

CAMH MONITOR



2010



TECHNICAL GUIDE

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1. Background

The *CAMH Monitor* (CM), conducted by the Centre for Addiction and Mental Health (CAMH), is an on-going monitoring survey of Ontario adults. One of the mandates of the Centre for Addiction and Mental Health, and formerly of the Addiction Research Foundation (ARF), is to provide epidemiological monitoring of indicators related to alcohol, tobacco, and drug use, as well as mental health. As noted below, there is a long tradition of epidemiological survey research in this area. Also evident is the historical progression from surveys assessing strictly alcohol and other drug use, to the *Ontario Drug Monitor* (ODM), which broadened the scope of alcohol and other drug use issues. In 1999, this development continued, and the expanded survey, the *CAMH Monitor* (CM) now includes indicators of health and mental health.

First conducted in 1996, the CM is designed to serve as the primary vehicle for monitoring addictions and mental health issues in Ontario - including alcohol and other drug consumption, substance use problems and public opinion regarding drug issues and policies, mental health status and gambling.

This report describes four important aspects of the 2010 cycle of the CM series: first, the sampling design and strategy is described; second, the outcome of the sampling strategy and the sample quality are evaluated; third, the instrument and questionnaire items are documented; and fourth, the data file and its characteristics are described.

The *CAMH Monitor* is based on the experience of previous monitoring studies, 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* has been designed to maintain many of the features of previous surveys. Including the CM 2010, this area of research represents 25 surveys conducted since 1977, making this project the longest ongoing study of adult drug use in Canada (see Table 1).

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Table 1. ARF/ CAMH - Ontario Adult Population Surveys, 1977-2009

	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)

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

1.1 Major Differences Between CAMH Monitor and Earlier Surveys

There are three major differences between the CAMH Monitor and earlier surveys:

1. The *CM* is based on the annual cumulation of 12 rolling monthly samples (versus the periodic time-limited fieldwork in earlier surveys). Such “rolling” or continuous surveys have several advantages over periodic surveys including the following:
 - Greater capacity to detect seasonal and secular trends;
 - Greater capacity to provide timely information¹;
 - Ability to accumulate rare populations across time (Kalton, 2009; Kish, 1999);
 - Multiple repeated samples lead to better statistical estimation (Kish, 1965);
 - Potential for quickly evaluating changes in programs, policies and legislation.

2. The *CM* is regionally stratified with equal allocation of respondents within each region (versus non-stratified, proportional allocation employed in earlier surveys). Thus, the precision of estimates from areas such as Northern Ontario are improved compared to earlier surveys. As well, the potential for pooling cases across samples for regional and subgroup analyses is greatly enhanced.

3. The *CM 2010* sample size was increased from earlier surveys to over 3,000 respondents. Typically, the sample size was exceeding 2,000 per year. Between 1996 and 2009, the annual sample size varied between 2,005 and 2,776 respondents.

See Appendix A for details of earlier surveys.

2. CAMH Monitor Sample Design

The 2010 cycle of the *CM* survey was administered by the Institute for Social Research, York University, as were all RDD telephone surveys since 1991. The *CM* sample design employed a stratified (by six regional area codes) two-stage (telephone number; respondent) list-assisted ²RDD rolling monthly probability selection procedure, which interviewed English-speaking household residents of Ontario aged 18 and older. Each calendar year the 12 monthly non-overlapping samples were cumulated to provide a single annual data file (Alexander, 2002; Kish, 1999).

The CAMH Monitor Sample Design

Stage of Selection	Primary Sampling Unit (PSU) / Secondary Sampling Unit (SSU)	Strata
1.	Telephone household, selected each month using list-assisted RDD rolling monthly samples with equal probability	Area code based region (n=6); equally allocated
2.	Respondent aged 18+, selected using last birthday method	None

¹ Because changes in the CATI can be made quickly, emerging issues can be readily addressed.

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 possible selection of cell phone numbers, unlisted numbers and newly-listed numbers.

2.1 Frame Creation

Since 2000, the sampling frame is created using 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 of the telephone number). 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. For example, if the selected number 416-651-8513 is published in a directory then all numbers from 416-651-8510 to 416-651-8519 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 list from which each monthly sample is drawn. Since unlisted numbers, cell phone numbers and newly published numbers are interspersed among published numbers, this strategy provides a much better sample than one based on listed numbers alone.³

2.2 Sample Selection

Stage 1 selection: Within each of the six regional stratum, *each month* a random sample of telephone numbers was selected with equal probability from the frame described above.

Stage 2 selection: Within selected telephone households, one respondent age 18 or older who could complete the interview in English⁴ was selected according to the “last birthday” method of household members (Binson, Canchola, & Catania, 2000; Rizzo, Brick, & Park, 2004). 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.⁵

To increase the precision of estimates within different areas of the province, the sample was equally allocated among six strata according to area code, thus resulting in a disproportional-to-population allocation (see Table 2). The CAMH Monitor sample is representative for Ontarians aged 18 and older (9,460,369 individuals) (see Table 5a).

³ Including cell phones numbers should improve the sample quality given that recent research suggests that exclusive landline surveys underestimate several health behaviours including binge drinking and smoking (Blumberg, Luke, & Cynamon, 2006).

⁴ With initiation 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.

⁵ These households ('refusers') are called back to attempt to complete an interview. These 'refusal conversions' are done by a sub-group of experienced, specifically trained interviewers. Those respondents who refuse by saying 'put me on your do-not-call list' (even though researchers are exempt from this list) or are very upset about the request are never called back.

Table 2. Regional Stratification of the CAMH Monitor Sample

Region	County	Area Code
Toronto	Toronto	416, 647
Central West	Halton; Hamilton-Wentworth; Peel; Waterloo; Wellington; Dufferin; Niagara; Brant; Haldiman-Norfolk	519, 905, 289
Central East	Simcoe; York; Haliburton; Peterborough; Victoria; Northumberland; Durham	705, 905, 289
West	Kent; Huron; Perth; Elgin; Oxford; Middlesex; Grey; Bruce; Lambton; Essex	519
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

3. Data Collection and Quality

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

Two categories of questions are asked in the *CM* – core and panel items. In total, **3,030** respondents completed the interview in 2010. Two CATI interviews were employed: Panel A represents interviews with **1,006** respondents, while Panel B represents interviews with **2,024** respondents. Both interviews were conducted January through December. To reduce respondent burden and maximize questionnaire content and flexibility, the *CM* employs a matrix interview design, whereby within each panel, random subsets of respondents are asked various modules of questions, while other respondents are asked modules of different questions. The majority of the interview is composed of *core* items which are asked of all respondents (i.e., both Panel A and Panel B respondents) (See Appendix C for the questionnaire). The major advantage of this matrix design is that the interview content can be maximized without increasing the length of a single interview. In addition, the CATI'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 (unless imputation methods are used). 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 interviews were pretested with approximately 25 respondents. This pre-survey analysis included information from pretest respondents, interviewer debriefings and expert evaluation from staff at the ISR and the CAMH.

Compared with “paper-pencil” questionnaires, CATI interviews have several advantages, including: immediate data capture, automatic control of question sequences, centralized interviewer supervision and capability of randomization of respondents to particular questions. On average, the 2010 interviews lasted **21** minutes (range 7-74 min.; median 20 min.; 94% of interviews completed within 30 min). Interviews were conducted by 52 ISR interviewers, many of whom had considerable CATI experience and had completed interviews on prior CAMH surveys. In addition, all respondents who refused to participate on the first call, were recontacted by an experienced interviewer in order to maximize participation (16% of initial refusers agreed to participate upon recontact).⁶

3.3 Methodological & Special Studies

Each CM cycle may contain investigations such as pilot studies, experiments, or recruitment requests for people to participate in other related projects at the CAMH. Special studies are usually included in only one CM cycle, most likely as part of a panel. CM 2010 contained: a special section on alcohol purchasing in Panel A, and, in Panel B, questions about driving and street racing, driving and use of prescription opioid pain relievers, and questions about financial stress.

3.4 Respondent Evaluations

Improvement in the quality of survey data depends upon on-going evaluation. In order to continually assess the quality of responses and to further improve future CM interviews, 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.

Thirty-eight per cent of respondents found the interview “too long” or “somewhat long” (significantly lower than the 48% in 2009), and only 7% said the interview was “somewhat” or “much too difficult” (down from 9% found in 2009). As well, about 12% said they found some questions confusing or unclear (down from 14% in 2009).

When asked which survey questions were confusing, the most common answers included items about mental health, questions concerning taxes and smoking in public places, and questions about alcohol and drug use. Reasons as to 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 questions).

In addition, about 18% said there were questions that they understood, but still found difficult to answer. The most frequently cited were: drug and alcohol use questions; mental health; ethnicity and household income. Among the more common problems mentioned were absence of knowledge or unfamiliarity with the situation or lifestyle presented; recall difficulty; being unable to give a straight answer; and perception of the topic as too personal.

⁶ Each cycle of the CM procedures and interviews was approved by the CAMH Research Ethics Board.

Revisions are underway to further reduce the ambiguity and burden on respondents in order to further improve the data quality of the CM.

3.5 Data Limitations

Although sample surveys are the most feasible means to establish and monitor substance use issues in the population, those interpreting CM data should consider the following:

Telephone households. The CM is based on a target population of households with telephones. Whether drug use estimates would be significantly biased by projecting to all households depends on the size of non-telephone households and their demographic composition. Statistics Canada, using their 2010 *Residential Telephone Service Survey* (RTSS), estimated that 12% of Ontario households had no landline telephone, of which 11% had a cell-phone only and 1% were phoneless (Statistics Canada, 2011).

As well, conventional household surveys are limited to those residing in conventional households and are not intended as a sample of all possible adults. Thus, those in prisons, hospitals, military establishments, and, as well, transient populations such as the homeless, are not included. These excluded groups often contain an especially large number of drug users and heavy drinkers (Rossi, 1989). However, the bias caused by such noncoverage depends upon firstly, the difference in drug use between those surveyed and those not surveyed, and secondly, the size of the group missed (Groves & Couper, 1998). Thus, even if rates of drug use are substantially higher in the excluded group than are 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). Telephone surveys tend to over-represent those with higher education and under-represent those with lower education (Trewin & Lee, 1988).

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 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 (Harrison, Haaga, & Richards, 1993; Turner, Lessler, & Gfroerer, 1992). Moreover, although these biases influence alcohol and drug use estimates at a single point in time, they should have less impact on estimating trends as long as underreporting remains constant. If this is the case, estimates of change should remain unbiased and valid.

3.6 Participation

Of the 8,473 telephone numbers selected during the 12 months of 2010 (of which 5,986 were known to be or estimated to be eligible)⁷, **3,030** respondents participated, representing an effective response rate of **51%** (monthly response rates varied from 48%

⁷ Whether eligible respondents reside in noncontacted households is unknown, but is estimated based on the eligible proportion of respondents derived among contacted households. This issue is not unimportant to telephone surveys because ignoring unknown eligibles persons overestimates the response rate. All response rate calculations are based on unweighted data.

to 53%) (Table 3).⁸ The *CM* unit response rates are higher than those of the most recent Canadian alcohol and drug use surveys, including the 2004 *Canadian Addiction Survey* (response rate = 47%) (Adlaf, Begin, & Sawka, 2005) and the more recent 2009 *CADUMS (Canadian Alcohol and Drug Use Monitor Survey)* (Health Canada, 2010), which obtained an overall response rate of 45%. The *Behavioral Risk Factor Surveillance Survey (BRFSS)*, the largest health risk RDD survey conducted in the United States by the Centers for Disease Control, obtained a median state response rate of 53% in 2009.⁹ The decline in response rates in the past decade is common among many respected large-scale surveys. For example, the University of Michigan's Survey of Consumer Attitudes, has found a decline in response rates from 60% in 1996 to 48% in 2003 (Curtin, Presser, & Singer, 2005).

The *CM* has also experienced a decline in response rates with time. Unit response rates for the 19 surveys conducted between 1991 and 2009 vary from 53% to 69% with an average of 62% and median of 61%. An analysis regressing response rates (in proportions) on year showed a small, but discernible linear annual decline in response rates of 2.5 percentage points with each survey ($b_{\text{year}} = -.025, p < .001$).

Starting with the 2008 cycle of the survey, in order to maximize the response rate for the survey, all eligible households in the Toronto area (who had the lowest response rate in the sample), were mailed an advance letter. The advance letter 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 out one month prior to the actual phone call. The average response rate in 2007 for Toronto (no letter) was 44.8%. After 6 waves of data collection in 2008 (with the letter) the average response rate (in Toronto) was up to 51.9%. In addition, the ratio of completions to refusals has improved, and the number of refusals before completion has decreased - all in all, it seemed to be having a positive effect. It seemed to be effective not only in making households aware of the importance of the study and in expecting the phone call, but it also gave interviewers an extra boost of confidence when talking to respondents.

Based on these results, the advance letter strategy was expanded to all eligible households in the province and this approach was kept throughout the 2009 and the 2010 cycle (see Appendix B). Details on the fieldwork statistics and monthly response rates are presented in Table 3.

⁸ We employ AAPOR's response rate calculation #3, which includes an estimate of unknown eligibles (see Standard Definitions at <http://www.AAPOR.org/>). $AAPOR\ RR3 = \frac{I}{(I + P) + (R + NC + O) + e(UH + UO)}$, where I=completions; P=partial completions; R=refusals/breakoffs; NC=non-contacts; O=other; e=estimated proportion of cases of unknown eligibility that are eligible; UH=unknown if household; UO=unknown other.

⁹ CDC, ftp://ftp.cdc.gov/pub/Data/Brfss/2009_Summary_Data_Quality_Report.pdf Accessed March 5, 2011.

Table 3. CM 2010 - Fieldwork Statistics

Wave	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN-DEC
Panel	A	A	A	A	A	A	B	B	B	B	B	B	A-B
Begin fieldwork	1/04	2/01	3/01	4/02	5/01	6/02	7/04	8/01	9/01	10/01	11/01	12/02	1/04
End fieldwork	1/31	2/28	3/31	4/30	5/31	6/30	7/31	8/31	9/30	10/31	11/29	12/30	12/30
Total units (1)	711	729	696	701	708	711	633	711	713	707	727	726	8473
Resolved [Eligibility known] (2)	682	702	672	678	685	682	627	684	701	678	690	695	8176
In scope [Eligible] (4)	486	496	485	490	497	496	432	485	494	470	484	461	5776
Respondents (6)	269	267	264	252	260	252	214	256	256	252	256	232	3030
Refusal conversions (11)													
Other Rs (12)													
Non-respondents (7)	217	229	221	238	237	244	218	229	238	218	228	229	2746
Refusals (13)	181	199	188	199	198	181	175	176	183	177	177	167	2201
Noncontacts (14)													
Other nonrespondents (15)	36	30	33	39	39	63	43	53	55	41	51	62	545
Out of scope [Not eligible] (5)	196	206	187	188	188	186	195	199	207	208	206	234	2400
Nonexistent units (8)													
Temporarily out of scope (9)													
Permanently out of scope (10)	196	206	187	188	188	186	195	199	207	208	206	234	2400
Unresolved/Eligibility unknown (3)	29	27	24	23	23	29	6	27	12	29	37	31	297
Estimated in scope (3A)	21	19	17	17	17	21	4	19	8	20	34	21	210
Estimated out of scope (3B)	8	8	7	6	6	8	2	8	4	9	3	10	87
Response rate ----- (6/4+3A)	0.53	0.52	0.53	0.50	0.51	0.49	0.49	0.51	0.51	0.51	0.49	0.48	0.51
Cooperation rate -----(6/6+13)	0.60	0.57	0.58	0.56	0.57	0.58	0.55	0.59	0.58	0.59	0.59	0.58	0.58
Refusal rate -----(13/4)	0.37	0.40	0.39	0.41	0.40	0.36	0.41	0.36	0.37	0.38	0.37	0.36	0.38
Nonresponse rate -----(7+3A/4+3A)	0.49	0.50	0.49	0.52	0.51	0.53	0.51	0.51	0.50	0.51	0.54	0.54	0.51
Noncontact rate -----(14+3A/4+3A)	0.04	0.04	0.03	0.03	0.03	0.04	0.01	0.04	0.02	0.04	0.07	0.04	0.04
Average minutes	23.1	21.1	20.5	21.2	20.5	20.1	20.0	20.5	19.7	19.6	20.5	21.0	20.7
Minutes (range)	13-74	11-70	7-45	11-56	10-49	9-45	10-52	12-43	12-64	11-45	11-39	12-60	7-74

3.7 Characteristics of the CM 2010 Sample

Tables 4, 5a and 5b provide basic demographic information regarding the sample.

Table 4. Demographic Characteristics of the CM 2010 Sample

	No. Interviews	Unweighted % (N=3030)	Weighted % (N=3030)	Design Effect
Gender				
Male	1303	43.0	48.5	1.5
Female	1727	57.0	51.5	1.5
Age				
18-29	311	10.5	19.2	2.3
30-39	372	12.3	17.9	1.7
40-49	600	19.8	20.8	1.4
50-64	976	32.2	23.7	1.2
65+	709	23.4	16.2	1.0
Missing	62	2.0	2.3	1.3
Marital Status				
Married	1660	54.8	58.1	1.6
Partner	224	7.4	7.9	1.4
Widowed	270	8.9	4.3	0.7
Divorced	255	8.4	4.9	1.0
Separated	116	3.8	2.8	1.2
Never Married	477	15.7	21.2	2.0
Missing	28	1.0	0.7	1.1
Regional Strata				
Toronto	509	16.8	22.1	--
Central East	508	16.8	24.9	--
Central West	503	16.6	19.1	--
West	506	16.7	13.2	--
East	503	16.6	13.6	--
North	501	16.5	7.0	--
Rural FSA				
Rural	631	20.8	16.2	1.1
Urban	2399	79.2	83.8	1.1
Highest Education				
Less than high school	363	12.0	8.7	1.2
Completed high school	692	22.8	23.1	1.6
Some college or university	1041	34.4	34.5	1.5
Graduated university	913	30.1	32.9	1.5
Missing	21	0.7	0.8	1.0

	No. Interviews	Unweighted % (N=3030)	Weighted % (N=3030)	Design Effect
Gross Family Income (,000s)				
<\$20	152	5.0	3.5	1.0
\$20-29.9	204	6.7	4.8	1.1
\$30-39.9	186	6.1	4.9	1.2
\$40-49.9	209	6.9	5.8	1.4
\$50-59.9	198	6.5	5.6	1.3
\$60-69.9	165	5.4	5.1	1.3
\$70-79.9	183	6.0	6.2	1.4
\$80-89.9	152	5.0	5.1	1.4
\$90-99.9	120	4.0	4.5	1.4
\$100+	722	23.8	29.1	1.4
Don't Know	338	11.2	13.6	1.6
Refused	401	13.2	11.7	1.5
Employment Status				
Full-time job	1339	44.2	48.9	1.5
Part-time job	248	8.2	8.9	1.7
Unemployed	126	4.2	5.0	1.9
Retired	829	27.4	18.2	1.0
Homemaker	98	3.2	3.5	1.5
Student	100	3.3	6.8	2.6
Self-employed	131	4.3	4.3	1.5
Other	142	4.7	4.0	1.3
Missing	17	0.6	0.5	1.0
Language spoken at home				
English	2650	87.5	84.7	1.8
French	106	3.5	2.4	1.0
Other	260	8.6	12.5	2.0
Missing	14	0.5	0.5	1.0

3.8 Sample Evaluation

Table 5a shows that the weighted distribution (including post-stratification adjustments) of the CM 2010 replicates the age by sex distribution of the 2006 Census. Note that these comparisons will match given the age by sex post-stratification weighting (see page 12). Additional demographic comparisons (for marital status, education and region) were available only for respondents aged 20 and older (Table 5b). For the three available comparisons, there were differences between the two samples for marital status and education. Compared to the 2006 Census, the CM sample under-represented those never married (18.5% vs. 25.4%), those widowed, divorced or separated (12.5% vs. 17.9%), and those with less than high school education (30.6% vs. 44.6%). The CM sample over-represented those married (68.9% vs. 56.6%) and those with a university degree (34.4% vs. 22.4%). This over-representation of high education is common to telephone surveys (Trewin & Lee, 1988).

