

# International Cannabis Policy Study

**USER GUIDE & CODE BOOK  
WAVE 1 (2018)**



## FUNDING

FUNDING FOR THIS STUDY WAS PROVIDED BY A CANADIAN INSTITUTES OF HEALTH RESEARCH (CIHR) PROJECT BRIDGE GRANT (PJT-153342) AND A CIHR PROJECT GRANT. ADDITIONAL SUPPORT WAS PROVIDED BY A PUBLIC HEALTH AGENCY OF CANADA-CIHR CHAIR IN APPLIED PUBLIC HEALTH (HAMMOND).

## SUGGESTED CITATION

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## CONTACT

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# PUBLICATION AND AUTHORSHIP GUIDELINES

## OVERVIEW

The goal of the publication guidelines is to maximize the use of study data and to promote collaboration. Because the project has several investigators across different institutions, we need to ensure that paper-writing activities are coordinated and as inclusive as possible. The following are basic principles of the guidelines:

- Encourage 'new' collaborations and opportunities for graduate students and other trainees;
- Ensure consistent reporting standards and methodological descriptions;
- Avoid duplication or unnecessary overlap across papers;
- Provide analytical support where necessary; and,
- Reflect contributions of existing investigators to the project.

## PROPOSAL FORM FOR PAPERS & PRESENTATIONS

Prior to preparing any papers or presentations, the lead author must submit a proposal form to Samantha Goodman, Project Manager ([samantha.goodman@uwaterloo.ca](mailto:samantha.goodman@uwaterloo.ca)). The proposal form will be reviewed and approved by the Principal Investigator (Hammond) and Project Manager (Goodman). The objective is to make this process as efficient and inclusive as possible.

The lead investigator in each country will have the opportunity to review proposals using data from their country and to indicate their interest in contributing to the paper. Individual investigators who have substantially contributed to developing content in a particular area will have priority in leading papers in that content area. If they do not wish to lead the paper, they should be included as a co-author, assuming they meet other criteria for authorship described below.

## LIST OF EXISTING PAPERS AND PRESENTATIONS

A list of existing proposals, papers and presentations are available at <http://cannabisproject.ca/researchers/> (password: icps\*2018). Please consult the list before submitting a proposal form.

## DATA ACCESS AND STORAGE

Upon approval of the proposal, a dataset will be provided to the Lead Author as a password-protected file through a secure file transfer service. The file should remain password-protected and be stored on a password-protected computer. Datasets should not be emailed or stored on cloud storage (e.g., Dropbox, OneDrive, Google Drive). The default dataset file type is SPSS; requests for other file types may be accommodated.

## **AUTHORSHIP GUIDELINES**

### **USING DATA FROM OTHER COUNTRIES**

While any investigator can initiate and lead papers and presentations, as a general rule, the lead investigator in each country will have the opportunity to review proposals using data from their country and to indicate their interest in contributing to the paper.

### **LEAD AUTHOR**

All papers must have a lead author. The lead author must have sufficient seniority to assume responsibility for the paper. The lead would typically be the first author, except in the case where graduate students or research assistants are the first author, in which case the lead may be their supervisor or another faculty member. The lead author will act as guarantor for the paper where a journal requires it. The lead author will also be the primary point of contact for the research team and the person who should be approached by other members of the team wishing to be co-authors. The lead author is also responsible for updating the research team on the status of papers and presentations.

### **FIRST AUTHOR**

This is the first listed person on a submitted paper. We encourage graduate students and trainees to be listed as first authors, where applicable. The first author should be identified by the lead author (if different) on the proposal form, but may be conditional on the quality of the completed work.

### **LAST AUTHOR**

The Principal Investigator (Hammond) should be listed on all papers, assuming authorship criteria below are met, and will generally be listed as the last author.

### **CRITERIA FOR AUTHORSHIP**

The authorship criteria are informed by the October 2008 *Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication* of the International Committee of Medical Journal Editors (ICMJE). Because the majority of papers arising from the project will be submitted to biomedical journals (which include public health and health behaviour journals), the criteria are designed to be consistent with the ICMJE criteria:

<http://www.icmje.org/recommendations/browse/roles-and-responsibilities/defining-the-role-of-authors-and-contributors.html>.

## **ANALYTICAL SUPPORT**

Analytical support is available upon request, including advice on statistical models and review of statistical output.

## **ACKNOWLEDGEMENTS**

Those whose contributions do not justify authorship may be acknowledged individually or together as a group, and their contributions should be specified. The lead author should obtain permission from all individuals listed in the Acknowledgements.

All papers and presentations must acknowledge the study funders using the following statement:

*Funding for this study was provided by a Canadian Institutes of Health Research (CIHR) Project Bridge Grant (PJT-153342) and a CIHR Project Grant. Additional support was provided by a Public Health Agency of Canada-CIHR Chair in Applied Public Health (Hammond).*

Funding acknowledgements should also indicate any additional funding provided to co-authors.

## **CONFLICTS OF INTEREST & INDUSTRY FUNDING**

All authors should declare relevant conflicts of interest. The study has no affiliations with the cannabis industry. No industry funding has been accepted as part of this project and it is a general policy of the project that authors should not accept industry funding for any work directly related to this project. (This does not preclude an author from accepting industry funding for work unrelated to the project.) If you have any questions or would like to clarify any conflicts of interest, please contact the Principal Investigator (Hammond).

## **REPORTING METHODS & LIMITATIONS**

Please use the following descriptions in the methods/data analysis and limitation sections of manuscripts:

### **METHODS**

Data are from Wave 1 of the International Cannabis Policy Study<sup>1</sup>, conducted in Canada and the United States. Data were collected via self-completed web-based surveys conducted from August 27-October 7, 2018 with respondents aged 16-65. Respondents were recruited through the Nielsen Consumer Insights Global Panel and their partners' panels. Email invitations (with a unique link) were sent to a random sample of panelists (after targeting for age and country criteria); panelists known to be ineligible were not invited. Surveys were conducted in English in the United States and English or French in Canada. Median survey time was 19.9 minutes.

Respondents provided consent prior to completing the survey. Respondents received remuneration in accordance with their panel's usual incentive structure (e.g., points-based or monetary rewards, chances to win prizes). The study was reviewed by and received ethics clearance through a University of Waterloo Research Ethics Committee (ORE# 22392/31330). A full description of the study methods can be found in the International Cannabis Policy Study: Technical Report – Wave 1 (2018)<sup>2</sup>.

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<sup>1</sup> Hammond D, Goodman S, Leos-Toro C, Wadsworth E, Reid JL, Hall W, Pacula R, Driezen P, George T, Rehm J, Werb D, Boudreau C, Porath A, Abramovici H, Elliott R. International Cannabis Policy Study Wave 1 Survey (2018). August 2018. Available at: <http://cannabisproject.ca/methods/>

<sup>2</sup> Goodman S, Hammond D. International Cannabis Policy Study: Technical Report – Wave 1 (2018). University of Waterloo. April 2019. Available at <http://cannabisproject.ca/methods/>



## DATA ANALYSIS

A total of 28,471 respondents completed the survey. After removing respondents with invalid responses to data quality questions, ineligible country of residence, smartphone use, or residence in District of Columbia (due to inadequate sample size) (n=1,302), 27,169 respondents were retained in the analytic sample. A sub-sample of *[insert n]* were included in the current analysis after excluding respondents with missing data *[expand as needed]*.

Post-stratification sample weights were constructed based on the Canadian and US Census estimates. Respondents from Canada were classified into age-by-sex-by-province and education groups. Respondents from the US legal states were classified into age-by-sex-by-legal state, education, and region-by-race groups, while those from the illegal states were classified into age-by-sex, education, and region-by-race groups. Correspondingly grouped population count and proportion estimates were obtained from Statistics Canada<sup>3,4</sup> and the US Census Bureau.<sup>5,6</sup> A raking algorithm was applied to the full analytic sample (n=27,169) to compute weights that were calibrated to these groupings. Weights were rescaled to the sample size for Canada, US illegal states and US legal states. Estimates are weighted unless otherwise specified. All models were adjusted for age, sex, education, ethnicity *[or visible minority status]*, and *[insert other variables as applicable]*. Analyses were conducted using *[insert software package]*.

## LIMITATIONS

This study is subject to limitations common to survey research. Respondents were recruited using non-probability-based sampling; therefore, the findings do not provide nationally representative estimates. The data were weighted by age group, sex, and region in both countries, and region-by-race in the US. However, the study sample was somewhat more highly educated than the national population in the US. In both countries, the ICPS sample had poorer self-reported general health compared to the national population, which is a feature of many non-probability samples,<sup>7</sup> and may be partly due to the use of web surveys, which provide greater perceived anonymity than in-person or telephone-assisted interviews often used in national surveys.<sup>8</sup> The rates of cannabis use were also somewhat higher than some national estimates; however, this is likely due to the fact that the ICPS sampled individuals aged 16–65 whereas the national surveys included older adults, who may have lower rates of cannabis use. The ICPS is also conducted online, whereas most national surveys are conducted in person. Compared to interviewer-assisted survey modes, self-administered

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<sup>3</sup> Statistics Canada. Table 17-10-0005-01 Population estimates on July 1st, by age and sex, 2017. Available at: <https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1710000501>

<sup>4</sup> Statistics Canada, 2016 Census of Population, Statistics Canada Catalogue no. 98-400-X2016242. Highest Certificate, Diploma or Degree. Available at: <https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/dt-td/Rp-eng.cfm?LANG=E&APATH=3&DETAIL=0&DIM=0&FL=A&FREE=0&GC=0&GID=0&GK=0&GRP=1&PID=110634&PRID=10&PTYPE=109445&S=0&SHOWALL=0&SUB=0&Temporal=2017&THEME=123&VID=0&VNAMEE=&VNAMEF>

<sup>5</sup> U.S. Census Bureau, Population Division. Annual State Resident Population Estimates for 6 Race Groups (5 Race Alone Groups and Two or More Races) by Age, Sex, and Hispanic Origin: April 1, 2010 to July 1, 2017. File: 7/1/2017 State Characteristics Population Estimates Release Date: June 2018. Available at: <https://www.census.gov/data/datasets/2017/demo/popest/state-detail.html>

<sup>6</sup> U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates. Available at: [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_17\\_5YR\\_S1501&src=pt](https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1501&src=pt)

<sup>7</sup> Fahimi M, Barlas FM, Thomas RK. American Association for Public Opinion Research (AAPOR). A Practical Guide for Surveys Based on Nonprobability Samples. Webinar; 13 February 2018.

<sup>8</sup> Hays RD, Liu H, Kapteyn A. Use of Internet panels to conduct surveys. *Behav Res*, 2015; 47: 685–690. DOI 10.3758/s13428-015-0617-9

surveys can reduce social desirability bias by providing greater anonymity for sensitive topics, including substance use.<sup>9,10</sup>

## ANALYSIS NOTES

### SURVEY WEIGHTS

Post-stratification sample weights were constructed based on the Canadian and US Census estimates. Respondents from Canada were classified into age-by-sex-by-province and education groups. Respondents from the US legal states were classified into age-by-sex-by-legal state, education, and region-by-race groups, while those from the illegal states were classified into age-by-sex, education, and region-by-race groups. Correspondingly grouped population count and proportion estimates were obtained from Statistics Canada<sup>11,12</sup> and the U.S. Census Bureau.<sup>13,14</sup> Separately for Canada, US legal states, and US illegal states, a raking algorithm was applied to the full analytic sample (n=27,169) to compute weights that were calibrated to these groupings. Weights were rescaled to the sample size for Canada, US legal states and US illegal states.

Sample characteristic tables should include both weighted and unweighted values. All analyses should be weighted and analyses using US data should be stratified by legal status. In addition, a 'region' rescaled weight is provided that has been rescaled to the sample size in each province and each US legal state. These weights should be used in analyses that report estimates from individual provincial or states. (See Codebook below for additional explanation.) For those particularly interested in producing national-level estimates for the US (i.e. combining 'legal' and 'illegal' states), please contact the PI (Hammond) for additional weighting information.

### CANNABIS USE STATUS

As a default, when reporting cannabis use status in sample tables, please use the variable CANNABIS\_USE\_STATUS\_DV. Researchers may wish to recode or use different categories for cannabis use depending on the analysis.

### COVARIATES

All statistical models should be adjusted for the following covariates:

1. Age continuous (AGE) or Age group (AGE\_GROUPS\_DV);
2. Sex (SEX\_BIRTH);
3. Education (EDUCATION\_DV); and
4. Ethnicity (ETHNICITY\_BINARY\_DV) or visible minority status (VISIBLE\_MINORITY\_DV).

**Note:** for analyses that only involve Canadian data, researchers may wish to adjust for

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<sup>9</sup> Dodou D, de Winter J. Social desirability is the same in offline, online, and paper surveys: A meta-analysis. *Computers in Human Behavior*; 2014, 36, 487-495. doi: 10.1016/j.chb.2014.04.005.

<sup>10</sup> Krumpal I. Determinants of social desirability bias in sensitive surveys: a literature review. *Quality & Quantity*; 2013, 47(4), 2025-2047. doi: 10.1007/s11135-011-9640-9

<sup>11</sup> Statistics Canada. Table 17-10-0005-01 Population estimates on July 1st, by age and sex, 2017. Available at: <https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1710000501>

<sup>12</sup> Statistics Canada, 2016 Census of Population, Statistics Canada Catalogue no. 98-400-X2016242. Highest Certificate, Diploma or Degree. Available at: <https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/dt-td/Rp-eng.cfm?LANG=E&APATH=3&DETAIL=0&DIM=0&FL=A&FREE=0&GC=0&GID=0&GK=0&GRP=1&PID=110634&PRID=10&PTYPE=109445&S=0&SHO WALL=0&SUB=0&Temporal=2017&THEME=123&VID=0&VNAMEE=&VNAMEF>

<sup>13</sup> U.S. Census Bureau, Population Division. Annual State Resident Population Estimates for 6 Race Groups (5 Race Alone Groups and Two or More Races) by Age, Sex, and Hispanic Origin: April 1, 2010 to July 1, 2017. File: 7/1/2017 State Characteristics Population Estimates Release Date: June 2018 <https://www.census.gov/data/datasets/2017/demo/popest/state-detail.html>

<sup>14</sup> U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates. Available at: [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_17\\_5YR\\_S1501&src=pt](https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1501&src=pt)

ethnicity (ETHNICITY\_CANADA\_DV). For analyses that only involve data from the USA, researchers may wish to adjust for the following covariates: ethnicity (6-category variable; ETHNICITY\_USA\_6CAT\_DV) or ethnicity (8-category variable that accounts for Hispanic and non-Hispanic White status; ETHNICITY\_USA\_DV) or Hispanic status (HISPANIC\_USA).

### **ANALYSES USING DATA FROM MULTIPLE CONDITIONS**

Any differences reported across countries should be adjusted for age/age group, sex, education and visible minority status. Models that compare across the three study conditions – Canada, US ‘legal’ states, and US ‘illegal’ states – should use the variable CONDITION\_DV, which can be used to test the ‘main’ effect of study condition on outcomes and to test two-way interactions with selected variables.



## CODEBOOK

### Note:

Variables shaded in pink are the introduction to questions comprising multiple variables.

Variables shaded in blue are derived variables. *Please use **derived variables** wherever they are present, as open-ended responses to “Other: please specify” have been recoded and inconsistent usage patterns have been corrected.*

Variables shaded in grey are ‘interim’ variables used to make the final derived variables, or are internal variables provided by Nielsen.

Variables shaded in green require special permission for data access.

## STUDY INFORMATION & INFORMED CONSENT

Variable Name	Question	Values
<b>RECORD</b> <b>DELETED IN W2</b>	<b>Record number</b>	[numeric]
<b>UUID</b> <b>DELETED IN W2</b>	<b>Respondent identifier</b>	[string]
<b>START_DATE</b>	<b>Survey start time and date</b>	[date and time]

<b>END_DATE</b>	<b>Survey completion time and date</b>	[date and time]
<b>WEIGHT_RESC</b>	<p><b>Rescaled weight - both countries</b></p> <p><i>[most analyses will use this weight]</i></p> <p><i>Rescaled weights are the inflation weights scaled back to the sample size of Canada, the US legal states as a group, and the US illegal states as a group.</i></p> <p><b>When to use:</b></p> <ul style="list-style-type: none"> <li>• <i>For proportion/mean estimates at the Canada level or the US legal/illegal level (that is, to compare all legal states as a group to all illegal states as a group)</i></li> <li>• <i>For models using COUNTRY or CONDITION_DV (where respondents will contribute in proportion to their provincial or legal state populations)</i></li> </ul> <p><i>*Note: In Canada, these weights are proportional to provincial populations. In US 'legal' states, they are proportional to 'legal' state populations. In US 'illegal' states, they remain proportional to 'illegal' state sample sizes.</i></p>	[numeric]
<b>WEIGHT_RESC_REGION</b>	<p><b>Rescaled regional weight - Canadian provinces and US legal states</b></p> <p><i>Rescaled regional weights are the inflation weights scaled back to the sample size of each Canadian</i></p>	[numeric]

	<p>province or US legal state. For US illegal states, we have carried over the value from WEIGHT_RESC.</p> <p><b>When to use:</b></p> <ul style="list-style-type: none"> <li>• For Canadian <u>province</u>- or US <u>legal state</u>-specific proportion/mean estimates</li> <li>• For models using PROVINCE_CANADA or STATE_US (where respondents will contribute in proportion to their provincial or legal state samples)</li> </ul> <p>*Note that weights have not been created to represent the age-sex distribution of any US illegal state. Please contact the PI if you wish to conduct analyses for specific US 'illegal' states.</p>	
WEIGHT_INFL	<p><b>Inflation weight – both countries</b> [available upon request]</p> <p><i>Inflation weights are the <u>number of population members represented by the respondent</u> (e.g. 'This represents 20,000 Canadians...'). They will total to the total population.</i></p> <p><b>When to use:</b></p> <p><i>For <u>count</u> estimates when presenting data by condition (Canada, US illegal states, US legal states)</i></p>	[numeric]
WEIGHT_US_NATIONAL MODIFIED IN W2	<p><b>US national inflation weight, rescaled</b></p> <p><i>To be used for producing national estimates of proportions for the US in SPSS. These weights maintain the population proportions between the</i></p>	[numeric]

	<i>legal and illegal states. Rescaled back to sample size for US as a whole.</i>	
<b>WEIGHT_CAN_NATIONAL</b> <b>MODIFIED IN W2</b>	<b>Canada national inflation weight, rescaled</b>  <i>This is the same as WEIGHT_RESC for Canada as a whole.</i>	[numeric]
<b>WEIGHT_NATIONAL</b> <b>MODIFIED IN W2</b>	<b>National inflation weights, rescaled</b>  <i>This weight is to be used when comparing Canada as a whole to the USA as a whole. It is derived from WEIGHT_US_NATIONAL and WEIGHT_CAN_NATIONAL.</i>	[numeric]
<b>MOBILE_DEVICE</b> <b>DELETED IN W2</b>	<b>Mobile device category</b>  Note: ICPS main sample includes tablets & desktops only.  Yukon & NW Territories sample: No devices have been excluded; analyses should adjust for mobile device.	1= Smartphone 2= Feature phone 3= Tablet 4= Other mobile 5= Desktop
<b>SURVEY_TIME</b>	<b>Total survey time (seconds)</b>	[numeric]

<b>COUNTRY</b>	<p><b>What country do you currently live in?</b></p> <p>IF COUNTRY=3 (Other), individual is disqualified. Mandatory question.</p>	<p>1= Canada</p> <p>2= USA</p> <p>3= Other</p>
<b>AGE</b>	<p><b>How old are you today?</b></p> <p>IF AGE&lt;16 OR &gt;65; individual is disqualified. UNIVERSE: ALL. <i>Mandatory question.</i></p>	[numeric]
<b>AGE_GROUPS_DV</b>	<p><b>Age in categories.</b></p>	<p>1= 16-25</p> <p>2= 26-35</p> <p>3= 36-45</p> <p>4= 46-55</p> <p>5= 56-65</p>
<b>CONSENT</b>	<p><b>Based on the information you received, do you agree to take part in this research study being conducted by Professor David Hammond of the University of Waterloo?</b></p> <p>IF CONSENT=2, individual is disqualified. UNIVERSE: ALL. <i>Mandatory question.</i></p>	<p>1= Yes</p> <p>2= No</p>

## SOCIODEMOGRAPHIC QUESTIONS

Variable	Question	Values
SEX_BIRTH	<p><b>What sex were you assigned at birth, on your original birth certificate? (We'll ask you about what gender you identify with later.)</b></p>	<p>1= Female  2= Male  -77=Don't know  -88=Refuse to answer</p>
SEX_BIRTH_1	<p>IF SEX.BIRTH= -77 or -88, display text:  <b>Unfortunately, we need to know your sex to determine your eligibility for the study. Would you like to answer this question?</b></p>	<p>1= Yes [user taken back to SEX_BIRTH]  2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [END SURVEY]</p>
PROVINCE_CANADA	<p><b>Which province or territory do you currently live in?</b></p> <p>UNIVERSE: COUNTRY=1 (CANADA)</p>	<p>1=British Columbia  2=Alberta  3=Saskatchewan  4=Manitoba  5=Ontario  6=Quebec  7=New Brunswick</p>



		<p>8=Nova Scotia</p> <p>9=Prince Edward Island</p> <p>10=Newfoundland &amp; Labrador</p> <p>11=Yukon</p> <p>12=Northwest Territories</p> <p>13=Nunavut</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>PROVINCE_CANADA_1</b>	<p>IF PROVINCE.CANADA= -77 or -88, display text:</p> <p><b>This question is required if you would like to participate in the survey. Are you willing to provide an answer?</b></p>	<p>1= Yes [User taken back to PROVINCE_CANADA]</p> <p>2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [END SURVEY]</p>
<b>STATE_US</b>	<b>What state do you currently live in?</b>	<p>1= Alabama</p> <p>2= Alaska</p> <p>3= Arizona</p> <p>4= Arkansas</p>

	<p>UNIVERSE: COUNTRY=2 (USA)</p> <p><b>NOTE:</b> 9 'legal' states are: Alaska, California, Colorado, Maine, Massachusetts, Nevada, Oregon, Washington State, and Vermont. The rest are 'illegal'. DC was excluded due to inadequate sample size.</p>	<p>5= California  6= Colorado  7= Connecticut  8= Delaware  9= Florida  10= Georgia  11= Hawaii  12= Idaho  13= Illinois  14= Indiana  15= Iowa  16= Kansas  17= Kentucky  18= Louisiana  19= Maine  20= Maryland  21= Massachusetts  22= Michigan  23= Minnesota  24= Mississippi  25= Missouri  26= Montana  27= Nebraska  28= Nevada  29= New Hampshire  30= New Jersey  31= New Mexico  32= New York  33= North Carolina  34= North Dakota  35= Ohio</p>
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		36= Oklahoma 37= Oregon 38= Pennsylvania 39= Rhode Island 40= South Carolina 41= South Dakota 42= Tennessee 43= Texas 44= Utah 45= Vermont 46= Virginia 47= Washington State 48= West Virginia 49= Wisconsin 50= Wyoming 51= District of Columbia -77= Don't know -88= Refuse to answer
STATE_US_1	<p><i>IF STATE.US= -77 or -88, DISPLAYED TEXT:</i></p> <p><b>This question is required if you would like to participate in the survey. Are you willing to provide an answer?</b></p>	1= Yes [User taken back to STATE_US] 2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [END SURVEY]
STATE_US_Legal_OR_Illegal	(USA PARTICIPANTS ONLY)	1= Legal 2= Illegal

	<p><b>Did the respondent live in a US legal or illegal state at the time the survey was conducted?</b></p> <p>Note: 9 'legal' states: Alaska, California, Colorado, Maine), Massachusetts , Nevada, Oregon, Washington State, And Vermont. The Rest Are 'Illegal'.</p> <p>DC was excluded due to inadequate sample size.</p> <p><i>Note: this variable was used for recruitment purposes only. Please do not use for analyses. Instead, please use CONDITION_DV or SALES_LEGAL_DV, below.</i></p>	
<p><b>US_CENSUS_DIVISION_DV</b></p> <p><b>Source:</b>  <a href="https://www2.census.gov/geo/pdfs/maps-data/maps/reference/us_regdiv.pdf">https://www2.census.gov/geo/pdfs/maps-data/maps/reference/us_regdiv.pdf</a></p>	<p><b>US census division</b></p>	<p>1 = New England  2 = Middle Atlantic  3 = East North Central  4 = West North Central  5 = South Atlantic  6 = East South Central  7 = West South Central  8 = Mountain  9 = Pacific</p>
<p><b>LEGAL_STATES_DV</b>  <b>MODIFIED IN W2</b></p>	<p><b>Legal states have separate values, illegal states grouped together.</b></p> <p><i>Note: this was used for weighting purposes. US respondents only.</i></p>	<p>0= Illegal states  1= Alaska  2= California  3= Colorado  4= Maine</p>

		5= Massachusetts 6= Nevada 7 = Oregon 8= Vermont 9= Washington State
<b>PROV_STATE_DV</b>	<b>Province or state - combined into one variable.</b>	1= Alabama 2= Alaska 3= Arizona 4= Arkansas 5= California 6= Colorado 7= Connecticut 8= Delaware 9= Florida 10= Georgia 11= Hawaii 12= Idaho 13= Illinois 14= Indiana 15= Iowa 16= Kansas 17= Kentucky 18= Louisiana 19= Maine 20= Maryland 21= Massachusetts 22= Michigan 23= Minnesota 24= Mississippi 25= Missouri 26= Montana

		27= Nebraska
		28= Nevada
		29= New Hampshire
		30= New Jersey
		31= New Mexico
		32= New York
		33= North Carolina
		34= North Dakota
		35= Ohio
		36= Oklahoma
		37= Oregon
		38= Pennsylvania
		39= Rhode Island
		40= South Carolina
		41= South Dakota
		42= Tennessee
		43= Texas
		44= Utah
		45= Vermont
		46= Virginia
		47= Washington State
		48= West Virginia
		49= Wisconsin
		50= Wyoming
		51= District of Columbia
		52= British Columbia
		53= Alberta
		54= Saskatchewan
		55= Manitoba
		56= Ontario
		57= Quebec



		<p>58= New Brunswick  59= Nova Scotia  60= Prince Edward Island  61= Newfoundland &amp; Labrador  -77= Don't know  -88= Refuse to answer</p>
<b>CONDITION_DV</b>	<p><b>Study condition – is recreational cannabis legal?</b></p> <p>NOTE: 9 'legal' states are: Alaska, California, Colorado, Maine, Massachusetts, Nevada, Oregon, Washington State, and Vermont. The rest of the states are considered 'illegal'. Note that Maine, Massachusetts, and Vermont had legalized recreational cannabis at the time of the study (and all 3 are considered '<u>legal</u>' in the CONDITION_DV variable), but they did not allow commercial sales (see SALES_LEGAL_DV below).</p> <p>DC was excluded due to inadequate sample size.</p>	<p>1= Canada (illegal)  2= US illegal state  3= US legal state</p>
<b>SALES_LEGAL_DV</b>	<p><b>Does the jurisdiction have legal cannabis sales?</b></p> <p>NOTE: Maine, Massachusetts and Vermont had legalized recreational cannabis at the time of the study, and are considered 'legal' US states above. However, they did not yet</p>	<p>0= No legal cannabis sales  1= Legal cannabis sales</p>

	<p>allow commercial sales, which is reflected in the SALES_LEGAL_DV variable. There are only 6 states with legal retail sales.</p> <p>DC was excluded due to inadequate sample size.</p>	
<b>MEDICAL_MARKET_DV</b>	<p><b>Is medical cannabis legal in this jurisdiction?</b></p> <p><i>*at time of study</i></p>	<p>0= No legal medical market</p> <p>1= Legal medical market</p>
<b>GYO_LEGAL_DV</b>	<p><b>Is home growth legal for legal or recreational purposes?</b></p>	<p>1= Yes, legal for recreational</p> <p>2= Yes, legal for medical</p> <p>3=No, illegal</p>
<b>LEGAL_SOURCE_DV</b>	<p><b>Legality of cannabis source in past 12 months</b></p>	<p>0=Illegal source/Unstated source</p> <p>1=Legal source</p> <p>2=No past 12-month cannabis use</p>
<b>City</b>	<p><b>What city or town do you live in?</b></p> <p><b>We are asking because we are interested in the characteristics of your city/town, including the number of stores that sell marijuana.</b></p> <p><b>Your information will not be shared with any other group and it will always be kept strictly confidential. This is not-for-profit research and we won't share your</b></p>	

