all?
[n]

1 Yes, but not in the PAST 3 MONTHS

3 Yes, during the PAST 3 MONTHS

5 no, not at all

d don't know r refused

@

[@] <1,3,5,d,r>

>end_can< [allow 1][store <1> in end_can]

[# ===== CANNABIS POLICY - NEW 2014, PANEL B
+E ==]

[# ===== Control of Cannabis Use
=====]

>int_cnp<

[r] The next few questions are about appropriate control of recreational [n]
[r] cannabis use in Canada. By cannabis, we mean marijuana. [n]

[bold][yellow]
Interviewer, if necessary: We are interested in your opinion even if you have never used cannabis.
[n][white]

press enter to continue @

[@][nodata]

>cnp1< [define <d><8>][define <r><9>] [#new 2014]

[r] In your opinion, what would be the best way to control or regulate personal [n]
[r] recreational cannabis use among adults in Canada? Would you say that [n]
[r] cannabis use should: (READ LIST, INCLUDING NUMBER) [n]

[bold][yellow]
Interviewer: A criminal offense is an act punishable by law. By fine, we mean similar to a parking ticket, etc.
Interviewer, please read answers.
[n][white]

- 1 be defined as a criminal offense, and be subjected to criminal enforcement, criminal penalty and criminal record
- 2 be defined as a non-criminal offense, and the penalty should be a fine
- 3 result in no legal consequences, but in compulsory education or treatment
- 4 result in no legal or other consequences at all
- 5 it depends (DO NOT READ)

d don't know r refused
@

[@] <1> [goto cnp7]
<2-5,d,r>

>cnp2<[define <d><8>][define <r><9>] [#new 2014]

[r] The next questions are about growing and selling cannabis for personal [n]
[r] recreational use. [n]

[r] Do you think adults should be allowed to grow cannabis for personal use [n]
[r] as long as it's in limited quantities and not shared or sold? [n]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>cnp3< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think privately-run businesses should be regulated and licensed to [n]
[r] grow cannabis?
[n]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>cnp4< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think government agencies should be regulated and licensed to [n]
[r] grow cannabis?
[n]

1 yes
5 no

d don't know r refused
@

[@] <1>
<5,d,r> [goto cnp5]

>cnp4a< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think the government should be the only producer of cannabis? [n]

1 yes
5 no

d don't know r refused

@

[@] <1,5,d,r>

>cnp5< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think the sale of cannabis should be regulated by the government [n]

[r] and only sold in certain places, similar to liquor stores?

[n]

1 yes

5 no

d don't know r refused

@

[@] <1,5,d,r>

>cnp6< [define <d><8>][define <r><9>] [#new 2014]

[r] Do you think the sale of cannabis should be done by privately-run stores [n]

[r] that are licensed to sell cannabis?

[n]

1 yes

5 no

d don't know r refused

@

[@] <1,5,d,r>

>cnp7< [#ASK only never-users or non-users past 12 months]

[if cn2 ge <1> and cn2 le <8>][goto cnp8][endif]

[define <d><8>][define <r><9>] [#new 2016]

[r] If recreational cannabis use was legalized tomorrow, do you think you will [n]

[r] use cannabis in any form during the next 12 months?

[n]

[r] Would you say definitely yes, probably yes, probably not, definitely not? [n]

1 definitely yes

2 probably yes

3 probably not

4 definitely not

d don't know r refused

@

[@] <1-4,d,r> [goto cnp9][# never-users or non-users goto cnp9]

>cnp8< [loc 48/65] [#NEW July 2016][#ASK only past 12 m CANNABIS USERS]

[r] If cannabis for recreational use is legalized tomorrow, WHERE would you [n]

[r] prefer it to be legally sold or be legally available?

[n]

[bold][yellow]

Interviewer, if necessary: Please choose only ONE of the following (your

PREFERRED place).

[n][white]

1 in LCBO stores

2 in pharmacies

3 by mail order from licensed producers

4 in licensed community stores (similar to current dispensaries)

5 cannabis grown in your own home

6 other, please specify

d don't know r refused

@

[@][vstate 55/40] <1-5,d,r>
<6>[specify]

>cnp9< [#NEW 2016] [#ASK ALL]

[r] If cannabis for recreational use is legalized tomorrow, which of the [n]

[r] following areas do you see as the MOST IMPORTANT PRIORITY for the [n]

[r] government to focus their intervention efforts on?

[n]

[bold][yellow]

Interviewer, if necessary: Interventions are actions taken by a government

in order to affect with decisions made by individuals or groups; and include

prevention, treatment, enforcement efforts.

[n][white]

1 Young people's mental or brain health as affected by cannabis use

2 Cannabis use and driving/traffic accidents

3 Harm to others from second-hand cannabis smoke

4 Cannabis dependence/treatment

5 Illegal cannabis growing and /or selling ("black market")

6 Other, please specify

7 None


```

    d don't know    r refused
    @

[@][vstate 55/41] <1-5,7,d,r>
    <6>[specify]

>end_canpol<

[# ===== COCAINE USE (ASK ALL, Panel
B+C+E) =====]

>ck1< [loc 46/41][define <d><8>] [define <r><9>]

[r] Some people use COCAINE in social settings with
friends, while others use it[n]
[r] for its stimulant properties. Have you EVER IN YOUR
LIFETIME used COCAINE? [n]

    1 yes
    5 no

    d don't know    r refused
    @

[&] <1>
    <5,d,r> [goto end_ck]

>ck2r< [define <d><98>][define <r><99>]

[r] Was this in the past 12 months?
[n]

    1 yes
    5 no

    d Don't Know    r Refused
    @

[&] <1,5,d,r>

>end_ck<

[# =====TRAUMATIC BRAIN INJURY (TBI) ==Panel
B+C+E =====]

>int_tbi<

[r] The next questions are about head injuries that you may
have had in your life.[n]
[r] We are interested in any head injury that resulted in you
being unconscious [n]
[r] (knocked out) for at least 5 minutes, or you had to stay
in the hospital [n]
[r] for at least 1 night because of it.