Table 5a. Selected Demographic Characteristics: Weighted CM 2010 versus 2006 Census Data, Ontario Population, Aged 18 Years and Over.

		CM 2010 (N=3030)		2006 Ontario Census (N= 9,460,369)
GENDER				
Male	(46.3	48.5	50.7)	48.8
Female	(49.3	51.5	53.7)	51.2
AGE				
18- 24	(10.4	12.2	14.2)	12.2
25- 44	(36.0	38.2	40.5)	38.2
45- 64	(31.1	33.0	34.9)	33.0
65+	(15.3	16.6	18.0)	16.6

Table 5b. Selected Demographic Characteristics: Weighted CM 2010 versus 2006 Census Data, Ontario Population, Aged 20 Years and Over.

		CM 2010 (N=2918)		2006 Ontario Census (N=9,116,385)
MARITAL STATUS				
Never married	(16.6	18.5	20.6)	* 25.4
Married/ Common Law	(66.8	68.9	71.1)	* 56.6
Widowed/ Separated/ Divorced	(11.4	12.5	13.8)	* 17.9
REGION				
Toronto	(20.7	21.7	22.8)	21.2
Non-Toronto	(77.2	78.3	79.3)	78.8
HIGHEST EDUCATION				
High School or Less	(28.6	30.6	32.6)	* 44.6
Some Post-Secondary	(32.9	35.1	37.2)	33.0
University Degree	(32.3	34.4	36.6)	* 22.4

Notes: CM data refer to: lower limit of 95% confidence interval, percentage estimate, and upper limit of 95% confidence interval; * indicates census data is not within the bounds of the CM CI (CM data excludes missing data). Source: Statistics Canada. [On-line]. Available: <http://www12.statcan.ca/english/census/index.cfm>.

An **overview** of the 2010 CAMH Monitor sample is presented in Table 6.

Table 6. Overview of CAMH Monitor 2010 Sample

CAMH Monitor 2010 Sample
<ul style="list-style-type: none"> • 8,473 selected telephone numbers, of which 5,986 were estimated to be eligible • 3,030 respondents aged 18 and older participated • 51% unit response rate (3030/5986) • CATI questionnaires were conducted in English <i>throughout</i> the 2010 calendar year and averaged 21 minutes in length; 94% of interviews completed within 30 minutes • Sample represents 9,460,369 Ontarians aged 18 and older; each sample respondent represents 3,122 Ontario adults. • 49% men (n=1303); 51% women (n=1727) • Mean age of 46.2 years (range 18-99 years) • Sample equally allocated within six regions • Compared to the 2006 Census, the <i>CM2010</i> respondents were <u>similar</u> for gender and age; <u>underrepresented</u> never married, widowed, divorced and separated, and less than high school educated; and <u>overrepresented</u> married, and university graduates.
Note: all percentages are unweighted

4. Data Weighting and Analysis

4.1 Data Weighting

Because the sample is allocated equally within each of the six regions, weights are required to restore population representation. Users have the option of using one of two weight factors, an expansion weight (**XWGHT**), that represents the total population size (Ontarians aged 18 and over, N= 9,460,369), or a relative weight (**FWGHT**), that represents the number of interviewed respondents. Both weights are a function of the sampling weight and a post stratification adjustment, and both will provide identical (within rounding error) estimates, but will differ in weighted sample size.

Calculation of the 12-month aggregated sampling weight variable consisted of three elements: household (HH), region, and survey wave (month of sampling). Within each wave and region, relative household weight is directly proportional to the number of household residents age 18 and older. Within each cycle, 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 monthly wave makes an equal contribution to the weighted N. At each stage, average weight is equal to 1.

The 12-month aggregated sampling weight variable is a function of the following quantity:

$$\frac{N \text{ adults in HH}}{\text{Mean } N \text{ adults}} \times \frac{P \text{ of HH in region}}{\text{Sample } P \text{ of HH in region}} \times \frac{\text{Total } N}{12 \text{ (monthly } N)}$$

In addition, telephone and other probability surveys typically apply post-strata population adjustments based on census information. Although this procedure does not remove all biases, it does provide a simultaneous adjustment for non-response and non-coverage of households without telephones (Casady & Lepkowski, 1999). Using the 2006 Census (Ontarians aged 18 and over), the post stratification adjustment was based on eight cells representing the age (18-24; 25-44; 45-64; 65+) and gender (male; female) configuration. These adjustments are used in calculating the final weight (**FWGHT** or **XWGHT**).

Weight variables in the CM data file

XWGHT	Final annualized expansion weight
FWGHT	Final annualized relative weight
HHWGTW1-12	Household weight, wave1-12 (monthly)
RWGTW1-12	Region weight, wave1-12 (monthly)
RHHWTW1-12	Region & household weight, wave1-12 (monthly)
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 Analysis and Release

Sample designs employing complex sampling procedures, such as stratification, weighting and multistage selection, tend to underestimate the variance (or error) of estimates when simple random sampling (SRS) formulas are used. The implication of using SRS formulas on estimates from complex sampling designs is that we are likely to create a narrower confidence interval than truly exists. We will therefore be more likely to find a greater number of statistically significant differences than ought to exist. The design effect or DEFF is a measure that can be used to crudely adjust for this problem. It is essentially the ratio of the variance of an estimate derived from the particular sampling design over the variance of the same estimate of an SRS of the same size. A DEFF of 1.0 indicates that the variance of a given sample design is equivalent to the variance of a SRS. Most complex designs, however, tend to have DEFFs larger than one. The adjustment can also be seen as reducing the size of the sample; thus, if the sample size is 2000, a DEFF of 1.3 would reduce our sample to an equivalent SRS, or effective size, of 1538 (i.e., 2000/1.3). The use of an average DEFF is a practical, not a formal solution. Formally each estimate has a unique DEFF, but such computations are still cumbersome. See (Kish, 1965) or (Lee, Forthofer, & Lorimor, 1989) for an elaboration of DEFFs.

If the particular research question involves inference to the total population of Ontario

adults (e.g., epidemiological estimates of drinking or drug use), the investigator must employ weights. If the research question does not require a probability sample, the requirement of weighting can be relaxed (see (Groves, 1989): 279-294, for a discussion on this matter).

If a probability sample is a necessary component of the analysis, the following **MUST** be applied when using CM data.

1. Standard statistical software packages (e.g., Base SPSS, SAS) DO NOT calculate standard errors appropriately for complex survey designs. Programs such as Stata, SUDAAN, SPSS Complex Sampling, SAS Proc Survey Select or EpiInfo must be used to ensure accurate calculations.

*2. The weight variable -- **FWGHT** or **XWGHT** -- must be used in all analyses.*

The only exception to point 1 is that analyses within the different regions may be done using standard statistical programs (e.g., SPSS, SAS). This is because each stratum closely approximates a simple random sample of that region. Therefore, region-specific descriptive analyses may be performed with standard statistical programs. However, for these analyses, the weight variable **RHHWGTALL** should be used instead of **FWGHT** (note that **RHHWGTALL** does not include post-strata population adjustments). Again, provincial estimates must always be calculated using **FWGHT** or **XWGHT** and the appropriate statistical software (*Stata, SUDAAN, SPSS Complex Sampling, SAS Proc Survey Select, EpiInfo*). Other design variables necessary for population estimation are:

strata = **region**
psu = **idnum**

*3. If the **CAMH Monitor merged file (1996 – 2009)** is used, the design variables necessary for population estimates are as follows:*

strata = **stratam**
psu = **idseq**
pweight = **fwght OR xwght**

4. Small estimates (e.g., small percentages) based on a small number of respondents can produce, not only wide confidence intervals, but unstable estimates.

The relative standard error or the coefficient of variation (CV) should be employed to identify unstable estimates (see Table 7). Although individual researchers are responsible for material submitted to scientific journals, estimates intended for any public release by CAMH must meet the CV criteria.

4.3 Reliability and Suppression

There are two aspects to the statistical quality of survey data: 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 indicate the probable error of a given survey estimate; thus, a $\pm 1.9\%$, 95% CI (based on the total CM sample of 2000 with a percentage estimate of 50%) indicates that with repeated sampling, 95% of the samples would contain the true population estimate. Confidence intervals, however, do not reflect total errors or accuracy, but reflect errors due to the fact that 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 the like. Thus, the reader should always bear in mind that the "precision" of an estimate, as indicated by the confidence interval, is not synonymous with "total accuracy" of an estimate.

The ratio of the standard error to its estimate is a measure especially useful when comparing the precision of different estimates based on different sample sizes and different measures. The criteria for the suppression for CM data are based on the coefficient of variation (CV).

Guidelines for data suppression based on the CV are as follows:

CV range	Estimate stability
0-16.5	Estimate stable
16.6-33.3	Estimate has moderate sampling variability and should be interpreted with caution
33.3+	Estimate unstable and should be suppressed

Table 7. Coefficient of Variation Values by Percentage Estimate and CM 2010 Sample Size

CM 2010 CV TABLE			0.5	1	1.5	2	2.5	3	3.5	4	5	6	7	8	9	10
	%															
Total	N	3030	25.6	18.1	14.7	12.7	11.3	10.3	9.5	8.9	7.9	7.2	6.6	6.2	5.8	5.5
Men	1303		39.1	27.6	22.5	19.4	17.3	15.8	14.6	13.6	12.1	11	10.1	9.4	8.8	8.3
Women	1727		34	23.9	19.5	16.8	15	13.7	12.6	11.8	10.5	9.5	8.8	8.2	7.7	7.2
18-29	311		80.1	56.5	46	39.8	35.5	32.3	29.8	27.8	24.8	22.5	20.7	19.3	18.1	17
30-39	372		73.2	51.7	42.1	36.3	32.4	29.5	27.3	25.4	22.6	20.5	18.9	17.6	16.5	15.6
40-49	600		57.6	40.7	33.1	28.6	25.5	23.2	21.5	20	17.8	16.2	14.9	13.9	13	12.3
50-64	976		45.2	31.9	26	22.4	20	18.2	16.8	15.7	14	12.7	11.7	10.9	10.2	9.6
65+	709		53	37.4	30.5	26.3	23.5	21.4	19.7	18.4	16.4	14.9	13.7	12.7	12	11.3
TO	510		62.5	44.1	35.9	31	27.7	25.2	23.3	21.7	19.3	17.5	16.2	15	14.1	13.3
C South	255		88.5	62.4	50.8	43.9	39.2	35.7	32.9	30.7	27.4	24.8	22.9	21.3	20	18.8
C West	403		70.4	49.6	40.4	34.9	31.1	28.4	26.2	24.4	21.7	19.7	18.2	16.9	15.9	15
S West	506		62.8	44.3	36.1	31.1	27.8	25.3	23.4	21.8	19.4	17.6	16.2	15.1	14.1	13.3
C East	392		71.3	50.3	41	35.4	31.6	28.8	26.6	24.8	22	20	18.4	17.1	16.1	15.2
East	503		63	44.4	36.2	31.2	27.9	25.4	23.4	21.9	19.5	17.7	16.3	15.1	14.2	13.4
North	461		65.8	46.4	37.8	32.6	29.1	26.5	24.5	22.8	20.3	18.5	17	15.8	14.8	14
Married	1884		32.5	22.9	18.7	16.1	14.4	13.1	12.1	11.3	10	9.1	8.4	7.8	7.3	6.9
Prev. married	641		55.8	39.3	32	27.7	24.7	22.5	20.8	19.4	17.2	15.6	14.4	13.4	12.6	11.9
Never married	477		64.7	45.6	37.1	32.1	28.6	26.1	24.1	22.5	20	18.1	16.7	15.5	14.6	13.8
<High School	363		74.1	52.3	42.6	36.8	32.8	29.9	27.6	25.7	22.9	20.8	19.2	17.8	16.7	15.8
Completed HS	692		53.7	37.9	30.8	26.6	23.8	21.6	20	18.6	16.6	15.1	13.9	12.9	12.1	11.4
Some post-sec	1041		43.7	30.9	25.1	21.7	19.4	17.6	16.3	15.2	13.5	12.3	11.3	10.5	9.9	9.3
Univ. Degree	913		46.7	32.9	26.8	23.2	20.7	18.8	17.4	16.2	14.4	13.1	12.1	11.2	10.5	9.9
< \$30,000	356		74.9	52.8	43	37.2	33.1	30.2	27.9	26	23.1	21	19.3	18	16.9	15.9
\$30,000-\$49,000	395		71.1	50.1	40.8	35.3	31.5	28.6	26.5	24.7	22	19.9	18.4	17.1	16	15.1
\$50,000-\$79,000	546		60.4	42.6	34.7	30	26.8	24.4	22.5	21	18.7	17	15.6	14.5	13.6	12.9
\$80,000+	994		44.8	31.6	25.7	22.2	19.8	18	16.7	15.5	13.8	12.6	11.6	10.8	10.1	9.5
Not stated	739		51.9	36.6	29.8	25.8	23	20.9	19.3	18	16	14.6	13.4	12.5	11.7	11

Note: Green (dark shaded) entries represent unstable estimates; Yellow (light shaded) entries represent estimates with moderate sampling variability; Unshaded entries represent estimates with acceptable reliability; CV values ignore design effect.

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Appendix A

Summary of ARF and CAMH Adult Population Surveys

Table A1. ARF/ CAMH - Ontario Adult Population Surveys, 1977-2009

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
1977	Face-to-face	Gallup	<p>Modified-probability design: 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 is 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 Periodic: June 16-18	NA		(Smart & Goodstadt, 1977)
1982	Face-to-face	Gallup		N=1,040 Periodic: Feb. 22-28	NA		(Smart & Adlaf, 1982)
1984	Face-to-face	Gallup		N=1,050 Periodic: Feb. 27- March 3	NA		(Smart & Adlaf, 1984)
1987	Face-to-face	Gallup		N=1,084 Periodic: Jan. 8-23	NA		(Smart & Adlaf, 1987)
1989	Face-to-face	Gallup		N=1,101 Periodic: Feb. 11 - March 4	NA		(Adlaf & Smart, 1989)
1991	Telephone	ISR	<p>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 Periodic: Feb 20- March 18	RR=67% Deff=1.14	1 SE strata; 1047 SECU; 1046 design df	(Adlaf et al., 1991)
1992	Telephone	ISR		N=1,058 Periodic: 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 Periodic: 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 Periodic: March 1-May 5	RR=63% Deff=1.16	1 SE strata; 2022 SECU; 2021 design df	(Adlaf et al., 1994; Paglia, 1995)

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
1995	Telephone	ISR		N=994 Periodic: March 28- May 9	RR=62% Deff=1.16	1 SE strata; 994 SECU; 993 design df	(Anglin, 1995)
1996	Telephone	ISR	Ontario Drug Monitor (ODM)	N=2,721 Rolling: April 8- Jan 8	RR=64%	6 SE strata; 2721 SECU; 2715 design df	(Adlaf, Ivis, Bondy et al., 1997)
1997	Telephone	ISR	<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>	N=2,776 Rolling: Jan 14- Dec 21	RR=67%	6 SE strata; 2776 SECU; 2770 design df	(Adlaf, Ivis, & Ialomiteanu, 1998)
1998	Telephone	ISR		N=2,509 Rolling: 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		CAMH Monitor (CM)	N=2,436 Rolling: Jan 20- Dec 21	RR=69%	6 SE strata; 2436 SECU; 2430 design df
2000	Telephone	ISR	<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).</p> <p>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 much better sample than one based on listed numbers alone.</p>	N=2,406 Rolling: Jan 20- Dec 21	RR=61%	6 SE strata; 2406 SECU; 2400 design df	(Adlaf & Ialomiteanu, 2001b; Adlaf et al., 2001)
2001	Telephone	ISR	<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>	N= 2627 Rolling: Jan 25- Dec 20	RR=61%	6 SE strata; 2627 SECU; 2621 design df	(Adlaf & Ialomiteanu, 2002a, 2002b)
2002	Telephone	ISR	In 2000, the stage one selection was revised to a list-assisted RDD selection method.	N= 2421 Rolling: Jan 10- Dec 22	RR=58%	6 SE strata; 2421 SECU; 2415 design df	(Adlaf & Ialomiteanu, 2003)
2003	Telephone	ISR		N= 2411 Rolling: Jan 10- Dec 30	RR=58%	6 SE strata; 2411 SECU; 2405 design df	(Ialomiteanu & Adlaf, 2004)

Year	Mode of Interview	Survey Organization	Sample Design	Sample (N) Date	RR Deff	Standard Error Calculation Model	Source
2004	Telephone	ISR	In 2006, the target sample was reduced to 2000 completions.	N= 2611 Rolling: 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 Rolling: 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 Rolling: Jan 03- Dec 30	RR=61%	6 SE strata; 2016 SECU; 2010 design df	(Ialomiteanu & Adlaf, 2007)
2007	Telephone	ISR		N= 2005 Rolling: 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 Rolling: Jan 05- Dec 28	RR=55%	6 SE strata; 2024 SECU; 2018 design df	(Ialomiteanu & Adlaf, 2009)
2009	Telephone	ISR		N=2037 Rolling: Jan 2- Dec 30	RR=57%	6 SE strata; 2037 SECU 2031 design df	(Ialomiteanu & Adlaf, 2010; Ialomiteanu et al., 2011)

Notes: **ARF**, Addiction Research Foundation; **ISR**= Institute for Social Research, York University, **RR** = unweighted unit response rate; **Deff** = average design effect; **SE** = standard error; **SECU**=Standard Error Calculation Unit (respondents).