	<b>data with any company or advertiser.</b>	
<b>CITYr1</b>	<b>City</b>	[open-ended]
<b>noanswerCITY_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerCITY_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>CITY_DV</b> <b>DELETED IN W2</b> Derived from CITYr1, noanswerCITY_r77, noanswerCITYr88	<b>What <u>city or town</u> do you live in?</b>  <b>We are asking because we are interested in the characteristics of your city/town, including the number of stores that sell marijuana.</b>  <b>Your information will not be shared with any other group and it will always be kept strictly confidential. This is not-for-profit research and we won't share your data with any company or advertiser.</b>	[open-ended]  -77= Don't know -88= Refuse to answer
<b>CURR_ED</b>	<b>Are you currently a student or will you be going to school next term?</b>	1= Yes 2= No  -77=Don't know -88=Refuse to answer

<b>Occupation/Main Activity</b>	<p><b>What was your main activity in the <u>past week</u>?</b></p> <p>NOTE: question programmed so that users could select 'all that apply' although this was not specified in the question.</p> <p><i>Note: if using this variable, please recode "Other" responses (OCCUPATIONr12oe) first.</i></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>OCCUPATIONr1</b>	<b>Working at a paid job or business</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>OCCUPATIONr2</b>	<b>Vacation (from paid work)</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>OCCUPATIONr3</b>	<b>Looking for paid work</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>OCCUPATIONr4</b>	<b>Going to school (including vacation from school)</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>OCCUPATIONr5</b>	<b>Caring for children</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>OCCUPATIONr6</b>	<b>Household work</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>OCCUPATIONr7</b>	<b>Retired</b>	<p>0=Unchecked</p>

		1=Checked
<b>OCCUPATIONr8</b>	<b>Maternity/paternity leave</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr9</b>	<b>Long term illness</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr10</b>	<b>Volunteering</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr11</b>	<b>Care-giving other than for children</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr12</b>	<b>Other (please specify):_____</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr12oe</b>	<b>Other text</b>	[open-ended]
<b>OCCUPATIONr77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr1_RECODED</b>	<b>Working at a paid job or business (including Other - self-employed)</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr2_RECODED</b>	<b>Vacation (from paid work) (including Other - travel)</b>	0=Unchecked 1=Checked

<b>OCCUPATIONr3_RECODED</b>	<b>Looking for paid work</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr4_RECODED</b>	<b>Going to school (including vacation from school)</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr5_RECODED</b>	<b>Caring for children</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr6_RECODED</b>	<b>Household work</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr7_RECODED</b>	<b>Retired</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr8_RECODED</b>	<b>Maternity/paternity leave</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr9_RECODED</b>	<b>Long term illness (including Other - disability or on leave)</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr10_RECODED</b>	<b>Volunteering</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr11_RECODED</b>	<b>Care-giving other than for children</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr12_RECODED</b>	<b>Other</b>	0=Unchecked 1=Checked
<b>OCCUPATIONr77_RECODED</b>	<b>Don't know</b>	0=Unchecked



		1=Checked
<b>OCCUPATIONr88_RECODED</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>WORK_RISK</b>	<p><b>In your job, do you perform hazardous or safety-sensitive tasks at least once a week?</b></p> <p><b>Hazardous or safety-sensitive work is considered work that, if not performed safely, could lead to physical harm to the worker or others or damage to the environment or property.</b></p> <p><b>Click for examples of hazardous/safety-sensitive jobs:</b></p> <p><b>Examples include driving a motor vehicle; operating or working in proximity to equipment, machinery, or tools; working from heights 2 meters or more above ground; working with or where hazardous substances are present (e.g., chemicals, flammable liquids, gases); sharps work (e.g., needles, scalpels, scissors, knives); working near hot objects and surfaces, open flames, or steam; electrical work that may be a source of electrical shock; manual handling of loads greater than 20kg/44lb; and working</b></p>	<p>1= Yes</p> <p>2= No</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>

	<p><b>where flying particles or falling objects could cause bodily injury.</b></p> <p>UNIVERSE: OCCUPATION=1, 2, 3, 10</p>	
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## CONSUMPTION

Variable	Question	Values
EVER_TRY	<p><b>Have you ever tried marijuana?</b></p>	<p>1= Yes</p> <p>2= No</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
EVER_TRY_1	<p>IF EVER_TRY= -77 or -88, ask:</p> <p><b>This question is required if you would like to participate in the survey. Are you willing to provide an answer?</b></p>	<p>1= Yes [User taken back to EVER_TRY]</p> <p>2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [END SURVEY]</p>
USE_RECENT	<p><b>When was the last time you used marijuana?</b></p> <p>UNIVERSE: EVER_TRY=1</p>	<p>1= More than 12 months ago</p> <p>2= More than 3 months ago but less than 12 months ago</p> <p>3= More than 30 days ago, but less than 3 months ago</p> <p>4= Within the past 30 days</p>

		-77= Don't know -88= Refuse to answer
<b>USE_RECENT_1</b>	IF USE.RECENT= -77 or -88, ask:  <b>This survey is about marijuana use, so we need to know the last time you used marijuana. We won't make you answer all questions, this question is required if you would like to participate in the survey. Would you like to answer this question?</b>	1= Yes [User taken back to USE.RECENT]  2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [END SURVEY]
<b>PAST_12_MONTH_USERS_DV</b>	<b>Past 12-month cannabis users</b>  UNIVERSE=EVER.TRY=1	0=Has not used cannabis in past 12 months  1= Has used cannabis in the past 12 months  -77= Don't know -88= Refuse to answer
<b>CURRENT_USE</b>	<b>How often do you use marijuana?</b>  UNIVERSE: USE.RECENT=2,3,4	1= Less than once per month 2= One or more times per month 3= One or more times per week 4= Every day or almost every day  -77= Don't know -88= Refuse to answer
<b>CURRENT_USE_1</b>	IF CURRENT.USE= -77 or -88, ask:  <b>This survey is about marijuana use, so we need to know how often you use marijuana. We won't make you answer all questions, but this question is</b>	1= Yes [User taken back to CURRENT.USE]  2= No (I understand this means I cannot participate in this survey)

	<b>required if you would like to participate in the survey. Would you like to answer this question?</b>	and will not receive remuneration) [END SURVEY]
<b>CURRENT_USE_DV</b> <i>Cleaned up version of CURRENT_USE whereby those who gave contradictory answers were reclassified (e.g., selected "Less than once per month" for CURRENT_USE but entered 365 days per year in USE_FREQUENCY). Affected 203 (2.9%) of past 12-month users.</i>	<b>How often do you use marijuana?</b>  UNIVERSE: USE.RECENT=2,3,4	1= Less than once per month 2= One or more times per month 3= One or more times per week 4= Every day or almost every day -77= Don't know -88= Refuse to answer
<b>Use Frequency</b>	<i>NOTE: text in variables below displayed based on response (frequency) selected in CURRENT_USE</i>  UNIVERSE: USE.RECENT=2,3,4	
<b>USE_FREQUENCYr1</b>	IF CURRENT.USE=3 OR 4  <b>On average, how many days per week do you use cannabis:___</b>	[numeric]
<b>USE_FREQUENCYr2</b>	IF CURRENT.USE=2  <b>On average, how many days per month do you use cannabis:___</b>	[numeric]
<b>USE_FREQUENCYr3</b>	IF CURRENT.USE=1  <b>Approximately how many days over the past 12 months did you use cannabis: ___</b>	[numeric]
<b>USE_FREQUENCYr1_days_DV</b>	<b>Frequency of cannabis use in past 12 months derived from days per week.</b>	[numeric]

Derived by multiplying USE_FREQUENCYr1 by 52.1429 and replacing missing with zero.		
<b>USE_FREQUENCYr2_days_DV</b> Derived by multiplying USE_FREQUENCYr2 by 12 and replacing missing with zero.	<b>Frequency of cannabis use in past 12 months derived from days per month.</b>	[numeric]
<b>USE_FREQUENCYr3_days_DV</b> Same as USE_FREQUENCYr3; replaced missing with zero.	<b>Frequency of cannabis use in past 12 months derived from days in past 12 months.</b>	[numeric]
<b>PAST_12MOS_DV</b> Included only those who had used in the past 12 months (USE.RECENT=2,3,4)  Summed USE_FREQUENCYr1_days_DV, USE_FREQUENCYr2_days_DV + USE_FREQUENCYr3_days_DV.	<b>Average frequency of cannabis use (days) per year</b>  UNIVERSE: USE.RECENT=2,3,4 (past 12-month users)	[numeric]  -99= Never tried cannabis -999= Used >12 months ago
<b>DAYS_PER_YEAR_DV</b> <b>DELETED IN W2</b>	<b>Days used cannabis per year, categorical, among past 12-month users</b>  UNIVERSE: USE.RECENT=2,3,4	1= 1-10 days per year 2= 11-100 days per year 3= 101-250 days per year 4= 251-365 days per year
<b>USE_FREQUENCYr1_past30_DV</b>	<b>Frequency of cannabis use in past 30 days derived from days per week.</b>	[numeric]

Derived by multiplying USE_FREQUENCYr1 by 4.34524 and replacing missing with zero.		
<b>USE_FREQUENCYr2_past30_DV</b> Same as USE_FREQUENCYr2; replaced missing with zero.	<b>Frequency of cannabis use in past 30 days derived from days per month.</b>	[numeric]
<b>PAST_30DAYS_DV</b> Included only those who use at least monthly (CURRENT.USE=2,3,4)  Summed USE_FREQUENCYr1_past30_DV +USE_FREQUENCYr2_past30_DV.	<b>Average frequency of cannabis use (days) per month</b>  UNIVERSE: CURRENT.USE=2,3,4 (at least monthly users)	[numeric]  -99= Never tried cannabis -999= Used >12 months ago -9999= Less than monthly user
<b>CANNABIS_USE_STATUS_DV</b>  <i>Derived from USE_RECENT and CURRENT_USE.</i>	<b>Cannabis use status.</b>	0=Never user 1=Used more than 12 months ago 2=Past 12-month user 3=At least monthly user 4=At least weekly user 5=Daily/almost daily user
<b>Time until cannabis use after waking</b>	<b>How soon after waking do you <u>usually</u> use marijuana?</b>  <b>You can answer with minutes or hours, or use both hours and minutes to give a more accurate answer.</b>  UNIVERSE: CURRENT.USE=4 (everyday users)	



<b>TIME_TO_USEr1</b>	<b>Minutes: __</b>	[numeric]
<b>TIME_TO_USEr2</b>	<b>Hours: ____</b>	[numeric]
<b>noanswerTIME_TO_USE_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerTIME_TO_USE_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>TIME_TO_USE_minutes_DV</b> Derived by multiplying TIME_TO_USEr2 by 60.	<b>Time to use converted from hours to minutes.</b>	
<b>TIME_TO_USE_DV</b> Derived by summing TIME_TO_USEr1 and TIME_TO_USE_minutes_DV, and combining Don't know and Refuse responses.	<b>Number of <u>minutes</u> after waking the respondent usually uses cannabis.</b>  UNIVERSE: CURRENT.USE=4 (everyday users)	[numeric]  -77= Don't know  -88= Refuse to answer  -9999=Non-daily user (not applicable)

## INITIATION & SUSCEPTIBILITY

<b>Variable</b>	<b>Question</b>	<b>Values</b>
<b>A0Ir1</b>	<b>How old were you when you first used marijuana?</b>	[numeric]

	<p><b>Enter age in years: _____</b></p> <p>UNIVERSE: EVER.TRY=1</p>	
<b>FUTURE_TRY1</b>	<p>IF EVER.TRY=2 (never tried):</p> <p><b>Do you think in the future you might try using marijuana?</b></p> <p>IF USE.RECENT=1-3 (haven't used in the past month):</p> <p><b>Do you think in the future you will use marijuana?</b></p>	<p>1=Definitely yes</p> <p>2=Probably yes</p> <p>3=Probably not</p> <p>4=Definitely not</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>FUTURE_TRY2</b>	<p><b>If one of your closest friends were to offer you marijuana, would you try it?</b></p> <p>UNIVERSE: EVER.TRY=2 OR USE.RECENT=1</p>	<p>1=Definitely yes</p> <p>2=Probably yes</p> <p>3=Probably not</p> <p>4=Definitely not</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>FUTURE_TRY3</b>	<p><b>At any time during the <u>next 12 months</u>, do you think you will use marijuana?</b></p> <p>UNIVERSE: EVER.TRY=2 OR USE.RECENT=1-3 (never tried or haven't used in the past month)</p>	<p>1=Definitely yes</p> <p>2=Probably yes</p> <p>3=Probably not</p> <p>4=Definitely not</p> <p>-77= Don't know</p>

		-88= Refuse to answer
<b>LEGAL_EVERUSE</b>	<p>IF EVER.TRY=2 or USE.RECENT=1 (never tried or used over a year ago):</p> <p><b>If marijuana were legal to use, would you be less likely or more likely to use it?</b></p> <p>UNIVERSE: CANADA AND US 'ILLEGAL' STATES ONLY [PROVINCE.CANADA = 1,2,3,4,5,6,7,8,9,10,11,12,13 OR STATE.US does NOT equal 2,5,6,19,21,28,37,45, 47,51]</p>	<p>1=A <u>lot LESS</u> likely to use if legal</p> <p>2=A <u>little LESS</u> likely to use if legal</p> <p>3=No effect if legal</p> <p>4=A <u>little MORE</u> likely to use if legal</p> <p>5=A <u>lot MORE</u> likely to use if legal</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>LEGAL_EVERUSE_1</b>	<p>IF USE.RECENT=2,3,4 (have used in the past year):</p> <p><b>If marijuana were legal to use, would it change how often you use it?</b></p> <p>UNIVERSE: CANADA AND US 'ILLEGAL' STATES ONLY [PROVINCE.CANADA = 1,2,3,4,5,6,7,8,9,10,11,12,13 OR STATE.US equal to 2,5,6,19,21,28,37,45, 47,51]</p>	<p>1=A <u>lot LESS</u> likely to use if legal</p> <p>2=A <u>little LESS</u> likely to use if legal</p> <p>3=No effect if legal</p> <p>4=A <u>little MORE</u> likely to use if legal</p> <p>5=A <u>lot MORE</u> likely to use if legal</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>LEGAL_EVERUSE_2</b>	<p>IF EVER.TRY=2 (never tried):</p> <p><b>Has marijuana legalization made you less likely or more likely to try marijuana?</b></p>	<p>1=A <u>lot LESS</u> likely to try</p> <p>2=A <u>little LESS</u> likely to try</p> <p>3=No effect</p> <p>4=A <u>little MORE</u> likely to try</p>

	UNIVERSE: ONLY INCLUDE US 'LEGAL' STATES [Alaska (2), California (5), Colorado (6), Maine (18), Massachusetts (20), Nevada (26), Oregon (35), Washington State (44), and Vermont (42)]	5=A <u>lot MORE</u> likely to try -77= Don't know -88= Refuse to answer
<b>LEGAL_EVERUSE3</b>	IF EVER.TRY=1 (have tried):  <b>Has marijuana legalization influenced your use of marijuana?</b>  UNIVERSE: ONLY INCLUDE US 'LEGAL STATES' [Alaska (2), California (5), Colorado (6), Maine (18), Massachusetts (20), Nevada (26), Oregon (35), Washington State (44), and Vermont (42)]	1=A <u>lot less</u> likely to use 2=A <u>little less</u> likely to use 3=No effect 4=A <u>little more</u> likely to use 5=A <u>lot more</u> likely to use -77= Don't know -88= Refuse to answer
<b>LEGAL_EVERUSE_DV</b>  Derived by combining LEGAL_EVERUSE and LEGAL_EVERUSE_1	<b>Likelihood of using marijuana if legal.</b>	1=A <u>lot LESS</u> likely to use if legal 2=A <u>little LESS</u> likely to use if legal 3=No effect 4=A <u>little MORE</u> likely to use if legal 5=A <u>lot MORE</u> likely to use if legal -77= Don't know -88= Refuse to answer
<b>LEGAL_INFLUENCE_DV</b>  Derived by combining LEGAL_EVERUSE_2 and LEGAL_EVERUSE_3	<b>Influence of marijuana legalization on use.</b>	1=A <u>lot less</u> likely to use/try 2=A <u>little less</u> likely to use/try 3=No effect

		<p>4=A <u>little more</u> likely to use/try</p> <p>5=A <u>lot more</u> likely to use/try</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
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### CANNABIS MODES, PURCHASING & PRICE

Variable	Question	Values
<b>Cannabis source</b> <b>MODIFIED IN W2</b>	<p><b>In the <u>past 12 months</u>, have you gotten <u>any type of marijuana</u> from the following sources?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.RECENT=2,3,4</p> <p><i>Note: Please use derived variables (CANNABIS_SOURCE1_DV &amp; CANNABIS_SOURCE4_DV) below each series.</i></p>	
CANNABIS_SOURCE1r1	Made or grew your own	0=Unchecked 1=Checked
CANNABIS_SOURCE1r2	From a family member or friend	0=Unchecked

		1=Checked
CANNABIS_SOURCE1r3	<b>From a dealer (in person)</b>	0=Unchecked 1=Checked
CANNABIS_SOURCE1r4	<b>Health Canada medical marijuana licenced producer, by mail order</b> UNIVERSE=CANADA ONLY	0=Unchecked 1=Checked
CANNABIS_SOURCE1r5	<b>Internet delivery service or mail order</b> <i>["Other" added before this text for Canada only]</i>	0=Unchecked 1=Checked
CANNABIS_SOURCE1r6	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked
CANNABIS_SOURCE1r7	<b>Other (please specify without providing any identifiable information):</b>	0=Unchecked 1=Checked
CANNABIS_SOURCE1r7oe	<b>Other text</b>	[open-ended]
CANNABIS_SOURCE1r77	<b>Don't know</b>	0=Unchecked 1=Checked
CANNABIS_SOURCE1r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked
CANNABIS_SOURCE1r1_DV	<b>Made or grew your own</b> <i>Note: Use this version</i>	0=No 1=Yes
CANNABIS_SOURCE1r2_DV	<b>From a family member or friend or Other - coworker/classmate or at a party</b>	0=No 1=Yes

	<i>Note: Use this version</i>	
<b>CANNABIS_SOURCE1r3_DV</b>	<b>From a dealer (in person)</b> <i>Note: Use this version</i>	0=No 1=Yes
<b>CANNABIS_SOURCE1r4_DV</b>	<b>Health Canada medical marijuana licenced producer, by mail order</b> UNIVERSE=CANADA ONLY <i>Note: Use this version</i>	0=No 1=Yes
<b>CANNABIS_SOURCE1r5_DV</b>	<b>Internet delivery service or mail order</b> [“Other” added before this text for Canada only] <i>Note: Use this version</i>	0=No 1=Yes
<b>CANNABIS_SOURCE1r6_DV</b>	<b>From a store, co-operative or dispensary (in person)</b> <i>Note: Use this version</i>	0=No 1=Yes
<b>CANNABIS_SOURCE1r7_DV</b>	<b>Other (please specify without providing any identifiable information):</b> <i>Note: Use this version</i>	0=No 1=Yes
<b>CANNABIS_SOURCE1r8_DV</b>	<b>Other - n/a ( haven’t obtained cannabis in the past 12 months)</b>	0=No 1=Yes
<b>CANNABIS_SOURCE1r77_DV</b>	<b>Don’t know</b>	0=No 1=Yes
<b>CANNABIS_SOURCE1r88_DV</b>	<b>Refuse to answer</b>	0=No

		1=Yes
<b>CANNABIS_SOURCE2</b>	<b>Did you grow any <u>marijuana plants</u> in the <u>past 12 months</u>?</b>  UNIVERSE: CANNABIS.SOURCE1=1 (grew my own)	1= Yes 2= No -77= Don't know -88= Refuse to answer
<b>Number of plants</b>	<b>In total, how many <u>marijuana plants</u> did you grow in the <u>past 12 months</u>?</b>  UNIVERSE: CANNABIS.SOURCE2=1 (grew my own)	
<b>PLANTS_AMOUNTr1</b>	<b>Number of plants</b>	[numeric]
<b>noanswerPLANTS_AMOUNT_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerPLANTS_AMOUNT_r88</b>	<b>Refuse</b>	0=Unchecked 1=Checked
<b>PLANTS_AMOUNT_DV</b> Derived by combining PLANTS_AMOUNTr1 with DK and refuse.	<b>Number of marijuana plants grown in the <u>past 12 months</u>.</b>  UNIVERSE: CANNABIS.SOURCE2=1 (grew my own)	[numeric] -77= Don't know -88= Refuse to answer



<b>PLANTS_PURCHASE</b>	<b>Did you buy or pay for the <u>marijuana plants or seeds</u> you grew in the <u>past 12 months</u>?</b>  UNIVERSE: CANNABIS.SOURCE2=1	1= Yes 2= No -77= Don't know -88= Refuse to answer
<b>Money spent - Plants</b>	<b>In total, how much money did you spend on all of the <u>marijuana plants or seeds</u> you bought in the <u>past 12 months</u>?</b>  Dollar value:____  UNIVERSE: PLANTS.PURCHASE=1	
<b>MONEY_PLANTSr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerMONEY_PLANTS_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerMONEY_PLANTS_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>MONEY_PLANTS_RAW_DV</b>	<b>Money (raw - both currencies) spent on marijuana plants or seeds in the past 12 months.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>MONEY_PLANTS_DV</b>	<b>Money (\$CDN) spent on marijuana plants or seeds in the past 12 months.</b>	[numeric]

<p>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</p>	<p>UNIVERSE: PLANTS.PURCHASE=1</p>	<p>-77= Don't know -88= Refuse to answer</p>
<p><b>Cannabis source – Store</b> <b>MODIFIED IN W2</b></p>	<p><b>From what type of <u>store or dispensary</u> did you buy <u>marijuana</u> in the past 12 months?</b> <b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: CANNABIS.SOURCE1=6 (store)</p>	
<p><b>CANNABIS_SOURCE3r1</b></p>	<p><i>IN USA:</i> 'A <b><u>licensed</u></b> dispensary or co-operative' <i>IN CANADA:</i> 'An <b><u>authorized/licensed</u></b> store'</p>	<p>0=Unchecked 1=Checked</p>
<p><b>CANNABIS_SOURCE3r2</b></p>	<p>A licensed <b><u>recreational</u></b> store [<i>USA only</i>]</p>	<p>0=Unchecked 1=Checked</p>
<p><b>CANNABIS_SOURCE3r3</b></p>	<p>An unlicensed or unauthorized store/dispensary</p>	<p>0=Unchecked 1=Checked</p>
<p><b>CANNABIS_SOURCE3r4</b></p>	<p><b>Other type of store/dispensary (please specify without providing any identifiable information):</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>CANNABIS_SOURCE3r4oe</b></p>	<p><b>Other text</b></p>	<p>[open-ended]</p>
<p><b>CANNABIS_SOURCE3r77</b></p>	<p><b>Don't know</b></p>	<p>0=Unchecked</p>

		1=Checked
<b>CANNABIS_SOURCE3r88</b>	<b>Refuse</b>	0=Unchecked 1=Checked
<b>CANNABIS_SOURCE3r1_DV</b>	<i>IN USA: 'A <u>licensed</u> dispensary or co-operative'</i> <i>IN CANADA: 'An <u>authorized/licensed</u> store'</i>	0=No 1=Yes
<b>CANNABIS_SOURCE3r2_DV</b>	<b>A licensed <u>recreational</u> store [USA only]</b>	0=No 1=Yes
<b>CANNABIS_SOURCE3r3_DV</b>	<b>An unlicensed or unauthorized store/dispensary</b>	0=No 1=Yes
<b>CANNABIS_SOURCE3r4_DV</b>	<b>Other type of store/dispensary</b>	0=No 1=Yes
<b>CANNABIS_SOURCE3r77_DV</b>	<b>Don't know</b>	0=No 1=Yes
<b>CANNABIS_SOURCE3r88_DV</b>	<b>Refuse</b>	0=No 1=Yes
<b>Cannabis source - Website</b> <b>MODIFIED IN W2</b>	<b>From what type of <u>internet service</u> did you buy <u>marijuana</u> in the past 12 months?</b>	

	<b>SELECT ALL THAT APPLY.</b>  UNIVERSE: CANNABIS.SOURCE1=5 (from a website)	
CANNABIS_SOURCE4r1	An <b><u>authorized/licensed</u></b> website	0=Unchecked 1=Checked
CANNABIS_SOURCE4r2	An <b><u>unauthorized or unlicensed</u></b> private delivery service or dealer [ <i>US only</i> : 'not affiliated with a dispensary/co-operative'] (including through <i>Weedmaps</i> or <i>Leafly</i> )	0=Unchecked 1=Checked
CANNABIS_SOURCE4r3	Other type of internet service (please specify without providing any identifiable information):	0=Unchecked 1=Checked
CANNABIS_SOURCE4r3oe	Other text	[open-ended]
CANNABIS_SOURCE4r77	Don't know	0=Unchecked 1=Checked
CANNABIS_SOURCE4r88	Refuse	0=Unchecked 1=Checked
CANNABIS_SOURCE4r1_DV	An <b><u>authorized/licensed</u></b> website	0=No 1=Yes
CANNABIS_SOURCE4r2_DV	An <b><u>unauthorized or unlicensed</u></b> private delivery service or dealer [ <i>US only</i> : 'not	0=No

	<b>affiliated with a dispensary/co-operative'] (including through Weedmaps or Leafly)</b>	1=Yes
<b>CANNABIS_SOURCE4r3_DV</b>	<b>Other type of internet service</b>	0=No 1=Yes
<b>CANNABIS_SOURCE4r77_DV</b>	<b>Don't know</b>	0=No 1=Yes
<b>CANNABIS_SOURCE4r88_DV</b>	<b>Refuse</b>	0=No 1=Yes
<b>Unauthorized cannabis source - reason</b> <b>MODIFIED IN W2</b>	<b>What are the main reasons you bought marijuana from unauthorized sources instead of licensed sources?</b> <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: CANNABIS.SOURCE3=3, OR CANNABIS.SOURCE4=2 (unauthorized sources).	
<b>CANNABIS_ILLEGALr1</b>	<b>I can get products that are not sold by licensed sources</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr2</b>	<b>Lower prices than licensed sources</b>	0=Unchecked 1=Checked

<b>CANNABIS_ILLEGALr3</b>	<b>Easier to get / more convenient than licensed sources</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr4</b>	<b>I don't want the government to know that I buy marijuana</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr5</b>	<b>I can get stronger/more potent products</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr6</b>	<b>Other reason(s) (please specify):</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr6oe</b>	<b>Other text</b>	[open-ended]
<b>CANNABIS_ILLEGALr77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr1_RECODED_DV</b>	<b>I can get products that are not sold by licensed sources</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr2_RECODED_DV</b>	<b>Lower prices than licensed sources</b>	0=Unchecked 1=Checked
<b>CANNABIS_ILLEGALr3_RECODED_DV</b>	<b>Easier to get / more convenient than licensed sources</b>	0=Unchecked 1=Checked

CANNABIS_ILLEGALr4_RECODED_DV	I don't want the government to know that I buy marijuana	0=Unchecked 1=Checked
CANNABIS_ILLEGALr5_RECODED_DV	I can get stronger/more potent products	0=Unchecked 1=Checked
CANNABIS_ILLEGALr6_RECODED_DV	Other reason(s)	0=Unchecked 1=Checked
CANNABIS_ILLEGALr7_DV	Other - can't access it legally (no legal sales)	[open-ended]
CANNABIS_ILLEGALr77_RECODED_DV	Don't know	0=Unchecked 1=Checked
CANNABIS_ILLEGALr88_RECODED_DV	Refuse to answer	0=Unchecked 1=Checked
<b>Money spent - All forms</b> <b>MODIFIED IN W2</b>	<p><i>DERIVE TIME FRAME BASED ON RESPONSE TO USE.RECENT. IF USE.RECENT =2 OR 3 THEN 'the past 12 months, IF USE.RECENT =4 THEN 'the past month'.</i></p> <p><b>Overall, how much money [past 12 months or past month: "did", other time frames: "do"] you spend on <u>all types</u> of marijuana (including plants) in [TIME FRAME]?</b></p> <p><b>ENTER DOLLAR AMOUNT:_____</b></p> <p>UNIVERSE: USE.RECENT=2,3,4</p>	