```

```

[n]

    Press "Enter" to continue @

[&][nodata]

>tbi1< [define <d><98>][define <r><99>]

[r] How many times, if ever IN YOUR LIFE, have you had
a head injury like this? [n]

    0 Never
    1-10 Enter exact number

    d Don't Know    r Refused
    @

[&] <1-10>
    <0,d,r> [goto end_tbi]

>tbi2< [define <d><8>][define <r><9>]

[r] Did you have this type of head injury during the past 12
months? [n]

    1 yes
    5 no

    d don't know    r refused
    @

[&] <1>
    <5,d,r>

>tbi3a< [define <d><98>][define <r><99>][#New 2015]

[if tbi1 eq <1>][#if tbi1=1]
[r] How old were you when your head injury happened?
[n]
[else][#for ISR: if tbi1 ge 2 AND tbi1 le 10]
[r] How old were you when your most recent head injury
happened? [n]
[endif]

    1-97 Enter age

    d Don't Know    r Refused
    @

[&] <1-97,d,r>

>tbi3b< [define <s><0>] [#revised 2015]

[if tbi1 eq <1>][#if tbi1=1]
[r] And what was the cause of your head injury?
[n]

```

[else][#for ISR: if tbi1 ge 2 AND tbi1 le 10]
[r] And what was the cause of your most recent head
injury? [n]
[endif]

[bold][yellow]
Interviewer, if asked: If this happened more than once,
think about the last
time it happened.
[n][white]

- 1 Motor vehicle accident
- 2 Other vehicle accident (such as a snowmobile, ATV,
tractor)
- 3 Bicycle accident
- 4 Fight
- 5 Sports injury (such as team sports, snowboarding,
skiing, etc.)
- 6 Fell down
- 7 Hit by an object

s Other, specify
d don't know r refused
@

[@] <1-7,d,r>
<s>[specify]

>end_tbi<

[# ==== MENTAL HEALTH - KESSLER K6 - NEW
2014 , revised 2015 ==]
[# ====PANEL B +C +E ====]

>int4<

[r] The next questions are about how you have been feeling
during the past 30 days.[n]

[bold][yellow]
Interviewer: if asked, even if you are healthy and had no
medical complaints
I would still like to ask all questions for completeness.
[n]
[n][white]

Press "Enter" to continue @

[@][nodata]

>k1< [define <d><8>][define <r><9>]

[r] During the past 30 days, how often did you feel
nervous? All of the time, [n]
[r] most of the time, some of the time, a little of the time, or
none of the [n]
[r] time? [n]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k2<

[r] During the past 30 days, how often did you feel
hopeless? [n]

[bold][cyan]
all of the time, most of the time, some of the time, a little
of the time,
or none of the time?
[n][white]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k3<

[r] During the past 30 days, how often did you feel restless
or fidgety? [n]

[bold][cyan]
all of the time, most of the time, some of the time, a little
of the time,
or none of the time?
[n][white]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k4< [define <d><8>][define <r><9>]

[r] How often did you feel so depressed that nothing could cheer you up? [n]

[bold][cyan]
all of the time, most of the time, some of the time, a little of the time,
or none of the time?
[n][white]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k5< [define <d><8>][define <r><9>]

[r] During the past 30 days, how often did you feel that everything was an effort?[n]

[bold][cyan]
all of the time, most of the time, some of the time, a little of the time,
or none of the time?
[n][white]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time
- 5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>k6< [define <d><8>][define <r><9>]

[r] During the past 30 days, how often did you feel worthless? [n]

[bold][cyan]
all of the time, most of the time, some of the time, a little of the time,
or none of the time?
[n][white]

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 A little of the time

5 None of the time

d don't know r refused
@

[@] <1-5,d,r>

>end_kessl<

[# ==SUICIDE== New 2012]
[# ==PANEL B +C +E ==]

>suic1< [define <d><8>][define <r><9>] [#new 2012]

[r] In the PAST 12 MONTHS, did you ever seriously consider attempting suicide? [n]

- 1 yes
- 5 no

d Don't Know r Refused
@

[@] <1>
<5,d,r> [goto end_suic]

>suic2< [define <d><8>][define <r><9>]

[r] In the PAST 12 MONTHS, did you actually attempt suicide? [n]

- 1 yes
- 5 no

d Don't Know r Refused
@

[@] <1,5,d,r>

>end_suic<

[# ===== PSYCHOTHERAPEUTICS
=====]
[# == PANEL B +C +E ==]

>int2<

[r] The next set of questions are about various types of prescription [n]

[r] medications - medications that are prescribed by a doctor or psychiatrist. [n]

Press "Enter" to continue @

[@][nodata]

>ps11< [#ask all] [define <d><8>] [define <r><9>]

[r] In the past 12 months, have you taken any prescription medication to reduce [n]

[r] anxiety or panic attacks?

[n]

1 yes

5 no

d don't know r refused

@

[@] <1,5,d,r>

>ps16< [# ask all] [define <d><8>] [define <r><9>]

[r] In the past 12 months, have you taken any prescription medication to treat [n]

[r] depression? [n]

1 yes

5 no

d don't know r refused

@

[@] <1,d>
<5,r>

>end_psy<

[#===== PAIN RELIEVERS (revised 2010)

=====]

[# === PANEL B +C +E ===]

>Int_pr< [# items revised 2010]

[r] The next few questions are about your use of various pain relievers in [n]

[r] the past 12 months. We are NOT interested in REGULAR, over the counter [n]

[r] pain relievers such as Aspirin, Advil, Tylenol, that can be bought in drug [n]

[r] stores or grocery stores WITHOUT a doctor's prescription. [n]

[r] In these questions, by PAIN RELIEVERS, we mean those that are obtained by [n]

[r] a PRESCRIPTION from a doctor or dentist (such as Percocet, Percodan, [n]

[r] Demerol, OxyContin, or Tylenol #3 or other products).

[n]

Press "Enter" to continue @

[@][nodata]

>po1< [define <d><98>] [define <r><99>] [#new 2010]

[r] In the past 12 months how many times, if at all, have you used ANY such [n]

[r] pain relievers WITH A PRESCRIPTION or because a doctor told you to take them?[n]

[r] Would you say never, 1 or 2 times, 3 to 5 times, 6 to 9 times, 10 to 19 [n]

[r] times, 20 to 39 times, 40 times or more often?

[n]

[bold][yellow]

Interviewer if asked: we mean pain relievers available by prescription OR from any other source.

Such pain relievers include:

Endocet Morphine sulphate Pethidine

Robaxacet 8

Codeine Contin Fiorinal Oxycodone-IR (instant release)

Demerol Hydromorph Contin Oxycontin

Robaxisal

Dilaudid Kadian Percocet Tylenol #2, #3 or #4

Duragesic MS Contin Percodan

[n][white]

1 1 or 2 times

2 3 to 5 times

3 6 to 9 times

4 10 to 19 times

5 20 to 39 times

6 40 or more times

9 Never

d Don't Know r Refused

@

[@] <1-6,9,d,r>

>po2< [define <d><98>] [define <r><99>] [#new 2010]

[r] In the past 12 months how many times, if at all, have you used ANY such [n]

[r] pain relievers WITHOUT A PRESCRIPTION or
without a doctor telling you to [n]
[r] take them? [n]

[bold][cyan]
Would you say never, 1 or 2 times, 3 to 5 times, 6 to 9
times, 10 to 19 times,
20 to 39 times, 40 times or more often?
[n][white]

[bold][yellow]
Interviewer if asked: we mean pain relievers available by
prescription OR from
any other source.