Appendix B

**The 2010 “Advance Letter”
(mailed-out to respondents one month before the survey)**

33 Russell Street
Toronto, Ontario
Canada M5S 2S1
Tel.: 416.535.8501

33, rue Russell
Toronto (Ontario)
Canada M5S 2S1
Tel.: 416.535.8501

www.camh.net



«Month», 2010

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 research project.

For more than 30 years, the Centre for Addiction and Mental Health (CAMH) has been conducting research on alcohol, tobacco and other drug use and how trends in use and public opinion have changed over time. Should you wish to learn more about the Centre for Addiction and Mental Health (CAMH), please visit the web site: <http://www.camh.net>. If you wish to know more about the survey, please call the Institute for Social Research (toll free) at 1-888-847-0148 or at 416-736-5393, or Anca Ialomiteanu at CAMH at 416-535-8501 ext.6997. If you wish to view survey results, please visit the web site: http://www.camh.net/Research/camh_monitor.html

A PAHO/WHO
Collaborating Centre
*Un Centre collaborateur
OPS/OMS*

*Affiliated with the
University of Toronto
Affilié à l'Université
de Toronto*

The information collected in the CAMH Monitor is used to build knowledge about addiction and mental health issues, evaluate health programs, and help create health and social policies in Ontario.

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 "R. Mann", with a long horizontal flourish extending to the right.

Robert Mann, PhD

Senior Scientist, Public Health and Regulatory Policies,
Centre for Addiction and Mental Health,
Director, Collaborative Program in Addiction Studies &
Associate Professor of Public Health Sciences,
University of Toronto, Canada
Theme Coordinator, Societal Issues, AUTO21 Network
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33 Russell Street, Room T416
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Appendix C

2010 CAMH Monitor Questionnaire

The 2010 CAMH Monitor: Question Allocation Table

Item name	Variable Description	Core	Panel A	Panel B
		Items	Items	Items
		A+B		
		Jan - Dec	Jan - Dec	Jan - Dec
1	Tobacco			
A	Consumption (All panels)			
	Smoking Status (tc1- tc7)			
tc1	At the present time, do you smoke...?	1		
tc2	Have you smoked 100 cigs?	1		
tc3	Have you ever smoked daily?	1		
tc4	Age of onset	1		
tc5	How long ago you smoked?	1		
tc6	How many cigs smoked daily	1		
tc7	How soon after wake up do you smoke?	1		
	Occasional Smoking (tos1-tos2)			
tos1	How many cigarettes?	1		
tos2	On how many days (last 30d) did you smoke?	1		
	Smoking Cessation (tc8-tc10; tq2)			
tc8	Past 12 month serious attempt? (tc8)	1		
tc9	Intent in 6 months? (tc9)	1		
tc10	Intent in 30 days? (tc10)	1		
tq1-tq2	Quitting contest	2		
	Cigars			
tc11	On how many days (past 30d) did you smoke cigars...?	1		
tc15	How many cigars did you smoke (typical day)?	1		
B	Tobacco Policy (Panel A only)			
tp26b	Where do you work?		1	
tp31a	Last week, how many days exposed to tobacco smoke INDOORS while you were at work?		1	
tp31b	Last week, how many days exposed to tobacco smoke OUTDOORS while you were at work?		1	
tp30	How many people smoke cigarettes, cigars, cigarillos or pipes INSIDE your home every day		1	
tp53	Smoking should not be allowed indoors in multi-unit dwellings		1	
tp64a	Smoking should not be allowed OUTDOORS on restaurant or bar patios		1	
tp80	Smoking should not be allowed at entrances to buildings		1	
tp81	Smoking should not be allowed around OUTDOOR recreation facilities		1	
tp82	Smoking should not be allowed around OUTDOOR playgrounds		1	
tp83	Smoking should not be allowed at OUTDOOR special events		1	
tp84	Smoking should not be allowed at transit stops		1	

tp67	Smoking should be banned on public sidewalks.		1	
tp68	Smoking should be banned in public parks and on public beaches			
tp15	There should be a law that says parents cannot smoke inside their home if children are living there?		1	
tp16	There should be a law that says parents cannot smoke inside car...		1	
tp5	Cigarettes should be sold in plain white packages...		1	
tp85	It is acceptable for smokers to buy cheap cigarettes		1	
tp39a	The number of outlets that sell cigarettes should be greatly reduced		1	
tp35	Tobacco products should be sold in ...		1	
tp65	Some people feel that the sale of cigarettes should be banned		1	
tp1	Do you think that taxes on cigarettes should be increased		1	
tp46	When it comes to health problems smokers have because of their smoking, tobacco companies are totally responsible		1	
tp42	The Ontario government should sue tobacco companies for health care costs		1	
tp86	The Ontario government should do everything possible to stop contraband		1	
tp87	Showing people smoking in movies makes young people more likely to smoke		1	
tp74	In the PAST 30 DAYS, did you see ANY ADVERTISING of tobacco products		1	
	Puchasing Profile- SMOKERS only- (Panel A only)			
tp75a	The last time you bought cigarettes for your own use, what BRAND did you buy?		1	
tp76a	Did you buy these cigarettes in packs, cartons, bags or other		1	
tp76b	About how many (packs/ cartons/ bags) did you buy?		1	
tp77	And about how many cigarettes were in each		1	
tp78	About how much in Canadian dollars, did you pay in total		1	
tp79	And did you buy them:		1	
	Social Acceptability of Smoking (Panel A only)			
tp88-tp96	How YOUR FRIENDS AND FAMILY view cigarette smoking		9	
2	Alcohol			
	Use (10 items) (all panels)			
ac1	During the past 12 months have you had a drink?		1	
ac2	Did you EVER have a drink of any alcoholic beverage?		1	
ac5	How often, if ever, did you drink alcoholic beverages during the past 12 months?		1	
ac5a	How often, if ever, did you drink alcoholic beverages during the past 30 days?		1	
ac6a	On those days when you drank, how many drinks did you usually have? (pasat 12 m)		1	
five	About how often in the past 12 m you had 5 or more drinks at the same sitting		1	
five30	About how often in the past 30 days you had 5 or more drinks at the same sitting		1	
four	About how often in the past 12 m you had 4 or more drinks at the same sitting (women only)		1	
ac3	Was there ever a time when you drank 5 or more drinks on one occasion at LEAST ONCE A WEEK		1	

ac6b	What is the largest number of drinks you can recall having on one occasion during the past 12m?	1		
	AUDIT (7 items: aud4-aud0) (all panels)			
aud4	How often during the past 12 months have you found you were not able to stop drinking once started	1		
aud5	How often in the past 12 m have you failed to do what was expected from you because of drinking	1		
aud6	How often past 12 m have you needed a first drink in the morning...	1		
aud7	How often past 12 m have you had a feeling of guilt or remorse after drinking	1		
aud8	How often past 12 m have you been unable to remember what happened the night before	1		
aud9	Have you or someone else EVER been injured as a result of your drinking?	1		
aud10	Has a relative, friend, doctor EVER been concerned about your drinking or suggested you cut down?	1		
	Alcohol Policy (Panel A only)			
pa28 - pa15	Trend policy items		10	
app1- app8	Alcohol Purchasing / Pricing		8	
3	Driving/ Drinking & driving			
drive	During the past 12 months, have you driven a car, van,... or any other type of motor vehicle?	1		
dr1,a,b,c,d	How much you drive in a typical WEEK - Km/ miles....	4		
	Collision/ Street Racing (all panels)			
dr5	How often, if at all, were you involved in an accident or collision	1		
dstr1	How many times, have you driven a car, truck or SUV in a STREET RACE	1		
	Drinking & driving (past 12m) (all panels)			
dd1	During the past 12 m, have you driven a motor vehicle after having 2 or more drinks in the previous hour	1		
dd2	How many times in THE PAST 30 DAYS?	1		
	Passenger with impaired driver (Panel B only)			
adr	In the past 12 m, have you been a passenger in a car driven by smn who had 2 or more drinks previous hr...			1
cdr	In the past 12 m, have you been a passenger in a car driven by smn who smoked cannabis previous 2 hrs			1
acdr	In the past 12 m, have you been a passenger in a car driven by smn who had BOTH alcohol and cannabis previous 2 hrs			1
4	Risk Perceptions (Panel B only)			

crisk1	Risk when they smoke marijuana once a month?			1
crisk2	Risk when they smoke marijuana once or twice a week?			1
5	Cannabis			
	Use (All panels)			
cn1	Cannabis lifetime use	1		
cn2	Cannabis last 12 months	1		
	Cannabis Use & Driving			
cdr1	Driving after cannabis use (past 12 months)	1		
cdr2	Number of times (past 30 d)	1		
	Dependence/Problems (Panel B only)			
can3m	Use past3 m			1
cn30	Use past 30 d			1
	ASSIST (Panel B only)			
cnas1	Strong desire to use			1
cnas2	Use led to health, social, legal probl			1
cnas3	Failed to do what was normally expected			1
cnas4	Smn expressed concern			1
cnas5	Tried and failed to cut down or stop using			1
6	Cocaine (All panels)			
ck1	Cocaine lifetime use	1		
ck2	Cocaine last 12 months	1		
7	General Health (Panel B only)			
gh1	General health good, ...?			1
hs1a	Mental health good,...?			1
doc1	Have you seen doctor?			1
	Health Related Quality of Life (Panel B only)			
gh2r	Nr. days, past 30 days,physical health not good			1
gh3r	Nr. days, past 30 days, mental health not good			1
gh4	Nr. days, past 30 days, mental health kept from doing...			1
8	GHQ-12 (Panel B only)			12
gq1	Able to concentrate			
gq2	Played useful part in things			
gq3	Felt capable of making decisions			
gq4	Able to enjoy day-to-day activities			
gq5	Able to face up to problems			
gq6	Felt reasonable happy			
gq7	Lost sleep because of worry			
gq8	Felt constantly under strain			
gq9	Felt you could not overcome your difficulties			
gq10	Felt unhappy and depressed			
gq11	Lost confidence in yourself			
gq12	Thought of yourself as worthless person			

9	Pain relievers (Panel B only)			
po1-pr7	Have you used WITH/ WITHOUT prescription/ to get high?			3
po3	Has a doctor told you...?			1
oxy2	Oxycontin			1
dpo1-2	Driving and PR			2
10	Treatment (Panel B only)			
treat1-treat6	Have you ever received professional help ...?			8
fstres1-2	Financial Stress (Panel B only)			2
11	Psychotherapeutics (Panel B only)			
ps1-ps16	Past 12 mth anxiety/depression			2
ps3-ps17	Past 7 days anxiety/depression			2
12	Demographics	24		
age1/birth	Age			
rgend	Gender			
d2	Highest level of education			
sd3-4	Religion			
sd5	Married/widowed/divorced ...			
sd5a	Household, number of people			
sd6-sd6b	Present/past work			
sd7	Main occupation			
sd7b	Valid driver's licence			
sd8	Language spoken at home			
sd9a-sd9c	Ethnic/cultural group			
sd10	Household income			
sd8a	Immigrant - what country			
sd8b	Immigrant -when did come to Canada			
pcode				
ISR1-ISR3	Separate telephone numbers/ household			
county	County			
re1-re4	Respondent Evaluations			
	Total (Unique items)	75	60	48
	TOTAL Items	180	135	130

=====

TITLE: Ontario CAMH MONITOR 2010

PANELS A + B - January - December 2010

=====

[# The sample should be randomly split in 3; Each household = random 1, 2, or 3]
[#If Random = 1 go to Panel A, If Random = 2 OR Random =3 go to Panel B]

>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]

>Panel< [goto tc1]

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

1 Panel A
2 Panel B
3 Panel B
@

[@] <1-3> [#store Panel in RANDOM1]

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

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

[r] First, I'd like to begin with 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 SMOKE_FLAG]

>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


```

1 yes
5 no

d Don't Know    r Refused
@

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

[# == CIGARS =====]

>tc11< [define <d><98>][define <r><99>] [#ask all] [#started in
98]

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

0 none

1-30 enter number

d don't know    r refused
@

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

>tc15< [#started in 98]

[r] On those days that you smoked cigars or cigarillos, how many
did you      [n]
[r] typically smoke?                               [n]

0-30 enter number

d don't know    r refused
@

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

>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]

[#=== SMOKING CESSATION =====]
[# Panel B only]

>int_tq< [if RANDOM1 eq <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 2008, brought back in 2009]

[r] What about a "1-800 Quitline"?                [n]

[bold][yellow]
INTERVIEWER: 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<

[# ===== TOBACCO POLICY- Panel A only =====]

>st_pa< [if RANDOM1 gt <1> goto end_tobacco]

[# === WORKPLACE SMOKING =====] [#ASK ALL]

>tp26b< [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 other [n]
[r] than your home, mainly outdoors, or mainly in a vehicle
[n]

1 mainly at home
2 mainly indoors other than your 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 tp30]

[# === 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
@

[@] <1-7>
<0,97,d,r> [goto tp30]

>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
@

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

>tp30< [#ASK ALL] [define <d><98>][define <r><99>]

[r] Including yourself, how many people smoke cigarettes, cigars,
cigarillos or [n]
[r] pipes INSIDE your home every day or almost every day?
[n]

[bold][yellow]

INTERVIEWER: if necessary, this does not include garages,
balconies, porches etc.
[n][white]

0 no one smokes any tobacco inside the home

1-20 (Enter number of people)

d Don't Know r Refused
@

[@] <1-20,0,d,r>

>tp53< [#ASK ALL] [#new in 2005]

[r] The next few questions are about banning smoking in public
places. Please [n]
[r] tell me if you strongly agree, somewhat agree, 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] with shared ventilation, such as apartment buildings, rooming
houses and [n]
[r] 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>

>tp64a< [#ASK ALL] [#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>

>tp83< [#ASK ALL] [# new 2010]

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

[r] What about at OUTDOOR special events, such as concerts, festivals or parades.[n]

[bold][cyan]

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

[n][white]

[bold][yellow]

Interviewer: if asked, this means all outdoor areas used during such an event

e.g. streets, sidewalks, etc.

[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>

>tp67< [#ASK ALL] [#new in 2007]

[r] What about...on public sidewalks.
[n]

[bold][cyan]

Smoking should be banned on public sidewalks.

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] [#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>

>tp80< [#ASK ALL] [# 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>

>tp81< [#ASK ALL] [# 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] [# 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>

>tp84< [#ASK ALL] [# new 2010]

[r] And what about ...near bus stops and transit shelters.
[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]

[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>

>tp16< [#ASK ALL]

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

[bold][cyan]

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

[n][white]

[bold][yellow]

Interviewer if asked: Yes, there is currently such a law already implemented in Ontario.

[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]

[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>

>tp65< [#ASK ALL][#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>

>tp39a< [#ASK ALL]

[r] The number of retail outlets that sell cigarettes should be greatly reduced.[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>

>tp5< [#ASK ALL]

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

>tp1< [# ASK ALL] [#brought back in 2009]

[r] Do you think that taxes on cigarettes should be increased, decreased, or [n]
 [r] remain the same? [n]

1 increased
 3 decreased
 5 remain the same

d Don't Know r Refused
 @

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

>tp46<

[r] When it comes to health problems smokers have because of their smoking, [n]
 [r] Would you say that tobacco companies are totally responsible, mostly [n]
 [r] responsible, somewhat responsible, or not at all responsible for smokers' [n]
 [r] health problems? [n]

1 totally responsible
 3 mostly responsible
 5 somewhat responsible
 7 not at all responsible

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>

>tp86< [#ASK ALL] [# new 2010]

[r] The next 2 questions are about cigarettes that are sold without taxes. [n]
 [r] Untaxed cigarettes can be bought on native reserves, on the street, or [n]
 [r] from other sources, and are sometimes known as "contraband" cigarettes. [n]
 [r] Please tell me if you strongly agree, somewhat agree, somewhat disagree or [n]
 [r] strongly disagree with the following statement.
 [n]

[r] The Ontario government should make a serious effort to stop the sale of [n] [r] untaxed cigarettes. [n]

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

[bold][yellow] Interviewer if asked: do not include "Duty free" cigarettes. [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>

>tp85< [#ASK ALL] [# new 2010]

[r] It is acceptable for smokers to buy cigarettes that are sold without taxes. [n]

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

[bold][yellow] Interviewer if asked: do not include "Duty free" cigarettes. [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>

[#===== TOBACCO ADVERTISING (new 2008) =====]

>tp74< [#new in 2008] [# ASK ALL]

[r] The next question is about tobacco advertising . [n]

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

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

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

>tp75a< [#new in 2008][#CURRENT SMOKERS only] [define <d><98>][define <r><99>][define <s><0>] [r] The last time you bought cigarettes for your own use, what BRAND did you buy?[n]

[bold][yellow] Interviewer: DO NOT READ list, code one brand only. [n][white]

- | | | |
|--|------------------|----------------------------------|
| 1 All Natural Native | 12 DisCOUNT | 23 Medallion |
| 2 Avanti du Maurier | 13 DK'S | 24 Native |
| 3 Belmont | 14 du Maurier | 25 No name brand (from reserves) |
| 4 Belvedere | 15 Export "A" | 26 Number 7 |
| 5 Benson & Hedges | 16 Gold(en) Leaf | 27 Peter Jackson |
| 6 Camel | 17 JPS | 28 Player's |
| 7 Canadian Classics | 18 Kool | 29 Putter's |
| 8 Canadian Original | 19 Macdonald | 30 Rollies (from reserves) |
| 9 Canadian Light | 20 Mark Ten | 31 Rothmans |
| 10 Chief's | 21 Matinee | 32 Sago |
| 11 Craven "A" | 22 Maximum | 33 Smoking |
| | 34 Smugglers | |
| 90 roll-your-own/loose leaf, any brand | | |

s Other Specify, d Don't know r Refused
@

[@] <1-34,90,d,r>

```

<s>[specify]

>tp76a< [define <d><8>][define <r><9>][define <s><0>]

[r] Did you buy these cigarettes in packs, cartons, bags or some
other way? [n]

    1 Packs
    3 Cartons
    5 Bags

    s Other Specify
    d Don't Know    r Refused
    @

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

```

```

>tp76b< [define <d><98>][define <r><99>]

[if tp76a eq <1>]
[r] About how many packs did you buy?
[n]
[else][if tp76a eq <3>]
[r] About how many cartons did you buy?
[n]
[else]
[r] About how many bags did you buy?
[n]
[endif all]