<b>MONEY_ALLr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerMONEY_ALL_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerMONEY_ALL_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>MONEY_ALL_RAW_DV</b> Derived by multiplying amount spent per month by 12 (when USE.RECENT=4), and retaining past 12-month value (when USE.RECENT=2 or 3).	<b>Money (raw amount – both currencies) spent on <u>all types</u> of marijuana (including plants) in the <u>past 12 months</u>.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>MONEY_ALL_DV</b>  <i>Note: \$USD converted to CDN at \$1USD=\$1.33 CDN.</i>	<b>Money (\$CDN) spent on <u>all types</u> of marijuana (including plants) in the <u>past 12 months</u>.</b>  UNIVERSE: USE.RECENT=2,3,4	[numeric] -77= Don't know -88= Refuse to answer
<b>Cannabis use – Modes</b>  <b>MODIFIED IN W2</b>	<b>Have you used marijuana in any of the following ways?</b>  UNIVERSE: USE.RECENT=2,3,4  <i>Note: Please use USE_MODES_RECODED_DV variables or USE_MODES_BINARY_DV derived variables below.</i>	
<b>USE_MODESr1</b>	<b>Dried herb (smoked or vaped)</b>	1=No



		<p>2=Yes, but NOT in past 12 months</p> <p>3=Yes, in past 12 months</p> <p>4=Don't know</p>
<b>USE_MODESr2</b>	<b>Cannabis oils or liquids taken orally (e.g. drops)</b>	<p>1=No</p> <p>2=Yes, but NOT in past 12 months</p> <p>3=Yes, in past 12 months</p> <p>4=Don't know</p>
<b>USE_MODESr3</b>	<b>Cannabis oils or liquids for vaping</b>	<p>1=No</p> <p>2=Yes, but NOT in past 12 months</p> <p>3=Yes, in past 12 months</p> <p>4=Don't know</p>
<b>USE_MODESr4</b>	<b>Edibles/foods</b>	<p>1=No</p> <p>2=Yes, but NOT in past 12 months</p> <p>3=Yes, in past 12 months</p> <p>4=Don't know</p>
<b>USE_MODESr5</b>	<b>Drinks (e.g., marijuana cola or tea)</b>	<p>1=No</p>

		<p>2=Yes, but NOT in past 12 months</p> <p>3=Yes, in past 12 months</p> <p>4=Don't know</p>
<b>USE_MODESr6</b>	<b>Concentrates like wax, shatter, budder</b>	<p>1=No</p> <p>2=Yes, but NOT in past 12 months</p> <p>3=Yes, in past 12 months</p> <p>4=Don't know</p>
<b>USE_MODESr7</b>	<b>Hash or kief</b>	<p>1=No</p> <p>2=Yes, but NOT in past 12 months</p> <p>3=Yes, in past 12 months</p> <p>4=Don't know</p>
<b>USE_MODESr8</b>	<b>Tinctures</b>	<p>1=No</p> <p>2=Yes, but NOT in past 12 months</p> <p>3=Yes, in past 12 months</p> <p>4=Don't know</p>
<b>USE_MODESr9</b>	<b>Topical ointments (e.g., skin lotions)</b>	<p>1=No</p>

		2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr10</b>	<b>Other</b>	1=No 2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr10oe</b>	<b>Other text</b>	[open-ended]
<b>USE_MODES_FINALr1</b>	<b>Dried herb (smoked or vaped)</b>	0=Unchecked 1=Checked
<b>USE_MODES_FINALr2</b>	<b>Cannabis oils or liquids taken orally (e.g. drops)</b>	0=Unchecked 1=Checked
<b>USE_MODES_FINALr3</b>	<b>Cannabis oils or liquids for vaping</b>	0=Unchecked 1=Checked
<b>USE_MODES_FINALr4</b>	<b>Edibles/foods</b>	0=Unchecked 1=Checked

<b>USE_MODES_FINALr5</b>	<b>Drinks (e.g., marijuana cola or tea)</b>	0=Unchecked 1=Checked
<b>USE_MODES_FINALr6</b>	<b>Concentrates like wax, shatter, budder</b>	0=Unchecked 1=Checked
<b>USE_MODES_FINALr7</b>	<b>Hash or kief</b>	0=Unchecked 1=Checked
<b>USE_MODES_FINALr8</b>	<b>Tinctures</b>	0=Unchecked 1=Checked
<b>USE_MODES_FINALr9</b>	<b>Topical ointments (e.g., skin lotions)</b>	0=Unchecked 1=Checked
<b>USE_MODES_FINALr10</b>	<b>Other</b>	0=Unchecked 1=Checked
<b>USE_MODESr1_RECODED_DV</b>	<b>Dried herb (smoked or vaped) - recoded</b>	1=No 2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr2_RECODED_DV</b>	<b>Cannabis oils or liquids taken orally (e.g. drops) - recoded</b>	1=No 2=Yes, but NOT in past 12 months

		3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr3_RECODED_DV</b>	<b>Cannabis oils or liquids for vaping - recoded</b>	1=No 2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr4_RECODED_DV</b>	<b>Edibles/foods - recoded</b>	1=No 2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr5_RECODED_DV</b>	<b>Drinks (e.g., marijuana cola, tea or coffee) - recoded</b>	1=No 2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr6_RECODED_DV</b>	<b>Concentrates (e.g. wax, shatter, budder) - recoded</b>	1=No 2=Yes, but NOT in past 12 months

		3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr7_RECODED_DV</b>	<b>Hash or kief - recoded</b>	1=No 2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr8_RECODED_DV</b>	<b>Tinctures - recoded</b>	1=No 2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr9_RECODED_DV</b>	<b>Topical ointments (e.g., skin lotions) - recoded</b>	1=No 2=Yes, but NOT in past 12 months 3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr10_RECODED_DV</b>	<b>Other- recoded</b>	1=No 2=Yes, but NOT in past 12 months

		3=Yes, in past 12 months 4=Don't know
<b>USE_MODESr1_BINARY_DV</b>	<b>Dried herb (smoked or vaped) - past 12 month use</b>	0= No, NOT in past 12 months or Don't know 1= Yes, in past 12 months
<b>USE_MODESr2_BINARY_DV</b>	<b>Cannabis oils or liquids taken orally (e.g. drops) - past 12 month use</b>	0= No, NOT in past 12 months or Don't know
<b>USE_MODESr3_BINARY_DV</b>	<b>Cannabis oils or liquids for vaping - past 12 month use</b>	1= Yes, in past 12 months
<b>USE_MODESr4_BINARY_DV</b>	<b>Edibles/foods - past 12 month use</b>	0= No, NOT in past 12 months or Don't know
<b>USE_MODESr5_BINARY_DV</b>	<b>Drinks (e.g., marijuana cola, tea or coffee) - past 12 month use</b>	1= Yes, in past 12 months
<b>USE_MODESr6_BINARY_DV</b>	<b>Concentrates (e.g. wax, shatter, budder) - past 12 month use</b>	0= No, NOT in past 12 months or Don't know
<b>USE_MODESr7_BINARY_DV</b>	<b>Hash or kief - past 12 month use</b>	1= Yes, in past 12 months

USE_MODESr8_BINARY_DV	Tinctures - past 12 month use	0= No, NOT in past 12 months or Don't know
USE_MODESr9_BINARY_DV	Topical ointments (e.g., skin lotions) - past 12 month use	1= Yes, in past 12 months
USE_MODESr10_BINARY_DV	Other- past 12 month use	0= No, NOT in past 12 months or Don't know
<p>Cannabis use - Mode frequency</p> <p>DELETED IN W2</p>	<p>In the <u>past 12 months</u>, how often did you use marijuana in the following ways?</p> <p><i>LIST OF OPTIONS SELECTED IN THE PAST 12 MONTHS FROM USE_MODES VARIABLE; SHOWN IN TABLE FORMAT WITH OPTIONS LISTED BELOW.</i></p> <p>UNIVERSE: USE.RECENT=2,3,4, AND PAST 12-month users OF EACH METHOD IN MODE.FREQUENCY</p>	
MODE_FREQUENCYr1	Dried herb (smoked or vaped)	<p>1= Less than once a month</p> <p>2= Monthly</p> <p>3= Weekly</p> <p>4= Daily</p>



		-77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr2</b>	<b>Cannabis oils or liquids taken orally (e.g. drops)</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr3</b>	<b>Cannabis oils or liquids for vaping</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr4</b>	<b>Edibles/foods</b>	1= Less than once a month 2= Monthly 3= Weekly

		<p>4= Daily</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>MODE_FREQUENCYr5</b>	<b>Drinks (e.g., marijuana cola or tea)</b>	<p>1= Less than once a month</p> <p>2= Monthly</p> <p>3= Weekly</p> <p>4= Daily</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>MODE_FREQUENCYr6</b>	<b>Concentrates like wax, shatter, budder</b>	<p>1= Less than once a month</p> <p>2= Monthly</p> <p>3= Weekly</p> <p>4= Daily</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>MODE_FREQUENCYr7</b>	<b>Hash or kief</b>	<p>1= Less than once a month</p> <p>2= Monthly</p>

		3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr8</b>	<b>Tinctures</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr9</b>	<b>Topical ointments (e.g., skin lotions)</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr10</b>	<b>Other</b> <i>[text that respondent typed in USE_MODESr10 was displayed]</i>	1= Less than once a month

		<p>2= Monthly</p> <p>3= Weekly</p> <p>4= Daily</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>MODE_FREQUENCYr1_DV</b>	<b>Dried herb (smoked or vaped)</b>	<p>1= Less than once a month</p> <p>2= Monthly</p> <p>3= Weekly</p> <p>4= Daily</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<b>MODE_FREQUENCYr2_DV</b>	<b>Cannabis oils or liquids taken orally (e.g. drops)</b>	<p>1= Less than once a month</p> <p>2= Monthly</p> <p>3= Weekly</p> <p>4= Daily</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>

<b>MODE_FREQUENCYr3_DV</b>	<b>Cannabis oils or liquids for vaping</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr4_DV</b>	<b>Edibles/foods</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr5_DV</b>	<b>Drinks (e.g., marijuana cola or tea)</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know

		-88= Refuse to answer
<b>MODE_FREQUENCYr6_DV</b>	<b>Concentrates like wax, shatter, budder</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr7_DV</b>	<b>Hash or kief</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr8_DV</b>	<b>Tinctures</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily

		-77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr9_DV</b>	<b>Topical ointments (e.g., skin lotions)</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>MODE_FREQUENCYr10_DV</b>	<b>Other [text that respondent typed in USE_MODESr10 was displayed]</b>	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer
<b>IMAGE_CHOICE</b> <b>MODIFIED IN W2</b>	<i>TIME FRAME DERIVED BASED ON RESPONSE TO MODE.FREQUENCY. If MODE.FREQUENCY=1, -77 or -88 THEN 'the past 12 months, If MODE.FREQUENCY=2 THEN 'a usual month', If</i>	1= Number of joints 2= Amount of dried herb

	<p><i>MODE.FREQUENCY=3 THEN 'a usual week', If MODE.FREQUENCY=4 THEN 'a usual day'.</i></p> <p><b>We'd like to ask you how much dried herb you [past 12 months: "used"; other time frames: "use"] in [TIME FRAME]. Is it easiest for you to tell us about the number of joints or the amount of dried herb (e.g., grams or ounces)?</b></p> <p>UNIVERSE: USE.MODES=1, and USE.RECENT=2,3,4</p>	
<p><b>HERB_JOINT1</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>Please choose the joint that is closest to the size you normally smoke.</b></p> <p><i>DISPLAYED IMAGES OF 6 JOINT SIZES WITH CHECK BOXES - RESPONDENTS CHOSE ONE IMAGE.</i></p> <p>UNIVERSE: IMAGE.CHOICE=1</p>	<p>1= Joint 1 (1.2 g)</p> <p>2= Joint 2 (1.0 g)</p> <p>3= Joint 3 (0.8 g)</p> <p>4= Joint 4 (0.6 g)</p> <p>5= Joint 5 (0.4 g)</p> <p>6= Joint 6 (0.2 g)</p>



<b>HERB_JOINT1_numeric_DV</b>  Converted HERB_JOINT1 into a numeric variable.	<b>Joint sizes in grams.</b>	1= 1.2 2= 1.0 3= 0.8 4= 0.6 5= 0.4 6= 0.2
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<p><b>HERB_JOINT2</b> <b>MODIFIED IN W2</b></p>	<p><i>DERIVED TIME FRAME BASED ON RESPONSE TO MODE.FREQUENCY. If MODE.FREQUENCY=1, -77 or -88 THEN 'in the past 12 months', If MODE.FREQUENCY=2 THEN 'in a usual month', If MODE.FREQUENCY=3 THEN 'in a usual week', If MODE.FREQUENCY=4 THEN 'in a usual day'.</i></p> <p><b>How many joints of this size [past 12 months: "did"; other time frames "do"] you smoke [INSERT TIME FRAME]?</b></p> <p><b>Only include the amount you personally smoke—don't include what you share with others.</b></p> <p><i>[DISPLAYED JOINT IMAGE BESIDE DROPDOWN LIST OF SIZES]</i></p> <p>UNIVERSE: IMAGE.CHOICE=1</p>	<p>1=Less than ¼ of a joint</p> <p>2=¼ joint</p> <p>3=½ joint</p> <p>4=¾ joint</p> <p>5=1 joint</p> <p>6=2 joints</p> <p>7=3 joints</p> <p>8=4 joints</p> <p>9=5 joints</p> <p>10=6 joints</p> <p>11=7 joints</p> <p>12=8 joints</p> <p>13=9 joints</p> <p>14=10 joints</p> <p>15=More than 10 joints</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
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<p><b>HERB_JOINT2_numeric_DV</b></p> <p>Derived by converting HERB_JOINT2 to a numeric variable.</p> <p><i>Note: "Less than 1/4 joint" was changed to 0.125g (1/8<sup>th</sup>). "More than 10 joints" was excluded (to be combined in a later step).</i></p>	<p><b>Number of joints - numeric up to 10.</b></p>	<p>1= 0.1  2= 0.25  3= 0.5  4= 0.75  5= 1  6= 2  7= 3  8= 4  9=5  10= 6  11= 7  12= 8  13= 9  14= 10  -77= Don't know  -88 = Refuse to answer</p>
<p><b>Cannabis use – Number of joints of each size</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>Please enter the number of joints of this size that you [past 12 months: "smoked"; other time frames: "smoke"] [INSERT TIME FRAME].</b></p>	

	UNIVERSE: HERB.JOINT2=15	
<b>HERB_JOINT3r1</b>	<b>Number of joints</b>	[numeric]
<b>noanswerHERB_JOINT3_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerHERB_JOINT3_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>HERB_JOINT_RAW_DV</b> Derived by multiplying joint size (HERB_JOINT1_numeric_DV) by number of joints (HERB_JOINT2_numeric_DV). Combined DK and Refuse and HERB_JOINT3r1 value.	<b>Grams of dried herb (reported as joints) - raw amount before timeframe applied.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>HERB_JOINT_DV</b> <b>DELETED IN W2</b> Derived using the MODE_FREQUENCY from dried herb; multiplied HERB_JOINT_RAW_DV amount per day by 365, per week by 52.1429, per month by 12 and retained past 12-month value.	<b>Grams of dried herb (reported as joints) used in past 12 months, among past 12-month herb users.</b>	[numeric] -77= Don't know -88= Refuse to answer -99= No past 12-month use
<b>Herb - amount</b>	<i>DERIVED TIME FRAME BASED ON RESPONSE TO MODE.FREQUENCY</i>  <i>HERB AMOUNTS IMAGE OWN ON THE TOP OF THE SCREEN WITH ANSWER OPTIONS ON THE LEFT.</i>	

	<p><b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how much <u>dried herb</u> [past 12 months: “did”; other time frames: “do”] you use? (Include both smoking and vaping dried herb)</b></p> <p>UNIVERSE: IMAGE.CHOICE=2</p>	
<p><b>hidHERB_USE_FREQUENCY</b> <b>DELETED IN W2</b></p>	<p><b>What time frame did the respondent select for dried herb? (Corresponds to USE_MODES response).</b></p>	<p>1= Usual day 2= Usual week 3= Usual month 4= Past 12 months</p>
<p><b>HERB_AMOUNT1</b> <b>MODIFIED IN W2</b></p>	<p><b>How much dried herb do/did you use?</b></p>	<p>1= Less than 1/8 (one eighth) gram 2= 1/8 (one eighth) gram 3= 1/4 (one quarter) gram 4= 1/2 (half) gram 5= 3/4 (three quarters) gram 6= 1 gram 7= 2 grams 8= 3 grams</p>

		<p>9= 1/8 (one eighth) ounce</p> <p>10= 1/4 (one quarter) ounce</p> <p>11= More than 1/4 (one quarter) ounce</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>HERB_AMOUNT2</b>  <b>MODIFIED IN W2</b></p>	<p>If HERB_AMOUNT1=11</p> <p><b>Did you use...</b></p>	<p>1= Half an ounce (14 g)</p> <p>2= One ounce (28 g)</p> <p>3= More than one ounce (&gt;28 g)</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>HERB_AMOUNT2Ar1</b></p>	<p>If HERB_AMOUNT2=3</p> <p><b>Number of <u>ounces</u></b></p>	<p>[numeric]</p>
<p><b>HERB_AMOUNT2Ar2</b></p>	<p>If HERB_AMOUNT2=3</p> <p><b>Number of <u>pounds</u></b></p>	<p>[numeric]</p>

<b>HERB_AMOUNT2Ar3</b>	If HERB_AMOUNT2=3 <b>Number of <u>kilograms</u></b>	[numeric]
<b>HERB_AMOUNT1_numeric_DV</b> Derived by converting HERB_AMOUNT1 to a numeric variable. <i>Note: "Less than 1/8g" was changed to 0.06 g (1/16<sup>th</sup>). 1/8 oz was changed to 3.5 g and ¼ oz was changed to 7.1 g. "More than ¼ oz" was excluded (to be combined in a later step).</i>	<b>Grams of dried herb - converted to numeric variable.</b>	1= 0.05 2= 0.125 3= 0.25 4= 0.5 5= 0.75 6= 1 7= 2 8= 3 9= 3.5 10= 7.1 -77= Don't know -88= Refuse to answer
<b>HERB_AMOUNT2_numeric_DV</b> Derived by converting HERB_AMOUNT2 to a numeric variable. <i>Note: "More than one ounce (&gt;28 g)" was excluded (to be included in a later step).</i>	<b>Grams of dried herb - converted to numeric variable.</b>	1= 14 2= 28 -77= Don't know -88= Refuse to answer
<b>HERB_AMOUNT2Ar1_grams_DV</b> <b>DELETED IN W2</b>	<b>Ounces converted to grams.</b>	[numeric]

<i>Note: used 1 g = 28 oz</i>		
<b>HERB_AMOUNT2Ar2_grams_DV</b> <b>DELETED IN W2</b>  <i>Note: used 1 g = 453.6 lb</i>	<b>Pounds converted to grams.</b>	[numeric]
<b>HERB_AMOUNT2Ar3_grams_DV</b> <b>DELETED IN W2</b>  <i>Note: 1 g = 0.001 kg</i>	<b>Kilograms converted to grams.</b>	[numeric]
<b>HERB_AMOUNT_RAW_DV</b>  Derived by summing HERB_AMOUNT1_numeric_DV, HERB_AMOUNT2_numeric_DV, HERB_AMOUNT2Ar1_grams_DV, HERB_AMOUNT2Ar2_grams_DV, and HERB_AMOUNT2Ar3_grams_DV.	<b>Grams of dried herb (reported as dried herb) - raw amount before timeframe applied.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>HERB_AMOUNT_DV</b> <b>DELETED IN W2</b>  Based on dried herb response to MODE.FREQUENCY, derived by multiplying HERB_AMOUNT_RAW_DV amount per day by 365, per week by 52.1429 and per month by 12 and retaining past 12-month value and bringing in DK and Refuse.	<b>Grams of dried herb (reported in amount of dried herb) used in <u>past 12 months</u>, among past 12-month herb users.</b>  UNIVERSE: IMAGE.CHOICE=2	[numeric] -77= Don't know -88= Refuse to answer -99= No past 12-month use
<b>HERB_AMOUNT_TOTAL_DV</b>	<b>Total <u>grams</u> of dried herb used in the <u>past 12 months (reported as either joints</u></b>	[Numeric]



<p><b>MODIFIED IN W2</b></p> <p>Derived by combining HERB_AMOUNT_DV and HERB_JOINT_DV to get a total amount (i.e., combined those who responded in joints and those who responded in dried herb amounts into one variable).</p> <p><b>NOTE: This is the final variable for total dried herb used in past 12 months to be used in analyses.</b></p>	<p><b>or dried herb), among past 12-month herb users.</b></p> <p>UNIVERSE: USE.MODES=1, PAST-12 MONTH USE.</p>	<p>-77=Don't know</p> <p>-88=Refuse to answer</p> <p>-99= No past 12-month use</p>
<p><b>Herb - Source</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>In the past 12 months, how did you get the dried herb you used? SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=1 (in past 12 months)</p> <p><i>Note: if using this variable, please re-code "Other" responses first (HERB_SOURCE1r7oe).</i></p>	
<p><b>HERB_SOURCE1r1</b></p>	<p><b>I grew my own</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>HERB_SOURCE1r2</b></p>	<p><b>From a family member or friend</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>HERB_SOURCE1r3</b></p>	<p><b>From a dealer (in person)</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>

HERB_SOURCE1r4	<b>Health Canada medical marijuana licenced producer, by mail order</b> [ <i>Canada only</i> ]	0=Unchecked 1=Checked
HERB_SOURCE1r5	<b>Internet delivery service or mail order</b> [ <i>“Other” added before this text for Canada only</i> ]	0=Unchecked 1=Checked
HERB_SOURCE1r6	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked
HERB_SOURCE1r7	<b>Other (please specify without providing any identifiable information): ____</b>	0=Unchecked 1=Checked
HERB_SOURCE1r7oe	<b>Other text</b>	[open-ended]
HERB_SOURCE1r77	<b>Don't know</b>	0=Unchecked 1=Checked
HERB_SOURCE1r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked
HERB_SOURCE1r1_DV	<b>I grew my own</b>	0= No 1= Yes
HERB_SOURCE1r2_DV	<b>From a family member or friend</b>	0= No 1= Yes
HERB_SOURCE1r3_DV	<b>From a dealer (in person)</b>	0= No 1= Yes

HERB_SOURCE1r4_DV	Health Canada medical marijuana licenced producer, by mail order [ <i>Canada only</i> ]	0= No 1= Yes
HERB_SOURCE1r5_DV	Internet delivery service or mail order [ <i>“Other” added before this text for Canada only</i> ]	0= No 1= Yes
HERB_SOURCE1r6_DV	From a store, co-operative or dispensary (in person)	0= No 1= Yes
HERB_SOURCE1r7_DV	Other (please specify without providing any identifiable information): ____	0= No 1= Yes
HERB_SOURCE1r8	Other – N/A (haven’t obtained dried herb in past 12 months)	0= No 1= Yes
HERB_SOURCE1r77_DV	Don’t know	0= No 1= Yes
HERB_SOURCE1r88_DV	Refuse to answer	0= No 1= Yes
Herb source – Store type <b>DELETED IN W2 – RELATED TO W2 HERB_STORE</b>	<b>In the past 12 months, from what type of store or dispensary did you buy <u>dried herb</u>?</b> <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: HERB.SOURCE1=6 (store)	

HERB_SOURCE1Br1	IN USA: 'A <b>licensed</b> dispensary or co-operative' IN CANADA: 'An <b>authorized/licensed</b> store'	0=Unchecked 1=Checked
HERB_SOURCE1Br2	A licensed <b>recreational</b> store [USA only]	0=Unchecked 1=Checked
HERB_SOURCE1Br3	An unlicensed or unauthorized store/dispensary	0=Unchecked 1=Checked
HERB_SOURCE1Br4	Other type of store/dispensary (please specify without providing any identifiable information):_____	0=Unchecked 1=Checked
HERB_SOURCE1Br4oe	Other text	[open-ended]
HERB_SOURCE1Br77	Don't know	0=Unchecked 1=Checked
HERB_SOURCE1Br88	Refuse to answer	0=Unchecked 1=Checked
Herb source - Website type DELETED IN W2 – RELATED TO W2 HERB_WEB	In the past 12 months, from what type of <b>internet service</b> did you buy <b>dried herb</b> ? <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: HERB.SOURCE1=5 (internet)	

<b>HERB_SOURCE1Cr1</b>	An <u>authorized/licensed</u> website	0=Unchecked 1=Checked
<b>HERB_SOURCE1Cr2</b>	An <u>unauthorized or unlicensed</u> private delivery service or dealer [ <i>US only</i> : 'not affiliated with a dispensary/co-operative'] (including through <i>Weedmaps</i> or <i>Leafly</i> )	0=Unchecked 1=Checked
<b>HERB_SOURCE1Cr3</b>	Other type of internet service (please specify without providing any identifiable information):_____	0=Unchecked 1=Checked
<b>HERB_SOURCE1Cr3oe</b>	Other text	[open-ended]
<b>HERB_SOURCE1Cr77</b>	Don't know	0=Unchecked 1=Checked
<b>HERB_SOURCE1Cr88</b>	Refuse to answer	0=Unchecked 1=Checked
<b>Herb source - percent</b> <b>MODIFIED IN W2</b>  <i>Source: Modified Health Canada Survey Draft</i>	<b>What percent (%) of <u>dried herb</u> that you used in the past 12 months did you get from each source:</b>  <i>[DISPLAYED SOURCES SELECTED FROM HERB.SOURCE1 WITH NUMERIC FIELDS OF % NUMBERS THAT SUM TO 100%]</i>	

	UNIVERSE: HERB.SOURCE1= MORE THAN 1 OPTION SELECTED	
HERB_SOURCE2r1	I grew my own	
HERB_SOURCE2r2	From a family member or friend	[numeric]
HERB_SOURCE2r3	From a dealer (in person)	[numeric]
HERB_SOURCE2r4	Health Canada medical marijuana licensed producer, by mail order ( <i>Canada only</i> )	[numeric]
HERB_SOURCE2r5	Internet delivery service or mail order ( <i>"Other" added before this text for Canada</i> )	[numeric]
HERB_SOURCE2r6	From a store, co-operative or dispensary	[numeric]
HERB_SOURCE2r7	Other	[numeric]
HERB_SOURCE2_r77	Don't know	0=Unchecked 1=Checked
HERB_SOURCE2_r88	Refuse to answer	0=Unchecked 1=Checked
Herb - Ingestion method MODIFIED IN W2	Of <u>all</u> the <u>dried herb</u> that you used in the past 12 months, what percent (%) do you...  <i>[NUMERIC FIELD FOR EACH, SUMMED TO 100%]</i>	

	UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=1	
HERB_TOBACCOr1	Smoke without tobacco	[numeric]
HERB_TOBACCOr2	Smoke with tobacco	[numeric]
HERB_TOBACCOr3	Vape	[numeric]
HERB_TOBACCOr4	Other (please specify):__	[numeric]
HERB_TOBACCOr4oe	Other text	[open-ended]
noanswerHERB_TOBACCO_r77	Don't know	0=Unchecked 1=Checked
noanswerHERB_TOBACCO_r88	Refuse to answer	0=Unchecked 1=Checked
HERB_PURCHASE	<p>In the past 12 months, did you buy or pay for any of the <b><u>dried herb</u></b> you used?</p> <p>UNIVERSE: USE.MODES=1, past 12-month use</p>	<p>1= Yes 2= No 77= Don't know 88= Refuse to answer</p>
HERB_TIMEFRAME	<p>We would like to know how much <b><u>dried herb</u></b> you <b><u>bought or paid for in the past 12 months.</u></b></p> <p>Which time frame is easiest for you to report the amount of <b><u>DRIED HERB</u></b> you purchased: a usual week, a usual month, or the past 12 months?</p>	<p>1= Usual week 2= Usual month 3= Past 12 months (entire year) 4= I did not buy any of the dried herb I</p>