Such pain relievers include:
Endocet Morphine sulphate Pethidine
Robaxacet 8
Codeine Contin Fiorinal Oxycodone-IR (instant
release)
Demerol Hydromorph Contin Oxycontin
Robaxisal
Dilaudid Kadian Percocet Tylenol #1,
#2, #3 or #4
Duragesic MS Contin Percodan
[n][white]

1 1 or 2 times
2 3 to 5 times
3 6 to 9 times
4 10 to 19 times
5 20 to 39 times
6 40 or more times

9 Never
d Don't Know r Refused
@

[@] <1-6>
<9,d,r>[goto end_pr1]

>pr7< [# ASK all users without prescription, if po2 eq 1-6]
[#new 2010]
[define <d><8>] [define <r><9>]

[r] During the past 12 months, did you ever use pain
relievers for the feelings [n]
[r] it caused or to get high?
[n]

1 yes
5 no

d don't know r refused

[@] <1,5,d,r>

>end_pr1<

**[#Panel B+E only from here]
[#==DRIVING and PO use==]**

[#== Driving and Use of Prescription Pain
Relievers==Panel B+E only]
[#ASK Only PR users who are drivers - PR user=1&
drive=1, po1=1-6 or po2-1-6]

>ck_dpo< [if (po1 ge <1> and po1 le <6>) or (po2 ge <1>
and po2 le <6>)]
[if drive eq <1>]
[goto dp01]
[else]
[goto end_pr]
[endif all]

>dp01< [if drive gt <1>][goto end_pr][endif][#add in Jan.
12, 2010]
[if po1 ge <9> and po2 ge <9>][goto
end_pr][endif][#add in July 9, 2013]
[define <d><8>][define <r><9>]

[r] During the past 12 months, have you driven a motor
vehicle after taking [n]
[r] any prescription pain relievers in the previous hour?
[n]

[bold][yellow]
Interviewer, if asked: by motor vehicle we mean car,
truck, van, motorcycle,
boat, or snowmobile.
[n][white]

1 yes
5 no

7 don't drive

d don't know r refused
@

[@] <1,5,7,d,r>

>end_pr< [allow int 1]
[store <1> in end_pr]

[# =====DEMOGRAPHICS =====]

[#==== AGE ===]

>dob< [# NEW 2015, revised 2016]
[open dob][define <d><9998>][define <r><9999>]

[r] Finally, these last questions are for classification purposes only. [n]

[r] First, what is your date of birth?
[n]

[bold][yellow]

Interviewer: if the respondent does not give exact day, month, or year of birth, code "d" for don't know and "r" for refused.
[n][white]

1-31 enter day @day
1-12 enter month @mth
1900-1998 enter year @yr

d don't know r refused

[@day] <1-31><d,r>
[@mth] <1-12><d,r>
[@yr] <1900-1998>
<d,r>[goto agecat]

>dob_check<[# new check item]
[if dob@yr is <> or dob@yr ge <9998>][goto agecat][endif]
[goto sd2]

>agecat< [define <d><98>] [define <r><99>] [# NEW 2015, ASK if DK to age items before]
[#Categories changed 2016]

[r] We don't need your exact age, but would you please tell me in what age [n]
[r] group you fall into?
[n]

- 1 18 to 24 years
- 2 25 to 29 years
- 3 30 to 34 years
- 4 35 to 39 years
- 5 40 to 44 years
- 6 45 to 49 years
- 7 50 to 54 years
- 8 55 to 64 years
- 9 65 years and over

d don't know r refused
@

[@] <1-9,d,r>

>sd2< [define <d><98>][define <r><99>]

[r] What is the highest level of education you have completed? [n]

- 1 No schooling
- 2 Some elementary school
- 3 Completed elementary school
- 4 Some high school/junior high
- 5 Completed high school
- 6 Some community college
- 7 Some technical school (College Classique, CEGEP)
- 8 Completed community college
- 9 Completed technical school (College Classique, CEGEP)
- 10 Some University
- 11 Completed Bachelor's Degree (Arts, Science, Engineering, etc.)
- 12 Post graduate Training: MA, MSc, MBA, MSW, etc.
- 13 Post graduate Training: PhD, "doctorate"
- 14 Professional Degree (Law, Medicine, Dentistry)

d Don't Know r Refused
@

[@] <1-14,d,r>

>sd5< [define <d><8>] [define <r><9>]

[r] At present are you married, living with a partner, widowed, divorced, [n]
[r] separated, or have you never been married?
[n]

- 1 married
- 2 living with a partner
- 3 widowed
- 4 divorced
- 5 separated
- 6 never married

d don't know r refused
@

[@] <1-6,d,r>

>sex_id< [define <d><8>] [define <r><9>][#NEW 2014]

[r] Do you consider yourself to be heterosexual, homosexual, that is lesbian [n]
[r] or gay, or bisexual?
[n]

[bold][yellow]

Interviewer, after you read each response category, if needed, read the information in the brackets (i.e., the definition). If R says

"straight",
code as heterosexual.
[n][white]

- 1 heterosexual (sexual relations with people of the opposite sex)
- 3 homosexual (sexual relations with people of your own sex)
- 5 bisexual (sexual relations with people of both sexes)

s other (other includes transgender, two-spirit, or other)(specify)

d don't know r refused
@

[@] <1,3,5,d,r>
<s> [specify]

>sd5a< [define <d><98>] [define <r><99>]

[r] Including yourself, how many people are currently living in your household? [n]

1-97 enter number

d don't know r refused
@

[@] <2-97>
<1,d,r>[goto sd6r]

>sd6r< [# revised item name in 2008B][define <d><98>]
[define <r><99>]

[r] Are you presently working for pay in a full-time or in a part-time job, are [n]

[r] you unemployed, retired, a homemaker, a student, or something else? [n]

- 1 full-time job (including those on vacations, pregnancy leave, illness, or other types of paid leave from work)
- 2 part-time job
- 3 two or more jobs (self-employed and work for pay, part-time and full-time work, etc.)
- 4 unemployed
- 5 retired (includes retired and working part-time)
- 6 homemaker
- 7 student (includes students working part-time)
- 8 self-employed
- 9 disability

0 other
d don't know r refused
@

[@] <1-5,8> [goto sd7b]
<6>
<0,7,9,d,r> [goto sd7b]

>sd6b< [define <d><8>] [define <r><9>]

[r] Did you ever work for pay in a full-time or in a part-time job? [n]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r>

>sd7b< [define <d><8>] [define <r><9>]

[r] Do you currently have a valid driver's licence? [n]

[bold][yellow]

Interviewer: if respondent says "no", ask "did you have one in the past 12 months?"