    1-96 enter #

    d Don't Know    r Refused
    @

[@] <1-96,d,r>

```

```

>tp77< [define <d><998>][define <r><999>]

[if tp76a eq <1>]
[r] And about how many cigarettes were in each Pack?
[n]
[else][if tp76a eq <3>]
[r] And about how many cigarettes were in each Carton?
[n]
[else]
[r] And about how many cigarettes were in each Bag?
[n]
[endif all]

    1-996 enter #

    d Don't Know    r Refused
    @

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

```

```

>number< [allow 4]
    [if tp76b ge <1> and tp76b le <96>]
    [store tp76b in number]
    [endif]

>pack< [allow 10]

```

```

[if tp76a eq <1>]
    [store <packs> in pack]
[endif]
[if tp76a eq <3>]
    [store <cartons> in pack]
[endif]
[if tp76a eq <5>]
    [store <bags> in pack]
[endif]

>text< [allow 40]
    [store <these cigarettes> in text]
    [if tp76b ge <1> and tp76b le <96>]
    [if tp76a eq <1> or tp76a eq <3> or tp76a eq <5>]
    [make text from number <> pack]
    [endif]
[endif]

```

```

>tp78<

[r] When you bought the [fill text], [n]
[r] about how much in Canadian dollars, did you pay in total?
[n]

    1-996 enter $

    d Don't Know    r Refused
    @

[@] <1-996.00,d,r>

```

```

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

[bold][cyan]
Still thinking about the last time you bought cigarettes for your
own use,
where did you buy them?
[n][white]
[bold][yellow] Interviewer: please read the list. Code only one
option.[n][white]

```

```

[r] And 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]

```

```

    1-6 enter answer

    s Other Specify
    d Don't Know    r Refused
    @

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

```

```

[#####SOCIAL ACCEPTABILITY OF SMOKING
=====]
[# ASK ALL Panel A only, NEW 2010]

```

>int_tp<

[r] In the next few questions, I am going to ask you about how YOUR FRIENDS AND [n] [r] FAMILY view cigarette smoking. [n]

Press "Enter" to continue @

[@][nodata]

>tp88< [#new 2010] [define <d><8>] [define <r><9>]

[r] The first question is: what do MOST OF YOUR FRIENDS think about cigarette [n] [r] smoking among adults? Do they think it is completely acceptable, somewhat [n] [r] acceptable, somewhat unacceptable, or completely unacceptable? [n]

[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, 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, varies too much between friends
d Don't Know r Refused
@

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

>tp89< [#new 2010]

[r] What do MOST OF YOUR FAMILY MEMBERS think about cigarette smoking among adults?[n] [r] Do they think it is completely acceptable, somewhat acceptable, somewhat [n] [r] unacceptable, or completely unacceptable? [n]

[bold][yellow]

Interviewer, if asked: by family members we mean spouse, children, parents and siblings. 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, varies too much between family members
d Don't Know r Refused
@

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

>tp90< [#new 2010] [#NONSMOKERS ONLY][if SMOKE_FLAG eq <1> goto tp91]

[r] If YOU started smoking cigarettes, what would MOST OF YOUR FAMILY MEMBERS [n] [r] think? [n]

[bold][cyan]

Would they think it is completely acceptable, somewhat acceptable, somewhat unacceptable, or completely unacceptable? [n][white]

[bold][yellow]

Interviewer, if asked: by family members we mean spouse, children, parents and siblings. [n][white]

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

0 R insists that they are not sure, it depends, varies too much between family members
d Don't Know r Refused
@

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

>tp91< [#new 2010] [#SMOKERS ONLY][if SMOKE_FLAG eq <0> goto tp92]

[r] What do MOST OF YOUR FAMILY MEMBERS think about YOUR cigarette smoking? [n]

[bold][cyan]

Do they think it is completely acceptable, somewhat acceptable, somewhat unacceptable, or completely unacceptable? [n][white]

[bold][yellow]

Interviewer, if asked: by family members we mean spouse, children, parents and siblings. [n][white]

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

0 R insists that they are not sure, it depends, varies too much

between family members
d Don't Know r Refused
@

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

>tp92< [#new 2010]

[r] The next questions are about how YOU feel about cigarette smoking. [n]
[r] What do YOU think about cigarette smoking among ADULTS? [n]

[bold][cyan]

Do YOU think it is completely acceptable, somewhat acceptable, somewhat unacceptable, or completely unacceptable?
[n][white]

[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, 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>

>tp94< [#new 2010]

[r] And what about friends who smoke? For YOU, would having friends who smoke be [n]
[r] completely acceptable, somewhat acceptable, somewhat unacceptable, or [n]
[r] completely unacceptable? [n]

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

0 R insists that they are not sure, it depends, varies too much between friends
d Don't Know r Refused
@

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

>tp95< [#new 2010]

[r] The next two questions are about smoking at INDOOR and OUTDOOR parties or [n]
[r] other social gatherings in which YOU participate. [n]

[r] What do YOU think about people smoking cigarettes at INDOOR celebrations, [n]
[r] parties, or other social gatherings in which YOU participate? [n]

[bold][cyan]

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

>tp96< [#new 2010]

[r] And what do YOU think about people smoking cigarettes at OUTDOOR celebrations, [n]
[r] parties, or other social gatherings in which YOU participate? [n]

[bold][cyan]

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

>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(12 ounce)[n]
[r] bottle of beer or glass of draft, one 142 ml (5 ounces) glass of wine, or one [n]
[r] straight or mixed drink with one and a half ounces (43 ml) of hard liquor. [n]

Press Enter to continue @

[@] [nodata]

>ac1<

[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

@

[@] <1> [goto ac3]
<5> [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: "drink" means one 341 ml (12 ounce) bottle
of beer or glass of
draft, one 142 ml (5 ounces) glass of wine, or one straight or
mixed drink
with one and a half ounces (43 ml) 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, 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>

<9,d,r> [goto four][#changed Jan 08]

>five30< [# ask if five eq 1 - 8]

[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>

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

[if gend eq <1> goto ac3]
[define <d><98>][define <r><99>]

[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>

<9,d,r>

>ac3< [if five ge <1> and five le <4>][goto ac6b][endif]
[#asking former drinkers AND (current drinkers who do not drink
five once a week)]

[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>

>ac6b< [if ac2 eq <1> goto chek][#former drinkers skip out]
[#asking current drinkers][define <d><98>][define <r><99>]

[r] What is the largest number of drinks you can recall having on
one occasion [n]

[r] during the PAST TWELVE MONTHS?

[n]

[bold][yellow]

INTERVIEWER: "drink" means one twelve ounce bottle of
beer or glass of draft,

one five ounce glass of wine, or one straight or mixed drink with one ounce and a half of hard liquor.

Include light beer, but do NOT include fully dealcoholized beer. [n][white]

1-97 Enter number of drinks

d Don't Know r Refused @

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

[# === AUDIT =====]

>int_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<

[bold][cyan] How often 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]

[#=====ALCOHOL POLICY =====]
[#=====PANEL A ONLY =====]

[#==TREND Items- Panel A =====]

>int_alcpol< [if RANDOM1 gt <1> goto end_pa]

[r] In the next few questions we would like to know your views on other alcohol [n]

[r] related issues. [n]

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

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

Press "Enter" to continue @

[@][nodata]

>pa51<

[r] The Ontario government should close all LCBO stores, and allow privately-run [n]

[r] stores to sell alcohol. Do you strongly agree, somewhat agree, somewhat [n]

[r] 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>

>pa1< [define <d><8>][define <r><9>]

[r] Do you think taxes on alcoholic beverages should be increased, decreased, [n]

[r] or remain the same? [n]

- 1 increased
- 3 decreased
- 5 remain the same

d don't know r refused
@

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

>pa2<
[r] Do you think beer and liquor store hours should be increased, decreased, [n]
[r] or remain the same? [n]
1 increased
3 decreased
5 remain the same
d don't know r refused
@
[@] <1,3,5,d,r>

>pa6<
[r] Do you think alcoholic beverages should be available in corner stores? [n]
1 Yes
5 No
d don't know r refused
@
[@] <1,5,d,r>

>pa40<
[r] Do you think there should be more or fewer LCBO (liquor) stores in Ontario, [n]
[r] or is there the right number now? [n]
1 more
3 fewer
5 right number
d don't know r refused
@
[@] <1,3,5,d,r>

>pa41<
[r] Should there be more or fewer Brewers' Retail stores, selling only beer [n]
[r] in Ontario, or is there the right number now?
[n]
[bold][yellow]
Interviewer: If not clear, Brewers' Retail are beer stores.
[n][white]
1 more
3 fewer
5 right number
d don't know r refused
@
[@] <1,3,5,d,r>

>pa15< [define <d><998>][define <r><999>] [open pa15]

[r] About how many minutes would it take you to get from your home to the nearest [n]
[r] liquor or beer store ? [n]

[bold][yellow]
INTERVIEWER: we want the NEAREST store, even if it is not the store they usually use. If R. says they don't go, ask "if you did go, how long would it take, use the fastest method of transportation."

INTERVIEWER: Enter answer in minutes converting from hours if necessary.
[n][white]

Enter minutes here @min

Enter hours here @hr

[@min] [optional]<0,1-996,d>
<>
[@hr] [optional] <0,1-15>

>end_pa<

[# ===== Alcohol PURCHASING PROFILE (new 2010) =====]
[# ===== PANEL A ONLY =====]

>ck_app1<[if RANDOM1 gt <1> goto end_alcohol]
[if ac1 eq <1>]
[goto alcb][# ASK CURRENT DRINKERS only]
[else]
[goto end_alcohol]
[endif]

>alcb< [# ask all current drinkers][#new 2010]
[open alcb][define <d><998>][define <r><999>]

[r] Thinking about all the alcoholic beverages you drank in the past 12 months, [n]
[r] approximately what percentage was beer?
[n]
[r] And what percentage was wine?
[n]
[r] And what percentage was liquor or spirits?
[n]

Enter percentage for beer here: @br
Enter percentage for wine here: @wn
Enter percentage for liquor here: @lq

[@br] [optional]<0,1-100>
<d,r>[goto int_alcprof]
[@wn] [optional]<0,1-100>
<d,r>[goto int_alcprof]
[@lq] [optional]<0,1-100,d,r>

>int_alcprof<

[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]

>app1<

[r] In the past 12 months, did you buy any alcoholic beverage from the LCBO, [n]

[r] Beer Store, Wine store or other store that sells alcohol?
[n]

1 yes
5 no

d don't know r refused
@

[@]<1>
<5,d,r> [goto app5]

>app2< [# if app1=1][open app2][default answer <0> all]

[r] Now I would like to ask you some questions about the LAST TIME you bought [n]

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

[r] Thinking of this last time you bought alcohol, what kind of beverage did you[n]
[r] buy? [n]

[bold][yellow]
Interviewer: enter 1 to all mentioned.
[n][white]

@1 Beer
@2 Wine
@3 Liquor (or Spirits)
@4 Coolers
@5 Sherry, port, or vermouth

d Don't Know r Refused

[@1] <1,0>
<d,r>[goto app5]

[@2] <1,0>

[@3] <1,0>

[@4] <1,0>

[@5] <1,0>

>alc_type< [allow int 1]

[store <0> in alc_type]
[if app2@1 eq <1>][add <1> to alc_type][endif]
[if app2@2 eq <1>][add <1> to alc_type][endif]
[if app2@3 eq <1>][add <1> to alc_type][endif]
[if app2@4 eq <1>][add <1> to alc_type][endif]
[if app2@5 eq <1>][add <1> to alc_type][endif]

>beer< [allow 5][if app2@1 eq <1>][store <beer,> in beer][endif]
>wine< [allow 5][if app2@2 eq <1>][store <wine,> in wine][endif]
>liquor< [allow 18][if app2@3 eq <1>][store <Liquor or Spirits,> in liquor][endif]
>coolers< [allow 8][if app2@4 eq <1>][store <coolers,> in coolers][endif]
>sherry< [allow 25][if app2@5 eq <1>][store <sherry, port, or vermouth> in sherry][endif]

>app4< [#ask if R bought only ONE kind of alcohol]
[if alc_type gt <1>][goto app4b][endif][define
<d><998>][define <r><999>]

[r] And about how much did you spend in total on this type of beverage? [n]

[bold][yellow]
Interviewer if necessary: the last time you bought alcohol at a store in Ontario (in Canadian dollars.)
[n][white]

1-996 enter \$

d Don't Know r Refused
@

[@]<1.0-996.0,d,r>[goto app3]

>app4b< [#only ask if R bought MORE than one kind of alcohol]
[define <d><8>][define <r><9>]

[r] Of the [fill beer] [fill wine] [fill liquor] [fill coolers] [fill sherry][n]
[r] you bought on this occasion, which did you spend the MOST money on? [n]

[bold][yellow]
Interviewer if necessary: The beverage you spent the most money on, the last time you bought alcohol at a store in Ontario (in Canadian dollars.)
[n][white]

1 Beer
2 Wine
3 Liquor (or Spirits)
4 Coolers
5 Sherry, port, or vermouth

d don't know r refused
@

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

>app4c< [define <d><998>][define <r><999>]

[r] And about how much did you spend in total on this type of beverage? [n]

[bold][yellow]
Interviewer if necessary: the last time you bought alcohol at a store

```

in Ontario (in Canadian dollars.)
[n][white]

1-996 enter $

d Don't Know r Refused
@

[@]<1.0-996.0,d,r>

>app3< [open app3][default answer <0> all] [define
<d><98>][define <r><99>]

[if alc_type eq <1>]
[r] About how many bottles of this beverage did you buy on this
occasion? [n]

@1
[else]
[r] About how many bottles of this beverage did you buy on this
occasion? [n]

[bold][yellow]
Interviewer if necessary: The beverage you spent the most
money on, the last
time you bought alcohol at a store.
[n][white]

[if app4b eq <1>] [#If BEER]
[r] how many 341 ml (12 ounce) bottles of beer or the equivalent
did you buy? [n]

Enter bottles of beer here: @br
[else][if app4b eq <2>] [#If WINE]
[r] how many of 750 ml (or equivalent) bottles did you buy?
[n]

Enter bottles of WINE here: @wn
[else][if app4b eq <3>] [#If LIQUOR]
[r] how many 750ml (or the equivalent) bottles did you buy?
[n]

Enter bottles of LIQUOR here: @lq
[else][if app4b eq <4>] [#If COOLER]
[r] how many 300 ml (10 ounce) bottles of cooler or equivalent
did you buy? [n]

Enter bottles of cooler here: @cl
[else][if app4b eq <5>] [#If VERMOUTH, SHERRY OR PORT]

[r] how many 750 ml (or equivalent bottles) of did you buy?
[n]

Enter bottles of Sherry here: @sh
[endif all]

[@1] <0,1-97>
<d,r>[goto app5]
[@br] <0,1-97>
<d,r>[goto app5]
[@wn] <0,1-97>
<d,r>[goto app5]
[@lq] <0,1-97>
<d,r>[goto app5]
[@cl] <0,1-97>
<d,r>[goto app5]
[@sh] <0,1-97,d,r>

```

```

>app5< [define <d><8>][define <r><9>]

[r] In the past 12 months did you buy any alcoholic beverage for
your own use [n]
[r] in a restaurant, bar, club, tavern, or pub in ONTARIO?
[n]

1 yes
5 no

d don't know r refused
@

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

>app6< [#if app5=1][open app6][default answer <0> all]

[r] Thinking of the LAST TIME you bought alcohol in a
restaurant, bar, club or [n]
[r] pub, what kind of beverage did you buy?
[n]

[bold][yellow]
Interviewer: enter 1 to all mentioned.
[n][white]

@1 Beer
@2 Wine
@3 Liquor/ Spirits
@4 Mixed drink/ Cocktail
@5 Coolers

d Don't Know r Refused

[@1] <1,0>
<d,r>[goto end_alcohol]
[@2] <1,0>
[@3] <1,0>
[@4] <1,0>
[@5] <1,0>

>alc_tp< [allow int 1]
[store <0> in alc_tp]
[if app6@1 eq <1>][add <1> to alc_tp][endif]
[if app6@2 eq <1>][add <1> to alc_tp][endif]
[if app6@3 eq <1>][add <1> to alc_tp][endif]
[if app6@4 eq <1>][add <1> to alc_tp][endif]
[if app6@5 eq <1>][add <1> to alc_tp][endif]

>beer2< [allow 5][if app6@1 eq <1>][store <beer,> in
beer2][endif]
>wine2< [allow 5][if app6@2 eq <1>][store <wine,> in
wine2][endif]
>liquor2< [allow 16][if app6@3 eq <1>][store <Liquor/ Spirits,>
in liquor2][endif]
>mix2< [allow 22][if app6@4 eq <1>][store <Mixed drink/
Cocktail,> in mix2][endif]
>coolers2< [allow 8][if app6@5 eq <1>][store <coolers,> in
coolers2][endif]

```

```
>app8< [#ask if R bought only ONE kind of alcohol]
  [if alc_tp gt <1>][goto app6b][endif][define
<d><998>][define <r><999>]
```

```
[r] And about how much did you spend in total on this beverage
for yourself? [n]
```

```
[bold][yellow]
Interviewer if necessary: The beverage you spent the most
money on, the last
time you bought alcohol in a restaurant, bar, club, or pub in
Canadian dollars.
[n][white]
```

```
1-996 enter $
```

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

```
[@]<1.0-996.0,d,r>[goto app7]
```

```
>app6b< [#only ask if R bought more than one kind of alcohol]
  [define <d><8>][define <r><9>]
```

```
[r] Of the [fill beer2] [fill wine2] [fill liquor2] [fill mix2] [fill
coolers2] [n]
[r] you bought on this occasion, which did you spend the MOST
money on? [n]
```

```
[bold][yellow]
Interviewer if necessary: The beverage you spent the most
money on, the last
time you bought alcohol in a restaurant, bar, club, or pub in
Canadian dollars
[n][white]
```

- 1 Beer
- 2 Wine
- 3 Liquor/spirits
- 4 Mixed drink/ Cocktail
- 5 Cooler

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

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

```
>app6c< [define <d><998>][define <r><999>]
```

```
[r] And about how much did you spend in total on this type of
beverage? [n]
```

```
[bold][yellow]
Interviewer if necessary: the last time you bought alcohol in a
restaurant,
bar, club, or pub in Canadian dollars.
[n][white]
```

```
1-996 enter $
```

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

```
[@]<1.0-996.0,d,r>
```

```
>app7< [open app7][default answer <0> all] [define
<d><98>][define <r><99>]
```