	UNIVERSE: USE.RECENT=2,3,4, AND HERB.PURCHASE=1. IF HERB_TIMEFRAME=4, SKIP TO HERB_THCRATIO.	used over the past year 77= Don't know 88= Refuse to answer
<b>Money spent - Herb</b> <b>DELETED IN W2</b>	<p><i>TIME FRAME DERIVED FROM HERB.TIMEFRAME. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i></p> <p><b>In total, how much money [past 12 months: "did", other time frames: "do"] you spend on all of the <u>dried herb</u> you [past 12 months: "bought"; other time frames: "buy"] [<u>in a usual (week/month) or In the past 12 months</u>]....</b></p> <p><i>[IF PLANTS.PURCHASE=1, ADD: "Please don't include money you spent on seeds or plants."]</i></p> <p><b>ENTER DOLLAR AMOUNT: _\$_____</b></p> <p>UNIVERSE: HERB.SOURCE1=2-6, POPULATE TIME FRAME WITH [HERB.TIMEFRAME] VARIABLE. If -77 or -88, use "past 12 months" language.</p>	
<b>HERB_MONEYr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerHERB_MONEY_r77</b>	<b>Don't know</b>	0=Unchecked



		1=Checked
<b>nonswerHERB_MONEY_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>HERB_MONEY_RAW_DV</b> Derived by combining HERB_MONEYr1, DK and Refuse.	<b>Total money (raw – both currencies) spent on dried herb (not including money spent on plants/seeds), before timeframe applied.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>HERB_MONEY_DV</b> <b>DELETED IN W2</b> Based on HERB.TIMEFRAME, derived by multiplying HERB_MONEY_RAW_DV amount spent in days by 365, weeks by 52.1429, months by 12, and retaining past 12-month value. <i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i>	<b>Total money (\$CDN) spent on dried herb in the <u>past 12 months</u> (not including money spent on plants/seeds).</b>  UNIVERSE: HERB.SOURCE1=2-6	[numeric] -77= Don't know -88= Refuse to answer
<b>IMAGE_CHOICE2</b> <b>MODIFIED IN W2</b>	<b>We'd like to ask you how much <u>dried herb</u> you bought the <u>last time</u> you bought it. Is it easiest for you to tell us about the number of joints or the amount of dried herb (e.g., grams or ounces) you used?</b>  UNIVERSE: USE.RECENT=2,3,4 , and HERB.PURCHASE=1	1= Number of joints 2= Amount of dried herb
<b>PURCH_JOINT</b>	<b><u>The last time</u> you purchased <u>dried herb</u>, how much did you buy...</b>	1=1 joint

	<p><i>[NOTE: DISPLAYED JOINT IMAGE SELECTED IN HERB.JOINT1]</i></p> <p>UNIVERSE: HERB.PURCHASE=1 and IMAGE.CHOICE2=1 (number of joints)</p>	<p>2=2 joints</p> <p>3=3 joints</p> <p>4=4 joints</p> <p>5=5 joints</p> <p>6=6 joints</p> <p>7=7 joints</p> <p>8=8 joints</p> <p>9=9 joints</p> <p>10=10 joints</p> <p>11=11 joints</p> <p>12=12 joints</p> <p>13=13 joints</p> <p>14=14 joints</p> <p>15=15 joints</p> <p>16=16 joints</p> <p>17=17 joints</p> <p>18=18 joints</p> <p>19=19 joints</p> <p>20=20 joints</p> <p>21=more than 20 joints</p>
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noanswerPURCH_JOINT_r77	Don't know	0=Unchecked 1=Checked
noanswerPURCH_JOINT_r88	Refuse to answer	0=Unchecked 1=Checked
<p><b>PURCH_JOINT_DV</b></p> <p>Derived by converting PURCH_JOINT to a numeric variable and combining DK and refuse.</p> <p><i>Note: "more than 20 joints" was changed to 25 for this variable. Note: that the joint <u>size</u> displayed was selected earlier in the survey at IMAGE_CHOICE.</i></p>	<p><b>Number of <u>joints</u> bought at <u>last</u> purchase.</b></p>	<p>1= 1 2= 2 3= 3 4= 4 5= 5 6= 6 7= 7 8= 8 9= 9 10= 10 11= 11 12= 12 13= 13 14= 14 15= 15 16= 16 17= 17</p>

		18= 18 19= 19 20= 20 21= 25 -77= Don't know -88= Refuse to answer
<b>PURCH_JOINT_GRAM_DV</b> Derived by multiplying number of joints bought at last purchase (PURCH_JOINT_DV) and previously selected joint size (HERB_JOINT1_numeric_DV). <i>Note: if the respondent did not report dried herb amount in joints originally (at IMAGE_CHOICE), they were shown "Joint #2 - 1.0 g" here, and their number of joints was multiplied by 1.</i>	<b>Number of <u>grams</u> of dried herb bought as <u>joints</u> at <u>last</u> purchase.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>HERB_LASTPURCH1A</b> <b>MODIFIED IN W2</b>	<b><u>The last time you purchased <u>dried herb</u>, how much did you buy...</u></b>  <i>[DISPLAYED HERB AMOUNTS IMAGE]</i>  UNIVERSE: HERB.PURCHASE=1 and IMAGE.CHOICE2=2 (amount of dried herb)	1= Less than 1/8 (one eighth) gram 2= 1/8 (one eighth) gram 3= 1/4 (one quarter) gram 4= 1/2 (half) gram 5= 3/4 (three quarters) gram

		6= 1 gram 7= 2 grams 8= 3 grams 9= 1/8 (one eighth) ounce 10= 1/4 (one quarter) ounce 11= More than 1/4 (one quarter) ounce -77= Don't know -88= Refuse to answer
<b>HERB_LASTPURCH1B</b>	IF HERB_LASTPURCH1A=11: <b><u>The last time you purchased dried herb, how much did you buy...</u></b> <b>Did you buy...</b> <i>[DISPLAYED DRIED FLOWER QUANTITIES IMAGE]</i> UNIVERSE: HERB.PURCHASE=1 and IMAGE.CHOICE2=2 (amount of dried herb) AND HERB_LASTPURCH1A=11	1= Half an ounce (14 g) 2= One ounce (28 g) 3= More than one ounce (>28 g) -77= Don't know -88= Refuse to answer
<b>Herb - last purchase greater than 1 oz</b> <b>MODIFIED IN W2</b>	IF LASTPURCH1B=3:	

	<p><b>Thinking of the <u>last time</u> you purchased <u>dried herb</u>, please indicate the amount using one of the following:</b></p> <p>UNIVERSE: HERB.PURCHASE=1 and IMAGE.CHOICE2=2 (amount of dried herb) AND HERB_LASTPURCH1B=3</p>	
HERB_LASTPURCH1BAr1	<b>Number of <u>ounces</u></b>	[numeric]
HERB_LASTPURCH1BAr2	<b>Number of <u>pounds</u></b>	[numeric]
HERB_LASTPURCH1BAr3	<b>Number of <u>kilograms</u></b>	[numeric]
NoanswerHERB_LASTPURCH1BA_na77	<b>Don't know</b>	0=Unchecked 1=Checked
NoanswerHERB_LASTPURCH1BA_na88	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<p><b>HERB_LASTPURCH1A_numeric_DV</b></p> <p>Derived by converting HERB_LASTPURCH1A to a numeric variable.</p> <p><i>Note: "Less than 1/8g" was changed to 0.06 g (1/16<sup>th</sup>). 1/8 oz was changed to 3.5 g and ¼ oz was changed to 7.1 g. "More than ¼ oz" was excluded (to be combined in a later step).</i></p>	<b>Grams of dried herb - converted to numeric variable.</b>	1= 0.06 2= 0.125 3= 0.25 4= 0.5 5= 0.75 6= 1 7= 2 8= 3

		<p>9= 3.5</p> <p>10= 7.1</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>HERB_LASTPURCH1B_numeric_DV</b></p> <p>Derived by converting HERB_LASTPURCH1B to a numeric variable.</p> <p><i>Note: "More than one ounce (&gt;28 g)" was excluded (to be included in a later step).</i></p>	<p><b>Grams of dried herb - converted to numeric variable.</b></p>	<p>1= 14</p> <p>2= 28</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>HERB_LASTPURCH1BAr1_grams_DV</b></p> <p><i>Note: used 1 g = 28 oz</i></p>	<p><b>Ounces converted to grams.</b></p>	<p>[numeric]</p>
<p><b>HERB_LASTPURCH1BAr2_grams_DV</b></p> <p><i>Note: used 1 g = 453.6 lb</i></p>	<p><b>Pounds converted to grams.</b></p>	<p>[numeric]</p>
<p><b>HERB_LASTPURCH1BAr3_grams_DV</b></p> <p><i>Note: 1 g = 0.001 kg</i></p>	<p><b>Kilograms converted to grams.</b></p>	<p>[numeric]</p>
<p><b>HERB_LASTPURCH_DV</b></p> <p>Derived by converting oz, lb and kg to grams and retaining gram amounts and combining DK and Refuse.</p>	<p><b>Number of <u>grams</u> of dried herb bought at <u>last purchase</u>, as reported in <u>amount of dried herb</u>.</b></p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88 = Refuse to answer</p>

<p><b>HERB_LASTPURCH_TOTAL_DV</b></p> <p>Derived by summing PURCH_JOINT_GRAM_DV and HERB_LASTPURCH_DV and bringing in DK and Refuse.</p> <p><i>Note: This is the final variable for dried herb bought at last purchase to be used in analyses.</i></p>	<p>Total number of <b>grams</b> of dried herb bought at <b>last purchase</b> (reported as either joints or dried herb).</p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88 = Refuse to answer</p>
<p>Herb - Money spent at last purchase</p> <p><b>MODIFIED IN W2</b></p>	<p><b>The last time you purchased dried herb, how much did you pay for the amount you bought?</b></p> <p>ENTER DOLLAR AMOUNT: _____</p> <p>UNIVERSE: HERB.PURCHASE=1</p>	
<p><b>HERB_SPENTLASTr1</b></p>	<p>Dollar value</p>	<p>[numeric]</p>
<p>noanswerHERB_SPENTLAST_r77</p>	<p>Don't know</p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p>noanswerHERB_SPENTLAST_r88</p>	<p>Refuse to answer</p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>HERB_SPENTLAST_RAW_DV</b></p>	<p>Amount of money (raw - both currencies) spent on dried herb at last purchase.</p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>HERB_SPENTLAST_DV</b></p> <p><b>DELETED IN W2</b></p>	<p>Amount of money (\$CDN) <b>spent</b> on dried herb at <b>last</b> purchase.</p>	<p>[numeric]</p> <p>-77= Don't know</p>



<p>Derived by combining HERB_SPENTLASTr1to HERB_SPENTLAST_r88.</p> <p><i>Note: USD converted to CDN at \$1USD=\$1.33.</i></p>	<p>UNIVERSE: HERB.PURCHASE=1</p>	<p>-88= Refuse to answer</p>
<p><b>HERB_LASTPURCH_PPG_DV</b></p> <p><b>DELETED IN W2</b></p> <p>Derived by dividing HERB_SPENTLAST_DV by HERB_LASTPURCH_TOTAL_DV.</p>	<p><b>Price (\$CDN) paid per g of herb at last purchase.</b></p> <p>UNIVERSE: HERB.PURCHASE=1</p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>HERB_THCRATIO</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>Which of the following best describes the type of <u>dried herb</u> you usually use?</b></p> <p>UNIVERSE: USE.MODES=1</p>	<p>1= High THC, Low CBD</p> <p>2= High THC, High CBD</p> <p>3= Low THC, Low CBD</p> <p>4= Low THC, High CBD</p> <p>5=Other</p> <p>6= I don't know</p> <p>88= Refuse to answer</p>
<p><b>Herb - THC and CBD levels</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>What are the <u>THC and CBD levels</u> in the <u>DRIED HERB</u> you usually use?</b></p> <p>UNIVERSE: USE.MODES=1</p>	

HERB_THC_mg	mg THC	[numeric]
HERB_THC_percent	% THC	[numeric]
HERB_THC_DK	Don't know	0=Unchecked 1=Checked
HERB_CBD_mg	mg CBD	[numeric]
HERB_CBD_percent	% CBD	[numeric]
HERB_CBD_DK	Don't know	0=Unchecked 1=Checked
HERB_THC_CBD_R	Refuse to answer	0=Unchecked 1=Checked
<b>Liquid or oil taken orally - Amount</b>  <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b>	<i>DERIVED TIME FRAME BASED ON RESPONSE TO MODE.FREQUENCY. IF -77 OR -88, USED "PAST 12 MONTHS" LANGUAGE.</i>  <b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how much <u>cannabis/marijuana oil or liquid taken orally (e.g. drops)</u> [past 12 months: "did"; other time frames: "do"] you use?</b>  <i>[Displayed Liquid Sizes Image]</i>	

	ENTER NUMBER: _____ [drop-down list: mL/fl oz/cartridge(s)vape hit(s)/] UNIVERSE: MODE.FREQUENCY=1-4 FOR USE.MODES=2	
hidLIQUID_USE_FREQUENCY	<b>Which timeframe did the respondent choose for cannabis oil/liquid taken orally?</b> <b>(Corresponds to USE_MODES response).</b>	1= Usual day 2= Usual week 3= Usual month 4= Past 12 months
LIQUID_AMOUNTr1	<b>Amount of cannabis oil/liquid taken orally</b>	[numeric]
noanswerLIQUID_AMOUNT_r77	<b>Don't know</b>	0=Unchecked 1=Checked
noanswerLIQUID_AMOUNT_r88	<b>Refuse</b>	0=Unchecked 1=Checked
LIQUID_AMOUNTAr1 <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b>	<b>Unit selected</b>	1= mL 2= fl oz 3= drops
LIQUID_12MOS_DV <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b>  Derived by multiplying days by 365, weeks by 52.1429, months by 12 and retaining past 12-month values. <b>Note:</b> when reporting this variable, file must be split by LIQUID_AMOUNTAr1, and all 3 units reported separately.	<b>Amount (any unit) of cannabis oil/liquid taken orally (e.g. drops) consumed in <u>past 12 months</u>.</b>	[numeric] -77= Don't know -88 = Refuse to answer

<b>LIQUID_AMOUNT_RAW_DV</b>	<b>Amount (mL) of cannabis oil/liquid taken orally (e.g. drops) consumed, before timeframe applied.</b>	[numeric] -77= Don't know -88 = Refuse to answer
<b>LIQUID_AMOUNT_DV</b> <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b> Derived by multiplying days by 365, weeks by 52.1429 and months by 12 and retaining past 12-month values. Converted oz and drops to mL and retained mL. <i>Assumed 1 oz = 30 mL and 40 drops = 1 mL.</i>	<b>Amount (mL) of cannabis oil/liquid taken orally (e.g. drops) consumed in <u>past 12 months</u>, among past 12-month liquid users.</b>	[numeric] -77= Don't know -88 = Refuse to answer -99= No past 12 month use
<b>Liquid or oil taken orally - Source</b> Note: USA did not see option 4 <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b>	<b>In the past 12 months, how did you get the <u>cannabis/marijuana oil or liquid taken orally (e.g. drops)</u> you used?  <b>SELECT ALL THAT APPLY.</b>    UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=2    <i>Note: if using this variable, please re-code "Other" responses first (LIQUID_SOURCE1r7oe).</i> </b>	
<b>LIQUID_SOURCE1r1</b>	<b>I made my own</b>	0=Unchecked 1=Checked
<b>LIQUID_SOURCE1r2</b>	<b>From a family member or friend</b>	0=Unchecked 1=Checked

LIQUID_SOURCE1r3	<b>From a dealer (in person)</b>	0=Unchecked 1=Checked
LIQUID_SOURCE1r4	<b>Health Canada medical marijuana licenced producer, by mail order</b> <i>[Canada only]</i>	0=Unchecked 1=Checked
LIQUID_SOURCE1r5	<b>Internet delivery service or mail order</b> <i>["Other" added before this text for Canada only]</i>	0=Unchecked 1=Checked
LIQUID_SOURCE1r6	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked
LIQUID_SOURCE1r7	<b>Other (please specify without providing any identifiable information):</b> _____	0=Unchecked 1=Checked
LIQUID_SOURCE1r7oe	<b>Other text</b>	[open-ended]
noanswerLIQUID_SOURCE1_r77	<b>Don't know</b>	0=Unchecked 1=Checked
noanswerLIQUID_SOURCE1_r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>Liquid or oil taken orally source - percent</b> <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b>	<b>What percent (%) of <u>cannabis/marijuana oil or liquid taken orally (e.g. drops)</u> that you used in the past 12 months did you get from each source:</b>  <i>[DISPLAYED SOURCES SELECTED IN LIQUID.SOURCE1 WITH NUMERICAL FIELDS</i>	

	FOR ENTRY OF % NUMBERS THAT SUMMED TO 100%] UNIVERSE: LIQUID.SOURCE= MORE THAN 1 OPTION SELECTED	
LIQUID_SOURCE2r1	I made my own	[numeric]
LIQUID_SOURCE2r2	From a family member or friend	[numeric]
LIQUID_SOURCE2r3	From a dealer (in person)	[numeric]
LIQUID_SOURCE2r4	Health Canada medical marijuana licensed producer, by mail order (Canada only)	[numeric]
LIQUID_SOURCE2r5	Internet delivery service or mail order	[numeric]
LIQUID_SOURCE2r6	From a store, co-operative or dispensary	[numeric]
LIQUID_SOURCE2r7	Other	[numeric]
noanswerLIQUID_SOURCE2_r77	Don't know	[numeric]
noanswerLIQUID_SOURCE2_r88	Refuse to answer	[numeric]
LIQUID_PURCHASE  THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2	In the past 12 months, did you buy or pay for any of the <u>cannabis/marijuana oil or liquid taken orally (e.g. drops)</u> you used?  UNIVERSE: USE.MODES=2, past 12-month use	1= Yes 2= No 77= Don't know 88= Refuse to answer
LIQUID_TIMEFRAME  THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2	We'd like to know how much <u>cannabis/marijuana oil or liquid taken</u>	1= Usual week 2= Usual month

	<p><b>orally (e.g. drops) you bought or paid for in the past 12 months.</b></p> <p><b>Which time frame is easiest for you to report the amount of <u>cannabis/marijuana oil or liquid taken orally (e.g. drops) you purchased: in a usual week, a usual month, or the past 12 months?</u></b></p> <p>UNIVERSE: USE.RECENT=2,3,4, and LIQUID.PURCHASE=1</p> <p>IF LIQUID_TIMEFRAME=4, skip to LIQUID_THCRATIO.</p>	<p>3= Past 12 months (entire year)</p> <p>4= I did not buy any of the marijuana oil or liquid I used over the past 12 months</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<p><b>Money spent – Liquid or oil taken orally</b></p> <p><b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b></p>	<p><i>TIME FRAME DERIVED FROM LIQUID.TIMEFRAME VARIABLE. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i></p> <p>In total, how much money [past 12 months: "did", other time frames: "do"] you spend on <b><u>cannabis/marijuana oil or liquid taken orally (e.g. drops) [In a usual [week/month] or In the past 12 months]...</u></b></p> <p><b>ENTER DOLLAR AMOUNT:_____</b></p>	

	UNIVERSE: LIQUID.PURCHASE=1	
LIQUID_MONEYr1	Dollar value	[numeric]
noanswerLIQUID_MONEY_r77	Don't know	0=Unchecked 1=Checked
noanswerLIQUID_MONEY_r88	Refuse to answer	0=Unchecked 1=Checked
LIQUID_MONEY_RAW_DV <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b>	Total money (raw - both currencies) spent on cannabis liquid or oil taken orally (e.g. drops), before timeframe applied.	[numeric] -77= Don't know -88= Refuse to answer
LIQUID_MONEY_DV <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b> Based on liquid timeframe (hidLIQUID_TIMEFRAME), derived by multiplying LIQUID_MONEY_RAW_DV amount spent in days by 365, weeks by 52.1429, months by 12, and retaining past 12-month value. <i>Note: \$USD converted to CDN at \$1USD=\$1.33 CDN.</i>	Total money (\$CDN) spent on cannabis liquid or oil taken orally (e.g. drops) in <u>last 12 months.</u>	[numeric] -77= Don't know -88= Refuse to answer
Last purchase - Liquid or oil taken orally <b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b>	<u>The last time you purchased cannabis/marijuana oil or liquid taken orally (e.g. drops), how much did you buy...</u>  [OIL SIZES IMAGE DISPLAYED]  ENTER AMOUNT: _____ [drop-down list: mL/fl oz]	



	UNIVERSE: LIQUID.PURCHASE=1	
LIQUID_LASTPURCHr1	Amount of oil or liquid	[numeric]
noanswerLIQUID_LASTPURCH_r77	Don't know	0=Unchecked 1=Checked
noanswerLIQUID_LASTPURCH_r88	Refuse to answer	0=Unchecked 1=Checked
LIQUID_LASTPURCHAR1  THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2	Unit selected	1= mL 2= fl oz
LIQUID_LASTPURCH_RAW_DV  THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2	Amount (raw - any unit) of cannabis/oil liquid taken orally (e.g. drops) bought at <u>last purchase</u> .	[numeric] -77= Don't know -88= Refuse to answer
LIQUID_LASTPURCH_DV  THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2  Derived by converting oz to mL and retaining mL. <i>Assumed 1 oz = 30 mL.</i>	Amount ( <u>mL</u> ) of cannabis oil/liquid taken orally (e.g. drops) bought at last purchase.  UNIVERSE: LIQUID.PURCHASE=1	[numeric] -77= Don't know -88 = Refuse to answer
Liquid or oil taken orally - Money spent at last purchase  THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2	<u>The last time you purchased cannabis/marijuana oil or liquid taken orally (e.g., drops), how much did you pay for the amount you bought?</u>	

	<p><b>ENTER DOLLAR AMOUNT: _____</b></p> <p>UNIVERSE: LIQUID.PURCHASE=1</p>	
<b>LIQUID_SPENTLASTr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerLIQUID_SPENTLAST_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerLIQUID_SPENTLAST_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>LIQUID_SPENTLAST_RAW_DV</b>	<b>Amount of money (raw - both currencies) spent on cannabis liquid or oil taken orally (e.g. drops) at last purchase.</b>	[numeric] -77= Don't know -88 = Refuse to answer
<p><b>LIQUID_SPENTLAST_DV</b></p> <p><b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b></p> <p><i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i></p>	<p><b>Amount of <u>money</u> (\$CDN) spent on cannabis liquid or oil taken orally (e.g. drops) at <u>last</u> purchase.</b></p> <p>UNIVERSE: LIQUID.PURCHASE=1</p>	[numeric] -77= Don't know -88 = Refuse to answer
<p><b>LIQUID_LASTPURCH_PPML_DV</b></p> <p><b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b></p> <p>Computed by dividing LIQUID_SPENTLAST_DV by LIQUID_LASTPURCH_DV.</p>	<p><b>Price (\$CDN) paid per mL of cannabis liquid or oil taken orally (e.g. drops) at last purchase.</b></p> <p>UNIVERSE: LIQUID.PURCHASE=1</p>	[numeric] -77= Don't know -88 = Refuse to answer

<p><b>LIQUID_THCRATIO</b></p> <p><b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b></p>	<p><b>Which of the following best describes the type of <u>cannabis/marijuana oil or liquid</u> you usually use?</b></p> <p>UNIVERSE: USE.MODES=2</p>	<p>1= High THC, Low CBD</p> <p>2= High THC, High CBD</p> <p>3= Low THC, Low CBD</p> <p>4= Low THC, High CBD</p> <p>5= Other</p> <p>6= I don't know</p> <p>88= Refuse to answer</p>
<p><b>Liquid or oil taken orally- THC and CBD levels</b></p> <p><b>MODIFIED IN W2.</b></p> <p><b>THIS SECTION WAS SPLIT INTO DROPS AND CAPSULES IN W2</b></p>	<p><b>What are the <u>THC and CBD levels</u> in the <u>cannabis/marijuana oil or liquid taken orally (e.g. drops)</u> you usually use?</b></p> <p>UNIVERSE: USE.MODES=2</p>	
<p><b>LIQUID_THC_mg</b></p>	<p><b>mg THC</b></p>	<p>[numeric]</p>
<p><b>LIQUID_THC_percent</b></p>	<p><b>% THC</b></p>	<p>[numeric]</p>
<p><b>LIQUID_THC_DK</b></p>	<p><b>Don't know</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>LIQUID_CBD_mg</b></p>	<p><b>mg CBD</b></p>	<p>[numeric]</p>
<p><b>LIQUID_CBD_percent</b></p>	<p><b>% CBD</b></p>	<p>[numeric]</p>
<p><b>LIQUID_CBD_DK</b></p>	<p><b>Don't know</b></p>	<p>0=Unchecked</p>

		1=Checked
LIQUID_THC_CBD_R	Refuse to answer	0=Unchecked 1=Checked
<b>Cannabis liquid or oil for vaping- Amount</b> <b>MODIFIED IN W2</b>	<p><i>DERIVED TIME FRAME BASED ON RESPONSE TO MODE.FREQUENCY. IF -77 OR -88, USED "PAST 12 MONTHS" LANGUAGE.</i></p> <p><b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how much <u>cannabis/marijuana oil or liquid for vaping</u> [past 12 months: "did"; other time frames: "do"] you use?</b></p> <p><i>[Displayed Liquid for Vaping Image]</i></p> <p>ENTER NUMBER: _____ [drop-down list: g/mL/fl oz/ vape hit(s)/ cartridge(s)]</p> <p>UNIVERSE: MODE.FREQUENCY=1-4 FOR USE.MODES=3.</p>	
hidLIQUID_USE_FREQ	<p><b>Which timeframe did the respondent choose for cannabis oil/liquid for vaping?</b></p> <p><b>(Corresponds to USE_MODES response).</b></p>	1= Usual day 2= Usual week 3= Usual month 4= Past 12 months
LIQUIDVAPE_AMOUNTr1	<b>Amount of cannabis oil/liquid for vaping</b>	[numeric]
noanswerLIQUIDVAPE_AMOUNT_r77	<b>Don't know</b>	0=Unchecked

		1=Checked
<b>noanswerLIQUIDVAPE_AMOUNT_r88</b>	<b>Refuse</b>	0=Unchecked 1=Checked
<b>LIQUIDVAPE_AMOUNTAr1</b>	<b>Unit selected</b>	1= g 2= mL 3= fl oz 4= vape hit(s) 5=cartridge(s)
<b>LIQUIDVAPE_12MOS_DV</b>  Derived by multiplying days by 365, weeks by 52.1429, months by 12 and retaining past 12-month values. <b>Note:</b> when reporting this variable, file must be split by LIQUIDVAPE_AMOUNTAr1, and all 3 units reported separately. There is no reliable way to convert vape hits and cartridges into mL. As such, there is no LIQUIDVAPE_AMOUNT_DV variable.	<b>Amount (any unit) of cannabis oil/liquid for vaping used in <u>past 12 months</u>.</b>	[numeric] -77= Don't know -88 = Refuse to answer
<b>LIQUIDVAPE_AMOUNT_DV</b> <b>MODIFIED IN W2</b>  Assumed 1.1g/mL, 30 oz=1 mL, 0.005 mL per vape hit, and 0.5 mL per cartridge. Retained mL.	<b>Amount (mL) of cannabis oil/liquid for vaping used in <u>past 12 months</u>, among past 12-month liquid for vaping users.</b>	[numeric] -7= Don't know -88= Refuse to answer -99= No past 12-month use