[n][white]

1 yes

5 no
7 No, but I had one in the past 12 months

d don't know r refused
@

[@] <1>
<5,7,d,r> [goto sd8]

>sd7c< [#new in 2009] [define <d><8>] [define <r><9>][#ASK panel B only]

[r] What type of driver's licence do you have now? Do you have a level one [n]

[r] licence, a level two licence, or a full licence? [n]

- 1 Level One licence (includes G1, M1, or 'learner's')
- 2 Level Two graduated licence (includes G2, M2, 'intermediate' or 'probationary')
- 3 Full licence (includes G, M or 'unrestricted')

4 other, specify
d don't know r refused
@

[@] <1-3,d,r>
<4>[specify]

>sd8< [define <d><98>][define <r><99>] [define <s><0>]

[r] What language do you usually speak in your own home?
[n]

6 ENGLISH 7 French

1 Cantonese 13 Italian 22 Somali
1 Chinese 14 Japanese 23 Spanish
2 Croatian 15 Korean 4 Swedish
3 Czech 16 Macedonian 24 Tamil
4 Danish 1 Mandarin 25 Ukranian
5 Dutch 4 Norwegian 26 Urdu
8 Filipino 17 Polish 27 Vietnamese
4 Finnish 18 Portuguese 28 Welsh
9 German 19 Punjabi 29 Yugoslavian
10 Greek 30 Romanian
11 Hindi 20 Russian
12 Hungarian 21 Serbian

s Other (specify) r Refused
@

[@] <1-30>
<s> [specify]
<d,r>

>sd8a< [# revised 2012]

[r] In what country were you born?
[n]

1 CANADA
39 Albania 7 Hong Kong 15 Portugal
40 Argentina 8 Hungary 16 Romania
41 Austria 9 India 17 Russia
25 Barbados 10 Italy 19 Sri Lanka
26 Belgium 23 Iran 37 Trinidad
2 China 11 Jamaica 20 United States
22 Colombia 31 Korea 21 United
Kingdom (England,
27 Croatia 32 Lebanon Scotland,
Ireland, Wales,
28 Czech republic 33 Mexico Great
Britain)
29 Ecuador 12 Netherlands (Holland)
30 Finland 34 Nepal 18 Viet Nam
3 France 35 Nigeria 38 Yugoslavia
4 Germany 24 Pakistan
5 Greece 13 Philippines
6 Guyana 14 Poland

s Other (specify) r Refused @

[@] <2-41>
<s>[specify]

<1,d,r>[goto race1]

>sd8b< [define <d><9998>] [define <r><9999>]

[r] In what year did you first come to Canada to live?
[n]

[bold][yellow]

INTERVIEWER: Minimum is year of birth; maximum is
current year.

[n][white]

1900-2015 Enter year

0 I was born a canadian citizen

d don't know r refused

@

[@] <1900-2015,0,d,r>

>race1< [define <d><8>] [define <r><9>][define
<s><0>][#NEW 2012]

[r] How would you BEST describe your race or colour?
Would you say White, Asian,[n]
[r] Black, Aboriginal, Middle Eastern or Latin American?
[n]

1 White
2 Asian
3 Black
4 Aboriginal
5 Middle Eastern
6 Latin American

s other, include other, mixed, multiple answers here
(specify)

d don't know r refused
@

[@] <1-6,d,r>
<s>[specify][goto sd10]

>sd10< [define <d><999998.00>][define
<r><999999.00>]

[r] Could you please tell me how much income you and
other members of your [n]
[r] household received in the year ending December 31st
2015, before taxes? [n]

[r] Please include income FROM ALL SOURCES such as
savings, pensions, rent, and [n]

[r] unemployment insurance as well as wages.
[n]


```
[r] TO THE NEAREST THOUSAND DOLLARS, what
was your TOTAL HOUSEHOLD INCOME before[n]
[r] taxes and other deductions were made?
[n]
```

```
@ Enter full amount (include thousands)
```

```
d don't know r refused
```

```
[@] <1000.00-999996.00> [input format dollar commas]
[goto IN_POSTAL]
<d,r>
```

```
>sd10b< [define <d><98>][define <r><99>]
```

```
[r] We don't need the exact amount; could you tell me
which of these broad [n]
[r] categories it falls into...
[n]
```

- 1...less than \$20,000
- 2...between \$20,000 and \$30,000 (\$29,999.99)
- 3...between \$30,000 and \$40,000
- 4...between \$40,000 and \$50,000
- 5...between \$50,000 and \$60,000
- 6...between \$60,000 and \$70,000
- 7...between \$70,000 and \$80,000
- 8...between \$80,000 and \$90,000
- 9...between \$90,000 and \$100,000, or
- 10...more than \$100,000?

```
d Don't Know r Refused
```

```
@
```

```
[@] <1-10,d,r>
```

```
[# ===== begin POSTAL code routine
=====]
```

```
>IN_POSTAL< [allow int 1]
[if not entry mode][goto DONE_POSTAL][endif]
[store <1> in IN_POSTAL]
[start timer]
[start question count]
```

```
>timer_POSTAL< [allow int 6]
```

```
>count_POSTAL< [allow int 2]
```

```
>START_POSTAL< [undefine <d>][undefine <r>] [#
core]
```

```
>problem1< [template]
```

```
[if PROV is <10>]
```

```
Postal Codes in NEWFOUNDLAND must begin with: A
[endif]
```

```
[if PROV is <11>]
```

```
Postal Codes in PRINCE EDWARD ISLAND must begin
with: C
```

```
[endif]
```

```
[if PROV is <12>]
```

```
Postal Codes in NOVA SCOTIA must begin with: B
```

```
[endif]
```

```
[if PROV is <13>]
```

```
Postal Codes in NEW BRUNSWICK must begin with: E
```

```
[endif]
```

```
[if PROV is <24>]
```

```
Postal Codes in QUEBEC must begin with: G, H, or J
```

```
[endif]
```

```
[if PROV is <35>]
```

```
Postal Codes in ONTARIO must begin with: K,L,M,N,or
P
```

```
[endif]
```

```
[if PROV is <46>]
```

```
Postal Codes in MANITOBA must begin with: R
```

```
[endif]
```

```
[if PROV is <47>]
```

```
Postal Codes in SASKATCHEWAN must begin with: S
```

```
[endif]
```

```
[if PROV is <48>]
```

```
Postal Codes in ALBERTA must begin with: T
```

```
[endif]
```

```
[if PROV is <59>]
```

```
Postal Codes in BRITISH COLUMBIA must begin with:
```

```
V
```

```
[endif]
```

```
[if PROV is <60>]
```

```
Postal Codes in YUKON must begin with: Y
```

```
[endif]
```

```
[if PROV is <61>]
```

```
Postal Codes in NORTHWEST TERRITORY and
NUNAVUT must begin with: X
```

```
[endif]
```

```
[end]
```

```
>POSTALWINS< [window 3 destroy]
```

```
[window 3 default]
```

```
[window 3 size 14 rows 80 columns]
```

```
[window 3 background blue]
```

```
[window 3 no border]
```

```
[window 6 destroy]
```

```
[window 6 start row 20 column 1]
```

```
[window 6 size 17 rows 80 columns]
```

```
[window 6 border]
```

```
[window 6 displays]
```

```
[window 6 background yellow]
```

```
>POSTAL< [display problem1 window 6]
```

```
[open POSTAL][optional all]
```

```
[autoadvance]
```

```
[r] Can you tell me your postal code please?
```

```
[n]
```

```
[bold][yellow] Interviewer: Use "d" for don't know or
refused at first item only [n][white]
```