```
[if alc_tp eq <1>]
[r] About how many drinks of this beverage did you buy on this
occasion? [n]
```

```
@1
[else]
[r] About how many drinks of this beverage did you buy on this
occasion? [n]
```

```
[bold][yellow]
INTERVIEWER: the word "drink" means one 341 ml (12
ounce) bottle of beer or
glass of draft, one 142 ml (5 ounce) glass of wine, or one straight
or mixed
drink with one ounce and a half (43 ml) of hard liquor.
[n][white]
```

```
[if app6b eq <1>] [#If BEER]
[r] how many drinks of beer or the equivalent did you buy? [n]
```

```
Enter drinks of beer here: @br
[else][if app6b eq <2>] [#If WINE]
[r] how many drinks of WINE did you buy? [n]
```

```
Enter drinks of WINE here: @wn
[else][if app6b eq <3>] [#If LIQUOR]
[r] how many drinks of LIQUOR did you buy? [n]
```

```
Enter drinks of LIQUOR here: @lq
[else][if app6b eq <4>] [#If Mixed drink/ Cocktail]
[r] how many drinks of Mixed drink/ Cocktail did you buy? [n]
```

```
Enter drinks of Mixed drink/ Cocktail here: @mx
[else][if app6b eq <5>] [#If COOLER]
[r] how many drinks of Cooler did you buy? [n]
```

```
Enter drinks of Cooler here: @cl
[endif all]
```

```
[@1] <0,1-97>
<d,r>[goto end_alcohol]
[@br] <0,1-97>
<d,r>[goto end_alcohol]
[@wn] <0,1-97>
<d,r>[goto end_alcohol]
[@lq] <0,1-97>
<d,r>[goto end_alcohol]
[@mx] <0,1-97>
<d,r>[goto end_alcohol]
[@cl] <0,1-97,d,r>
```

```
>end_alcohol<
```

```
## ===== DRIVING =====
```

```
## ===== ALL Panels =====
```

```
>drive<
```

```
[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]

[yellow]
INTERVIEWER: please include also motor vehicles such as Seadoo, Skidoo, ATVs, etc.
[n][white]

1 yes
5 no

d don't know r refused
@

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

[# ===== 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]

[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>]

[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>

```

[# ==ALL PANELS==]
[# ==COLLISION/ STREET RACE =====]

>dr5< [define <d><98>][define <r><99>]

[r] DURING THE PAST 12 MONTHS, how often, if at all, were
you involved in an [n]
[r] 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>

>int_dstr<

[r] The next question is about 'street racing'.
[n]

[bold][yellow]
Interviewer, if necessary: By 'street racing' we mean any type
of race on
public roads. This could include an organized race between 2 or
more drivers,
or a driver challenging other drivers on a public road or a single
driver
racing to see how fast he or she can go.
[n][white]

Press "Enter" to continue @

[&][nodata]

>dstr1< [#new in 2009]

[r] During the past 12 months, how many times, if at all, have you
driven a car,[n]
[r] truck or SUV in a STREET RACE?
[n]

0 never

1-95 enter number of times
96 96 or more times

d don't know r refused
@

[&] <0,1-96,d,r>

[# ===== DRINKING & DRIVING =====]
[# ==All Panels==]

```

```

>dd1< [define <d><8>][define <r><9>]
[if chek eq <1> goto end_dd] [#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> [goto end_dd]

>dd2< [define <d><98>][define <r><99>]

[r] How many times in THE PAST 30 DAYS?
[n]

[bold][cyan]
Have you driven a motor vehicle after having two or more
drinks in the
previous hour?
[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_dd<

[# ===== PASSENGER with IMPAIRED
DRIVER =====]
[# ==Panel B only ==]

>adr< [# ASK all][if RANDOM1 eq <1> goto end_driv]
[define <d><8>][define <r><9>]

[r] The next questions are related to being a passenger in a car or
other vehicle.[n]

[r] In the past 12 months, have you been a passenger in a car or
other vehicle [n]
[r] driven by someone who had two or more drinks of alcohol in
the previous hour?[n]

1 yes
5 no

d don't know r refused
@

```

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

>cdr< [# ASK all]

[r] In the past 12 months, have you been a passenger in a car or other vehicle [n]
[r] driven by someone who had been using cannabis/marijuana in the previous TWO [n]
[r] hours? [n]

- 1 yes
- 5 no

- d don't know r refused
- @

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

>ck_no< [if adr ge <5> OR cdr ge <5>]
[goto end_driv]
[endif][# changed to skip if no to either previous questions]

>acdr<

[r] In the past 12 months, have you been a passenger in a car or other vehicle [n]
[r] driven by someone who had been using BOTH alcohol and cannabis/marijuana in [n]
[r] the previous TWO hours? [n]

- 1 yes
- 5 no

- d don't know r refused
- @

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

>end_driv<

[#===== PERCEIVED RISK of using cannabis =====]
[# === PANEL B ONLY ===]
[#===== (NEW 2008) =====]

>int_crisk< [# ask ALL][if RANDOM1 eq <1> goto cn1]

[r] In the next questions we are interested in your opinion about the effects of [n]
[r] using cannabis. Please tell me how much you think people risk harming [n]
[r] 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]
[r] 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]
[r] 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>

[#===CANNABIS CONSUMPTION =====]
[# ===ALL PANELS ===]
[#=====CANNABIS =====]

>cn1< [define <d><8>] [define <r><9>][#ask all]

[r] Some people use cannabis, marijuana or hash in private, with friends, or [n]
[r] in 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]

>cdr1< [#ask only drivers] [if drive gt <1> goto candep] [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]

>cdr2< [define <d><98>] [define <r><99>]

[r] How many times in THE PAST 30 DAYS? [n]

[bold][cyan]
 Have you driven a motor vehicle within an hour of using cannabis, marijuana or hash?
 [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>

[# ===== CANNABIS DEPENDENCE
 =====]
 [# ===PANEL B ONLY===]

>candep< [#FOR past 12 months cannabis users] [if RANDOM1 eq <1> goto end_can][# PANEL A 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>] [#cud1,NEW in 2004] [#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, daily or 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

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

d don't know r refused
@

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

>end_can< [allow 1][store <1> in end_can]

```
[# ===== COCAINE USE (ASK ALL)
=====]
[# ===PANEL B Only ===]
```

```
>ck1< [if RANDOM1 eq <1> goto end_ck][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]
```

```
>ck2< [define <d><98>][define <r><99>]
```

```
[r] How many times, if any, have you used COCAINE during the
PAST 12 months: [n]
[r] would you say more than once a day, about every day, four to
five times [n]
[r] a week, 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]
```

- 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
@
```

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

```
>end_ck<
```

```
[# == GENERAL HEALTH QUESTIONS
=====]
[# === PANEL B Only]
```

```
>int3< [if RANDOM1 eq <1> goto gh2r]
```

```
[r] Next, we would like to ask you a few questions about your
general health, [n]
[r] how you have been feeling lately and about doctor visits.
[n]
```

```
Press enter to continue
```

```
@
```

```
[@][no data]
```

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

```
[r] In general, would you say your health is excellent, very good,
good, fair [n]
[r] 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
[n]
[r] excellent, very good, 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< [# ask all] [define <d><98>][define <r><99>][#new
2010]
```

```
[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 only==]
```

```
>gh2r< [# gh2r replaced gh2] [if RANDOM1 eq <1> goto
age][#panel A skip to age]
[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][if ck_gh4 eq <0> goto int4]

[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>

[# ==== GHQ-12 ==] [# ===PANEL B ONLY ===]
[# ==GENERAL HEALTH QUESTIONNAIRE =====]

>int4< [#ASK ALL]

[r] In the next few questions we would like to know if you have experienced any [n]
[r] medical complaints, and how your health has been in general, over the past [n]
[r] few weeks. [n]

Press "Enter" to continue @

[@][nodata]

>gq1< [define <d><8>][define <r><9>]

[r] Over the past few weeks, have you been able to concentrate on whatever [n]
[r] you're doing? [n]

[r] Would you say better than usual, same as usual, less than usual, or [n]
[r] much less than usual? [n]

1 better than usual
3 same as usual
5 less than usual
7 much less than usual

d don't know r refused
@

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

>gq2<

[r] Over the past few weeks, have you felt that you are playing a useful part [n]
[r] in things? [n]

[r] Would you say more so than usual, same as usual, less so than usual, or [n]
[r] much less than usual? [n]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

d don't know r refused
@

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

>gq3<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you felt capable of making decisions about things? [n]

[bold][cyan]
Would you say more so than usual, same as usual, less so than usual, or much
less than usual?
[n][white]

1 more so than usual
3 same as usual
5 less so than usual

7 much less than usual

d don't know r refused
@

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

>gq4<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you been able to enjoy your normal day-to-day activities?
[n]

[bold][cyan]
Would you say more so than usual, same as usual, less so than
usual, or much
less than usual?
[n][white]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

d don't know r refused
@

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

>gq5<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you been able to face up to your problems?
[n]

[bold][cyan]
Would you say more so than usual, same as usual, less so than
usual, or much
less than usual?
[n][white]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

0 r volunteers "I have no problems"

d don't know r refused
@

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

>gq6<

[r] Over the past few weeks, all things considered, have you been
feeling [n]
[r] reasonably happy? [n]

[bold][cyan]
Would you say more so than usual, same as usual, less so than
usual, or much
less than usual?
[n][white]

1 more so than usual
3 same as usual
5 less so than usual
7 much less than usual

d don't know r refused
@

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

>gq7<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you lost much sleep because of worry?
[n]

[r] Would you say not at all, no more than usual, rather more than
usual, or [n]
[r] much more than usual? [n]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

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

>gq8<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you felt constantly under strain?
[n]

[r] Would you say not at all, no more than usual, rather more than
usual, or [n]
[r] much more more than usual? [n]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

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

>gq9<

[bold][cyan] Over the past few weeks... [n][white]
[r] ...have you felt you could not overcome your difficulties?
[n]

[bold][cyan]
Would you say not at all, no more than usual, rather more than
usual, or
much more than usual?
[n][white]

1 not at all
3 no more than usual
5 rather more than usual

7 much more than usual
d don't know r refused
@

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

>gq10<

[bold][cyan] Over the past few weeks, [n][white]
[r] have you been feeling unhappy and depressed?
[n]

[bold][cyan]
Would you say not at all, no more than usual, rather more than
usual, or
much more than usual?
[n][white]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

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

>gq11<

[bold][cyan] Over the past few weeks, have you...[n][white]

[r] ...been losing confidence in yourself?
[n]

[bold][cyan]
Would you say not at all, no more than usual, rather more than
usual, or
much more than usual?
[n][white]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

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

>gq12<

[bold][cyan] Over the past few weeks, [n][white]

[r] have you been thinking of yourself as a worthless person?
[n]

[bold][cyan]
Would you say not at all, no more than usual, rather more than
usual, or
much more than usual?
[n][white]

1 not at all
3 no more than usual
5 rather more than usual
7 much more than usual

d don't know r refused
@

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

[#===== PAIN RELIEVERS
=====]
[# === PANEL B ONLY ===]

>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, Tylenol #3 or other products).
[n]

[r] Some people use these medications to treat pain resulting from
an illness, [n]
[r] injury or for some other reason. [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 1 or 2 times, 3 to 5 times, 6 to 9 times, 10 to 19
times, [n]
[r] 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
@

[@] <1-9,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? Would you say 1 or 2 times, 3 to 5 times, 6 to 9 times, [n]
[r] 10 to 19 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 #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 po3]

>pr7< [# ASK all users without prescription, if po2 eq 1-6] [#new 2010]

[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>

>po3< [# ASK all users with prescription - if po1 eq 1-6] [#new 2010]
[if po1 gt <6> goto oxy2]

[r] Has a doctor ever told you about the risk of becoming addicted to the [n]
[r] pain reliever medication? [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, never

d Don't Know r Refused
@

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

[#=====OXYCONTIN=====]
[#==ASK ALL users WITHOUT PRESCRIPTION, if po2 eq 1-6 ==#]
[# == OXYCONTIN- New in 2006, added in 2009 ==#]

>oxy2< [if po2 ge <9> goto ck_dpo]

[r] In the past 12 months, how many times, if at all, have you used OXYCONTIN [n]
[r] WITHOUT A PRESCRIPTION or without a doctor telling you to take it? [n]

[r] Would you say 1 or 2 times, 3 to 5 times, 6 to 9 times, 10 to 19 times, [n]
[r] 20 to 39 times, 40 times or more often?
[n]

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
@

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

```
[#==we need to count "all users" of PR ( PR user=1) here ]

[#== Driving and Use of Prescription Pain Relievers==]
[#ASK Only PR users who are drivers ? PR user=1& drive=1]

>ck_dpo< [if po1 ge <1> and po1 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 <6>][goto end_pr][endif][#add in Jan. 12, 2010]
    [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> [goto end_pr]

>dpo2< [define <d><98>] [define <r><99>][#new 2010]

[r] How many times in THE PAST 30 DAYS?
[n]

[bold][cyan]
Have you driven a motor vehicle after taking any prescription
pain relievers
in the previous hour?
[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_pr< [allow int 1]
[store <1> in end_pr]
```

[#==TREATMENT,PANEL B ONLY =====]

```
>int_treat<

[r] In the next questions, we would like to ask you a few questions
about [n]
[r] professional help, such as treatment or counselling, that you
might [n]
[r] have received. [n]

Press "Enter" to continue @

[&][nodata]

>treat1< [# ask all] [define <d><8>][define <r><9>][#new
2010]

[r] Have you ever received professional help because of your use
of alcohol or [n]
[r] drug use? [n]

[bold][yellow]
Interviewer: if necessary: "Include any treatment or counselling
given by
doctors, counsellors, social workers or other health
professionals.
DO NOT include self-help support groups such as AA
(alcoholics anonymous);
DO NOT include help for quitting smoking.
[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
@

[&] <2>
<1,5,d,r>[goto treat3]

>treat2< [#if treat1 = 2] [#new 2010]

[r] Was the professional help you received in the past 12 months
for alcohol use[n]
[r] only, drug use only, or both alcohol and drug use?
[n]

1 alcohol use only
2 drug use only
3 both alcohol and drug use

d Don't Know    r Refused
@

[&] <1-3>
<d,r>[goto treat7]

>treat2a< [# ASK IF treat2 = 2 OR 3 and PR user=1] [#new
2010]
```

[if po1 gt <6> goto treat7] [if treat2 eq <1> goto treat7]

[r] Was the professional help you received in the past 12 months for your use of [n]

[r] PRESCRIPTION PAIN RELIEVERS?

[n]

1 yes
5 no

d don't know r refused
@

[@] <1,5,d,r> [goto treat7]

>treat3< [#if treat1 = 5] [#new 2010]

[r] Did you ever think you might have needed professional help for your use of [n]

[r] alcohol or drugs? [n]

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

5 no

d Don't Know r Refused
@

[@] <2>
<1,5,d,r>[goto treat7]

>treat4< [#if treat3 = 2] [# ASK ALL] [#new 2010]

[r] During the past 12 months, did you think you needed professional help for [n]

[r] alcohol use only, drug use only, or both alcohol and drug use? [n]

1 alcohol use only
2 drug use only
3 both alcohol and drug use

d Don't Know r Refused
@

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

>treat5< [#if treat4 = 2 OR 3 and PR user=1] [#new 2010]
[if po1 gt <6> goto treat6]

[r] During the past 12 months, did you think you needed professional help for [n]

[r] your use of PRESCRIPTION PAIN RELIEVERS? [n]

1 yes
5 no

d don't know r refused
@

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

>treat6< [#if treat3 = 2] [#new 2010]
[if treat3 gt <2> or treat3 lt <1>][goto treat7][endif]
[define <d><98>][define <r><99>] [define <s><97>]

[r] What was the MOST important reason for NOT getting professional help? [n]

[bold][yellow]
INTERVIEWER : Do not read list, select only one.
If R gives more than one reason, ask "If you had to pick the MOST important reason, what would it be?"
[n][white]

- 1 didn't know where to go
 - 2 fear of doctors, hospitals
 - 3 didn't think treatment would work
 - 4 type of treatment desired was not available
 - 5 waiting list was too long
 - 6 treatment was not covered by insurance/couldn't afford it
 - 7 transportation was difficult
 - 8 had personal or family responsibilities
 - 9 had employment difficulties
 - 10 concern that family or friends would avoid me/embarrassed
 - 11 I was too busy
 - 12 had language or cultural difficulties
- s other (specify) d don't know r refused
@

[@] <1-12,d,r>
<s>[specify]

>treat7< [# ask all] [define <d><8>][define <r><9>][#new 2010]

[r] Have you ever received professional help because of your mental or emotional [n]

[r] health? [n]

[bold][yellow]
Interviewer: if necessary: "Include any treatment or counselling given by doctors, counsellors, social workers or other health professionals."
[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>[goto end_treat]
<5,d,r>

>treat8< [#if treat7 = 5]

[r] Did you ever think you might have needed professional help for your mental [n]

[r] or emotional health? [n]

- 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>[goto end_treat]

>treat9< [#if treat8 = 2] [#new 2010]
[define <d><98>][define <r><99>] [define <s><97>]

[r] What was the MOST important reason for not getting professional help? [n]
[bold][yellow]

Interviewer: Do not read list - select only one.
If R gives more than one reason, ask "If you had to pick the MOST important reason, what would it be?"
[n][white]

- 1 didn't know where to go
- 2 fear of doctors, hospitals
- 3 didn't think treatment would work
- 4 type of treatment desired was not available
- 5 waiting list was too long
- 6 treatment was not covered by insurance/couldn't afford it
- 7 transportation was difficult
- 8 had personal or family responsibilities
- 9 had employment difficulties
- 10 concern that family or friends would avoid me/embarrassed
- 11 I was too busy
- 12 had language or cultural difficulties

s other (specify) d don't know r refused
@

[@] <1-12,d,r>
<s>[specify]

>end_treat<

[# ===== FINANCIAL STRESS, PANEL
B ONLY =====]

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

[r] The next 2 questions are about financial stress that your family might have [n]
[r] felt in the past 12 months. [n]

Press "Enter" to continue @

[@][nodata]

>fstres1< [# ASK ALL] [#new 2010]

[r] During the past 12 months, did you lose your job or were worried that you [n]
[r] would lose your job? [n]

- 1 yes
- 5 no

7 R volunteers don't have a job/not working
d don't know r refused
@

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

>fstres2< [# ASK ALL] [#new 2010][define <d><98>][define <r><99>]

[r] During the past 12 months, how many months, if any, has your family not been [n]
[r] able to pay for necessities such as food, mortgage or rent, gas or telephone [n]
[r] bills? [n]

0 never

1-12 enter number of months

d don't know r refused
@

[@] <0,1-12,d,r>

[# ===== PSYCHOTHERAPEUTICS
=====]
[# === PANEL B ===]

>int2< [#ask all]

[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,d>
<5,r> [goto ps16]

>ps12<

[r] How about in the past 7 days, have you taken any prescription medication [n]
[r] to reduce 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> [goto end_psy]

>ps17<

[r] How about in the past 7 days, have you taken any prescription medication to [n]
[r] treat depression? [n]

- 1 yes
- 5 no

d don't know r refused
@

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

>end_psy<

[# ===== DEMOGRAPHICS
=====]
[#===ALL PANELS]

>age< [define <d><9998>][define <r><9999>][define
<a><9997>]

[r] Finally, these last questions are for classification purposes only. [n]

[r] First, in what year were you born? [n]

1890-1992 Enter year

a after 1992

d don't know r refused
@

[@] <1890-1992>
<a,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 Episcopalian 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> [goto sd5]
<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>

>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
@

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

>sd6r< [# revised item name in 2008B]
[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 sd7]
<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> [goto sd7b]

>sd7< [define <d><8>][define <r><9>]

[if sd6r ge <1>][if sd6r le <3>]
[r] What is your main occupation? [n]
[endif][endif]
[if sd6r eq <8>] [# self employed added]
[r] What is your main occupation? [n]
[endif]
[if sd6r is <4>]
[r] When you were last employed, what was your main
occupation? [n]
[endif]
[if sd6r is <5>]
[r] Before you retired, what was your main occupation?
[n]
[endif]
[if sd6r is <6>]
[r] When you were last employed, what was your main
occupation? [n]
[endif]

[bold][yellow]
INTERVIEWER: Do not accept one word answers such as "co-
ordinator","clerk",
"works at bank", "businessman" etc.