<p><b>Liquid or oil for vaping - Source</b></p> <p><b>MODIFIED IN W2</b></p> <p>Note: USA did not see option 4</p>	<p><b>In the past 12 months, how did you get the <u>cannabis/marijuana oil or liquid for vaping</u> you used?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=3</p> <p><i>Note: if using this variable, please re-code "Other" responses first (LIQUIDVAPE_SOURCE1r7oe).</i></p>	
<p><b>LIQUIDVAPE_SOURCE1r1</b></p>	<p><b>I made my own</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>LIQUIDVAPE_SOURCE1r2</b></p>	<p><b>From a family member or friend</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>LIQUIDVAPE_SOURCE1r3</b></p>	<p><b>From a dealer (in person)</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>LIQUIDVAPE_SOURCE1r4</b></p>	<p><b>Health Canada medical marijuana licenced producer, by mail order [Canada only]</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>LIQUIDVAPE_SOURCE1r5</b></p>	<p><b>Internet delivery service or mail order ["Other" added before this text for Canada only]</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>LIQUIDVAPE_SOURCE1r6</b></p>	<p><b>From a store, co-operative or dispensary (in person)</b></p>	<p>0=Unchecked 1=Checked</p>

LIQUIDVAPE_SOURCE1r7	Other (please specify without providing any identifiable information): _____	0=Unchecked 1=Checked
LIQUIDVAPE_SOURCE1r7oe	Other text	[open-ended]
noanswerLIQUIDVAPE_SOURCE1_r77	Don't know	0=Unchecked 1=Checked
noanswerLIQUIDVAPE_SOURCE1_r88	Refuse to answer	0=Unchecked 1=Checked
Liquid for vaping source - percent MODIFIED IN W2	<p><b>What percent (%) of <u>cannabis/marijuana oil or liquid for vaping</u> that you used in the past 12 months did you get from each source:</b></p> <p><i>[DISPLAYED SOURCES SELECTED IN LIQUID.SOURCE1 WITH NUMERICAL FIELDS FOR ENTRY OF % NUMBERS THAT SUMMED TO 100%]</i></p> <p>UNIVERSE: LIQUIDVAPE.SOURCE= MORE THAN 1 OPTION SELECTED</p>	
LIQUIDVAPE_SOURCE2r1	I made my own	[numeric]
LIQUIDVAPE_SOURCE2r2	From a family member or friend	[numeric]
LIQUIDVAPE_SOURCE2r3	From a dealer (in person)	[numeric]
LIQUIDVAPE_SOURCE2r4	Health Canada medical marijuana licensed producer, by mail order (Canada only)	[numeric]
LIQUIDVAPE_SOURCE2r5	Internet delivery service or mail order	[numeric]

LIQUIDVAPE_SOURCE2r6	From a store, co-operative or dispensary	[numeric]
LIQUIDVAPE_SOURCE2r7	Other	[numeric]
noanswerLIQUIDVAPE_SOURCE2_r77	Don't know	[numeric]
noanswerLIQUIDVAPE_SOURCE2_r88	Refuse to answer	[numeric]
LIQUIDVAPE_PURCHASE MODIFIED IN W2	<p>In the past 12 months, did you buy or pay for any of the <u>cannabis/marijuana oil or liquid for vaping</u> you used?</p> <p>UNIVERSE: USE.MODES=3, past 12-month use</p>	<p>1= Yes 2= No 77= Don't know 88= Refuse to answer</p>
LIQUIDVAPE_TIMEFRAME DELETED IN W2	<p>We'd like to know how much <u>cannabis/marijuana oil or liquid for vaping</u> you bought or paid for in the past 12 months.</p> <p>Which time frame is easiest for you to report the amount of <u>cannabis/marijuana oil or liquid for vaping</u> you purchased: in a usual week, a usual month, or the past 12 months?</p> <p>UNIVERSE: USE.RECENT=2,3,4, and LIQUIDVAPE.PURCHASE=1</p>	<p>1= Usual week 2= Usual month 3= Past 12 months (entire year) 4= I did not buy any of the marijuana oil or liquid I used over the past 12 months 77= Don't know 88= Refuse to answer</p>



	IF LIQUIDVAPE_TIMEFRAME=4, skip to LIQUID_THCRATIO.	
<b>Money spent – Liquid or oil for vaping</b> DELETED IN W2	<i>TIME FRAME DERIVED FROM LIQUIDVAPE.TIMEFRAME VARIABLE. IF -77 OR -88, “PAST 12 MONTHS” LANGUAGE USED.</i>  In total, how much money [past 12 months: “did”, other time frames: “do”] you spend on <b><u>cannabis/marijuana oil or liquid for vaping [In a usual [week/month] or In the past 12 months]....</u></b>  <b>ENTER DOLLAR AMOUNT:_____</b>  UNIVERSE: LIQUIDVAPE.PURCHASE=1	
LIQUIDVAPE_MONEYr1	Dollar value	[numeric]
noanswerLIQUIDVAPE_MONEY_r77	Don’t know	0=Unchecked 1=Checked
noanswerLIQUIDVAPE_MONEY_r88	Refuse to answer	0=Unchecked 1=Checked
LIQUIDVAPE_MONEY_RAW_DV	Total money (raw – both currencies) spent on cannabis liquid or oil for vaping, before timeframe applied.	[numeric] -77= Don’t know -88= Refuse to answer

<p><b>LIQUIDVAPE_MONEY_DV</b></p> <p><b>DELETED IN W2</b></p> <p>Based on liquid vape timeframe (hidLIQUIDVAPE_TIMEFRAME), derived by multiplying LIQUIDVAPE_MONEY_RAW_DV amount spent in days by 365, weeks by 52.1429, months by 12, and retaining past 12-month value.</p> <p><i>Note: \$USD converted to CDN at \$1USD=\$1.33 CDN.</i></p>	<p><b>Total money (\$CDN) spent on cannabis liquid or oil for vaping in <u>last 12 months.</u></b></p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>Last purchase – Liquid or oil for vaping</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b><u>The last time you purchased cannabis/marijuana oil or liquid for vaping, how much did you buy...</u></b></p> <p><i>[OIL SIZES IMAGE DISPLAYED]</i></p> <p>ENTER AMOUNT: _____ [drop-down list: mL/fl oz]</p> <p>UNIVERSE: LIQUIDVAPE.PURCHASE=1</p>	
<p><b>LIQUID_LASTPURCHr1</b></p>	<p><b>Amount of oil or liquid for vaping</b></p>	<p>[numeric]</p>
<p><b>noanswerLIQUID_LASTPURCH_r77</b></p>	<p><b>Don't know</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>noanswerLIQUID_LASTPURCH_r88</b></p>	<p><b>Refuse to answer</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>LIQUID_LASTPURCHAR1</b></p>	<p><b>Unit selected</b></p>	<p>1= g</p> <p>2= mL</p>

		3= fl oz 4= cartridge(s)
<b>LIQUIDVAPE_LASTPURCH_RAW_DV</b>	<b>Amount (raw - any unit) of cannabis/oil liquid for vaping bought at <u>last purchase</u>.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>LIQUIDVAPE_LASTPURCH_DV</b> Derived by converting oz to mL and retaining mL. <i>Assumed 1 oz = 30 mL, 1 g=1.1 mL, and 1 cartridge =0.5 mL.</i>	<b>Amount (mL) of cannabis oil/liquid for vaping bought at last purchase.</b>  UNIVERSE: LIQUIDVAPE.PURCHASE=1	[numeric] -77= Don't know -88 = Refuse to answer
<b>Liquid for vaping - Money spent at last purchase</b> <b>MODIFIED IN W2</b>	<b><u>The last time you purchased cannabis/marijuana oil or liquid for vaping, how much did you pay for the amount you bought?</u></b>  ENTER DOLLAR AMOUNT: _____  UNIVERSE: LIQUIDVAPE.PURCHASE=1	
<b>LIQUIDVAPE_SPENTLASTr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerLIQUIDVAPE_SPENTLAST_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerLIQUIDVAPE_SPENTLAST_r88</b>	<b>Refuse to answer</b>	0=Unchecked

		1=Checked
<b>LIQUIDVAPE_SPENTLAST_RAW_DV</b>	<b>Amount of money (raw - both currencies) spent on cannabis liquid or oil for vaping at last purchase.</b>	[numeric] -77= Don't know -88 = Refuse to answer
<b>LIQUIDVAPE_SPENTLAST_DV</b> <b>DELETED IN W2</b> <i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i>	<b>Amount of money (\$CDN) spent on cannabis liquid or oil for vaping at last purchase.</b> UNIVERSE: LIQUIDVAPE.PURCHASE=1	[numeric] -77= Don't know -88 = Refuse to answer
<b>LIQUIDVAPE_LASTPURCH_PPML_DV</b> <b>DELETED IN W2</b> Computed by dividing LIQUIDVAPE_SPENTLAST_DV by LIQUIDVAPE_LASTPURCH_DV.	<b>Price (\$CDN) paid per mL of cannabis liquid or oil for vaping at last purchase.</b> UNIVERSE: LIQUIDVAPE.PURCHASE=1	[numeric] -77= Don't know -88 = Refuse to answer
<b>LIQUIDVAPE_THCRATIO</b> <b>MODIFIED IN W2</b>	<b>Which of the following best describes the type of <u>cannabis/marijuana oil or liquid for vaping</u> you usually use?</b>  UNIVERSE: USE.MODES=3	1= High THC, Low CBD 2= High THC, High CBD 3= Low THC, Low CBD 4= Low THC, High CBD 5= Other 6= I don't know

		88= Refuse to answer
<b>Liquid or oil for vaping – THC and CBD levels</b> <b>MODIFIED IN W2</b>	<b>What are the <u>THC and CBD levels in the cannabis/marijuana oil or liquid for vaping</u> you usually use?</b>  UNIVERSE: USE.MODES=3	
<b>LIQUIDVAPE_THC_mg</b>	<b>mg THC</b>	[numeric]
<b>LIQUIDVAPE_THC_percent</b>	<b>% THC</b>	[numeric]
<b>LIQUIDVAPE_THC_DK</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>LIQUIDVAPE_CBD_mg</b>	<b>mg CBD</b>	[numeric]
<b>LIQUIDVAPE_CBD_percent</b>	<b>% CBD</b>	[numeric]
<b>LIQUIDVAPE_CBD_DK</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>LIQUIDVAPE_THC_CBD_R</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked

<b>Edibles – Amount</b>	<p><i>DERIVED TIME FRAME BASED ON RESPONSE TO MODE.FREQUENCY. IF -77 OR -88, USED “PAST 12 MONTHS” LANGUAGE.</i></p> <p><b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how many <u>times</u> [past 12 months: “did”; other time frames “do”] you eat <u>edible marijuana products</u>?</b></p> <p><b>[Check boxes: 0, 1, Enter number greater than 1: _____] times</b></p> <p>UNIVERSE: IF MODE.FREQUENCY=1-4 FOR USE.MODES=4</p>	
<b>hidEDIBLE_USE_FREQUENCY</b>	<p><b>Which timeframe did the respondent choose for edibles?</b></p> <p><b>(Corresponds to USE_MODES response).</b></p>	<p>1= Usual day 2= Usual week 3= Usual month 4= Past 12 months</p>
<b>EDIBLE_AMOUNT</b>  <b>MODIFIED IN W2</b>	<p><b>Number of times edibles consumed</b></p>	<p>1= 0 2=Less than 1 3= 1 4= Enter number greater than 1 77= Don’t know 88= Refuse to answer</p>

EDIBLE_AMOUNTTr4oe	Number greater than 1	[numeric]
EDIBLE_AMOUNT_RAW_DV	Number of times eaten edible products (raw - before timeframe applied).	[numeric] -77= Don't know -88 = Refuse to answer
<b>EDIBLE_AMOUNT_DV</b> <b>MODIFIED IN W2</b>  Derived based on EDIBLE_AMOUNT and EDIBLE.AMOUNTr3oe and multiply days by 365, weeks by 52.1429 and months by 12 based on time-frame selected (hidEDIBLE_TIMEFRAME).	Number of times eaten edible products in <b>past 12 months</b> , among past 12-month edible users.	[numeric] -77= Don't know -88 = Refuse to answer -99= No past 12-month use
<b>EDIBLE_THCKNOWLEDGE</b> <b>MODIFIED IN W2</b>	Do you how much <b>THC</b> is in one standard serving of an <b>edible marijuana product</b> ?	1= Yes 2= No 77= Don't know 88= Refuse to answer
<b>Edibles - THC and CBD levels</b> <b>MODIFIED IN W2</b>	How much <b>THC</b> is in one standard serving of an <b>edible marijuana product</b> ?  <b>ENTER AMOUNT: ____ [mg THC] or ____ [% THC]</b>  UNIVERSE: EDIBLE.THCKNOWLEDGE = 1	

EDIBLE_THCAMOUNT_r1c1	mg THC	[numeric]
EDIBLE_THCAMOUNT_r1c2	% THC	[numeric]
noanswerEDIBLE_THCAMOUNT_r77	Don't know	0=Unchecked 1=Checked
noanswerEDIBLE_THCAMOUNT_r88	Refuse to answer	0=Unchecked 1=Checked
EDIBLE_DOSE  MODIFIED IN W2	When you eat <b>edible marijuana products</b> , do you try to consume a specific amount of <b>THC</b> ?  UNIVERSE: EDIBLE.THCKNOWLEDGE=1 AND USE.MODES=4	1= Yes 2= No 77= Don't know 88= Refuse to answer
Edibles - Dose consumed	What amount of <b>THC</b> do you usually try to consume?  ENTER AMOUNT: _____ mg THC <b>OR</b> _____ % THC  UNIVERSE: EDIBLE.DOSE=1 AND USE.MODES=4	
EDIBLE_DOSEAMOUNT_r1c1	mg THC	[numeric]
EDIBLE_DOSEAMOUNT_r1c2	% THC	[numeric]



<b>Edibles – Source</b> <b>MODIFIED IN W2</b>	<p>In the <b>past 12 months</b>, how did you get the <b>edible marijuana products</b> you ate?</p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=4</p> <p><i>Note: if using this variable, please re-code “Other” responses first (EDIBLE_SOURCE1r7oe).</i></p>	
<b>EDIBLE_SOURCE1r1</b>	<b>I made my own</b>	0=Unchecked 1=Checked
<b>EDIBLE_SOURCE1r2</b>	<b>From a family member or friend</b>	0=Unchecked 1=Checked
<b>EDIBLE_SOURCE1r3</b>	<b>From a dealer (in person)</b>	0=Unchecked 1=Checked
<b>EDIBLE_SOURCE1r4</b>	<b>Health Canada medical marijuana licenced producer, by mail order [Canada only]</b>	0=Unchecked 1=Checked
<b>EDIBLE_SOURCE1r5</b>	<b>Internet delivery service or mail order [“Other” added before this text for Canada only]</b>	0=Unchecked 1=Checked
<b>EDIBLE_SOURCE1r6</b>	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked
<b>EDIBLE_SOURCE1r7</b>	<b>Other (please specify without providing any identifiable information): _____</b>	0=Unchecked 1=Checked

EDIBLE_SOURCE1r7oe	Other text	[open-ended]
EDIBLE_SOURCE1r77	Don't know	0=Unchecked 1=Checked
EDIBLE_SOURCE1r88	Refuse to answer	0=Unchecked 1=Checked
Edibles source - Percent <b>MODIFIED IN W2</b>	<p><b>What percent (%) of <u>edible marijuana products</u> did you get from each source:</b></p> <p><b>[DISPLAYED SOURCES SELECTED FROM EDIBLE.SOURCE1 WITH NUMERIC FIELDS FOR % NUMBERS THAT SUMMED TO 100%]</b></p> <p>UNIVERSE: IF EDIBLE.SOURCE1 = MORE THAN 1 OPTION SELECTED</p>	
EDIBLE_SOURCE2r1	I made my own	[numeric]
EDIBLE_SOURCE2r2	From a family member or friend	[numeric]
EDIBLE_SOURCE2r3	From a dealer (in person)	[numeric]
EDIBLE_SOURCE2r4	Health Canada medical marijuana licensed producer <i>(Canada only)</i>	[numeric]
EDIBLE_SOURCE2r5	Internet delivery service (" <i>Other</i> " added before text for Canada only)	[numeric]
EDIBLE_SOURCE2r6	From a store, co-operative or dispensary	[numeric]
EDIBLE_SOURCE2r7	Other [text displayed from EDIBLE.SOURCE1]	[numeric]

noanswerEDIBLE_SOURCE2_r77	Don't know	0=Unchecked 1=Checked
noanswerEDIBLE_SOURCE2_r88	Refuse to answer	0=Unchecked 1=Checked
EDIBLE_PURCHASE MODIFIED IN W2	In the past 12 months, did you buy or pay for any of the <u>edible marijuana products</u> you ate?  UNIVERSE: USE.MODES=4, past 12-month use	1= Yes 2= No 77= Don't know 88= Refuse to answer
EDIBLE_TIMEFRAME DELETED IN W2	We would like to know how many edible marijuana products you bought or paid for.  Which time frame is easiest for you to report the amount of <u>edible marijuana products</u> you purchased: in a usual week, a usual month, or the past 12 months?  UNIVERSE: USE.RECENT=2,3,4, EDIBLE.PURCHASE=1  IF EDIBLE_TIMEFRAME=4, skip to EDIBLE_THCRATIO.	1= Usual week 2= Usual month 3= Past 12 months (entire year) 4= I did not buy any of the edible marijuana products I ate over the past 12 months 77= Don't know 88= Refuse to answer

<b>Money spent – Edibles</b> DELETED IN W2	<i>TIME FRAME DERIVED FROM EDIBLE.TIMEFRAME VARIABLE. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i>  <b>In total, how much money [past 12 months: "did", other time frames: "do"] you spend on <u>edible marijuana products</u> [In a typical [day/week/month/ or In the past 12 months]....</b>  <b>ENTER DOLLAR VALUE: _____</b>  UNIVERSE: EDIBLE.PURCHASE=1	
EDIBLE_MONEYr1	Dollar value	[numeric]
noanswerEDIBLE_MONEY_r77	Don't know	0=Unchecked 1=Checked
noanswerEDIBLE_MONEY_r88	Refuse	0=Unchecked 1=Checked
EDIBLE_MONEY_RAW_DV	Total money (raw - both currencies spent on edible marijuana products, before timeframe applied.	[numeric] -77= Don't know -88= Refuse to answer
EDIBLE_MONEY_DV DELETED IN W2	Total money (\$CDN) spent on edible marijuana products in the <u>past 12 months</u> .	[numeric] -77= Don't know -88= Refuse to answer

Derived by multiplying amount spent in days by 365, weeks by 52.1429, months by 12, and retaining past 12-month value.		
<b>Last purchase - Edibles</b> <b>MODIFIED IN W2</b>	<b><u>THE LAST TIME</u> you bought <u>edible marijuana products</u>, how many products did you buy?</b>  [Displayed <i>Cookie</i> image]  <b>ENTER NUMBER OF PRODUCTS:</b> _____(each package = 1 product)  UNIVERSE: EDIBLE.PURCHASE=1	
EDIBLE_LASTPURCHr1	Number of products	[numeric]
noanswerEDIBLE_LASTPURCH_r77	Don't know	0=Unchecked 1=Checked
noanswerEDIBLE_LASTPURCH_r88	Refuse to answer	0=Unchecked 1=Checked
EDIBLE_LASTPURCH_DV	Number of edible products bought at <b><u>last purchase</u></b> .	[numeric]  -77= Don't know -88= Refuse to answer
<b>Edibles - Money spent at last purchase</b> <b>MODIFIED IN W2</b>	<b><u>THE LAST TIME</u> you bought <u>edible marijuana products</u>, how much did you pay for the amount you bought?</b>  <b>ENTER DOLLAR VALUE: _____</b>	

	UNIVERSE: EDIBLE.PURCHASE=1	
EDIBLE_SPENTLASTr1	Dollar value	[numeric]
noanswerEDIBLE_SPENTLAST_r77	Don't know	0=Unchecked 1=Checked
noanswerEDIBLE_SPENTLAST_r77	Refuse to answer	0=Unchecked 1=Checked
EDIBLE_SPENTLAST_RAW_DV	Amount of money (raw - both currencies) spent on edibles at <u>last purchase</u> .	[numeric] -77= Don't know -88= Refuse to answer
EDIBLE_SPENTLAST_DV <b>DELETED IN W2</b>  <i>Note: USD converted to \$CDN at \$USD=\$1.33.</i>	Amount of money (\$CDN) spent on edibles at <u>last purchase</u> . UNIVERSE: EDIBLE.PURCHASE=1	[numeric] -77= Don't know -88= Refuse to answer
EDIBLE_LASTPURCH_PPP_DV <b>DELETED IN W2</b>  Computed by dividing EDIBLE_SPENTLAST_DV by EDIBLE_LASTPURCH_DV.	Price (\$CDN) paid per edible product at <u>last purchase</u> . UNIVERSE: EDIBLE.PURCHASE=1	[numeric] -77= Don't know -88= Refuse to answer

<b>EDIBLES_THCRATIO</b> <b>MODIFIED IN W2</b>	<b>Which of the following best describes the type of <u>edible marijuana product</u> you usually use?</b>  UNIVERSE: USE.MODES=4	1= High THC, Low CBD 2= High THC, High CBD 3= Low THC, Low CBD 4= Low THC, High CBD 5=Other 6= I don't know 88= Refuse to answer
<b>Edibles - THC and CBD levels</b> <b>MODIFIED IN W2</b>	<b>What are the <u>THC and CBD levels</u> in the <u>edible marijuana products</u> you usually consume?</b>  UNIVERSE: USE.MODES=4	
<b>EDIBLE_THC_mg</b>	<b>mg THC</b>	[numeric]
<b>EDIBLE_THC_percent</b>	<b>% THC</b>	[numeric]
<b>EDIBLE_THC_DK</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>EDIBLE_CBD_mg</b>	<b>mg CBD</b>	[numeric]
<b>EDIBLE_CBD_percent</b>	<b>% CBD</b>	[numeric]

EDIBLE_CBD_DK	Don't know	0=Unchecked 1=Checked
EDIBLE_THC_CBD_R	Refuse to answer	0=Unchecked 1=Checked
Drinks - Amount MODIFIED IN W2	<p><i>TIME FRAME DERIVED BASED ON RESPONSE TO MODE.FREQUENCY. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i></p> <p><b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how many <u>drinks containing marijuana (e.g., cola, tea)</u> [past 12 months: "did", other time frames: "do"] you drink?</b></p> <p><b>[check-boxes]</b></p> <p>UNIVERSE: IF MODE.FREQUENCY=1-4 FOR USE.MODES=5</p>	
hidDRINKS_USE_FREQUENCY	Which timeframe did the respondent choose for marijuana drinks? (Corresponds to USE_MODES response).	1= Usual day 2= Usual week 3= Usual month 4= Past 12 months
DRINKS_AMOUNT	Amount	1= 0 2= Less than 1 3= 1



		<p>4= Enter number greater than 1</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>DRINKS_AMOUNTr4oe</b>	<b>Number greater than 1</b>	[numeric]
<b>DRINKS_AMOUNT_RAW_DV</b>	<b>Number of drinks containing marijuana consumed, before timeframe applied.</b>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>DRINKS_AMOUNT_DV</b></p> <p><b>MODIFIED IN W2</b></p> <p>Derived by multiplying days by 365, weeks by 52.1429, months by 12 and retaining past 12-month value.</p> <p><i>Note: "0.5 drinks" was used for "less than 1".</i></p>	<b>Number of drinks containing marijuana consumed in the <u>past 12 months</u>, among past 12-month drink users.</b>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p> <p>-99= No past 12-month use</p>
<p><b>Drinks - Source</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>In the past 12 months, how did you get the <u>drinks containing marijuana (e.g., cola, tea)</u> you drank? SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=5</p>	

	<b>Note:</b> if using this variable, please re-code "Other" responses first (DRINKS_SOURCE1r7oe).	
DRINKS_SOURCE1r1	<b>I made my own</b>	0=Unchecked 1=Checked
DRINKS_SOURCE1r2	<b>From a family member or friend</b>	0=Unchecked 1=Checked
DRINKS_SOURCE1r3	<b>From a dealer (in person)</b>	0=Unchecked 1=Checked
DRINKS_SOURCE1r4	<b>Health Canada medical marijuana licenced producer, by mail order [Canada only]</b>	0=Unchecked 1=Checked
DRINKS_SOURCE1r5	<b>Internet delivery service or mail order ["Other" added before this text for Canada only]</b>	0=Unchecked 1=Checked
DRINKS_SOURCE1r6	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked
DRINKS_SOURCE1r7	<b>Other (please specify without providing any identifiable information): _____</b>	0=Unchecked 1=Checked
DRINKS_SOURCE1r7oe	<b>Other text</b>	[open-ended]
DRINKS_SOURCE1r77	<b>Don't know</b>	0=Unchecked 1=Checked
DRINKS_SOURCE1r88	<b>Refuse to answer</b>	0=Unchecked

		1=Checked
<b>Drinks source - Percent</b> <b>MODIFIED IN W2</b>	<p><b>What percent (%) of <u>drinks containing marijuana (e.g., cola, tea)</u> did you get from each source:</b></p> <p><i>[DISPLAYED SOURCES SELECTED FROM DRINKS.SOURCE1 WITH NUMERIC FIELDS FOR % NUMBERS THAT SUMMED TO 100%]</i></p> <p>UNIVERSE: IF DRINKS.SOURCE1= MORE THAN 1 OPTION SELECTED</p>	
<b>DRINKS_SOURCE2r1</b>	<b>I made my own</b>	[numeric]
<b>DRINKS_SOURCE2r2</b>	<b>From a family member or friend</b>	[numeric]
<b>DRINKS_SOURCE2r3</b>	<b>From a dealer (in person)</b>	[numeric]
<b>DRINKS_SOURCE2r4</b>	<b>Health Canada medical marijuana licensed producer, by mail order (Canada only)</b>	[numeric]
<b>DRINKS_SOURCE2r5</b>	<b>Internet delivery service or mail order</b>	[numeric]
<b>DRINKS_SOURCE2r6</b>	<b>From a store, co-operative or dispensary</b>	[numeric]
<b>DRINKS_SOURCE2r7</b>	<b>Other</b>	[numeric]
<b>noanswerDRINKS_SOURCE2_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked

noanswerDRINKS_SOURCE2_r88	Refuse to answer	0=Unchecked 1=Checked
DRINKS_PURCHASE MODIFIED IN W2	In the past 12 months, did you buy or pay for any of the <b><u>drinks containing marijuana (e.g., cola, tea)</u></b> you drank?  UNIVERSE=USE.MODES=5, past 12 months	1= Yes 2= No 77= Don't know 88= Refuse to answer
DRINKS_TIMEFRAME DELETED IN W2	We would like to know how many <b><u>drinks containing marijuana (e.g., cola, tea)</u></b> you bought or paid for.  Which time frame is easiest for you to report the amount of <b><u>drinks containing marijuana (e.g., cola, tea)</u></b> you purchased: in a usual week, a usual month, or in the past 12 months?  UNIVERSE: USE.RECENT=2,3,4, DRINKS.PURCHASE=1  IF DRINKS_TIMEFRAME=4, skip to DRINKS_THCRATIO.	1= Usual week 2= Usual month 3= Past 12 months (entire year) 4= I did not buy any of the marijuana drinks I used over the past year 77= Don't know 88= Refuse to answer
Money spent - Drinks DELETED IN W2	<i>TIME FRAME POPULATED WITH [DRINKS.TIMEFRAME] VARIABLE. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i>	

	<p><b>In total, how much money [past 12 months: “did”, other time frames: “do”] you spend on <u>drinks containing marijuana (e.g., cola, tea)</u> [In a typical [day/week/month/ or In the past 12 months]....</b></p> <p><b>ENTER DOLLAR VALUE: _____</b></p> <p>UNIVERSE: DRINKS.PURCHASE=1</p>	
<b>DRINKS_MONEYr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerDRINKS_MONEY_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerDRINKS_MONEY_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>DRINKS_MONEY_RAW_DV</b>	<b>Money spent (raw –both currencies) on drinks, before timeframe applied.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>DRINKS_MONEY_DV</b> <b>DELETED IN W2</b>  Based on drinks USE.MODE timeframe, derived by multiplying amount spent per week by 52.1429, month by 12, and retaining past 12-month value.	<b>Money spent (\$CDN) on drinks in the past 12 months.</b>	[numeric] -77= Don't know -88= Refuse to answer