@1@2@3 @4@5@6
d

[@1][allow 1][reject nonalpha label <only letters here>][anychar]

<d> [goto POSTAL1]

[@2][allow int 1]<0-9>

[@3][allow 1][reject nonalpha][anychar]

[@4][allow int 1] <0-9>

[@5][allow 1][reject nonalpha][anychar]

[@6][allow int 1] <0-9>

>POSTAL.2<

[r] Pouvez-vous me donner votre code postal, s'il-vous-pla?t? [n]

[bold][yellow] Interviewer: Use "d" for don't know or refused at first item only [n][white]

@1@2@3 @4@5@6
d

>POSTAL1< [if POSTAL@1 is <d> or POSTAL@1 is <D>]

[store <9> in POSTAL@1]

[store <9> in POSTAL@2]

[store <9> in POSTAL@3]

[store <9> in POSTAL@4]

[store <9> in POSTAL@5]

[store <9> in POSTAL@6]

[goto FSA]

[endif]

[if POSTAL@2 is <d> or POSTAL@2 is <D>]

[store <9> in POSTAL@1]

[store <9> in POSTAL@2]

[store <9> in POSTAL@3]

[store <9> in POSTAL@4]

[store <9> in POSTAL@5]

[store <9> in POSTAL@6]

[goto FSA]

[endif]

[if POSTAL@3 is <d> or POSTAL@3 is <D>]

[store <9> in POSTAL@1]

[store <9> in POSTAL@2]

[store <9> in POSTAL@3]

[store <9> in POSTAL@4]

[store <9> in POSTAL@5]

[store <9> in POSTAL@6]

[goto FSA]

[endif]

>PCV1< [allow 7][store <> in PCV1]

>PCV2< [allow 5][store <> in PCV2]

>PCV3< [allow 7][store <> in PCV3]

>PCV4< [allow 5][store <> in PCV4]

>PCV5< [allow 7][store <> in PCV5]

>PCV6< [allow 5] [store <> in PCV6]

>PCV1F< [allow 8][store <> in PCV1F]

>PCV2F< [allow 6][store <> in PCV2F]

>PCV3F< [allow 8][store <> in PCV3F]

>PCV4F< [allow 6][store <> in PCV4F]

>PCV5F< [allow 8][store <> in PCV5F]

>PCV6F< [allow 6][store <> in PCV6F]

>LOAD1< [if POSTAL@1 is <a> or POSTAL@1 is <A>]

[store <Adam> in PCV1]

[store <Adam> in PCV1F]

[else]

[if POSTAL@1 is or POSTAL@1 is]

[store <Betty> in PCV1]

[store <Bertrand> in PCV1F]

[else]

[if POSTAL@1 is <c> or POSTAL@1 is <C>]

[store <Charlie> in PCV1]

[store <Charles> in PCV1F]

[else]

[if POSTAL@1 is <d> or POSTAL@1 is <D>]

[store <David> in PCV1]

[store <David> in PCV1F]

[else]

[if POSTAL@1 is <e> or POSTAL@1 is <E>]

[store <Edward> in PCV1]

[store <Edouard> in PCV1F]

[else]

[if POSTAL@1 is <f> or POSTAL@1 is <F>]

[store <Frank> in PCV1]

[store <Francis> in PCV1F]

[else]

[if POSTAL@1 is <g> or POSTAL@1 is <G>]

[store <George> in PCV1]

[store <Georges> in PCV1F]

[else]

[if POSTAL@1 is <h> or POSTAL@1 is <H>]

[store <Henry> in PCV1]

[store <Henri> in PCV1F]

[else]

[if POSTAL@1 is <i> or POSTAL@1 is <I>]

[store <Indigo> in PCV1]

[store <Indigo> in PCV1F]

[else]

[if POSTAL@1 is <j> or POSTAL@1 is <J>]

[store <John> in PCV1]

[store <Jean> in PCV1F]

[else]

[if POSTAL@1 is <k> or POSTAL@1 is <K>]

[store <King> in PCV1]

[store <Kevin> in PCV1F]

[else]

[if POSTAL@1 is <l> or POSTAL@1 is <L>]

[store <Lewis> in PCV1]

[store <Louis> in PCV1F]

[else]

[if POSTAL@1 is <m> or POSTAL@1 is <M>]

[store <Mary> in PCV1]

[store <Marie> in PCV1F]

[else]

```

[if POSTAL@1 is <n> or POSTAL@1 is <N>]
  [store <Nancy> in PCV1]
  [store <Nancy> in PCV1F]
[else]
[if POSTAL@1 is <o> or POSTAL@1 is <O>]
  [store <Otto> in PCV1]
  [store <Olivier> in PCV1F]
[else]
[if POSTAL@1 is <p> or POSTAL@1 is <P>]
  [store <Peter> in PCV1]
  [store <Pierre> in PCV1F]
[else]
[if POSTAL@1 is <q> or POSTAL@1 is <Q>]
  [store <Queen> in PCV1]
  [store <Qu?bec> in PCV1F]
[else]
[if POSTAL@1 is <r> or POSTAL@1 is <R>]
  [store <Robert> in PCV1]
  [store <Robert> in PCV1F]
[else]
[if POSTAL@1 is <s> or POSTAL@1 is <S>]
  [store <Susan> in PCV1]
  [store <Sylvie> in PCV1F]
[else]
[if POSTAL@1 is <t> or POSTAL@1 is <T>]
  [store <Thomas> in PCV1]
  [store <Thomas> in PCV1F]
[else]
[if POSTAL@1 is <u> or POSTAL@1 is <U>]
  [store <Union> in PCV1]
  [store <Univers> in PCV1F]
[else]
[if POSTAL@1 is <v> or POSTAL@1 is <V>]
  [store <Victor> in PCV1]
  [store <Victor> in PCV1F]
[else]
[if POSTAL@1 is <w> or POSTAL@1 is <W>]
  [store <William> in PCV1]
  [store <William> in PCV1F]
[else]
[if POSTAL@1 is <x> or POSTAL@1 is <X>]
  [store <X-ray> in PCV1]
  [store <Xerox> in PCV1F]
[else]
[if POSTAL@1 is <y> or POSTAL@1 is <Y>]
  [store <Young> in PCV1]
  [store <Yvon> in PCV1F]
[else]
[if POSTAL@1 is <z> or POSTAL@1 is <Z>]
  [store <Zebra> in PCV1]
  [store <Z?bre> in PCV1F]
[endif all]

>LOAD2< [if POSTAL@2 eq <1>]
  [store <One> in PCV2]
  [store <Un> in PCV2F]
[else]
[if POSTAL@2 eq <2>]
  [store <Two> in PCV2]
  [store <Deux> in PCV2F]
[else]
[if POSTAL@2 eq <3>]
    [store <Three> in PCV2]
    [store <Trois> in PCV2F]
  [else]
  [if POSTAL@2 eq <4>]
    [store <Four> in PCV2]
    [store <Quatre> in PCV2F]
  [else]
  [if POSTAL@2 eq <5>]
    [store <Five> in PCV2]
    [store <Cinq> in PCV2F]
  [else]
  [if POSTAL@2 eq <6>]
    [store <Six> in PCV2]
    [store <Six> in PCV2F]
  [else]
  [if POSTAL@2 eq <7>]
    [store <Seven> in PCV2]
    [store <Sept> in PCV2F]
  [else]
  [if POSTAL@2 eq <8>]
    [store <Eight> in PCV2]
    [store <Huit> in PCV2F]
  [else]
  [if POSTAL@2 eq <9>]
    [store <Nine> in PCV2]
    [store <Neuf> in PCV2F]
  [else]
  [if POSTAL@2 eq <0>]
    [store <Zero> in PCV2]
    [store <Z?ro> in PCV2F]
  [endif all]

  >LOAD3< [if POSTAL@3 is <a> or POSTAL@3 is <A>]
    [store <Adam> in PCV3]
    [store <Adam> in PCV3F]
  [else]
  [if POSTAL@3 is <b> or POSTAL@3 is <B>]
    [store <Betty> in PCV3]
    [store <Bertrand> in PCV3F]
  [else]
  [if POSTAL@3 is <c> or POSTAL@3 is <C>]
    [store <Charlie> in PCV3]
    [store <Charles> in PCV3F]
  [else]
  [if POSTAL@3 is <d> or POSTAL@3 is <D>]
    [store <David> in PCV3]
    [store <David> in PCV3F]
  [else]
  [if POSTAL@3 is <e> or POSTAL@3 is <E>]
    [store <Edward> in PCV3]
    [store <Edouard> in PCV3F]
  [else]
  [if POSTAL@3 is <f> or POSTAL@3 is <F>]
    [store <Frank> in PCV3]
    [store <Francis> in PCV3F]
  [else]
  [if POSTAL@3 is <g> or POSTAL@3 is <G>]
    [store <George> in PCV3]
    [store <Georges> in PCV3F]
  [else]
  [if POSTAL@3 is <h> or POSTAL@3 is <H>]