ASK FOR job title, what they do at this job and broader
industry!
[n][white]

1 Enter text, end with //

d don't know r refused
@

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

>sd7b< [define <d><8>] [define <r><9>] [#ASK ALL]

[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>]

[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<

[r] In what country were you born?

[n]

1 Canada 23 Iran

2 China 11 Jamaica 20 United States

22 Colombia 12 Netherlands /Holland 21 United Kingdom

3 France 24 Pakistan

4 Germany 13 Philippines

5 Greece 14 Poland
6 Guyana 15 Portugal
7 Hong Kong 16 Romania
8 Hungary 17 Russia
9 India 18 Viet Nam
10 Italy 19 Sri Lanka

s Other (specify) r Refused

@

[@] <2-21>
<s>[specify]
<1,d,r>[goto sd9a]

>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]

1900-2009 Enter year

0 I was born a canadian citizen

d don't know r refused

@

[@] <1900-2009,0,d,r>

>sd9a< [define <s><0>] [define <d><98>] [define <r><99>]

[r] To what ethnic or cultural group did you, or your ancestors belong on first [n]

[r] coming to this continent? [n]

[bold][yellow]

INTERVIEWER: If R is not clear, say "Are you Scottish, Chinese, Greek, or something else?"

[n][white]

1 Australian 13 Ethiopian 24 Jamaican 33 Portuguese 41

Vietnamese

2 Austrian 14 French 25 Japanese 34 Russian 8

Yugoslavian

3 Bahamian 10 Finnish 26 Jewish 6 SCOTTISH 6

Welsh

4 Bangladeshi 15 German 27 Korean 8 Serbian 95

Aboriginal

5 BLACK/African 16 Greek 28 Lebanese 35 Punjabi

96 Canadian

6 British 17 Guyanese 8 Macedonian 36 Somalia

7 Chinese 18 Haitian 1 New Zealand 9 Slovakian

8 Croatian 11 Holland 11 Netherlands 37 Spanish

9 Czech 19 Hungarian 29 Nigerian 38 Sri Lanka

10 Danish 20 Irish 10 Norwegian 10 Swedish

11 Dutch 21 Italian 30 Pakistani 38 Tamil

6 English 22 Indian 31 Philipino 39 Trinidadian

12 El Salvador 23 Israeli 32 Polish 40 Ukrainian

41 Romanian 42 Colombian 43 Iranian

s Other (specify) d Don't know r Refused @

[@] <1-41,95,96>[goto sd9c]
<d,r> [goto sd10]

<s> [specify]
 >sd9c< [define <d><98>] [define <r><99>] [define <s><0>]
 [bold][yellow] (INTERVIEWER: Enter SECOND mention only
 here.[n][white]

97 NO SECOND MENTION
 1 Australian 13 Ethiopian 24 Jamaican 33 Portuguese 41
 Vietnamese
 2 Austrian 14 French 25 Japanese 34 Russian 8
 Yugoslavian
 3 Bahamian 10 Finnish 26 Jewish 6 SCOTTISH 6
 Welsh
 4 Bangladeshi 15 German 27 Korean 8 Serbian 95
 Aboriginal
 5 BLACK/African 16 Greek 28 Lebanese 35 Punjabi
 96 Canadian
 6 British 17 Guyanese 8 Macedonian 36 Somalia
 7 Chinese 18 Haitian 1 New Zealand 9 Slovakian
 8 Croatian 11 Holland 11 Netherlands 37 Spanish
 9 Czech 19 Hungarian 29 Nigerian 38 Sri Lanka
 10 Danish 20 Irish 10 Norwegian 10 Swedish
 11 Dutch 21 Italian 30 Pakistani 38 Tamil
 6 English 22 Indian 31 Philipino 39 Trinidadian
 12 El Salvador 23 Israeli 32 Polish 40 Ukrainian
 41 Romanian 42 Colombian 43 Iranian

s Other (specify) d Don't know r Refused
 @

[@] <1-41,95,96,97,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 2009,
 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 <Univ?ers> 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 <Univers> 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]

>CHECK_POSTAL.2<

[r] Donc, juste pour confirmer que j'ai bien entré ?a
correctement, votre code [n]

[r] postale est le: [n]
[r] [fill PCV1F] [fill PCV2F] [fill PCV3F] - [fill PCV4F] [fill
PCV5F] [fill PCV6F] ([fill POSTAL@1] [fill POSTAL@2] [fill
POSTAL@3] [fill POSTAL@4] [fill POSTAL@5] [fill
POSTAL@6]). [n]

[r] C'est bien ?a? [n]

1 Oui
5 Non

r refus
@

>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-----]

>ISR1< [goto cd]
[define <d><98>][define <r><99>]

[r] Not including cell phones, how many separate telephone
NUMBERS are there [n]
[r] in this household? [n]

1 One
2-97 Enter exact number

d Don't Know r Refused
@

[@] <1,d,r> [goto ISR3]
<2-97>

>ISR2< [define <d><98>] [define <r><99>]

[r] How many of these numbers are used only for business
purposes or by children [n]
[r] under 18 years of age? [n]

0-97 enter exact number

d don't know r refused
@

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

>ISR3< [define <d><8>] [define <r><9>]

[r] Is telephone number [fill AREA]-[fill PRFX:0]-[fill SUFX:0]
listed in the [n]
[r] current telephone directory? [n]

1 yes
5 no

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 Flamorough 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, somewhat [n]
[r] 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>

>re3a< [define <d><8>] [define <r><9>]

[r] Were there any questions which you found confusing or unclear? [n]

- 1 yes
- 5 no

d don't know r refused
@

[@] <1>
<5,d,r> [goto re4]

>re3b< [define <d><8>] [define <r><9>]

[r] What were they? [n]

[bold][cyan] The questions which you found confusing or unclear
[n][white]

1 enter text, end with //

d Don't Know r Refused
@

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

>re4< [define <d><8>] [define <r><9>]

[r] Were there any instances where you understood a question, but still found it [n]
[r] difficult to answer? [n]

- 1 Yes

5 No

d Don't Know r Refused

@

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

>re4b< [define <d><8>][define <r><9>]

[r] What were they? [n]

[bold][cyan]
The instances where you understood a question, but still found it difficult to answer? [n][white]

1 enter text, end with //

d Don't Know r Refused
@

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

>stop< [if ETIM eq <>][settime ETIM][endif]
[goto SET]

Appendix D
Derived Variables

DERIVED VARIABLES 2010

Several derived variables have been created on the CM data file. In this section, the methods used to derive the more complex 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 due to the complex structure of the derived variable. Some of these intermediate variables are also listed and documented as much as possible. Also, due to the complexity of the coding structure and analysis requests, for some of the grouped and derived variables, alternatively coded versions have been created. Some of these alternatively coded variables are also listed and documented. The descriptions of the derived variables below are listed according to topic.

Most of the derived variables listed in this chapter are also included in the merged file "CM 1996-2010", but they might not be available for every single year. Therefore users of the merged file should first verify if the variables they are interested in are available for all years included in the merged file or might have been asked some years only.

Panel Questionnaire panel (1-Jan-Dec; 2- Jan-Dec)

Smoking

SSTATUS3	Smoking status (3 cat)
SSTATUS5	Smoking status (5 cat)
TOB12M	Tobacco use - past 12m
SDAILY	Daily smoking - past 12m
NCIGCAT	Number of cigarettes smoked daily – smokers– past 12m
NCIGTCAT	Number of cigarettes smoked daily – total sample– past 12m

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	Total volume of alcohol consumed in standard drinks in past 12 months
QFVOLWK	Weekly volume of alcohol consumed in standard drinks in 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)
ALCTYP6	Drinking pattern (6 categories) (total sample) (using five plus weekly)
ALCSTAT6	Drinking pattern (6 categories) (total sample) (for comparison CAS/CADUMS)

Alcohol Use Problems (AUDIT)

AUDIT	AUDIT total score (total sample)
AUDIT8	AUDIT score - 8+ cut-off (total sample)
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)

ASISTCAN	Cannabis ASSIST score
ASISTCN3	Risk level for cannabis consumption (3 categories)
ASISTCN2	Risk level for cannabis consumption (2 categories)

Cocaine Use

COCLIFE	Cocaine use lifetime
COC12M	Cocaine use past 12 months

Driving and Substance Use

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 before driving (among valid drivers) – past 12m
DRIVER	Licensed driver in the past 12m
PASSDD	Passenger with a driver who had 2 standard drinks of alcohol within 1 hour before driving - past 12m
PASSCD	Passenger with a driver who had been using cannabis within 2 hours before driving – past 12m

Mental Health (GHQ12)

GHQ1-GHQ12	GHQ items (1 to 12) recoded 0 through 3, and binary: 1-0 (ghq1_bi to ghq12_bi)
GHQ12L	GHQ12 total score (total sample)
GHQ3PLUS	GHQ12 score - 3+ cut-off (total sample)

Health Related Quality of Life Measures (Panel B only)

FAIRHLT	Percent fair or poor health
FAIRMHLT	Percent fair or poor mental health
UNHLTPD	Physically unhealthy days
UNHLTMD	Mentally unhealthy days
ACTLIMD	Activity limitation days
UNHLTD	Sum of unhealthy days (physically & mentally)
MENTDISD	Frequent mental distress days

Prescription Medication for Anxiety and Depression

PS11T	Any use of Anxiety Medication - past 12m
PS16T	Any use of Depression Medication - past 12m

Prescription OPIOID Pain Reliever Use (items revised 2010)

PR12M	Any use of prescription Pain Reliever - past 12m
PRHI12M	Prescription Pain Reliever - use to get high - past 12m
NMPR12M	Any non-medical use of prescription Pain Reliever - past 12m
NMOXY12M	Any non-medical use of OXYCONTIN - past 12m

Demographics

AGECAT3	Age recoded in 3 categories
AGECAT5	Age recoded in 5 categories
EDUCAT4	Highest level of education recoded (4 categories)
MARSTAT3	Marital status recoded (3 categories)
MARSTAT4	Marital status recoded (4 categories)
EMPCAT8	Employment status recoded (8 categories)
HINCCAT5	Household Income (5 categories)
LANG	Language spoken at home
RUR_URB	Location of Household
REGPH7	Public Health Region (7 categories)
LHIN	Local Health Integration Networks (14 categories)

DERIVED VARIABLES

SMOKING

SSTATUS3 Smoking status - Standard to Health Canada

Based on tc1, tc2, tc5

SSTATUS3	DESCRIPTION	CONDITION
1	Current smoker	(tc1=1, 3) OR (tc1=5 AND tc2=1 AND tc5 =1)
2	Former smoker (includes those who “recently” 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

Based on SSTATUS3, tc3, tc1

SSTATUS5	DESCRIPTION	CONDITION
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 Tobacco use past 12 months

Based on SSTATUS3

TOB12M	DESCRIPTION	CONDITION
0	Not smoked past 12 months	SSTATUS3=2,3
1	Current smoker past 12 months	SSTATUS3=1

See also : **SDAILY** - Daily smoking (coded 0-1);
NCIGCAT, NCIGTCAT - No. of cigarettes smoked in categories.

ALCOHOL

ALCSTAT3 Drinking status (past 12 months)

Based on ac1 and ac2

ALCSTAT3	DESCRIPTION	CONDITION
1	Past 12 months drinker	ac1=1
2	Former drinker	ac2=1AND ac1=5
3	Abstainer (never drank)	ac2=5 AND ac1=5

ALC12M Alcohol use past 12 months

Based on ALCSTAT3

ALC12M	DESCRIPTION	CONDITION
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 by usual frequency approach.

Based on ac5 and ac6a.

$QFVOL = ac5 \text{ (recoded)} * ac6a.$

Note: AC5 (frequency of use of alcohol) and related frequency categories are recoded 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

Based on ac5 -- recoded for total sample.

ALDAILY	DESCRIPTION	CONDITION
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)

Based on item five – recoded for total sample

FIVEWK	DESCRIPTION	CONDITION
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 apst 30 days.**ALCTYP6** - Drinking pattern (6 categories) (total sample)**ALCSTAT6** - Drinking pattern (6 categories) (total sample) (for CAS/CADUMS)**AUDIT, AUDITS****AUDIT derived variables****Harmful and Hazardous Drinking - based on WHO's Alcohol Use Disorders Identification Test (AUDIT)**

The World Health Organization has developed a screening instrument - the Alcohol Use Disorders Identification Test (AUDIT) - designed to detect problem drinkers at the less severe end of the spectrum of alcohol problems (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 and mental health problems (e.g., liver disease), whereas *harmful* drinking refers to a pattern of drinking that is already causing damage to health (e.g., alcohol-related injuries; depression). A score of 8 or more is conventionally used as a cut-off point to estimate the percentage who drink at hazardous or harmful levels.

Derived **AUDIT** variables (**AUDIT**, **AUDIT8**) are based on the following items:

Variable name	AUDIT Items	Recoded 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

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** should be used for analyzing individual AUDIT items.

AUDIT

AUDIT score (total sample)

Items aud1 to aud10 were recoded for total sample: aud1t to aud10t.

summation of: aud1t, aud2t, aud3t, aud4t, aud5t, aud6t, aud7t, aud8t, aud9t, aud10t

min: 0 max: 40 (higher score = increased likelihood of alcohol problems)

AUDIT8

AUDIT score cut-off 8+ (drink at hazardous or harmful levels)

Based on AUDIT

AUDIT8	DESCRIPTION	CONDITION
0 = "no"	AUDIT score less than 8	AUDIT ge 0 and AUDIT le 7
1= "yes"	AUDIT score of 8 and over	AUDIT ge 8

See also:

AUDIT DOMAINS

- AUDITC** **AUDIT score for consumption/ intake**
Based on aud1t to aud3t; range [0-12]
AUDITC = summation of (aud1t, aud2t, aud3t)
- AUDITD** **AUDIT score for dependence**
Based on aud4t to aud6t; range [0-12]
AUDITD = summation of (aud4t, aud5t, aud6t)
- AUDITAC** **AUDIT score for adverse consequences**
Based on aud7t to aud10t; range [0-16]
AUDITAC = summation of (aud7t, aud8t, aud9t, aud10t)
- AUDITP** **AUDIT score for problems (adverse consequences + dependence)**
Based on aud4t to aud10t; range [0-28]
AUDITP = summation of (aud4t, aud5t, aud6t, aud7t, aud8t, aud9t, aud10t)

ILLICIT DRUGS

1. CANNABIS

- CANLIFE** **Lifetime cannabis use**
Based on cn1

CANLIFE	DESCRIPTION	CONDITION
0 = "no"	Never used	cn1=5
1= "yes"	Ever used in lifetime	cn1=1

- CAN12M** **Cannabis use past 12 months**
Based on cn2 – recoded for total sample

CAN12M	DESCRIPTION	CONDITION
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
Based on CAN3 – recoded for total sample

CAN3M	DESCRIPTION	CONDITION
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)**.

2. CANNABIS PROBLEMS - WHO-ASSIST
(Alcohol, Smoking and Substance Involvement Screening Test)

To assess cannabis problems we used the **“WHO-ASSIST”** screener (see items can3m, cnas1 to cnas5). The World Health Organization has developed a screening instrument – the **Alcohol, Smoking and Substance Involvement Screening Test (ASSIST)** - designed to assess, for users of specific substances, the risk of experiencing health and other problems (e.g. social, financial, legal, relationship) from their current pattern of use (WHO ASSIST Working Group, 2002).

The **ASSIST** was asked only of **past 3 months** users. The **ASSIST** score ranges from 0 to 39. Three categories are used to assess the risk of experiencing health and other problems: 1) “low” (a score of 0-3) refers to a pattern of use associated with a low risk of experiencing problems; 2) “moderate” (a score of 4-26) refers to a pattern of use associated with a moderate risk of experiencing problems; and 3) “high” (a score of 27 +) refers to a pattern of use that is associated with a high risk of experiencing problems and is likely to lead to dependency.

Derived **ASSIST** variables (**ASISTCAN, ASISTCN3**) are based on the following items:

Variable name	ASSIST Items	Recoded category
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
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 3months
		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 3months
		6. Yes, past 3 months

Note: Items **ascan1**, **ascan2**, **ascan3**, **ascan4**, **ascan5**, **ascan6** should be used for analysing individual ASSIST items.