<p>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</p>		
<p><b>Last purchase - Drinks</b></p>	<p><b><u>The last time you bought drinks containing marijuana (e.g., cola, tea), how many did you buy?</u></b></p> <p>[DISPLAYED DRINK IMAGE]</p> <p>[Check boxes]</p> <p>UNIVERSE: DRINKS.PURCHASE=1</p>	
<p><b>DRINKS_LASTPURCH</b></p> <p>MODIFIED IN W2</p>	<p><b>Number of drinks</b></p>	<p>1= 0</p> <p>2= 1</p> <p>3= Enter number greater than 1</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<p><b>DRINKS_LASTPURCHr3oe</b></p>	<p><b>Amount greater than 1</b></p>	<p>[open-ended]</p>
<p><b>DRINKS_LASTPURCH_DV</b></p>	<p><b>Number of drinks bought at <u>last purchase.</u></b></p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>Drinks - money spent at last purchase</b></p> <p>MODIFIED IN W2</p>	<p><b><u>The last time you bought drinks containing marijuana (e.g., cola, tea),</u></b></p>	

	<p><b>how much did you pay for the amount you bought?</b></p> <p><b>ENTER DOLLAR AMOUNT: _____</b></p> <p>UNIVERSE: DRINKS.PURCHASE=1</p>	
<b>DRINKS_SPENTLASTr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerDRINKS_SPENTLAST_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerDRINKS_SPENTLAST_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>DRINKS_SPENTLAST_RAW_DV</b>	<b>Amount of money (raw - both currencies) spent on drinks at <u>last purchase</u>.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>DRINKS_SPENTLAST_DV</b> <b>DELETED IN W2</b>  <i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i>	<b>Amount of money (\$CDN) spent on drinks at <u>last purchase</u>.</b>  UNIVERSE: DRINKS.PURCHASE=1	[numeric] -77= Don't know -88= Refuse to answer
<b>DRINKS_LASTPURCH_PPP_DV</b> <b>DELETED IN W2</b>	<b>Price (\$CDN) paid per product (drink) at last purchase.</b>	[numeric] -77= Don't know

Computed by dividing DRINKS_SPENTLAST_DV by DRINKS_LASTPURCH_DV.	UNIVERSE: DRINKS.PURCHASE=1	-88= Refuse to answer
<b>DRINKS_THCRATIO</b> <b>MODIFIED IN W2</b>	<b>Which of the following best describes the type of <u>drinks containing marijuana (e.g., cola, tea)</u> you usually use?</b>  UNIVERSE: USE.MODES=5	1= High THC, Low CBD 2= High THC, High CBD 3= Low THC, Low CBD 4= Low THC, High CBD 5=Other 6= I don't know 88= Refuse to answer
<b>Drinks - THC and CBD levels</b> <b>MODIFIED IN W2</b>	<b>What are the <u>THC and CBD levels</u> in the <u>drinks containing marijuana (e.g., cola, tea)</u> you usually use?</b>  UNIVERSE: USE.MODES=5	
<b>DRINKS_THC_mg</b>	<b>mg THC</b>	0=Unchecked 1=Checked
<b>DRINKS_THC_percent</b>	<b>% THC</b>	0=Unchecked 1=Checked
<b>DRINKS_THC_DK</b>	<b>Don't know</b>	0=Unchecked



		1=Checked
<b>DRINKS_CBD_mg</b>	<b>mg CBD</b>	0=Unchecked 1=Checked
<b>DRINKS_CBD_percent</b>	<b>% CBD</b>	0=Unchecked 1=Checked
<b>DRINKS_CBD_DK</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>DRINKS_THC_CBD_R</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>Concentrate - Amount</b> <b>MODIFIED IN W2</b>	<p><i>DERIVED TIME FRAME BASED ON RESPONSE TO MODE.FREQUENCY. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i></p> <p><b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how much <u>concentrate</u> (e.g., wax, shatter, budder, etc.), [past 12 months: "did"; other time frames: "do"] you use? (Do <u>not</u> include tinctures.)</b></p> <p><i>[Displayed concentrate image]</i></p> <p><b>ENTER NUMBER: _____ [drop-down list: gram(s)/hit(s)/toke(s)/dab(s)]</b></p> <p>UNIVERSE: IF MODE.FREQUENCY=1-4 FOR USE.MODES=6</p>	

<b>hidCONCEN_USE_FREQUENCY</b>	<b>Which timeframe did the respondent select for concentrates? (Corresponds to USE_MODES response).</b>	1= Usual day 2= Usual week 3= Usual month 4= Past 12 months
<b>CONCEN_AMOUNTr1</b>	<b>Number</b>	[numeric]
<b>noanswerCONCEN_AMOUNT_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerCONCEN_AMOUNT_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>CONCEN_AMOUNTAr1</b> <b>MODIFIED IN W2</b>	<b>Unit selected</b>	1= gram(s) 2= hit(s) 3= toke(s) 4= dab(s)
<b>CONCEN_12MOS_DV</b> <b>DELETED IN W2</b>  Derived by multiplying days by 365, weeks by 52.1429, months by 12 and retaining past 12-month values. Note: when reporting this variable, file must be split by CONCEN_AMOUNTAr1, and all 4 units reported separately.	<b>Amount of concentrate (any unit) used in past 12 months.</b>  UNIVERSE: IF MODE.FREQUENCY=1-4 FOR USE.MODES=6	[numeric]  -77= Don't know  -88= Refuse to answer

<p><b>CONCEN_AMOUNT_DV</b>  <b>MODIFIED IN W2</b></p> <p>Assumed 20 hits/tokes/dabs per gram; therefore 1 hit or toke=0.05 g.</p>	<p><b>Amount of concentrate (g) used in <u>past 12 months</u>, among past 12-month concentrate users.</b></p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p> <p>-99= No past 12-month use</p>
<p><b>Concentrate - Type</b></p>	<p><b>Over the past 12 months, what <u>type(s)</u> of <u>concentrate</u> did you use? (Do <u>not</u> include tinctures.)</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.MODES=6</p>	
<p><b>CONCEN_TYPER1</b></p>	<p><b>Wax</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>CONCEN_TYPER2</b></p>	<p><b>Shatter</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>CONCEN_TYPER3</b></p>	<p><b>Budder</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>CONCEN_TYPER4</b></p>	<p><b>CO<sub>2</sub> oil</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>CONCEN_TYPER5</b></p>	<p><b>Butane honey oil</b></p>	<p>0=Unchecked</p>

		1=Checked
<b>CONCEN_TYPER6</b>	<b>Hash oil</b>	0=Unchecked 1=Checked
<b>CONCEN_TYPER7</b>	<b>Crumble</b>	0=Unchecked 1=Checked
<b>CONCEN_TYPER8</b>	<b>Sap</b>	0=Unchecked 1=Checked
<b>CONCEN_TYPER9</b>	<b>Pull-and-snap</b>	0=Unchecked 1=Checked
<b>CONCEN_TYPER10</b>	<b>Resin</b>	0=Unchecked 1=Checked
<b>CONCEN_TYPER11</b>	<b>Rosin</b>	0=Unchecked 1=Checked
<b>CONCEN_TYPER12</b>	<b>Other</b>	0=Unchecked 1=Checked
<b>CONCEN_TYPER12oe</b>	<b>Other text</b>	[open-ended]
<b>CONCEN_TYPER77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>CONCEN_TYPER88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked

<p><b>Concentrate - Source</b></p> <p><b>MODIFIED IN W2</b></p>	<p><i>[TYPE] POPULATED WITH TYPE(S) SELECTED IN CONCEN.TYPE.</i></p> <p><b>In the past 12 months, how did you get the <u>concentrate</u> (e.g., [TYPE]) you used? (Do <u>not</u> include tinctures.)</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=6</p> <p><i>Note: if using this variable, please re-code "Other" responses first (CONCEN_SOURCE1r7oe).</i></p>	
<p><b>CONCEN_SOURCE1r1</b></p>	<p><b>I made my own</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>CONCEN_SOURCE1r2</b></p>	<p><b>From a family member or friend</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>CONCEN_SOURCE1r3</b></p>	<p><b>From a dealer (in person)</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>CONCEN_SOURCE1r4</b></p>	<p><b>Health Canada medical marijuana licensed producer (Canada only)</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>CONCEN_SOURCE1r5</b></p>	<p><b>Internet delivery service (<i>"Other" added before text for Canada only</i>)</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>CONCEN_SOURCE1r6</b></p>	<p><b>From a store, co-operative or dispensary</b></p>	<p>0=Unchecked</p>

		1=Checked
CONCEN_SOURCE1r7	Other	0=Unchecked 1=Checked
CONCEN_SOURCE1r7oe	Other text	[open-ended]
CONCEN_SOURCE1r77	Don't know	0=Unchecked 1=Checked
CONCEN_SOURCE1r88	Refuse to answer	0=Unchecked 1=Checked
<b>Concentrate source - percent</b> <b>MODIFIED IN W2</b>	<i>TYPE POPULATED WITH TYPE(S) SELECTED IN CONCEN.TYPE.</i>  <b>What percent (%) of <u>concentrate</u> did you get from each source:</b>  <i>[DISPLAYED SOURCES SELECTED FROM CONCEN.SOURCE1 WITH NUMERIC FIELDS FOR % NUMBERS THAT SUMMED TO 100%]</i>  UNIVERSE: CONCEN.SOURCE1 = MORE THAN 1 OPTION SELECTED	
CONCEN_SOURCE2r1	I made my own	[numeric]
CONCEN_SOURCE2r2	From a family member or friend	[numeric]
CONCEN_SOURCE2r3	From a dealer (in person)	[numeric]
CONCEN_SOURCE2r4	Health Canada medical marijuana licensed producer (Canada only)	[numeric]

CONCEN_SOURCE2r5	<b>Internet delivery service</b> ( <i>“Other” added before text for Canada only</i> )	[numeric]
CONCEN_SOURCE2r6	<b>From a store, co-operative or dispensary</b>	[numeric]
CONCEN_SOURCE2r7	<b>Other</b> [text displayed from EDIBLE.SOURCE1]	[numeric]
noanswerCONCEN_SOURCE2_r77	<b>Don’t know</b>	0=Unchecked 1=Checked
noanswerCONCEN_SOURCE2_r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>Concentrate - Ingestion method</b> <b>MODIFIED IN W2</b>	<p><i>TYPE POPULATED WITH TYPE(S) SELECTED IN CONCEN.TYPE.</i></p> <p><b>Of <u>all</u> the marijuana <u>concentrate</u> that you use, what percent (%) do you.....</b></p> <p><b>[NUMERIC FIELD FOR EACH TYPE SELECTED, WITH NUMBERS SUMMING TO 100%]</b></p> <p>UNIVERSE: USE.MODES=6</p>	
PERCENT_CONCENTRATER1	<b>Smoke</b>	[numeric]
PERCENT_CONCENTRATER2	<b>Vape</b>	[numeric]
PERCENT_CONCENTRATER3	<b>Other (please specify)</b>	[numeric]
PERCENT_CONCENTRATER3oe	<b>Other text</b>	[open-ended]

noanswerPERCENT_CONCENTRATE_r77	Don't know	0=Unchecked 1=Checked
noanswerPERCENT_CONCENTRATE_r88	Refuse to answer	0=Unchecked 1=Checked
PERCENT_CONCENTRATEr1_RECODED_DV	Smoke (including Other - dabbing or hot knives)	[numeric]
PERCENT_CONCENTRATEr2_RECODED_DV	Vape	[numeric]
PERCENT_CONCENTRATEr3_RECODED_DV	Other	[numeric]
noanswerPERCENT_CONCENTRATE_r77_RECODED_DV	Don't know	0=Unchecked 1=Checked
noanswerPERCENT_CONCENTRATE_r88_RECODED_DV	Refuse to answer	0=Unchecked 1=Checked
CONCEN_PURCHASE	<b>In the past 12 months, did you buy or pay for any of the <u>concentrate</u> you used?</b>  UNIVERSE: USE.MODES=6, past 12-month use	1= Yes 2= No 77= Don't know 88= Refuse to answer
CONCEN_TIMEFRAME <b>DELETED IN W2</b>	<i>TYPE POPULATED WITH TYPE(S) SELECTED IN CONCEN.TYPE.</i>  <b>We would like to know how much concentrate you bought or paid for.</b>  <b>Which time frame is easiest for you to report the amount of <u>concentrate</u> (e.g.,</b>	1= Usual week 2= Usual month 3= Past 12 months (entire year)



	<p><b>[TYPE]] you purchased: in a usual week, a usual month, or in the past 12 months?</b></p> <p>UNIVERSE: USE.RECENT=2,3,4, and CONCEN.PURCHASE=1</p> <p>IF CONCEN_TIMEFRAME=4, skip to CONCEN_THCRATIO.</p>	<p>4= I did not buy any of the concentrate I used over the past year</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<p><b>Money spent - Concentrate</b></p> <p><b>DELETED IN W2</b></p>	<p><i>TYPE POPULATED WITH TYPE(S) SELECTED IN CONCEN.TYPE.</i></p> <p><b>In total, how much money [past 12 months: "did", other time frames: "do"] you spend on <u>concentrate</u> (e.g., [TYPE]) [in a typical [day/week/month/ or in the past 12 months]....</b></p> <p><b>ENTER DOLLAR VALUE: _____</b></p> <p>UNIVERSE: CONCEN.PURCHASE=1, POPULATE TIME FRAME WITH [CONCEN.TIMEFRAME] VARIABLE.</p> <p>If -77 or -88, use "past 12 months" language.</p>	
<p><b>CONCEN_MONEYr1</b></p>	<p><b>Dollar value</b></p>	<p>[numeric]</p>

noanswerCONCEN_MONEY_r77	Don't know	0=Unchecked 1=Checked
noanswerCONCEN_MONEY_r88	Refuse to answer	0=Unchecked 1=Checked
CONCEN_MONEY_RAW_DV	Amount of money (raw - both currencies) spent on concentrate, before timeframe applied	[numeric] -77 = Don't know -88= Refuse to answer
<p>CONCEN_MONEY_DV</p> <p><b>DELETED IN W2</b></p> <p>Based on concentrate timeframe, derived by multiplying amount spent per week by 52.1429, per month by 12, and retaining past 12-month value.</p> <p><i>Note: USD converted to \$CDN at \$USD=\$1.33.</i></p>	Amount of money (\$CDN) spent on concentrate in <u>past 12 months.</u>	[numeric] -77 = Don't know -88= Refuse to answer
<p><b>Last purchase - Concentrate</b></p> <p><b>MODIFIED IN W2</b></p>	<p><i>TYPE POPULATED WITH TYPE(S) SELECTED IN CONCEN.TYPE.</i></p> <p><b>The last time you bought <u>concentrate</u> (e.g. [TYPE]), how much did you buy?</b></p> <p><b>[DISPLAYED <i>Concentrate.jpeg</i>]</b></p> <p><b>ENTER AMOUNT: _____ [drop-down list: gram(s)/ounce(s)]</b></p>	

	UNIVERSE: CONCEN.PURCHASE=1	
CONCEN_LASTPURCHr1	Amount	[numeric]
noanswerCONCEN_LASTPURCH_r77	Don't know	0=Unchecked 1=Checked
noanswerCONCEN_LASTPURCH_r88	Refuse to answer	0=Unchecked 1=Checked
CONCEN_LASTPURCHAR1  <i>Note: variable renamed using syntax.</i>	Unit selected	1= gram(s) 2= ounce(s)
CONCEN_LASTPURCH_RAW_DV	Amount of concentrate (raw - any unit) bought at last purchase.	[numeric] -77 = Don't know -88= Refuse to answer
CONCEN_LASTPURCH_DV <b>MODIFIED IN W2</b>  Derived by converting oz to g and retaining g amounts. <i>Assumed 1 oz = 28 g.</i>	Amount of concentrate (g) bought at <u>last purchase</u> .	[numeric] -77 = Don't know -88= Refuse to answer
<b>Concentrate - Money spent at last purchase</b> <b>MODIFIED IN W2</b>	<i>TYPE POPULATED With Type(S) Selected In CONCEN.TYPE.</i>	

	<p><b>The last time you bought <u>concentrate</u> (e.g., [TYPE]), how much did you pay for the amount you bought?</b></p> <p><b>ENTER DOLLAR AMOUNT: _____</b></p> <p>UNIVERSE: CONCEN.PURCHASE=1</p>	
CONCEN_SPENTLASTr1	Dollar value	[numeric]
noanswerCONCEN_SPENTLAST_r77	Don't know	0=Unchecked 1=Checked
noanswerCONCEN_SPENTLAST_r88	Refuse to answer	0=Unchecked 1=Checked
CONCEN_SPENTLAST_RAW_DV	Amount of money (raw - both currencies) spent on concentrate at <u>last purchase</u> .	[numeric] -77= Don't know -88= Refuse to answer
<p>CONCEN_SPENTLAST_DV</p> <p><b>DELETED IN W2</b></p> <p><i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i></p>	<p>Amount of money (\$CDN) spent on concentrate at <u>last purchase</u>.</p> <p>UNIVERSE: CONCEN.PURCHASE=1</p>	[numeric] -77= Don't know -88= Refuse to answer
CONCEN_LASTPURCH_PPG_DV	Price (\$CDN) paid per g of concentrate at last purchase.	[numeric]

<p><b>DELETED IN W2</b></p> <p>Converted by dividing CONCEN_SPENTLAST_DV by CONCEN_LASTPURCH_DV.</p>	<p>UNIVERSE: CONCEN.PURCHASE=1</p>	<p>-77= Don't know -88= Refuse to answer</p>
<p><b>CONCEN_THCRATIO</b></p> <p><b>MODIFIED IN W2</b></p>	<p><i>TYPE POPULATED WITH TYPE(S) SELECTED IN CONCEN.TYPE.</i></p> <p><b>Which of the following best describes the type of <u>concentrate</u> (e.g., [TYPE]) you usually use?</b></p> <p>UNIVERSE: USE.MODES=6</p>	<p>1= High THC, Low CBD 2= High THC, High CBD (1 to 1) 3= Low THC, Low CBD (1 to 1) 4= Low THC, High CBD 5=Other 6= I don't know 88= Refuse to answer</p>
<p><b>Concentrate – THC and CBD levels</b></p> <p><b>MODIFIED IN W2</b></p>	<p><i>TYPE POPULATED WITH TYPE(S) SELECTED IN CONCEN.TYPE.</i></p> <p><b>What are the <u>THC and CBD levels</u> in the <u>concentrate</u> (e.g., [TYPE]) you usually use?</b></p> <p>UNIVERSE: USE.MODES=6</p>	
<p><b>CONCEN_THC_mg</b></p>	<p><b>mg THC</b></p>	<p>0=Unchecked</p>

		1=Checked
<b>CONCEN_THC_percent</b>	<b>% THC</b>	0=Unchecked 1=Checked
<b>CONCEN_THC_DK</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>CONCEN_CBD_mg</b>	<b>mg CBD</b>	0=Unchecked 1=Checked
<b>CONCEN_CBD_percent</b>	<b>% CBD</b>	0=Unchecked 1=Checked
<b>CONCEN_CBD_DK</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>CONCEN_THC_CBD_R</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>Hash - Amount</b> <b>MODIFIED IN W2</b>	<i>DERIVED TIME FRAME BASED ON RESPONSE TO MODE.FREQUENCY. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i>  <b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how much <u>hash or kief</u> [past 12 months: "did"; other time frames: "do"] you use?</b>  <i>[Displayed hash image]</i>	

	<p><b>ENTER NUMBER: _____ [drop-down list: gram(s)/hit(s)/toke(s)]</b></p> <p>UNIVERSE: IF MODE.FREQUENCY=1-4 FOR USE.MODES=7</p>	
<b>hidHASH_USE_FREQUENCY</b>	<p><b>Which timeframe did the respondent choose for hash?</b></p> <p><b>(Corresponds to USE_MODES response).</b></p>	<p>1= Usual day</p> <p>2= Usual week</p> <p>3= Usual month</p> <p>4= Past 12 months</p>
<b>HASH_AMOUNTr1</b>	<b>Amount</b>	[numeric]
<b>noanswerHASH_AMOUNT_r77</b>	<b>Don't know</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>noanswerHASH_AMOUNT_r88</b>	<b>Refuse to answer</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>HASH_AMOUNTAr1</b></p> <p>Note: this variable was renamed using syntax.</p>	<b>Unit selected</b>	<p>1=gram(s)</p> <p>2= hit(s)</p> <p>3=toke(s)</p>
<p><b>HASH_12MOS_DV</b></p> <p><b>DELETED IN W2</b></p> <p>Derived by multiplying days by 365, weeks by 52.1429, months by 12 and retaining past 12-month values. <b>Note:</b></p>	<b>Amount of hash (raw - any unit) used in past 12 months.</b>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>

when reporting this variable, file must be split by HASH_AMOUNTAr1, and all 4 units reported separately.		
<b>HASH_AMOUNT_DV</b> <b>MODIFIED IN W2</b>  Assumed 1 hit/toke=0.05 g.	<b>Amount of hash (g) used in past 12 months, among past 12-month hash users.</b>	[numeric] -77= Don't know -88= Refuse to answer -99= No past 12-month use
<b>Hash - Source</b> <b>MODIFIED IN W2</b>	<b>In the past 12 months, how did you get the <u>hash</u> or <u>kief</u> you used?</b> <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=7  <i>Note: if using this variable, please re-code "Other" responses first (HASH_SOURCE1r7oe).</i>	
<b>HASH_SOURCE1r1</b>	<b>I made my own</b>	0=Unchecked 1=Checked
<b>HASH_SOURCE1r2</b>	<b>From a family member or friend</b>	0=Unchecked 1=Checked
<b>HASH_SOURCE1r3</b>	<b>From a dealer (in person)</b>	0=Unchecked 1=Checked



HASH_SOURCE1r4	<b>Health Canada medical marijuana licenced producer, by mail order</b> <i>[Canada only]</i>	0=Unchecked 1=Checked
HASH_SOURCE1r5	<b>Internet delivery service or mail order</b> <i>["Other" added before this text for Canada only]</i>	0=Unchecked 1=Checked
HASH_SOURCE1r6	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked
HASH_SOURCE1r7	<b>Other (please specify without providing any identifiable information): _____</b>	0=Unchecked 1=Checked
HASH_SOURCE1r7oe	<b>Other text</b>	[open-ended]
HASH_SOURCE1r77F	<b>Don't know</b>	0=Unchecked 1=Checked
HASH_SOURCE1r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>Hash source – Percent</b> <b>MODIFIED IN W2</b>	<b>What percent (%) of <u>hash or kief</u> did you get from each source:</b>  <i>[DISPLAYED SOURCES SELECTED FROM HASH.SOURCE1 WITH NUMERIC FIELDS FOR % NUMBERS THAT SUMMED TO 100%]</i>  UNIVERSE: IF HASH.SOURCE1= MORE THAN 1 OPTION SELECTED	
HASH_SOURCE2r1	<b>I made my own</b>	[numeric]
HASH_SOURCE2r2	<b>From a family member or friend</b>	[numeric]

HASH_SOURCE2r3	From a dealer (in person)	[numeric]
HASH_SOURCE2r4	Health Canada medical marijuana licensed producer, by mail order ( <i>Canada only</i> )	[numeric]
HASH_SOURCE2r5	Internet delivery service or mail order	[numeric]
HASH_SOURCE2r6	From a store, co-operative or dispensary	[numeric]
HASH_SOURCE2r7	Other	[numeric]
noanswerHASH_SOURCE2_r77	Don't know	0=Unchecked 1=Checked
noanswerHASH_SOURCE2_r88	Refuse to answer	0=Unchecked 1=Checked
HASH_PURCHASE	<p>In the past 12 months, did you buy or pay for any of the <u>hash or kief</u> you used?</p> <p>UNIVERSE: USE.RECENT=2,3,4, USE.MODES=7</p>	<p>1= Yes 2= No 77= Don't know 88= Refuse to answer</p>
<p>HASH_TIMEFRAME</p> <p><b>DELETED IN W2</b></p>	<p>We would like to know how much hash or kief you bought or paid for.</p> <p>Which time frame is easiest for you to report the amount of <u>hash or kief</u> you purchased: in a usual week, a usual month, or in the past 12 months?</p>	<p>1= Usual week 2= Usual month 3= Past 12 months (entire year) 4= I did not buy any of the hash or kief I</p>

	UNIVERSE: USE.RECENT=2,3,4, HASH.PURCHASE=1  IF HASH_TIMEFRAME=4, skip to HASH_THCRATIO.	used over the past 12 months  77= Don't know  88= Refuse to answer
<b>Money spent - Hash</b> <b>DELETED IN W2</b>	<i>TIME FRAME POPULATED WITH HASH.TIMEFRAME VARIABLE. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i>  <b>In total, how much money [past 12 months: "did", other time frames: "do"] you spend on <u>hash or kief</u> [In a usual <u>week/month/In the past 12 months</u>]?  ENTER DOLLAR AMOUNT: _____  UNIVERSE: HASH.PURCHASE=1</b>	
<b>HASH_MONEYr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerHASH_MONEY_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerHASH_MONEY_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>HASH_MONEY_RAW_DV</b> <b>DELETED IN W2</b>	<b>Amount of money (raw - both currencies) spent on hash, before timeframe applied.</b>	[numeric]  -77= Don't know  -88= Refuse to answer

<p><b>HASH_MONEY_DV</b></p> <p><b>DELETED IN W2</b></p> <p>Derived by multiplying amount spent in days by 365, weeks by 52.1429, months by 12, and retaining past 12-month value.</p> <p><i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i></p>	<p><b>Amount of money (\$CDN) spent on hash in past 12 months.</b></p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>Lash purchase - Hash</b></p> <p><b>IMAGE REMOVED IN W2</b></p>	<p><b>The last time you bought <u>hash</u> or <u>kief</u>, how much did you buy?</b></p> <p><b>[DISPLAYED HASH IMAGE]</b></p> <p><b>ENTER AMOUNT: _____ [drop-down list: gram(s)/ounce(s)]</b></p> <p>UNIVERSE: HASH.PURCHASE=1</p>	
<p><b>HASH_LASTPURCHr</b></p>	<p><b>Amount</b></p>	<p>[numeric]</p>
<p><b>noanswerHASH_LASTPURCH_r77</b></p>	<p><b>Don't know</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>noanswerHASH_LASTPURCH_r88</b></p>	<p><b>Refuse to answer</b></p>	<p>0=Unchecked</p> <p>1=Checked</p>
<p><b>HASH_LASTPURCHAR1</b></p>	<p><b>Unit selected</b></p>	<p>1= gram(s)</p> <p>2=ounce(s)</p>

HASH_LASTPURCH_RAW_DV	Amount of hash (raw - any unit) bought at last purchase.	[numeric] -77 = Don't know -88= Refuse to answer
HASH_LASTPURCH_DV Derived by converting oz into g and retaining g. <i>Assumed 1 oz=28 g</i>	Amount of hash (g) bought at <u>last purchase</u> .  UNIVERSE: HASH.PURCHASE=1	[numeric] -77 = Don't know -88= Refuse to answer
Hash - Money spent at last purchase <b>MODIFIED IN W2</b>	<u>The last time you bought hash or kief, how much did you pay for the amount you bought?</u>  ENTER DOLLAR AMOUNT: _____  UNIVERSE: HASH.PURCHASE=1	
HASH_SPENTLASTr1	Dollar value	[numeric]
noanswerHASH_SPENTLAST_r77	Don't know	0=Unchecked 1=Checked
noanswerHASH_SPENTLAST_r88	Refuse to answer	0=Unchecked 1=Checked
HASH_SPENTLAST_RAW_DV	Amount of money (raw - both currencies) spent on hash, before timeframe applied.	[numeric] -77= Don't know