```

```

[store <Henry> in PCV3]
[store <Henri> in PCV3F]
[else]
[if POSTAL@3 is <i> or POSTAL@3 is <I>]
[store <Indigo> in PCV3]
[store <Indigo> in PCV3F]
[else]
[if POSTAL@3 is <j> or POSTAL@3 is <J>]
[store <John> in PCV3]
[store <Jean> in PCV3F]
[else]
[if POSTAL@3 is <k> or POSTAL@3 is <K>]
[store <King> in PCV3]
[store <Kevin> in PCV3F]
[else]
[if POSTAL@3 is <l> or POSTAL@3 is <L>]
[store <Lewis> in PCV3]
[store <Louis> in PCV3F]
[else]
[if POSTAL@3 is <m> or POSTAL@3 is <M>]
[store <Mary> in PCV3]
[store <Marie> in PCV3F]
[else]
[if POSTAL@3 is <n> or POSTAL@3 is <N>]
[store <Nancy> in PCV3]
[store <Nancy> in PCV3F]
[else]
[if POSTAL@3 is <o> or POSTAL@3 is <O>]
[store <Otto> in PCV3]
[store <Olivier> in PCV3F]
[else]
[if POSTAL@3 is <p> or POSTAL@3 is <P>]
[store <Peter> in PCV3]
[store <Pierre> in PCV3F]
[else]
[if POSTAL@3 is <q> or POSTAL@3 is <Q>]
[store <Queen> in PCV3]
[store <Qu?bec> in PCV3F]
[else]
[if POSTAL@3 is <r> or POSTAL@3 is <R>]
[store <Robert> in PCV3]
[store <Robert> in PCV3F]
[else]
[if POSTAL@3 is <s> or POSTAL@3 is <S>]
[store <Susan> in PCV3]
[store <Sylvie> in PCV3F]
[else]
[if POSTAL@3 is <t> or POSTAL@3 is <T>]
[store <Thomas> in PCV3]
[store <Thomas> in PCV3F]
[else]
[if POSTAL@3 is <u> or POSTAL@3 is <U>]
[store <Union> in PCV3]
[store <Univrs> in PCV3F]
[else]
[if POSTAL@3 is <v> or POSTAL@3 is <V>]
[store <Victor> in PCV3]
[store <Victor> in PCV3F]
[else]
[if POSTAL@3 is <w> or POSTAL@3 is <W>]
[store <William> in PCV3]
[store <William> in PCV3F]

```

```

[else]
[if POSTAL@3 is <x> or POSTAL@3 is <X>]
[store <X-ray> in PCV3]
[store <Xerox> in PCV3F]
[else]
[if POSTAL@3 is <y> or POSTAL@3 is <Y>]
[store <Young> in PCV3]
[store <Yvon> in PCV3F]
[else]
[if POSTAL@3 is <z> or POSTAL@3 is <Z>]
[store <Zebra> in PCV3]
[store <Z?bre> in PCV3F]
[endif all]

>LOAD4< [if POSTAL@4 eq <1>]
[store <One> in PCV4]
[store <Un> in PCV4F]
[else]
[if POSTAL@4 eq <2>]
[store <Two> in PCV4]
[store <Deux> in PCV4F]
[else]
[if POSTAL@4 eq <3>]
[store <Three> in PCV4]
[store <Trois> in PCV4F]
[else]
[if POSTAL@4 eq <4>]
[store <Four> in PCV4]
[store <Quatre> in PCV4F]
[else]
[if POSTAL@4 eq <5>]
[store <Five> in PCV4]
[store <Cinq> in PCV4F]
[else]
[if POSTAL@4 eq <6>]
[store <Six> in PCV4]
[store <Six> in PCV4F]
[else]
[if POSTAL@4 eq <7>]
[store <Seven> in PCV4]
[store <Sept> in PCV4F]
[else]
[if POSTAL@4 eq <8>]
[store <Eight> in PCV4]
[store <Huit> in PCV4F]
[else]
[if POSTAL@4 eq <9>]
[store <Nine> in PCV4]
[store <Neuf> in PCV4F]
[else]
[if POSTAL@4 eq <0>]
[store <Zero> in PCV4]
[store <Z?ro> in PCV4F]
[endif all]

>LOAD5< [if POSTAL@5 is <a> or POSTAL@5 is <A>]
[store <Adam> in PCV5]
[store <Adam> in PCV5F]
[else]
[if POSTAL@5 is <b> or POSTAL@5 is <B>]