ASISTCAN Cannabis ASSIST score (total sample)

Based on 6 items CN3M, CNAS1 through CNAS5 (items were first recoded for total sample ascan1, ascan2, ascan3, ascan4, ascan5, ascan6).

summation of 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

Based on ASISTCAN score

ASISTCN3	DESCRIPTION	CONDITION
0= "low"	Score <=3 Low risk of developing health and other problems	ASISTCAN le 3
1= "moderate"	4=< Score <=26 Moderate risk of developing health and other problems	ASISTCAN ge 4 and le 26
2= "high"	Score >=27 High risk of developing health and other problems and likely to be dependent	ASISTCAN ge 27

ASISTCN2 Risk level for cannabis consumption - 2 categories

Based on ASISTCAN score – categories (moderate /high) combined

ASISTCN2	DESCRIPTION	CONDITION
0= “low”	Score <=3 Low risk of developing health and other problems	ASISTCAN le 3
1= “moderate/ high”	Score >=4 Moderate or high risk of developing health and other problems (eventually likely to be dependent)	ASISTCAN ge 4

3. COCAINE**COCLIFE Lifetime cocaine use**

Based on ck1

COCLIFE	DESCRIPTION	CONDITION
0	Never used	ck1=5
1	Ever used in lifetime	ck1=1

COC12M Cocaine use past 12 months

Based on ck2 – recoded for total sample

COC12M	DESCRIPTION	CONDITION
0	Never used/ not used past 12 months	ck2=9
1	Used past 12 months	ck2=1 through 8

DRIVING AND SUBSTANCE USE

DKDRIV Drinking and driving past 12 months
Based on dd1, recoded for all valid drivers

DKDRIV	DESCRIPTION	CONDITION
0	Not driven under the influence past 12 months	dd1=5, 7 and system missing =0
1	Driven under the influence at least once past 12 months	dd1=1

See also : **DKDRIV30** – Driven under the influence at least once past 30 days (based on item dd2);
DRIVER – Licensed driver past 12m (based on item sd7b).

CANDRIV Driving after cannabis use past 12 months
Based on cdr1, recoded for all valid drivers

CANDRIV	DESCRIPTION	CONDITION
0	Not driven under the influence past 12 months	cdr1=5, 7 and system missing =0
1	Driven under the influence at least once past 12 months	cdr1=1

PASSDD Passenger with a driver who had been drinking - past 12 months
Based on adr

PASSDD	DESCRIPTION	CONDITION
0	Not been in a car with a driver under the influence, past 12 months	adr=5
1	Not been in a car with a driver under the influence at least once past 12 months	adr=1

PASSCD Passenger with a driver who used cannabis - past 12 months
Based on cdr1

PASSCD	DESCRIPTION	CONDITION
0	Not been in a car with a driver under the influence, past 12 months	cdr=5
1	Not been in a car with a driver under the influence at least once past 12 months	cdr=1

MENTAL HEALTH

To measure overall mental wellness we used the 12-item General Health Questionnaire (GHQ-12) (Goldberg & Hillier, 1979), a screening instrument that evaluates two overarching problems: depression/anxiety and problems with social functioning. Although the GHQ does not provide a clinical determination of psychiatric disorder, it does provide an indication of an individual's risk of future problems.

1. GENERAL HEALTH QUESTIONNAIRE (GHQ12)

For the first time, the CAMH Monitor incorporated the GHQ into the 1999 survey. The item wording took the form: "Over the past weeks, have you....". Response categories are on a 4-point scale ranging from "better [more so] than usual" to "much less than usual"; or "not at all" to "much more than usual." The GHQ items (named gq1 to gq12 in the questionnaire) have been recoded to a "0-3" scale and renamed ghq1 to ghq12.

Derived **GHQ12** variables are based on the following items:

Over the past few weeks, ...	Recoded Categories
ghq1. ...have you been able to concentrate on whatever you're doing?	0. Better than usual
	1. Same as usual
	2. Less than usual
	3. Much less than usual
ghq2. ... have you felt that you are playing a useful part in things?	0. More so than usual
	1. Same as usual
	2. Less useful than usual
	3. Much less useful than usual
ghq3. ... have you felt capable of making decisions about things?	0. More so than usual
	1. Same as usual
	2. Less so than usual
	3. Much less capable
ghq4. ... have you been able to enjoy your day-to-day activities ?	0. More so than usual
	1. Same as usual
	2. Less so than usual
	3. Much less than usual
ghq5. ... have you been able to face up to your problems?	0. More so than usual
	1. Same as usual
	2. Less so than usual
	3. Much less than usual
ghq6. ... have you been feeling reasonably happy?	0. More so than usual
	1. Same as usual
	2. Less so than usual
	3. Much less than usual

Over the past few weeks, ...	Recoded Categories
ghq7. ... have you lost much sleep because of worry?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq8. ... have you felt constantly under strain?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq9. ... have you felt you could not overcome your difficulties?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq10. ... have you been feeling unhappy and depressed?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq11. ... have you been losing confidence in yourself?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual
ghq12. ... have you been thinking of yourself as a worthless person?	0. Not at all
	1. No more than usual
	2. Rather more than usual
	3. Much more than usual

GHQ12L GHQ12 Likert summary score (0-36).

Based on items ghq1 to ghq12.

Total Score **GHQ12L** = summation of: ghq1, ghq2, ghq3, ghq4, ghq5, ghq6, ghq7, ghq8, ghq9, ghq10, ghq11, ghq12.

min: 0 max: 36 (higher score = increased likelihood of impaired mental health)

GHQ3PLUS GHQ score cut-off 3+
Based on GHQ12BI

The GHQ also yields a summary statistic to estimate the percentage experiencing significant disinterest, and poor functioning which we label elevated psychological distress, defined as reporting at least 3 of the 12 symptoms. The total score, **GHQ12BI**, is based on a binary scoring (ghq1_bi, ..., ghq12_bi; range 0-12).

GHQ3PLUS	DESCRIPTION	CONDITION
0 = "no"	GHQ12BI score less than 3	GHQ12BI ge 0 and GHQ12BI le 3
1 = "yes"	GHQ12BI score of 3 and over	GHQ12BI ge 3

2. HRQOL - HEALTH-RELATED QUALITY OF LIFE MEASURES

Based on the health-related quality of life core module (HRQOL-4) developed by the Centers for Disease Control and Prevention (CDC), Atlanta, US.

Investigators at the Centers for Disease Control and Prevention (CDC) have developed a brief survey tool to identify health-related quality of life in adult populations (Moriarty, Zack, & Kobau, 2003; Öunpuu, Krueger, Vermeulen, & Chambers, 2000). The four-item HRQOL core module measures self-perceived health, recent physical and mental health, 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 are based on 5 items: gh1, hs1a, gh2r, gh3r, gh4. Unlike other health profiles, the HRQOL measures do not use a summary score or subscale scores based on psychometrically derived or preference-based weights. The only scoring used is a summary “unhealthy days” index, computed by adding a respondent’s physically and mentally unhealthy days, with a maximum of 30 days for one person. For comparing populations and examining patterns and trends, population means are generally used for the “days” measures. For some analyses, derived measures 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.

DERIVED “HRQOL” VARIABLES

FAIRHLT Percent fair or poor health
Based on item gh1 (self-rated health)
Recoded into 2 categories: ‘0’ (excellent, very good, good); ‘1’ (fair, poor)

FAIRMHLT Percent fair or poor mental health
Based on item hs1a (self-rated mental health)
Recoded into 2 categories: ‘0’ (excellent, very good, good); ‘1’ (fair, poor)

PRHI12M Any use of prescription pain relievers to get high past 12 months

Based on pr7, recoded for total sample

PRHI12M	DESCRIPTION	CONDITION
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

See also : **ANYNMPR** – Any use of non-medical prescription pain relievers (based on items prhi12m =1 or pr3a=1 or pr3c=1 or pr3d=1 or pr3f=1).

NMOXY12M Any non-medical use of Oxycontin past 12 months

Based on oxy2

NMOXY12M	DESCRIPTION	CONDITION
0	No non-medical use of Oxycontin past 12 months	oxy2 =9
1	Used Oxycontin non-medically past 12 months	oxy2=1 through 6

DEMOGRAPHICS**AGE Age of respondent**

AGE = 2003 - Birth (year of birth)

Min:18 Max:96

AGECAT3 Age recoded in 3 categories

Based on age

AGECAT3	DESCRIPTION	CONDITON
1	18 - 34 years	age = 18 thru 34
2	35 - 54 years	age = 35 thru 54
3	55 years and older	age = 55 thru 96

AGECAT5 Age recoded in 5 categories
Based on age

AGECAT5	DESCRIPTION	CONDITION
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 and older	age = 65 thru 96

EDUCAT4 Highest level of education recoded (4 categories)
Based on sd2

EDUCAT4	DESCRIPTION	CONDITION
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 recoded (8 categories)
Based on sd6

EMPCAT8	DESCRIPTION	CONDITION
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 recoded (3 categories)

Based on sd5

MARSTAT3	DESCRIPTION	CONDITION
1	Married/ Living with partner	sd5=1,2
2	Previously married (divorced, widowed, separated)	sd5=3,4,5
3	Never married	sd5=6

LHIN Ontario's Local Health Integration Networks

In 2006, the province designated 14 geographic areas, named the Local Health Integration Networks (LHINs) of Ontario, each to function as health systems that plan, integrate and fund local health services (see <http://www.lhins.on.ca>) (see map at the end of the chapter). In the data file the LHINs were assigned at the individual-level according to the respondent's postal code.

The 14 LHIN areas are:

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

REGPH7 Public Health Planning Regions (7 regions)

Based on the item “county” and OMH Planning Regions (see below)

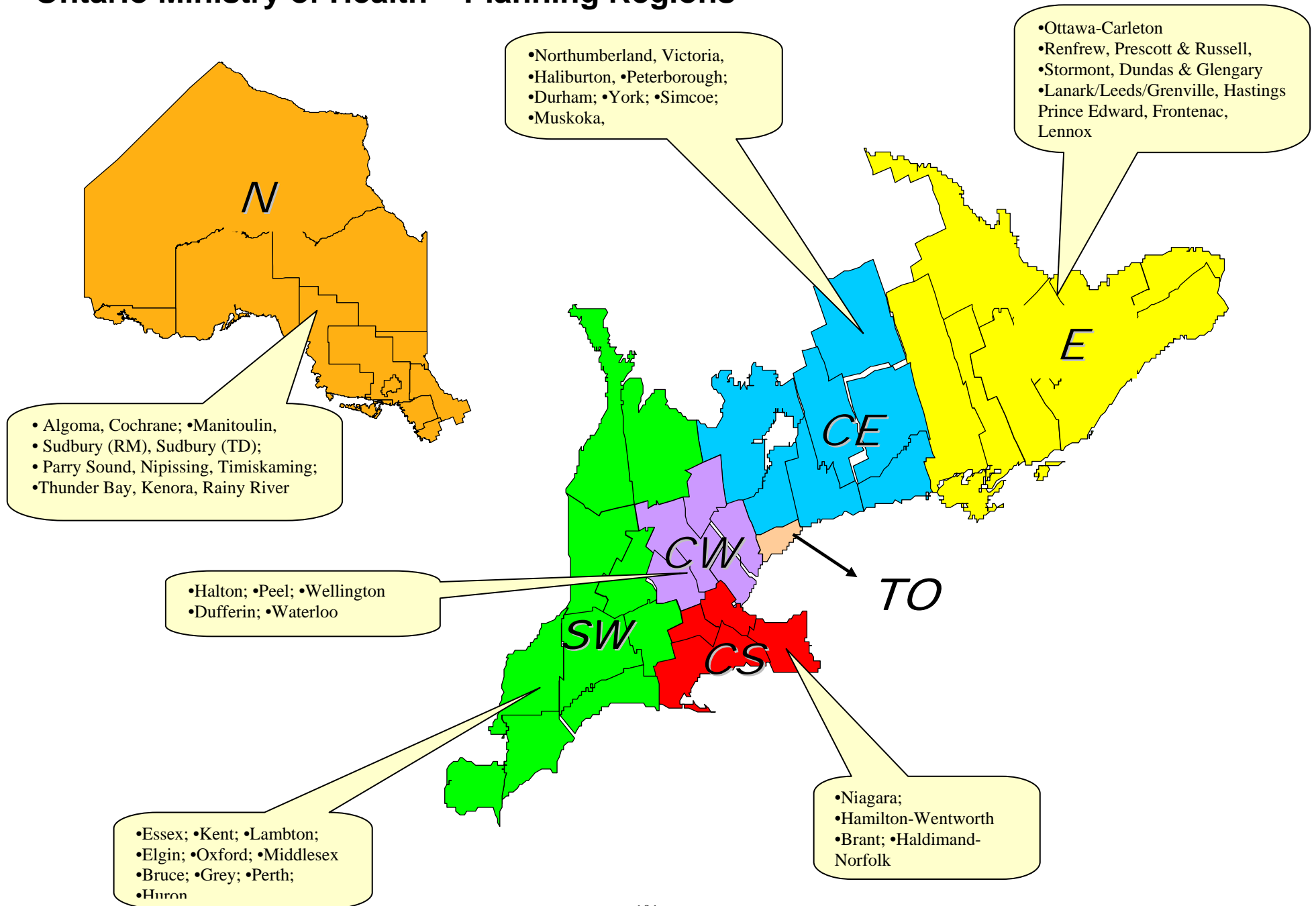
REGPH7	DESCRIPTION	CONDITION
1	Toronto	county = 20
2	Central South	county = (25 thru 29)
3	Central West	county = (21 thru 24, 30)
4	South West	county = (31 thru 42)
5	Central East	county = (14 thru 19, 43, 46)
6	Eastern Region	county = (1 thru 13, 47)
7	North	county = (44, 48 thru 60)

Ontario Ministry of Health - Planning Regions

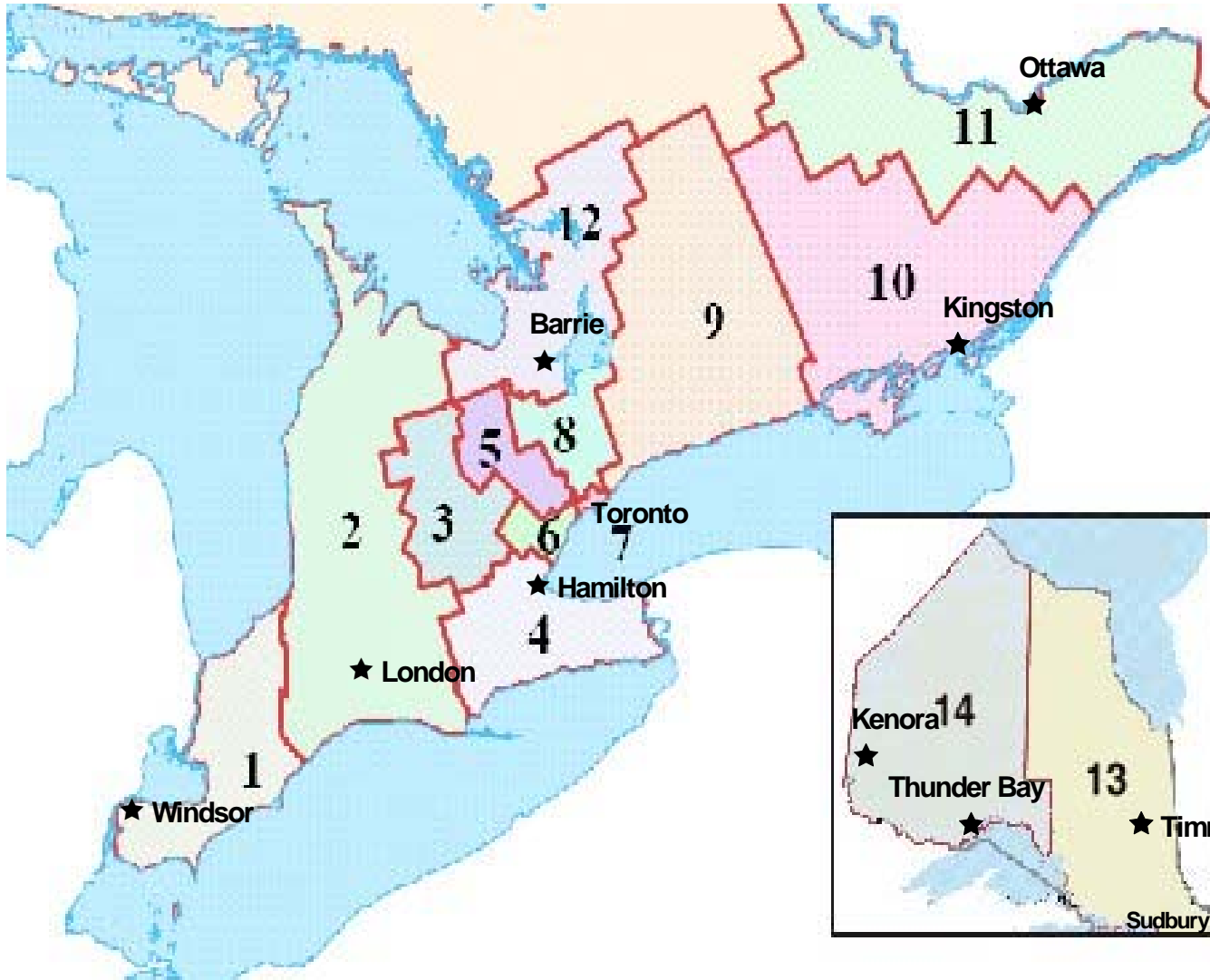
OMH Planning Region	Counties (23 Local Areas)
Toronto	
Central South	Niagara Hamilton-Wentworth Brant, Haldimand-Norfolk
Central West	Halton Peel Wellington, Dufferin Waterloo
South West	Essex Kent, Lambton Elgin, Oxford, Middlesex Bruce, Grey, Perth, Huron
Central East	Northumberland, Victoria, Haliburton, Peterborough Durham York Simcoe
Eastern Region	Ottawa-Carleton Renfrew, Prescott & Russell, Stormont, Dundas & Glengarry Lanark/Leeds/Grenville, Hastings, Prince Edward, Frontenac, Lennox & Addington
North	Algoma, Cochrane Manitoulin, Sudbury (R.M.), Sudbury (T.D.) Muskoka, Parry Sound, Nipissing, Timiskaming Thunder Bay, Kenora, Rainy River

Source: Ontario Ministry of Health. *Ontario Health Survey 1996-1997 Derived Variable Document*. Toronto: Ontario Ministry of Health, 1999.

Ontario Ministry of Health – Planning Regions



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 (past year)

HINCOME	DESCRIPTION	CONDITION
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	CONDITION
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)

Occupation: Item SD7NOCS

Main occupation codes are based on the *National Occupational Classification for Statistics (NOC-S)*. The NOC is updated in partnership with Statistics Canada according to 5 year Census cycles. It is based on extensive occupational research and consultation conducted across the country, reflecting the evolution of the Canadian labour market.

In a nutshell, the NOC is a tool that is used to classify occupations according to their skill level and skill type. A four-digit code, called the “NOC code”, identifies the occupation. Each digit of this code reflects an important trait of the occupation it represents.