		-88= Refuse to answer
<b>HASH_SPENTLAST_DV</b> <b>DELETED IN W2</b>  <i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i>	<b>Amount of money (\$CDN) spent on hash at last purchase.</b>  UNIVERSE: HASH.PURCHASE=1	[numeric] -77= Don't know -88= Refuse to answer
<b>HASH_LASTPURCH_PPG_DV</b> <b>DELETED IN W2</b>  Converted by dividing HASH_SPENTLAST_DV by HASH_LASTPURCH_DV.	<b>Price (\$CDN) paid per g of hash at last purchase.</b>  UNIVERSE: HASH.PURCHASE=1	[numeric] -77= Don't know -88= Refuse to answer
<b>HASH_THCRATIO</b> <b>MODIFIED IN W2</b>  <i>Note: variable renamed using syntax.</i>	<b>Which of the following best describes the type of <u>hash</u> or <u>kief</u> you usually use?</b>  UNIVERSE: USE.MODES=7	1= High THC, Low CBD 2= High THC, High CBD 3= Low THC, Low CBD 4= Low THC, High CBD 5=Other 6= I don't know 88= Refuse to answer

<b>Hash - THC and CBD levels</b> <b>MODIFIED IN W2</b>	<b>What are the <u>THC and CBD levels</u> in the <u>hash or kief</u> you usually use?</b>  UNIVERSE: USE.MODES=7	
HASH_THC_mg	mg THC	0=Unchecked 1=Checked
HASH_THC_percent	% THC	0=Unchecked 1=Checked
HASH_THC_DK	Don't know	0=Unchecked 1=Checked
HASH_CBD_mg	mg CBD	0=Unchecked 1=Checked
HASH_CBD_percent	% CBD	0=Unchecked 1=Checked
HASH_CBD_DK	Don't know	0=Unchecked 1=Checked
HASH_THC_CBD_R	Refuse to answer	0=Unchecked 1=Checked
<b>Tinctures - Amount</b> <b>MODIFIED IN W2</b>	<i>TIME FRAME DERIVED BASED ON RESPONSE TO MODE.FREQUENCY. IF -77 OR -88, "PAST 12 MONTHS" LANGUAGE USED.</i>	

	<p><b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how much liquid concentrate in the form of tinctures (e.g., concentrated amounts ingested orally or taken under the tongue), [past 12 months: “did”; other time frames: “do”] you use?</b></p> <p><b>[DISPLAYED OIL SIZES IMAGE]</b></p> <p><b>ENTER NUMBER: _____ [drop-down list]</b></p> <p>UNIVERSE: USE.MODES=8, PAST 12-MONTH USE</p>	
<b>hidTINCT_USE_FREQUENCY</b>	<b>Which timeframe did the respondent choose for tinctures? (Corresponds to USE_MODES).</b>	1= Usual day 2= Usual week 3= Usual month 4= Past 12 months
<b>TINCT_AMOUNTr1</b>	<b>Amount</b>	[numeric]
<b>noanswerTINCT_AMOUNT_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerTINCT_AMOUNT_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked



<p><b>TINCT_AMOUNTAr1</b></p> <p><i>Note: variable renamed using syntax.</i></p>	<p><b>Unit selected</b></p>	<p>1= mL 2= ounce(s) 3= drop(s) 4= capsule(s) 5= gram(s)</p>
<p><b>TINCT_12MOS_DV</b></p> <p><b>DELETED IN W2</b></p> <p>Derived by multiplying days by 365, weeks by 52.1429, months by 12 and retaining past 12-month values. <b>Note:</b> when reporting this variable, file must be split by TINCT_AMOUNTAr1, and all 5 units reported separately.</p>	<p><b>Amount (any unit) of tinctures used in <u>past 12 months</u>.</b></p>	<p>[numeric] -77= Don't know -88 = Refuse to answer</p>
<p><b>TINCT_AMOUNT_DV</b></p> <p><b>MODIFIED IN W2</b></p> <p>Derived by converting g, ounces, drops and capsules to mL, and retaining mL. Multiplied months by 12, weeks by 52.1429 and retained past 12-month value.</p> <p><i>Note: Assumed 1 oz=30 mL, 1 mL=40 drops or 0.8 g, and 1 capsule=0.5 mL.</i></p>	<p><b>Amount (mL) of tinctures used in <u>past 12 months</u>, among past 12-month tincture users.</b></p>	<p>[numeric] -77= Don't know -88= Refuse to answer -99= No past 12-month use</p>
<p><b>Tinctures - Source</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>In the past 12 months, how did you get the liquid concentrate in the form of <u>tinctures</u> you used? SELECT ALL THAT APPLY.</b></p>	

	UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=8  <i>Note: if using this variable, please re-code "Other" responses first (TINCT_SOURCE1r7oe).</i>	
TINCT_SOURCE1r1	<b>I made my own</b>	0=Unchecked 1=Checked
TINCT_SOURCE1r2	<b>From a family member or friend</b>	0=Unchecked 1=Checked
TINCT_SOURCE1r3	<b>From a dealer (in person)</b>	0=Unchecked 1=Checked
TINCT_SOURCE1r4	<b>Health Canada medical marijuana licenced producer, by mail order [Canada only]</b>	0=Unchecked 1=Checked
TINCT_SOURCE1r5	<b>Internet delivery service or mail order ["Other" added before this text for Canada only]</b>	0=Unchecked 1=Checked
TINCT_SOURCE1r6	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked
TINCT_SOURCE1r7	<b>Other (please specify without providing any identifiable information): _____</b>	0=Unchecked 1=Checked
TINCT_SOURCE1r7oe	<b>Other text</b>	[open-ended]
TINCT_SOURCE1r77	<b>Don't know</b>	0=Unchecked

		1=Checked
TINCT_SOURCE1r88	Refuse to answer	0=Unchecked 1=Checked
<b>Tinctures source - Percent</b> <b>MODIFIED IN W2</b>	<b>What percent (%) of liquid concentrate in the form of <u>tinctures</u> did you get from each source:</b>  <b>[DISPLAYED SOURCES SELECTED FROM TINCT.SOURCE1 WITH NUMERIC FIELDS FOR % NUMBERS THAT SUMMED TO 100%]</b>  UNIVERSE: IF TINCT.SOURCE1= MORE THAN 1 OPTION SELECTED	
TINCT_SOURCE2r1	<b>I made my own</b>	[numeric]
TINCT_SOURCE2r2	<b>From a family member or friend</b>	[numeric]
TINCT_SOURCE2r3	<b>From a dealer (in person)</b>	[numeric]
TINCT_SOURCE2r4	<b>Health Canada medical marijuana licensed producer, by mail order (<i>Canada only</i>)</b>	[numeric]
TINCT_SOURCE2r5	<b>Internet delivery service or mail order</b>	[numeric]
TINCT_SOURCE2r6	<b>From a store, co-operative or dispensary</b>	[numeric]
TINCT_SOURCE2r7	<b>Other</b>	[numeric]

noanswerTINCT_SOURCE2_r77	Don't know	0=Unchecked 1=Checked
noanswerTINCT_SOURCE2_r88	Refuse to answer	0=Unchecked 1=Checked
TINCT_PURCHASE MODIFIED IN W2	In the past 12 months, did you buy or pay for any of the liquid concentrate in the form of <u>tinctures</u> you used?  UNIVERSE: USE.MODES=8, PAST 12 MONTH USE	1= Yes 2= No 77= Don't know 88= Refuse to answer
TINCT_TIMEFRAME DELETED IN W2	We would like to know how much liquid concentrate in the form of <u>tinctures</u> you bought or paid for.  Which <u>time frame</u> is easiest for you to report the amount of liquid concentrate in the form of <u>tinctures</u> you purchased: in a usual week, a usual month, or in the past 12 months?  UNIVERSE: USE.RECENT=2,3,4, TINCT.PURCHASE=1 IF TINCT_TIMEFRAME=4, skip to TINCT_THCRATIO.	1= Usual week 2= Usual month 3= Past 12 months (entire year) 4= I did not buy any of the tinctures I used over the past year 77= Don't know 88= Refuse to answer

<b>Money spent - Tinctures</b> DELETED IN W2	POPULATED TIME FRAME WITH [TINCT.TIMEFRAME] VARIABLE. IF -77 OR - 88, USED "PAST 12 MONTHS" LANGUAGE.  <b>In total, how much money [past 12  months: "did", other time frames: "do"]  you spend on <u>tinctures</u> [In a typical  [day/week/month/ or In the past 12  months]?   ENTER DOLLAR AMOUNT: _____   UNIVERSE: TINCT.PURCHASE=1 </b>	
TINCT_MONEYr1	Dollar value	[numeric]
noanswerTINCT_MONEY_r77	Don't know	0=Unchecked 1=Checked
noanswerTINCT_MONEY_r88	Refuse to answer	0=Unchecked 1=Checked
TINCT_MONEY_RAW_DV	Amount of money (raw - both currencies) spent on tinctures, before timeframe applied.	[numeric] -77= Don't know -88= Refuse to answer
TINCT_MONEY_DV DELETED IN W2	Amount of money (\$CDN) spent on tinctures in the <u>past 12 months</u> .	[numeric] -77= Don't know

Derived by multiplying amount spent per week by 52.1429, month by 12, and retained past-12-month value.  <i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i>		-88= Refuse to answer
<b>Last purchase – Tinctures</b> <b>MODIFIED IN W2</b>	<b>The last time you bought <u>tinctures</u> (e.g., concentrated amounts ingested orally or taken under the tongue), how much did you buy?</b>  <b>[DISPLAYED OIL SIZES IMAGE]</b>  <b>ENTER NUMBER: _____ [drop-down list: mL/ounces/drop(s)/capsule(s)/gram(s)]</b>  UNIVERSE: TINCT.PURCHASE=1	
<b>TINCT_LASTPURCHr1</b>	<b>Amount</b>	[numeric]
<b>noanswerTINCT_LASTPURCH_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerTINCT_LASTPURCH_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>TINCT_LASTPURCHAR1</b> <i>Note: variable renamed using syntax.</i>	<b>Unit selected</b>	1= mL 2= ounce(s) 3= capsule(s)

		4= gram(s)
<b>TINCT_LASTPURCH_DV</b> Derived by converting g, ounces, capsules to mL and retaining mL. <i>Assumed 1 oz = 30 mL, 1 mL=40 drops (as per our image in survey), 1 mL=0.8 g (1g=1.25 mL) and 1 capsule=0.5 mL.</i>	<b>Amount (mL) of tinctures bought at <u>last purchase</u>.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>Tinctures -Money spent at last purchase</b> <b>MODIFIED IN W2</b>	<b>The last time you bought <u>tinctures</u>, how much did you pay for the amount you bought?</b>  <b>ENTER DOLLAR AMOUNT: _____</b>  UNIVERSE: TINCT.PURCHASE=1	
<b>TINCT_SPENTLASTr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerTINCT_SPENTLAST_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerTINCT_SPENTLAST_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>TINCT_SPENTLAST_RAW_DV</b>	<b>Money (raw - both currencies) spent on tinctures at <u>last purchase</u>.</b>	[numeric] -77= Don't know -88= Refuse to answer

<p><b>TINCT_SPENTLAST_DV</b>  <b>DELETED IN W2</b></p> <p><i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i></p>	<p><b>Money (\$CDN) spent on tinctures at <u>last purchase</u>.</b></p> <p>UNIVERSE: TINCT.PURCHASE=1</p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>TINCT_LASTPURCH_PPML_DV</b>  <b>DELETED IN W2</b></p> <p>Computed by dividing TINCT_SPENTLAST_DV by TINCT_LASTPURCH_DV.</p>	<p><b>Price (\$CDN) paid per mL of tinctures at last purchase.</b></p> <p>UNIVERSE: TINCT.PURCHASE=1</p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>TINCT_THCRATIO</b>  <b>MODIFIED IN W2</b></p>	<p><b>Which of the following best describes the type of <u>tinctures</u> you usually use?</b></p> <p>UNIVERSE: USE.MODES=8</p>	<p>1= High THC, Low CBD</p> <p>2= High THC, High CBD</p> <p>3= Low THC, Low CBD</p> <p>4= Low THC, High CBD</p> <p>5=Other</p> <p>6= I don't know</p> <p>88= Refuse to answer</p>



<b>Tinctures - THC and CBD levels</b> <b>MODIFIED IN W2</b>	<b>What are the <u>THC and CBD levels</u> in the liquid concentrate in the form of <u>tinctures</u> you usually use?</b>  UNIVERSE: USE.MODES=8	
<b>TINCT_THC_mg</b>	<b>mg THC</b>	[numeric]
<b>TINCT_THC_percent</b>	<b>% THC</b>	[numeric]
<b>TINCT_THC_DK</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>TINCT_CBD_mg</b>	<b>mg CBD</b>	[numeric]
<b>TINCT_CBD_percent</b>	<b>% CBD</b>	[numeric]
<b>TINCT_CBD_DK</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>TINCT_THC_CBD_R</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>Topical products - Amount</b> <b>MODIFIED IN W2</b>	<i>DERIVED TIME FRAME BASED ON RESPONSE TO <b>MODE.FREQUENCY</b>. IF -77 OR -88, USED "PAST 12 MONTHS" LANGUAGE.</i>  <b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], how much <u>marijuana topical ointment</u> (e.g., creams, lotions, balms, salves), [past 12</b>	

	<p><b>months: “did”; other time frames: “do” you USE?</b></p> <p><b>ENTER AMOUNT:_____ [drop-down list: gram(s)/ounce(s)/mL/palmful(s)]</b></p> <p>UNIVERSE: IF MODE.FREQUENCY INCLUDES USE.MODES=9</p>	
<b>hidTOPICAL_USE_FREQUENCY</b>	<b>Which timeframe did the respondent choose for topicals? (Corresponds to USE_MODES).</b>	<p>1= Usual day</p> <p>2= Usual week</p> <p>3= Usual month</p> <p>4= Past 12 months</p>
<b>TOPICAL_AMOUNTr1</b>	<b>Amount</b>	[numeric]
<b>noanswerTOPICAL_AMOUNT_r77</b>	<b>Don't know</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>noanswerTOPICAL_AMOUNT_r88</b>	<b>Refuse to answer</b>	<p>0=Unchecked</p> <p>1=Checked</p>
<b>TOPICAL_AMOUNTAr1</b>	<b>Unit selected</b>	<p>1= gram(s)</p> <p>2= ounce(s)</p> <p>3= mL</p> <p>4= fingertips</p>

<p><b>TOPICAL_12MOS_DV</b></p> <p><b>DELETED IN W2</b></p> <p>Derived by multiplying days by 365, weeks by 52.1429, months by 12 and retaining past 12-month values. <b>Note:</b> when reporting this variable, file must be split by TOPICAL_AMOUNTAr1, and all 4 units reported separately.</p>	<p><b>Amount (any unit) of topical products used in <u>past 12 months</u>.</b></p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88 = Refuse to answer</p>
<p><b>TOPICAL_AMOUNT_DV</b></p> <p><b>MODIFIED IN W2</b></p> <p>Derived by converting ounces, g and fingertips to mL, and retaining mL. Multiplied months by 12, weeks by 52.1429 and retained past 12-month value.</p> <p><i>Note: assumed 1 mL = 0.9 g, 1 oz = 30 mL, 1 fingertip = 0.44 mL for women and 0.56 mL for men.</i></p>	<p><b>Amount (mL) of topical products used in <u>past 12 months</u>, among past 12-month topical users.</b></p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p> <p>-99= No past 12-month use</p>
<p><b>Topical products - Source</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>In the past 12 months, how did you get the <u>marijuana topical ointment</u> you used?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=9</p> <p><i><b>Note:</b> if using this variable, please re-code "Other" responses first (TOPICAL_SOURCE1r7oe).</i></p>	

TOPICAL_SOURCE1r1	<b>I made my own</b>	0=Unchecked 1=Checked
TOPICAL_SOURCE1r2	<b>From a family member or friend</b>	0=Unchecked 1=Checked
TOPICAL_SOURCE1r3	<b>From a dealer (in person)</b>	0=Unchecked 1=Checked
TOPICAL_SOURCE1r4	<b>Health Canada medical marijuana licenced producer, by mail order</b> <i>[Canada only]</i>	0=Unchecked 1=Checked
TOPICAL_SOURCE1r5	<b>Internet delivery service or mail order</b> <i>["Other" added before this text for Canada only]</i>	0=Unchecked 1=Checked
TOPICAL_SOURCE1r6	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked
TOPICAL_SOURCE1r7	<b>Other (please specify without providing any identifiable information): _____</b>	0=Unchecked 1=Checked
TOPICAL_SOURCE1r7oe	<b>Other text</b>	[open-ended]
TOPICAL_SOURCE1r77	<b>Don't know</b>	0=Unchecked 1=Checked
TOPICAL_SOURCE1r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked

<b>Topical product source - Percent</b> <b>MODIFIED IN W2</b>	<b>What percent (%) of <u>marijuana topical ointment</u> did you get from each source?</b>  <b>[DISPLAYED SOURCES SELECTED FROM TOPICAL.SOURCE1 WITH NUMERIC FIELDS FOR % NUMBERS THAT SUMMED TO 100%]</b>  UNIVERSE: IF TOPICAL.SOURCE1 = MORE THAN 1 OPTION SELECTED	
TOPICAL_SOURCE2r1	<b>I made my own</b>	[numeric]
TOPICAL_SOURCE2r2	<b>From a family member or friend</b>	[numeric]
TOPICAL_SOURCE2r3	<b>From a dealer (in person)</b>	[numeric]
TOPICAL_SOURCE2r4	<b>Health Canada medical marijuana licensed producer, by mail order (<i>Canada only</i>)</b>	[numeric]
TOPICAL_SOURCE2r5	<b>Internet delivery service or mail order</b>	[numeric]
TOPICAL_SOURCE2r6	<b>From a store, co-operative or dispensary</b>	[numeric]
TOPICAL_SOURCE2r7	<b>Other</b>	[numeric]
noanswerTOPICAL_SOURCE2_r77	<b>Don't know</b>	0=Unchecked 1=Checked
noanswerTOPICAL_SOURCE2_r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>TOPICAL_PURCHASE</b> <b>MODIFIED IN W2</b>	<b>In the past 12 months, did you buy or pay for any of the <u>marijuana topical ointment</u> you used?</b>	1= Yes 2= No

	UNIVERSE: USE.MODES=9, PAST 12 MONTH USE	77= Don't know 88= Refuse to answer
<b>TOPICAL_TIMEFRAME</b> <b>DELETED IN W2</b>	<p><b>We would like to know how many marijuana topical ointments (e.g., creams, lotions, balms, salves) products you bought or paid for.</b></p> <p><b>Which time frame is easiest for you to report the amount of <u>marijuana topical ointment</u> you purchased: in a usual week, a usual month, or a 12-month period?</b></p> <p>UNIVERSE: USE.RECENT=2,3,4, TOPICAL.PURCHASE=1</p> <p>IF TOPICAL_TIMEFRAME=4, skip to TOPICAL_THCRATIO.</p>	<p>1= Usual week</p> <p>2= Usual month</p> <p>3= Past 12 months (entire year)</p> <p>4= I did not buy any of the marijuana I used over the past year</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>Money spent - Topical products</b> <b>DELETED IN W2</b>	<p>POPULATED TIME FRAME WITH [TOPICAL.TIMEFRAME] VARIABLE. IF -77 OR -88, USED "PAST 12 MONTHS" LANGUAGE.</p> <p><b>In total, how much money [past 12 months: "did", other time frames: "do"] you spend on <u>marijuana topical ointment</u> [in a typical [day/week/month/ or in the past 12 months]?</b></p>	

	ENTER DOLLAR AMOUNT: _____ UNIVERSE: TOPICAL.PURCHASE=1	
TOPICAL_MONEY_r1	Dollar value	[numeric]
noanswerTOPICAL_MONEY_r77	Don't know	0=Unchecked 1=Checked
noanswerTOPICAL_MONEY_r88	Refuse to answer	0=Unchecked 1=Checked
TOPICAL_MONEY_RAW_DV	Amount of money (raw - both currencies) spent on topical products, before timeframe applied.	[numeric] -77= Don't know -88= Refuse to answer
TOPICAL_MONEY_DV <b>DELETED IN W2</b>  Derived by multiplying amount spent per week by 52.1429, month by 12, and retained past 12-month value.  <i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i>	Amount of money (\$CDN) spent on topical products in past 12 months.	[numeric] -77= Don't know -88= Refuse to answer
Last purchase - Topical products <b>MODIFIED IN W2</b>	<b>The last time you bought <u>marijuana topical ointment</u>, how much did you buy?</b>  <i>[DISPLAYED TOPICAL IMAGE]</i>	

	<b>ENTER AMOUNT: _____ [drop-down list: gram(s)/ounce(s)/mL]</b>  UNIVERSE: TOPICAL.PURCHASE=1	
<b>TOPICAL_LASTPURCHr1</b>	<b>Amount</b>	[numeric]
<b>noanswerTOPICAL_LASTPURCH_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>noanswerTOPICAL_LASTPURCH_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>TOPICAL_LASTPURCHAR1</b>  <i>Note: this variable was renamed using syntax.</i>	<b>Unit selected</b>	1= mL 2= gram(s) 3= ounce(s)
<b>TOPICAL_LASTPURCH_RAW_DV</b>	<b>Amount (raw- any unit) of topical products bought at <u>last purchase</u>.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>TOPICAL_LASTPURCH_DV</b>  <b>MODIFIED IN W2</b>  Derived by converting mL and ounces to grams and retaining grams.  <i>Note: Assumed 1 oz = 28 g and 1 mL=0.9 g of cream.</i>	<b>Amount (g) of topical products bought at <u>last purchase</u>.</b>	[numeric] -77= Don't know -88= Refuse to answer



<p><b>Topical products – money spent at last purchase</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b><u>The last time you bought marijuana topical ointment</u>, how much did you pay for the amount you bought?</b></p> <p><b>ENTER DOLLAR AMOUNT: _____</b></p> <p>UNIVERSE: TOPICAL.PURCHASE=1</p>	
<p><b>TOPICAL_SPENTLASTr1</b></p>	<p><b>Dollar value</b></p>	<p>[numeric]</p>
<p><b>noanswerTOPICAL_SPENTLAST_r77</b></p>	<p><b>Don't know</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>noanswerTOPICAL_SPENTLAST_r88</b></p>	<p><b>Refuse to answer</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>TOPICAL_SPENTLAST_RAW_DV</b></p>	<p><b>Money (raw – any unit) spent on topical products at <u>last purchase</u>.</b></p>	<p>[numeric] -77= Don't know -88= Refuse to answer</p>
<p><b>TOPICAL_SPENTLAST_DV</b></p> <p><b>DELETED IN W2</b></p> <p><i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i></p>	<p><b>Money (\$CDN) spent on topical products at <u>last purchase</u>.</b></p> <p>UNIVERSE: TOPICAL.PURCHASE=1</p>	<p>[numeric] -77= Don't know -88= Refuse to answer</p>

<p><b>TOPICAL_LASTPURCH_PPG_DV</b>  <b>DELETED IN W2</b></p> <p>Computed by dividing TOPICAL_SPENTLAST_DV by TOPICAL_LASTPURCH_DV.</p>	<p><b>Price (\$CDN) paid per gram of topical product at last purchase.</b></p> <p>UNIVERSE: TOPICAL.PURCHASE=1</p>	<p>[numeric]</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>TOPICAL_THCRATIO</b>  <b>MODIFIED IN W2</b></p>	<p><b>Which of the following best describes the type of <u>marijuana topical ointment</u> you usually use?</b></p> <p>UNIVERSE: USE.MODES=9</p>	<p>1= High THC, Low CBD</p> <p>2= High THC, High CBD</p> <p>3= Low THC, Low CBD</p> <p>4= Low THC, High CBD</p> <p>5=Other</p> <p>6= I don't know</p> <p>88= Refuse to answer</p>
<p><b>Topical products - THC and CBD levels</b>  <b>MODIFIED IN W2</b></p>	<p><b>What are the THC and CBD levels in the <u>marijuana topical ointment</u> you usually use?</b></p> <p>UNIVERSE: USE.MODES=9</p>	
<p><b>TOPICAL_THC_mg</b></p>	<p><b>mg THC</b></p>	<p>[numeric]</p>
<p><b>TOPICAL_THC_percent</b></p>	<p><b>% THC</b></p>	<p>[numeric]</p>

TOPICAL_THC_DK	Don't know	0=Unchecked 1=Checked
TOPICAL_CBD_mg	mg CBD	[numeric]
TOPICAL_CBD_percent	% CBD	[numeric]
TOPICAL_CBD_DK	Don't know	0=Unchecked 1=Checked
TOPICAL_THC_CBD_R	Refuse to answer	0=Unchecked 1=Checked
<b>Other form - Amount</b> DELETED IN W2	<i>DERIVED TIME FRAME BASED ON RESPONSE TO MODE.FREQUENCY. IF -77 OR -88, USED "PAST 12 MONTHS" LANGUAGE.</i>  <b>[In a usual day/In a usual week/ In a usual month/In the past 12 months], what quantity of [other form] [past 12 months: 'did', other timeframes: 'do'] you use?</b>  <b>[check-boxes]</b>  UNIVERSE: IF MODE.FREQUENCY INCLUDES USE.MODES=9	
hidOTHER_USE_FREQUENCY	<b>Which timeframe did the respondent choose for 'other' form of marijuana? (Corresponds to USE_MODES).</b>	1= Usual day 2= Usual week 3= Usual month

		4= Past 12 months
<b>OTHER_AMOUNT</b> <b>DELETED IN W2</b>	<b>Amount</b>	1= 0 2= Less than 1 3= 1 4= Enter number greater than 1 77= Don't know 88 = Refuse to answer
<b>OTHER_AMOUNTTr4oe</b>	<b>Amount greater than 1</b>	[numeric]
<b>OTHER_AMOUNT_RAW_DV</b>	<b>Quantity of other marijuana products used, before timeframe applied.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>OTHER_AMOUNT_DV</b> <b>DELETED IN W2</b>  Derived by converting ounces and mL to grams, and retaining grams. Multiplied days by 365, months by 12, weeks by 52.1429 and retained past 12-month value.  <i>Note: assumed "less than 1" was "0.5".</i>	<b>Quantity of other marijuana products used in the <u>past 12 months</u>, among past 12-month 'other' product users.</b>  <i>Note: no unit is given.</i>	[numeric] -77= Don't know -88= Refuse to answer -99= No past 12-month use
<b>Other form - Source</b> <b>DELETED IN W2</b>	<i>POPULATED [OTHER FORM] WITH THE TEXT THEY ENTERED IN USE.MODES=10.</i>	

	<p><b>In the past 12 months, how did you get the [other form] that you used?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: USE.RECENT=2,3,4 AND USE.MODES=10</p> <p><i>Note: if using this variable, please re-code "Other" responses first (OTHER_SOURCE1r7oe).</i></p>	
OTHER_SOURCE1r1	<b>I made my own</b>	0=Unchecked 1=Checked
OTHER_SOURCE1r2	<b>From a family member or friend</b>	0=Unchecked 1=Checked
OTHER_SOURCE1r3	<b>From a dealer (in person)</b>	0=Unchecked 1=Checked
OTHER_SOURCE1r4	<b>Health Canada medical marijuana licenced producer, by mail order [Canada only]</b>	0=Unchecked 1=Checked
OTHER_SOURCE1r5	<b>Internet delivery service or mail order ["Other" added before this text for Canada only]</b>	0=Unchecked 1=Checked
OTHER_SOURCE1r6	<b>From a store, co-operative or dispensary (in person)</b>	0=Unchecked 1=Checked

OTHER_SOURCE1r7	Other (please specify without providing any identifiable information):_____	0=Unchecked 1=Checked
OTHER_SOURCE1r7oe	Other text	[open-ended]
OTHER_SOURCE1r77	Don't know	0=Unchecked 1=Checked
OTHER_SOURCE1r88	Refuse to answer	0=Unchecked 1=Checked
Other form source - Percent DELETED IN W2	<p><i>POPULATED [OTHER FORM] WITH THE TEXT THEY ENTERED IN USE.MODES=10.</i></p> <p><b>What percent (%) of [other form] did you get from each source:</b></p> <p><b>[DISPLAYED SOURCES SELECTED FROM OTHER.SOURCE1 WITH NUMERIC FIELDS FOR % NUMBERS THAT SUMMED TO 100%]</b></p> <p>UNIVERSE: IF OTHER.SOURCE1= MORE THAN 1 OPTION SELECTED</p>	
OTHER_SOURCE2r1	I made my own	[numeric]
OTHER_SOURCE2r2	From a family member or friend	[numeric]
OTHER_SOURCE2r3	From a dealer (in person)	[numeric]
OTHER_SOURCE2r4	Health Canada medical marijuana licensed producer, by mail order (Canada only)	[numeric]