```

```

[store <Betty> in PCV5]
[store <Bertrand> in PCV5F]
[else]
[if POSTAL@5 is <c> or POSTAL@5 is <C>]
[store <Charlie> in PCV5]
[store <Charles> in PCV5F]
[else]
[if POSTAL@5 is <d> or POSTAL@5 is <D>]
[store <David> in PCV5]
[store <David> in PCV5F]
[else]
[if POSTAL@5 is <e> or POSTAL@5 is <E>]
[store <Edward> in PCV5]
[store <Edouard> in PCV5F]
[else]
[if POSTAL@5 is <f> or POSTAL@5 is <F>]
[store <Frank> in PCV5]
[store <Francis> in PCV5F]
[else]
[if POSTAL@5 is <g> or POSTAL@5 is <G>]
[store <George> in PCV5]
[store <Georges> in PCV5F]
[else]
[if POSTAL@5 is <h> or POSTAL@5 is <H>]
[store <Henry> in PCV5]
[store <Henri> in PCV5F]
[else]
[if POSTAL@5 is <i> or POSTAL@5 is <I>]
[store <Indigo> in PCV5]
[store <Indigo> in PCV5F]
[else]
[if POSTAL@5 is <j> or POSTAL@5 is <J>]
[store <John> in PCV5]
[store <Jean> in PCV5F]
[else]
[if POSTAL@5 is <k> or POSTAL@5 is <K>]
[store <King> in PCV5]
[store <Kevin> in PCV5F]
[else]
[if POSTAL@5 is <l> or POSTAL@5 is <L>]
[store <Lewis> in PCV5]
[store <Louis> in PCV5F]
[else]
[if POSTAL@5 is <m> or POSTAL@5 is <M>]
[store <Mary> in PCV5]
[store <Marie> in PCV5F]
[else]
[if POSTAL@5 is <n> or POSTAL@5 is <N>]
[store <Nancy> in PCV5]
[store <Nancy> in PCV5F]
[else]
[if POSTAL@5 is <o> or POSTAL@5 is <O>]
[store <Otto> in PCV5]
[store <Olivier> in PCV5F]
[else]
[if POSTAL@5 is <p> or POSTAL@5 is <P>]
[store <Peter> in PCV5]
[store <Pierre> in PCV5F]
[else]
[if POSTAL@5 is <q> or POSTAL@5 is <Q>]
[store <Queen> in PCV5]
[store <Qu?bec> in PCV5F]

```

```

[else]
[if POSTAL@5 is <r> or POSTAL@5 is <R>]
[store <Robert> in PCV5]
[store <Robert> in PCV5F]
[else]
[if POSTAL@5 is <s> or POSTAL@5 is <S>]
[store <Susan> in PCV5]
[store <Sylvie> in PCV5F]
[else]
[if POSTAL@5 is <t> or POSTAL@5 is <T>]
[store <Thomas> in PCV5]
[store <Thomas> in PCV5F]
[else]
[if POSTAL@5 is <u> or POSTAL@5 is <U>]
[store <Union> in PCV5]
[store <Univers> in PCV5F]
[else]
[if POSTAL@5 is <v> or POSTAL@5 is <V>]
[store <Victor> in PCV5]
[store <Victor> in PCV5F]
[else]
[if POSTAL@5 is <w> or POSTAL@5 is <W>]
[store <William> in PCV5]
[store <William> in PCV5F]
[else]
[if POSTAL@5 is <x> or POSTAL@5 is <X>]
[store <X-ray> in PCV5]
[store <Xerox> in PCV5F]
[else]
[if POSTAL@5 is <y> or POSTAL@5 is <Y>]
[store <Young> in PCV5]
[store <Yvon> in PCV5F]
[else]
[if POSTAL@5 is <z> or POSTAL@5 is <Z>]
[store <Zebra> in PCV5]
[store <Z?bre> in PCV5F]
[endif all]

```

```

>LOAD6< [if POSTAL@6 eq <1>]
[store <One> in PCV6]
[store <Un> in PCV6F]
[else]
[if POSTAL@6 eq <2>]
[store <Two> in PCV6]
[store <Deux> in PCV6F]
[else]
[if POSTAL@6 eq <3>]
[store <Three> in PCV6]
[store <Trois> in PCV6F]
[else]
[if POSTAL@6 eq <4>]
[store <Four> in PCV6]
[store <Quatre> in PCV6F]
[else]
[if POSTAL@6 eq <5>]
[store <Five> in PCV6]
[store <Cinq> in PCV6F]
[else]
[if POSTAL@6 eq <6>]

```

```

[store <Six> in PCV6]
[store <Six> in PCV6F]
[else]
[if POSTAL@6 eq <7>]
[store <Seven> in PCV6]
[store <Sept> in PCV6F]
[else]
[if POSTAL@6 eq <8>]
[store <Eight> in PCV6]
[store <Huit> in PCV6F]
[else]
[if POSTAL@6 eq <9>]
[store <Nine> in PCV6]
[store <Neuf> in PCV6F]
[else]
[if POSTAL@6 eq <0>]
[store <Zero> in PCV6]
[store <Z?ro> in PCV6F]
[endif all]

```

```
>CHECK_POSTAL< [allow int 1][autoadvance end]
```

```

[r] So just to confirm I've entered everything correctly,
your postal code is: [n]
[r] [fill PCV1] [fill PCV2] [fill PCV3] [fill PCV4] [fill
PCV5] [fill PCV6] ([fill POSTAL@1] [fill POSTAL@2]
[fill POSTAL@3] [fill POSTAL@4] [fill POSTAL@5]
[fill POSTAL@6]). [n]

```

```

[r] Is that correct?
[n]

```

```

1 Yes
5 No

```

```

r refused
@

```

```

[@]<1,9> [goto FSA]
<5> [goto FIX_POSTAL]

```

```

>FIX_POSTAL< [store <> in POSTAL@1]
[store <> in POSTAL@2]
[store <> in POSTAL@3]
[store <> in POSTAL@4]
[store <> in POSTAL@5]
[store <> in POSTAL@6]
[store <> in CHECK_POSTAL]
[goto POSTAL]

```

```

>FSA< [allow 3]
[make FSA from POSTAL@1 POSTAL@2
POSTAL@3]

```

```

>LDU< [allow 3]
[make LDU from POSTAL@4 POSTAL@5
POSTAL@6]

```

```
>POSTAL2< [if FSA is <999> goto DONE_POSTAL]
```

```

>DONE_POSTAL< [window 3 destroy]
[window 3 default]
[window 3 background blue]
[window 3 no border]
[window 6 destroy]

```

```

>OUT_POSTAL< [allow int 1]
[if not entry mode][goto END_POSTAL][endif]
[store <1> in OUT_POSTAL]
[stop timer][record timer in timer_POSTAL]
[stop question count][record question count in
count_POSTAL]

```

```
>END_POSTAL<
```

```

[#-----end of POSTAL code routine-----
--]

```

```
>cd< [goto cty1]
```

```

>cty1< [allow int 2][define <d><98>] [define
<r><99>][define <s><0>]

```

```

[r] In what COUNTY or regional municipality do you live?
[n]