The NOC breaks occupations down into 10 sectors:

0. Management Occupations
1. Business, Finance and Administration Occupations
2. Natural and Applied Sciences and Related Occupations
3. Health Occupations
4. Occupations in Social Science, Education, Government Service and Religion
5. Occupations in Art, Culture, Recreation and Sport
6. Sales and Service Occupations
7. Trades, Transport and Equipment Operators and Related Occupations
8. Occupations unique to Primary Industry
9. Occupations Unique to Processing, Manufacturing and Utilities

See the following website for more information:

<http://www5.hrsdc.gc.ca/NOC/English/NOC/2006/Welcome.aspx>

Appendix D
WHO - ASSIST

A. WHO - ASSIST V3.0

INTERVIEWER ID	<input type="text"/>	COUNTRY	<input type="text"/>	<input type="text"/>	CLINIC	<input type="text"/>
PATIENT ID	<input type="text"/>	DATE	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

INTRODUCTION *(Please read to patient)*

Thank you for agreeing to take part in this brief interview about alcohol, tobacco products and other drugs. I am going to ask you some questions about your experience of using these substances across your lifetime and in the past three months. These substances can be smoked, swallowed, snorted, inhaled, injected or taken in the form of pills (show drug card).

*Some of the substances listed may be prescribed by a doctor (like amphetamines, sedatives, pain medications). For this interview, we will **not** record medications that are used **as prescribed** by your doctor. However, if you have taken such medications for reasons **other** than prescription, or taken them more frequently or at higher doses than prescribed, please let me know. While we are also interested in knowing about your use of various illicit drugs, please be assured that information on such use will be treated as strictly confidential.*

NOTE: BEFORE ASKING QUESTIONS, GIVE ASSIST RESPONSE CARD TO PATIENT

Question 1

(if completing follow-up please cross check the patient's answers with the answers given for Q1 at baseline. Any differences on this question should be queried)

In your life, which of the following substances have you <u>ever used</u> ? <i>(NON-MEDICAL USE ONLY)</i>	No	Yes
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	3
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	3
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	3
d. Cocaine (coke, crack, etc.)	0	3
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	3
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	3
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	3
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	3
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	3
j. Other - specify:	0	3

Probe if all answers are negative:
"Not even when you were in school?"

If "No" to all items, stop interview.

If "Yes" to any of these items, ask Question 2 for each substance ever used.

Question 2

In the <u>past three months</u> , how often have you used the substances you mentioned (<i>FIRST DRUG, SECOND DRUG, ETC</i>)?	Never	Once or Twice	Monthly	Weekly	Daily or Almost Daily
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	2	3	4	6
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	2	3	4	6
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	2	3	4	6
d. Cocaine (coke, crack, etc.)	0	2	3	4	6
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	2	3	4	6
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	2	3	4	6
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	2	3	4	6
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	2	3	4	6
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	2	3	4	6
j. Other - specify:	0	2	3	4	6

If "Never" to all items in Question 2, skip to Question 6.

If any substances in Question 2 were used in the previous three months, continue with Questions 3, 4 & 5 for each substance used.

Question 3

During the <u>past three months</u> , how often have you had a strong desire or urge to use (<i>FIRST DRUG, SECOND DRUG, ETC</i>)?	Never	Once or Twice	Monthly	Weekly	Daily or Almost Daily
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	3	4	5	6
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	3	4	5	6
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	3	4	5	6
d. Cocaine (coke, crack, etc.)	0	3	4	5	6
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	3	4	5	6
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	3	4	5	6
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	3	4	5	6
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	3	4	5	6
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	3	4	5	6
j. Other - specify:	0	3	4	5	6

Question 4

During the <u>past three months</u> , how often has your use of (<i>FIRST DRUG, SECOND DRUG, ETC</i>) led to health, social, legal or financial problems?	Never	Once or Twice	Monthly	Weekly	Daily or Almost Daily
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	4	5	6	7
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	4	5	6	7
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	4	5	6	7
d. Cocaine (coke, crack, etc.)	0	4	5	6	7
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	4	5	6	7
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	4	5	6	7
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	4	5	6	7
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	4	5	6	7
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	4	5	6	7
j. Other - specify:	0	4	5	6	7

Question 5

During the <u>past three months</u> , how often have you failed to do what was normally expected of you because of your use of (<i>FIRST DRUG, SECOND DRUG, ETC</i>)?	Never	Once or Twice	Monthly	Weekly	Daily or Almost Daily
a. Tobacco products					
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	5	6	7	8
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	5	6	7	8
d. Cocaine (coke, crack, etc.)	0	5	6	7	8
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	5	6	7	8
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	5	6	7	8
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	5	6	7	8
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	5	6	7	8
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	5	6	7	8
j. Other - specify:	0	5	6	7	8

Ask Questions 6 & 7 for all substances ever used (i.e. those endorsed in Question 1)

Question 6

Has a friend or relative or anyone else <u>ever</u> expressed concern about your use of <i>(FIRST DRUG, SECOND DRUG, ETC.)?</i>	No, Never	Yes, in the past 3 months	Yes, but not in the past 3 months
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	6	3
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	6	3
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	6	3
d. Cocaine (coke, crack, etc.)	0	6	3
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	6	3
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	6	3
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	6	3
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	6	3
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	6	3
j. Other – specify:	0	6	3

Question 7

Have you <u>ever</u> tried and failed to control, cut down or stop using <i>(FIRST DRUG, SECOND DRUG, ETC.)?</i>	No, Never	Yes, in the past 3 months	Yes, but not in the past 3 months
a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)	0	6	3
b. Alcoholic beverages (beer, wine, spirits, etc.)	0	6	3
c. Cannabis (marijuana, pot, grass, hash, etc.)	0	6	3
d. Cocaine (coke, crack, etc.)	0	6	3
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)	0	6	3
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)	0	6	3
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)	0	6	3
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)	0	6	3
i. Opioids (heroin, morphine, methadone, codeine, etc.)	0	6	3
j. Other – specify:	0	6	3

Question 8

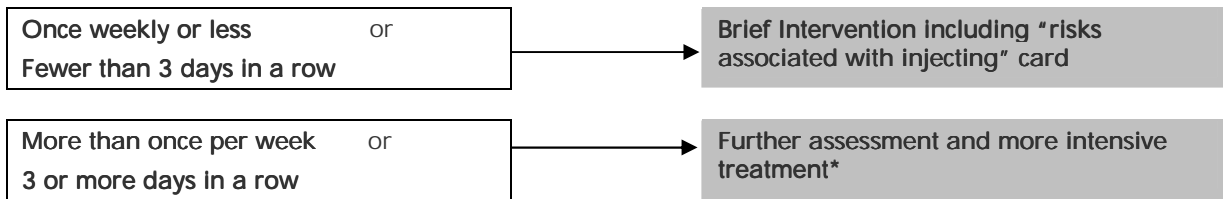
	No, Never	Yes, in the past 3 months	Yes, but not in the past 3 months
Have you <u>ever</u> used any drug by injection? (NON-MEDICAL USE ONLY)	0	2	1

IMPORTANT NOTE:

Patients who have injected drugs in the last 3 months should be asked about their pattern of injecting during this period, to determine their risk levels and the best course of intervention.

PATTERN OF INJECTING

INTERVENTION GUIDELINES



HOW TO CALCULATE A SPECIFIC SUBSTANCE INVOLVEMENT SCORE.

For each substance (labelled a. to j.) add up the scores received for questions 2 through 7 inclusive. Do not include the results from either Q1 or Q8 in this score. For example, a score for cannabis would be calculated as: **Q2c + Q3c + Q4c + Q5c + Q6c + Q7c**

Note that Q5 for tobacco is not coded, and is calculated as: **Q2a + Q3a + Q4a + Q6a + Q7a**

THE TYPE OF INTERVENTION IS DETERMINED BY THE PATIENT'S SPECIFIC SUBSTANCE INVOLVEMENT SCORE

	Record specific substance score	no intervention	receive brief intervention	more intensive treatment *
a. tobacco		0 - 3	4 - 26	27+
b. alcohol		0 - 10	11 - 26	27+
c. cannabis		0 - 3	4 - 26	27+
d. cocaine		0 - 3	4 - 26	27+
e. amphetamine		0 - 3	4 - 26	27+
f. inhalants		0 - 3	4 - 26	27+
g. sedatives		0 - 3	4 - 26	27+
h. hallucinogens		0 - 3	4 - 26	27+
i. opioids		0 - 3	4 - 26	27+
j. other drugs		0 - 3	4 - 26	27+

NOTE: *FURTHER ASSESSMENT AND MORE INTENSIVE TREATMENT may be provided by the health professional(s) within your primary care setting, or, by a specialist drug and alcohol treatment service when available.

B. WHO ASSIST V3.0 RESPONSE CARD FOR PATIENTS

Response Card - substances

a. Tobacco products (cigarettes, chewing tobacco, cigars, etc.)
b. Alcoholic beverages (beer, wine, spirits, etc.)
c. Cannabis (marijuana, pot, grass, hash, etc.)
d. Cocaine (coke, crack, etc.)
e. Amphetamine type stimulants (speed, diet pills, ecstasy, etc.)
f. Inhalants (nitrous, glue, petrol, paint thinner, etc.)
g. Sedatives or Sleeping Pills (Valium, Serepax, Rohypnol, etc.)
h. Hallucinogens (LSD, acid, mushrooms, PCP, Special K, etc.)
i. Opioids (heroin, morphine, methadone, codeine, etc.)
j. Other - specify:

Response Card (ASSIST Questions 2 – 5)

Never: not used in the last 3 months

Once or twice: 1 to 2 times in the last 3 months.

Monthly: 1 to 3 times in one month.

Weekly: 1 to 4 times per week.

Daily or almost daily: 5 to 7 days per week.

Response Card (ASSIST Questions 6 to 8)

No, Never

Yes, but not in the past 3 months

Yes, in the past 3 months

C. ALCOHOL, SMOKING AND SUBSTANCE INVOLVEMENT SCREENING TEST (WHO ASSIST V3.0) FEEDBACK REPORT CARD FOR PATIENTS

Name _____ Test Date _____

Specific Substance Involvement Scores

Substance	Score	Risk Level
a. Tobacco products		0-3 Low 4-26 Moderate 27+ High
b. Alcoholic Beverages		0-10 Low 11-26 Moderate 27+ High
c. Cannabis		0-3 Low 4-26 Moderate 27+ High
d. Cocaine		0-3 Low 4-26 Moderate 27+ High
e. Amphetamine type stimulants		0-3 Low 4-26 Moderate 27+ High
f. Inhalants		0-3 Low 4-26 Moderate 27+ High
g. Sedatives or Sleeping Pills		0-3 Low 4-26 Moderate 27+ High
h. Hallucinogens		0-3 Low 4-26 Moderate 27+ High
i. Opioids		0-3 Low 4-26 Moderate 27+ High
j. Other - specify		0-3 Low 4-26 Moderate 27+ High

What do your scores mean?

- Low:** You are at low risk of health and other problems from your current pattern of use.
- Moderate:** You are at risk of health and other problems from your current pattern of substance use.
- High:** You are at high risk of experiencing severe problems (health, social, financial, legal, relationship) as a result of your current pattern of use and are likely to be dependent

Are you concerned about your substance use?

a. tobacco	Your risk of experiencing these harms is:.....	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
	(tick one)			
Regular tobacco smoking is associated with:				
	Premature aging, wrinkling of the skin			
	Respiratory infections and asthma			
	High blood pressure, diabetes			
	Respiratory infections, allergies and asthma in children of smokers			
	Miscarriage, premature labour and low birth weight babies for pregnant women			
	Kidney disease			
	Chronic obstructive airways disease			
	Heart disease, stroke, vascular disease			
	Cancers			

b. alcohol	Your risk of experiencing these harms is:.....	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
	(tick one)			
Regular excessive alcohol use is associated with:				
	Hangovers, aggressive and violent behaviour, accidents and injury			
	Reduced sexual performance, premature ageing			
	Digestive problems, ulcers, inflammation of the pancreas, high blood pressure			
	Anxiety and depression, relationship difficulties, financial and work problems			
	Difficulty remembering things and solving problems			
	Deformities and brain damage in babies of pregnant women			
	Stroke, permanent brain injury, muscle and nerve damage			
	Liver disease, pancreas disease			
	Cancers, suicide			

c. cannabis	Your risk of experiencing these harms is:.....	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
	(tick one)			
Regular use of cannabis is associated with:				
	Problems with attention and motivation			
	Anxiety, paranoia, panic, depression			
	Decreased memory and problem solving ability			
	High blood pressure			
	Asthma, bronchitis			
	Psychosis in those with a personal or family history of schizophrenia			
	Heart disease and chronic obstructive airways disease			
	Cancers			

d. cocaine	Your risk of experiencing these harms is:....	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
	(tick one)			
Regular use of cocaine is associated with:				
	Difficulty sleeping, heart racing, headaches, weight loss			
	Numbness, tingling, clammy skin, skin scratching or picking			
	Accidents and injury, financial problems			
	Irrational thoughts			
	Mood swings - anxiety, depression, mania			
	Aggression and paranoia			
	Intense craving, stress from the lifestyle			
	Psychosis after repeated use of high doses			
	Sudden death from heart problems			

e. amphetamine type stimulants	Your risk of experiencing these harms is:.....	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
	(tick one)			
Regular use of amphetamine type stimulants is associated with:				
	Difficulty sleeping, loss of appetite and weight loss, dehydration			
	jaw clenching, headaches, muscle pain			
	Mood swings -anxiety, depression, agitation, mania, panic, paranoia			
	Tremors, irregular heartbeat, shortness of breath			
	Aggressive and violent behaviour			
	Psychosis after repeated use of high doses			
	Permanent damage to brain cells			
	Liver damage, brain haemorrhage, sudden death (ecstasy) in rare situations			

f. inhalants	Your risk of experiencing these harms is:.....	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
	(tick one)			
Regular use of inhalants is associated with:				
	Dizziness and hallucinations, drowsiness, disorientation, blurred vision			
	Flu like symptoms, sinusitis, nosebleeds			
	Indigestion, stomach ulcers			
	Accidents and injury			
	Memory loss, confusion, depression, aggression			
	Coordination difficulties, slowed reactions, hypoxia			
	Delirium, seizures, coma, organ damage (heart, lungs, liver, kidneys)			
	Death from heart failure			

g. sedatives	Your risk of experiencing these harms is: Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular use of sedatives is associated with:
	Drowsiness, dizziness and confusion
	Difficulty concentrating and remembering things
	Nausea, headaches, unsteady gait
	Sleeping problems
	Anxiety and depression
	Tolerance and dependence after a short period of use.
	Severe withdrawal symptoms
	Overdose and death if used with alcohol, opioids or other depressant drugs.

h. hallucinogens	Your risk of experiencing these harms is:..... Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular use of hallucinogens is associated with:
	Hallucinations (pleasant or unpleasant) – visual, auditory, tactile, olfactory
	Difficulty sleeping
	Nausea and vomiting
	Increased heart rate and blood pressure
	Mood swings
	Anxiety, panic, paranoia
	Flash-backs
	Increase the effects of mental illnesses such as schizophrenia

i. opioids	Your risk of experiencing these harms is: Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> (tick one)
	Regular use of opioids is associated with:
	Itching, nausea and vomiting
	Drowsiness
	Constipation, tooth decay
	Difficulty concentrating and remembering things
	Reduced sexual desire and sexual performance
	Relationship difficulties
	Financial and work problems, violations of law
	Tolerance and dependence, withdrawal symptoms
	Overdose and death from respiratory failure

D. RISKS OF INJECTING CARD – INFORMATION FOR PATIENTS

Using substances by injection increases the risk of harm from substance use.

This harm can come from:

- **The substance**
 - If you inject any drug you are more likely to become dependent.
 - If you inject amphetamines or cocaine you are more likely to experience psychosis.
 - If you inject heroin or other sedatives you are more likely to overdose.
- **The injecting behaviour**
 - If you inject you may damage your skin and veins and get infections.
 - You may cause scars, bruises, swelling, abscesses and ulcers.
 - Your veins might collapse.
 - If you inject into the neck you can cause a stroke.
- **Sharing of injecting equipment**
 - If you share injecting equipment (needles & syringes, spoons, filters, etc.) you are more likely to spread blood borne virus infections like Hepatitis B, Hepatitis C and HIV.
- ❖ **It is safer not to inject**
- ❖ **If you do inject:**
 - ✓ always use clean equipment (e.g., needles & syringes, spoons, filters, etc.)
 - ✓ always use a new needle and syringe
 - ✓ don't share equipment with other people
 - ✓ clean the preparation area
 - ✓ clean your hands
 - ✓ clean the injecting site
 - ✓ use a different injecting site each time
 - ✓ inject slowly
 - ✓ put your used needle and syringe in a hard container and dispose of it safely
- ❖ **If you use stimulant drugs like amphetamines or cocaine the following tips will help you reduce your risk of psychosis.**
 - ✓ avoid injecting and smoking
 - ✓ avoid using on a daily basis
- ❖ **If you use depressant drugs like heroin the following tips will help you reduce your risk of overdose.**
 - ✓ avoid using other drugs, especially sedatives or alcohol, on the same day
 - ✓ use a small amount and always have a trial "taste" of a new batch
 - ✓ have someone with you when you are using
 - ✓ avoid injecting in places where no-one can get to you if you do overdose
 - ✓ know the telephone numbers of the ambulance service

E. TRANSLATION AND ADAPTATION TO LOCAL LANGUAGES AND CULTURE: A RESOURCE FOR CLINICIANS AND RESEARCHERS

The ASSIST instrument, instructions, drug cards, response scales and resource manuals may need to be translated into local languages for use in particular countries or regions. Translation from English should be as direct as possible to maintain the integrity of the tools and documents. However, in some cultural settings and linguistic groups, aspects of the ASSIST and its companion documents may not be able to be translated literally and there may be socio-cultural factors that will need to be taken into account in addition to semantic meaning. In particular, substance names may require adaptation to conform to local conditions, and it is also worth noting that the definition of a standard drink may vary from country to country.

Translation should be undertaken by a bi-lingual translator, preferably a health professional with experience in interviewing. For the ASSIST instrument itself, translations should be reviewed by a bi-lingual expert panel to ensure that the instrument is not ambiguous. Back translation into English should then be carried out by another independent translator whose main language is English to ensure that no meaning has been lost in the translation. This strict translation procedure is critical for the ASSIST instrument to ensure that comparable information is obtained wherever the ASSIST is used across the world.

Translation of this manual and companion documents may also be undertaken if required. These do not need to undergo the full procedure described above, but should include an expert bi-lingual panel.

Before attempting to translate the ASSIST and related documents into other languages, interested individuals should consult with the WHO about the procedures to be followed and the availability of other translations. Write to the Department of Mental Health and Substance Dependence, World Health Organisation, 1211 Geneva 27, Switzerland.