```

```

18 Durham RM(Oshawa Ajax Newcastle Pickering
Whitby)
28 Haldimand-Norfolk RM(Nanticoke Dunnville
Simcoe Delhi Norfolk)
24 Halton RM(Burlington Halton Hills Milton
Oakville)
25 Hamilton-Wentworth RM(Ancaster Dundas
Flamborough Stoney Creek)

```

```

20 Metro Toronto(North York York East York
Scarborough Etobicoke)
26 Niagara RM(St Kitts Thorold Welland Niagara-on-
the Lake Grimsby)
14 Northumberland C(Brighton Cobourg Port Hope)
21 Peel RM(Brampton Mississauga Caledon)
43 Simcoe C(Barrie Orillia Collingwood Midland
Wasaga Beach)
19 York RM(Aurora Markham Newmarket RichHill
Vaughan King)

```

```

s Other (specify)
d Don't Know r Refused
@

```

```

[@] <18,28,24,25,20,26,14,21,43,19,d,r> [goto end_cty]
<s> [specify][goto end_cty]

```

```

>cty2< [allow int 2][equiv cty1] [define <d><98>] [define
<r><99>][define <s><0>]
[r] In what COUNTY or regional municipality do you live?
[n]

```

29 Brant C(Brantford Paris Burford)
 41 Bruce C(Kincardine Port Elgin Southampton
 Walkerton Wiarton)
 22 Dufferin C(Orangeville Shelburne Grand Valley)
 34 Elgin C(St Thomas Aylmer Port Stanley)
 37 Essex C(Windsor Amherstburg Leamington
 Tecumseh)
 42 Grey C(Owen Sound Durham Hanover)
 28 Haldimand-Norfolk RM(Nanticoke Dunnville
 Simcoe Delhi Norfolk)
 25 Hamilton-Wentworth RM(Ancaster Dundas
 Flamborough Stoney Creek)
 40 Huron C(Clinton Exeter Goderich Seaforth
 Wingham)
 36 Kent C(Chatham Blenheim Wallaceburg)
 38 Lambton C(Sarnia Forest Petrolia)
 39 Middlesex C(London Strathroy)
 32 Oxford C(Woodstock Ingersoll Tillsonburg)
 21 Peel RM(Brampton Mississauga Caledon)
 31 Perth C(Stratford St Marys Listowel)
 30 Waterloo RM(Cambridge Kitchener Wilmot
 Woolwich)
 23 Wellington C(Guelph Fergus Mount Forest Arthur
 Elora)
 s other (specify) d don't know r refused
 @

[@] <29,41,22,34,37,42,28,25,40,36,38,39,32,21,31,30,23>
 [goto end_cty]
 <d,r> [goto end_cty]
 <s> [specify][goto end_cty]

>cty3< [allow int 2][equiv cty1][define <d><98>] [define
 <r><99>][define <s><0>]
 [r] In what COUNTY or regional municipality do you live?
 [n]

10 Frontenac C(Kingston)
 46 Haliburton C(Minden)
 12 Hastings C(Belleville Trenton Tweed Bancroft)
 09 Lanark C(Almonte Carleton Place Smith Falls Perth)
 07 Leeds & Grenville C(Brockville Gananoque
 Prescott)
 11 Lennox & Addington C(Napanee Bath Newburgh)
 48 Nipissing D(North Bay Mattawa Sturgeon Falls)
 14 Northumberland C(Brighton Cobourg Port Hope)
 06 Ottawa-Carleton RM(Gloucester Kanata Nepean
 Vanier Cumberland)
 02 Prescott & Russell C(Hawkesbury Rockland)
 13 Prince Edward C(Picton Bloomfield Wellington)
 47 Renfrew C(Pembroke Arnprior Deep River Barry_s
 Bay)
 01 Stormont, Dundas & Glengary C(Cornwall
 Alexandria)
 s other (specify) d don't know r refused
 @

[@] <10,46,12,09,07,11,48,14,06,02,13,47,01> [goto
 end_cty]
 <d,r> [goto end_cty]
 <s> [specify][goto end_cty]

>cty4<[allow int 2][equiv cty1]
 [r] In what COUNTY or regional municipality do you live?
 [n]
 57 Algoma D(Sault Ste Marie Blind River Elliott Lake)
 56 Cochrane D(Timmins Hearst Kapuskasing)
 18 Durham RM(Oshawa Ajax Newcastle Pickering
 Whitby)
 46 Haliburton C(Minden)
 51 Manitoulin D(Gore Bay Little Current)
 44 Muskoka DM(Bracebridge Gravenhurst Huntsville)
 48 Nipissing D(North Bay Mattawa Sturgeon Falls)
 14 Northumberland C(Brighton Cobourg Port Hope)
 49 Parry Sound D(Powassan)
 15 Peterborough C(Havelock Lakefield)
 47 Renfrew C(Pembroke Arnprior Deep River Barry_s
 Bay)
 43 Simcoe C(Barrie Orillia Collingwood Midland
 Wasaga Beach)
 53 Sudbury RM(Capreol Nickel Centre Rayside Valley
 East)
 52 Sudbury D(Espanola Chapleau)
 54 Timiskaming D(Cobalt Haileybury Kirkland Lake
 New Liskeard)
 16 Victoria C(Lindsay Bobcaygeon Fenelon Falls)
 19 York RM(Aurora Markham Newmarket RichHill
 Vaughan King)
 s other (specify) d don't know r refused
 @

[@] <57,56,18,46,51,44,48,14,49,15,47,43,53,52,54,16,19>
 [goto end_cty]
 <d,r> [goto end_cty]
 <s> [specify][goto end_cty]

>cty5< [allow int 2][equiv cty1][define <d><98>] [define
 <r><99>][define <s><0>]

[r] In what COUNTY or regional municipality do you live?
 [n]
 60 Kenora D(Dryden Keewatin Sioux Lookout)
 59 Rainy River D(Fort Francis)
 58 Thunder Bay D(Geraldton Longlac)
 s Other (specify)
 d Don't Know r Refused
 @

[@] <60,59,58,d,r>
 <s> [specify]

>end_cty<

===== RESPONDENT EVALUATIONS
 =====]

```
>re1< [define <d><8>] [define <r><9>]
```

```
[r] Do you think this interview was MUCH too long,  
SOMEWHAT long, or ABOUT right?[n]
```

```
1 much too long  
3 somewhat long  
5 about right
```

```
d don't know r refused
```

```
@
```

```
[@] <1,3,5,d,r>
```

```
>re2< [define <d><8>] [define <r><9>]
```

```
[r] Overall, would you say that this interview was not at all  
difficult, [n]
```

```
[r] somewhat difficult, or much too difficult to do?
```

```
[n]
```

```
1 not at all difficult  
3 somewhat difficult  
5 much too difficult
```

```
d don't know r refused
```

```
@
```

```
[@] <1,3,5,d,r>
```

```
>stop< [if ETIM eq <>][settime ETIM][endif]  
[goto SET]
```