OTHER_SOURCE2r5	Internet delivery service or mail order	[numeric]
OTHER_SOURCE2r6	From a store, co-operative or dispensary	[numeric]
OTHER_SOURCE2r7	Other	[numeric]
noanswerOTHER_SOURCE2_r77	Don't know	0=Unchecked 1=Checked
noanswerOTHER_SOURCE2_r88	Refuse to answer	0=Unchecked 1=Checked
OTHER_PURCHASE  DELETED IN W2	<b>In the past 12 months, did you buy or pay for any of the <u>[other form]</u> you used?</b>  USE.MODES=10, PAST 12 MONTH USE	1= Yes 2= No  77= Don't know  88= Refuse to answer
OTHER_TIMEFRAME  DELETED IN W2	<i>POPULATED [OTHER FORM] WITH THE TEXT THEY ENTERED IN USE.MODES=10.</i>  <b>We would like to know how many <u>[other form]</u> you bought or paid for.</b>  <b>Which time frame is easiest for you to report the amount of <u>[other form]</u> you purchased: in a usual week, a usual month, or in the past 12 months?</b>	1= Usual week 2= Usual month 3= Past 12 months (entire year) 4= I did not buy any of the marijuana I used over the past year  77= Don't know  88= Refuse to answer

	<p>UNIVERSE: USE.RECENT=2,3,4, OTHER.PURCHASE=1</p> <p>IF OTHER_TIMEFRAME=4, skip to OTHER_THCRATIO.</p>	
<p><b>Money spent – Other form</b></p> <p><b>DELETED IN W2</b></p>	<p><i>POPULATED [OTHER FORM] WITH THE TEXT THEY ENTERED IN USE.MODES=10. POPULATED TIME FRAME WITH [OTHER.TIMEFRAME] VARIABLE. IF -77 OR - 88, USED “PAST 12 MONTHS” LANGUAGE.</i></p> <p><b>In total, how much money [past 12 months: “did”, other time frames: “do”] you spend on [other form] [in a typical [day/week/month/ or in the past 12 months]....</b></p> <p><b>ENTER DOLLAR AMOUNT: _____</b></p> <p>UNIVERSE: OTHER.PURCHASE=1</p>	
<b>OTHER_MONEYr1</b>	<b>Dollar value</b>	[numeric]
<b>noanswerOTHER_MONEY_r77</b>	<b>Don’t know</b>	0=Unchecked 1=Checked
<b>noanswerOTHER_MONEY_r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked



<b>OTHER_MONEY_RAW_DV</b> DELETED IN W2	<b>Amount of money (raw - both currencies) spent on other forms, before timeframe applied</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>OTHER_MONEY_DV</b> DELETED IN W2  Derived by multiplying amount spent in days by 365, weeks by 52.1429, months by 12, and retaining past 12-month value.  <i>Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.</i>	<b>Amount of money (\$CDN) spent on other forms in <u>past 12 months</u>.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>Last purchase - Other form</b> DELETED IN W2	POPULATED [OTHER FORM] WITH THE TEXT THEY ENTERED IN USE.MODES=10.  <b>The last time</b> you bought <b>[other form]</b> , how much did you buy?  <b>ENTER AMOUNT:_____ [drop-down list: ounce(s)/gram(s)]</b>  UNIVERSE: OTHER.PURCHASE=1	
<b>OTHER_LASTPURCHr1</b>	<b>Amount</b>	[numeric]
<b>noanswerOTHER_LASTPURCH_r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked

noanswerOTHER_LASTPURCH_r88	Refuse to answer	0=Unchecked 1=Checked
OTHER_LASTPURCH_Ar1 <b>DELETED IN W2</b>	Unit selected	1= mL 2= ounce(s) 3= gram(s)
OTHER_LASTPURCH_DV <b>DELETED IN W2</b>  Derived by converting mL and ounces to grams and retaining grams.	Amount (g) of tinctures bought at <b>last purchase</b> .	[numeric] -77= Don't know -88= Refuse to answer
Money spent at last purchase - Other form <b>DELETED IN W2</b>	<i>POPULATED [OTHER FORM] WITH THE TEXT THEY ENTERED IN USE.MODES=10.</i>  <b>The last time you bought [other form], how much did you pay for the amount you bought?</b>  ENTER DOLLAR AMOUNT: _____  UNIVERSE: OTHER.PURCHASE=1	
OTHER_SPENTLASTr1	Dollar value	[numeric]
noanswerOTHER_SPENTLAST_r77	Don't know	0=Unchecked

		1=Checked
noanswerOTHER_SPENTLAST_r77	Refuse to answer	0=Unchecked 1=Checked
<b>OTHER_SPENTLAST_DV</b> DELETED IN W2  Note: \$USD was converted to Canadian at \$1USD=\$1.33 CDN.	<b>Money (\$CDN) spent on other forms at last purchase.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>OTHER_THCRATIO</b> DELETED IN W2	POPULATED [OTHER FORM] WITH THE TEXT THEY ENTERED IN USE.MODES=10.  <b>Which of the following best describes the type of <u>other form</u> you usually use?</b>  UNIVERSE: USE.MODES=10	1= High THC, Low CBD 2= High THC, High CBD 3= Low THC, Low CBD 4= Low THC, High CBD 5=Other 6= I don't know 88= Refuse to answer

<b>Other form – THC and CBD levels</b> DELETED IN W2	<i>POPULATED [OTHER FORM] WITH THE TEXT THEY ENTERED IN USE.MODES=10.</i>  <b>What are the <u>THC and CBD levels</u> in the <u>[other form]</u> you usually use?</b>  UNIVERSE: USE.MODES=10	
OTHER_THC_mg	mg THC	[numeric]
OTHER_THC_percent	% THC	[numeric]
OTHER_THC_DK	Don't know	0=Unchecked 1=Checked
OTHER_CBD_mg	mg CBD	[numeric]
OTHER_CBD_percent	% CBD	[numeric]
OTHER_CBD_DK	Don't know	0=Unchecked 1=Checked
OTHER_THC_CBD_R	Refuse to answer	0=Unchecked 1=Checked
SOURCE3 DELETED IN W2	<b>In the <u>past 12 months</u>, has anyone <u>paid</u> you for (any type of) marijuana you've given them?</b>	1=Yes 2=No 77= Don't know 88= Refuse to answer

	UNIVERSE: SOURCE1= AT LEAST ONE SOURCE SELECTED	
<b>MONEY_STATE</b> <b>MODIFIED IN W2</b>	<p><i>IF COUNTRY=CANADA, THEN REFERRED TO 'PROVINCE OR TERRITORY'; IF COUNTRY=US, THEN REFERRED TO 'STATE'</i></p> <p><b>Of the marijuana products you purchased in the <u>past 12 months</u>, did you buy them <u>within</u> or <u>outside of</u> the [province or territory/ state] where you currently live?</b></p> <p><b>Please count all products bought online as '<u>in</u> [province or territory' / state'] if they were delivered to your home.</b></p> <p>UNIVERSE: CANNABIS.SOURCE1= AT LEAST ONE SOURCE SELECTED</p>	<p>1= All were bought in [province/territory / state]</p> <p>2= Some were bought in [province/territory / state], some out of [province/territory / state]</p> <p>3= All were bought out of [province/territory / state]</p> <p>4=Don't know</p> <p>5=Refuse to answer</p>
<b>EXTRACT_HEARD</b> <b>DELETED IN W2</b>	<p><b>Have you ever heard of people using <u>butane</u> or <u>CO<sub>2</sub></u> for making marijuana extracts or concentrates (such as shatter, wax, honeycomb, oil, crumble, sap, budder, pull-and-snap)?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Yes</p> <p>2= No</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>

<p><b>EXTRACT_TRY</b>  <b>MODIFIED IN W2</b></p>	<p><b>Have you ever tried to make marijuana extracts or concentrates yourself?</b></p> <p>UNIVERSE: EXTRACT.HEARD=1</p>	<p>1= No  2= Yes – using butane  3= Yes – using CO<sub>2</sub>  4= Yes – using both butane and CO<sub>2</sub>  5= Yes – some other way (please specify): ____  77= Don't know  88= Refuse to answer</p>
<p><b>EXTRACT_TRY_DV</b>  <b>MODIFIED IN W2</b></p>	<p><b>Have you ever tried to make marijuana extracts or concentrates yourself?</b></p>	<p>1= No  2= Yes – using butane  3= Yes – using CO<sub>2</sub>  4= Yes – using both butane and CO<sub>2</sub>  5= Yes – some other way  6= Yes – Other: with alcohol  -77= Don't know</p>

		-88= Refuse to answer
<b>EXTRACT_TRY_BINARY_DV</b>	<b>EXTRACT_TRY binary: Have you ever tried to make marijuana extracts or concentrates yourself?</b>	0= No 1= Yes -77= Don't know -88= Refuse to answer
<b>EXTRACT_SAFE</b> <b>DELETED IN W2</b>	<b>How safe or dangerous is it to make marijuana extracts or concentrates using <u>butane</u>?</b>  UNIVERSE: EXTRACT.HEARD=1	1= Very safe 2= Safe 3= Neither safe nor dangerous 4= Dangerous 5= Very dangerous 77= Don't know 88= Refuse to answer
<b>CO2_SAFE</b> <b>DELETED IN W2</b>	<b>How safe or dangerous is it to make marijuana extracts or concentrates using <u>CO<sub>2</sub></u>?</b>  UNIVERSE: EXTRACT.HEARD=1	1= Very safe 2= Safe 3= Neither safe nor dangerous 4= Dangerous 5= Very dangerous 77= Don't know

		88= Refuse to answer
<b>OTHER_SAFE</b> <b>DELETED IN W2</b>	<p><i>POPULATED ENTRY FROM EXTRACT.TRY=4 INTO THE OPEN FIELD.</i></p> <p><b>How safe or dangerous is it to make marijuana extracts or concentrates in the other way you mentioned: [“ _____ ”]?</b></p> <p>UNIVERSE: EXTRACT.TRY=5</p>	<p>1= Very safe</p> <p>2= Safe</p> <p>3= Neither safe nor dangerous</p> <p>4= Dangerous</p> <p>5= Very dangerous</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>

## RETAIL SETTINGS & ACCESS

<b>ACCESS_EASE</b>	<p>IF EVER.TRY=2 OR IF USE.RECENT=1 (NEVER TRIED OR HAVEN'T USED IN THE PAST YEAR):</p> <p><b>Overall, how easy or difficult would it be for you to get marijuana?</b></p> <p>IF USE.RECENT=2,3,4 (HAVE USED IN THE PAST YEAR):</p> <p><b>Overall, how easy or difficult is it for you to get marijuana?</b></p>	<p>1= Very easy</p> <p>2= Fairly easy</p> <p>3= Neither easy nor difficult</p> <p>4= Fairly difficult</p> <p>5= Very difficult</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
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	UNIVERSE: ALL	
<b>RETAIL_ONLINE</b> <b>MODIFIED IN W2</b>	<b>How easy or difficult would it be for you to <u>buy marijuana online (by internet or mail order)</u>?</b>  UNIVERSE: ALL	1= Very easy 2= Fairly easy 3= Neither easy nor difficult 4= Fairly difficult 5= Very difficult 77= Don't know 88= Refuse to answer
<b>RETAIL_EASE</b> <b>MODIFIED IN W2</b>	<b>How easy or difficult would it be for you to <u>buy marijuana from a store or dispensary in the city or town where you live</u>?</b>  UNIVERSE: ALL	1= Very easy 2= Fairly easy 3= Neither easy nor difficult 4= Fairly difficult 5= Very difficult 77= Don't know 88= Refuse to answer
<b>RETAIL_STORES</b>	<b>Are there any <u>stores that sell marijuana</u> in the city or town nearest to where you live?</b>  UNIVERSE: ALL	1=Yes 2=No 3= I don't know 88= Refuse to answer

<b>RETAIL_ACCESS</b>	<p><b>How long would it take you to get to the nearest store that sells marijuana using your usual mode of transportation?</b></p> <p><b>[DROP-DOWN LIST]</b></p> <p>UNIVERSE: ALL</p>	<p>1= Less than 5 minutes</p> <p>2= 5 minutes</p> <p>3= 10 minutes</p> <p>4= 15 minutes</p> <p>5= 20 minutes</p> <p>6= 25 minutes</p> <p>7= 30 minutes</p> <p>8= 35 minutes</p> <p>9= 40 minutes</p> <p>10= 45 minutes</p> <p>11= 50 minutes</p> <p>12= 55 minutes</p> <p>13= 1 hour</p> <p>14= More than 1 hour</p> <p>15= I don't know of any stores that sell marijuana near where I live</p> <p>88= Refuse to answer</p>
<b>RETAIL_VISIT</b>	<p><b>In the past 12 months, have you <u>been inside a store that sells marijuana</u> in the [US=state, CAN=province/territory] where you live?</b></p>	<p>1=Yes</p> <p>2=No</p>

	UNIVERSE: ALL	77= Don't know 88= Refuse to answer
<b>Retail store - Noticing</b> <b>MODIFIED IN W2</b>	<b>Were any of the following <u>inside marijuana stores</u> that you've visited?</b> <b>SELECT ALL THAT APPLY.</b>  <b>[RANDOMIZED LIST]</b>  UNIVERSE: RETAIL.VISIT=1	
<b>STORE_NOTICEr1</b>	<b>Signs, posters or ads for marijuana brands</b>	0=Unchecked 1=Checked
<b>STORE_NOTICEr2</b>	<b>Health warnings or health information</b>	0=Unchecked 1=Checked
<b>STORE_NOTICEr3</b>	<b>Price discounts or sales</b>	0=Unchecked 1=Checked
<b>STORE_NOTICEr4</b>	<b>Loyalty programs (e.g., points, stamp cards)</b>	0=Unchecked 1=Checked
<b>STORE_NOTICEr5</b>	<b>Signs/labels for THC content</b>	0=Unchecked 1=Checked
<b>STORE_NOTICEr6</b>	<b>Free samples or tastings</b>	0=Unchecked 1=Checked

STORE_NOTICEr7	Product displays	0=Unchecked 1=Checked
STORE_NOTICEr8	Alcohol for sale	0=Unchecked 1=Checked
STORE_NOTICEr9	Marijuana accessories for sale (e.g., pipes, bongs, rolling papers)	0=Unchecked 1=Checked
STORE_NOTICEr10	<u>Non-marijuana</u> food or drinks for sale (e.g., snacks)	0=Unchecked 1=Checked
STORE_NOTICEr11	Advice on product storage or safety (from sales staff)	0=Unchecked 1=Checked
STORE_NOTICEr12	None of the above	0=Unchecked 1=Checked
STORE_NOTICEr77	Don't know	0=Unchecked 1=Checked
STORE_NOTICEr88	Refuse to answer	0=Unchecked 1=Checked
STORE_COMFORT	IF RETAIL.VISIT= 1  <b>How <u>comfortable</u> or <u>uncomfortable</u> did you feel visiting marijuana store(s) in the city or town where you live?</b>	1=Very <u>un</u> comfortable 2= <u>Un</u> comfortable 3=Neither comfortable nor uncomfortable 4=Comfortable

	<p>IF RETAIL.VISIT= 2</p> <p><b>How <u>comfortable or uncomfortable</u> would you be visiting a marijuana store in the city or town where you live?</b></p>	<p>5=Very comfortable</p> <p>77=Don't know</p> <p>88= Refuse to answer</p>
<p><b>STORE_ATTEMPT</b></p> <p>DELETED IN W2</p>	<p><b>In the <u>past 12 months</u>, have you <u>tried</u> to buy marijuana from a store (successfully or unsuccessfully)?</b></p> <p>UNIVERSE: ALL</p>	<p>1=Yes</p> <p>2=No</p> <p>77=Don't know</p> <p>88= Refuse to answer</p>
<p><b>STORE_ID</b></p> <p>DELETED IN W2</p>	<p><b>In the <u>past 12 months</u>, were you asked for <u>identification/proof of age</u> when trying to buy from a <u>STORE</u>?</b></p> <p>UNIVERSE: IF STORE.ATTEMPT=1 AND AGE &lt;30</p>	<p>1= No, never</p> <p>2= Sometimes</p> <p>3= Yes, always</p> <p>77=Don't know</p> <p>88= Refuse to answer</p>
<p><b>STORE_REFUSE</b></p> <p>DELETED IN W2</p>	<p><b>In the <u>past 12 months</u>, has a <u>store</u> refused to sell you marijuana because of your age?</b></p> <p>UNIVERSE: STORE.ATTEMPT=1 AND AGE&lt;30</p>	<p>1= Yes</p> <p>2= No</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>

ONLINE_INFO1	<p><b>Have you ever gone <u>online/visited a website</u> to get information about marijuana?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Yes 2= No 77= Don't know 88= Refuse to answer</p>
<p><b>Online information seeking - Type</b> <b>MODIFIED IN W2</b></p>	<p><b>What type of information on marijuana have you looked for online?</b></p> <p><b>[RANDOMIZED LIST]</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: ONLINE.INFO1 = 1</p>	
ONLINE_INFO3r1	<b>Where to buy it</b>	<p>0=Unchecked 1=Checked</p>
ONLINE_INFO3r2	<b>Strains</b>	<p>0=Unchecked 1=Checked</p>
ONLINE_INFO3r3	<b>How to <u>grow</u> it</b>	<p>0=Unchecked 1=Checked</p>
ONLINE_INFO3r4	<b>How to <u>use</u> it</b>	<p>0=Unchecked 1=Checked</p>
ONLINE_INFO3r5	<b>Health risks or side effects</b>	<p>0=Unchecked 1=Checked</p>

<b>ONLINE_INFO3r6</b>	<b>Information on addiction</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r7</b>	<b>Health benefits or therapies</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r8</b>	<b>How to make extracts</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r9</b>	<b>Product accessories (e.g., vaporizers, bongs, rolling papers...)</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r10</b>	<b>To learn about different forms (e.g., edibles, oils...)</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r11</b>	<b>How to apply for medical marijuana</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r12</b>	<b>Laws or rules</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r13</b>	<b>Other (please specify):_____</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r13oe</b>	<b>Other text</b>	[open-ended]
<b>ONLINE_INFO3r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>ONLINE_INFO3r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked

<b>INFORMATION SEEKING - HEALTH</b> <b>[ONLINE.INFO4]</b>	<b>What website(s) did you visit for information on marijuana health risks, side effects or addiction?</b>  <b>LIST WEBSITE(S): _____</b>  UNIVERSE: IF ONLINE.INFO3r5 (HEALTH RISKS/SIDE EFFECTS) OR ONLINE.INFO3r6 (INFO ON ADDICTION) SELECTED	
<b>ONLINE_INFO4</b> DELETED IN W2	<b>Websites</b>	[open-ended]
noanswerONLINE_INFO4_r77	<b>Don't know</b>	0=Unchecked 1=Checked
noanswerONLINE_INFO4_r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>ONLINE_ATTEMPT</b> DELETED IN W2	<b>In the <u>past 12 months</u>, have you <u>tried</u> to buy marijuana online/from a website?</b>  UNIVERSE: ALL	1= Yes 2= No 77= Don't know 88= Refuse to answer
<b>ONLINE_ID</b> DELETED IN W2	<b>In the past 12 months, were you <u>asked for identification/proof of age</u> when trying to purchase marijuana <u>online or from a website</u>?</b>  UNIVERSE: IF ONLINE.ATTEMPT=1 AND AGE<30	1= No, never 2= Sometimes 3= Yes, always 77= Don't know



		88= Refuse to answer
<b>ONLINE_REFUSE</b> <b>DELETED IN W2</b>	<b>In the <u>past 12 months</u>, has a <u>website/online store</u> refused to sell you marijuana because of your age?</b>  UNIVERSE: ONLINE.ATTEMPT=1 AND AGE<30	1= Yes 2= No 77= Don't know 88= Refuse to answer
<b>Retail website – Noticing</b> <b>DELETED IN W2</b>	<b>Did you notice any of the following on <u>websites</u> that you've visited to buy marijuana? SELECT ALL THAT APPLY.</b>  <b>[RANDOMIZED LIST]</b> UNIVERSE: ONLINE.ATTEMPT=1	
<b>ONLINE_NOTICEr1</b>	<b>Ads for marijuana brands</b>	0=Unchecked 1=Checked
<b>ONLINE_NOTICEr2</b>	<b>Health warnings or health information</b>	0=Unchecked 1=Checked
<b>ONLINE_NOTICEr3</b>	<b>Price discounts or sales</b>	0=Unchecked 1=Checked
<b>ONLINE_NOTICEr4</b>	<b>Loyalty programs (e.g., points)</b>	0=Unchecked 1=Checked
<b>ONLINE_NOTICEr5</b>	<b>Information on THC content</b>	0=Unchecked 1=Checked
<b>ONLINE_NOTICEr6</b>	<b>Marijuana accessories for sale (e.g., pipes, bongs, rolling papers)</b>	0=Unchecked

		1=Checked
ONLINE_NOTICEr7	Other (please specify):____	0=Unchecked 1=Checked
ONLINE_NOTICEr7oe	Other text	[open-ended]
ONLINE_NOTICEr77	Don't know	0=Unchecked 1=Checked
ONLINE_NOTICEr88	Refuse to answer	0=Unchecked 1=Checked
<b>Retail Factors</b> <b>MODIFIED IN W2</b>	<p><b>We would like to know how marijuana products from legal, authorized sources compare to marijuana products from unauthorized/unlicensed sources (stores, websites and street dealers).</b></p> <p><b>Are the <u>legal</u> marijuana products...</b></p> <p><b>[RANDOMIZED LIST, DISPLAYED AS A GRID]</b></p> <p><i>(Variable names below ("quality, price, convenience," etc.) not shown to participants; response options only were displayed as a grid).</i></p> <p>UNIVERSE: LEGAL US STATES ONLY. Note: Vermont, Maine and Massachusetts were excluded as well because sales remained illegal in these states.</p>	
<b>FACTOR_REC1</b>	<b>Quality of legal marijuana products</b>	1= Higher quality

		2= No difference 3= Lower quality 4= Don't know
<b>FACTOR_REC2</b>	<b>Price of legal marijuana products</b>	1= More expensive 2= No difference 3= Less expensive 4= Don't know
<b>FACTOR_REC3</b>	<b>Convenience of buying legal marijuana products</b>	1= More convenient to buy 2= No difference 3= Less convenient to buy 4= Don't know
<b>FACTOR_REC4</b>	<b>Safety of using legal marijuana products</b>	1= Safer to use 2= No difference 3= Less safe to use 4= Don't know
<b>FACTOR_REC5</b>	<b>Safety of purchasing legal marijuana products</b>	1= Safer to buy 2= No difference 3= Less safe to buy 4= Don't know
<b>FACTOR_REC6</b>	<b>Access to legal marijuana products</b>	1= Easier to get 2= No difference

		3= Harder to get 4= Don't know
<b>RETAIL_PRIVACY</b>	<b>How worried are you about government or law enforcement authorities tracking your marijuana purchases from <u>authorized</u> stores or websites?</b>  UNIVERSE: CANNABIS.SOURCE3=1 (or 2 in USA) OR CANNABIS.SOURCE4=1	1= Not at all worried 2= A little worried 3= Somewhat worried 4= Very worried 77= Don't know 88= Refuse to answer

## MEDICINAL USE

<b>Medical cannabis use – Health professional</b> <b>MODIFIED IN W2</b>	<b>Have any of the following health professionals talked to you about marijuana?</b> <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: ALL	
<b>MED_ASKr1</b>	<b>Doctor or physician</b>	0=Unchecked 1=Checked
<b>MED_ASKr2</b>	<b>Psychiatrist or psychologist</b>	0=Unchecked 1=Checked
<b>MED_ASKr3</b>	<b>Nurse or nurse practitioner</b>	0=Unchecked

		1=Checked
<b>MED_ASKr4</b>	<b>Pharmacist</b>	0=Unchecked 1=Checked
<b>MED_ASKr5</b>	<b>Naturopath, homeopath, or alternative medicine practitioner</b>	0=Unchecked 1=Checked
<b>MED_ASKr6</b>	<b>Other health professional (please specify):____</b>	0=Unchecked 1=Checked
<b>MED_ASKr6oe</b>	<b>Other text</b>	[open-ended]
<b>MED_ASKr7</b>	<b>No health professionals have talked to me about marijuana</b>	0=Unchecked 1=Checked
<b>MED_ASKr77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>MED_ASKr88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>MED_ASKr1_RECODED_DV</b>	<b>Doctor or physician</b>	0= No 1= Yes
<b>MED_ASKr2_RECODED_DV</b>	<b>Psychiatrist or psychologist</b>	0= No 1= Yes
<b>MED_ASKr3_RECODED_DV</b>	<b>Nurse or nurse practitioner</b>	0= No 1= Yes
<b>MED_ASKr4_RECODED_DV</b>	<b>Pharmacist</b>	0= No

		1= Yes
<b>MED_ASKr5_RECODED_DV</b>	<b>Naturopath, homeopath, or alternative medicine practitioner, including Other: massage therapist, chiropractor, osteopath or acupuncturist</b>	0= No 1= Yes
<b>MED_ASKr6_RECODED_DV</b>	<b>Other</b>	0= No 1= Yes
<b>MED_ASKr7_RECODED_DV</b>	<b>No health professionals have talked to me about marijuana</b>	0= No 1= Yes
<b>MED_ASKr8_DV</b>	<b>Other: Allied Health Professional (e.g., Physiotherapist, Physician/Medical Assistant, Dietitian/Nutritionist, Social Worker, Paramedic/EMT, Anesthesia Tech, Occupational Therapist, Respiratory or X-ray Tech)</b>	0= No 1= Yes
<b>MED_ASKr77_RECODED_DV</b>	<b>Don't know</b>	0= No 1= Yes
<b>MED_ASKr88_RECODED_DV</b>	<b>Refuse to answer</b>	0= No 1= Yes
<b>MED_AUTH_ASK</b>	<b>Have you ever asked a licensed health professional for [US: 'a recommendation'; CANADA: 'authorization'] to use medical marijuana?]</b>  UNIVERSE: ALL	1= Yes 2= No 77= Don't know 88= Refuse to answer

<p><b>Medical cannabis use – Refused by health professional</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>Have you ever been <u>refused</u> [US: ‘a recommendation’; CANADA: ‘authorization’] for medical marijuana from any of the following health professionals?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p><b>[CHECKLIST]</b></p> <p>UNIVERSE: MED.AUTH.ASK=1</p>	
<p><b>MED_AUTH_REFUSER1</b></p>	<p><b>I have never been refused</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>MED_AUTH_REFUSER2</b></p>	<p><b>Refused by a doctor or physician</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>MED_AUTH_REFUSER3</b></p>	<p><b>Refused by a psychiatrist or psychologist</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>MED_AUTH_REFUSER4</b></p>	<p><b>Refused by a nurse or nurse practitioner</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>MED_AUTH_REFUSER5</b></p>	<p><b>Refused by a pharmacist</b></p>	<p>0=Unchecked 1=Checked</p>
<p><b>MED_AUTH_REFUSER6</b></p>	<p><b>Refused by a naturopath, homeopath, or alternative medicine practitioner</b></p>	<p>0=Unchecked 1=Checked</p>

<b>MED_AUTH_REFUSER7</b>	<b>Refused by other health professional (please specify): _____</b>	0=Unchecked 1=Checked
<b>MED_AUTH_REFUSER7oe</b>	<b>Other text</b>	[open-ended]
<b>MED_AUTH_REFUSER77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>MED_AUTH_REFUSER88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>MED_AUTH_REFUSER1_RECODED_DV</b>	<b>I have never been refused</b>	0= No 1= Yes
<b>MED_AUTH_REFUSER2_RECODED_DV</b>	<b>Refused by a doctor or physician</b>	0= No 1= Yes
<b>MED_AUTH_REFUSER3_RECODED_DV</b>	<b>Refused by a psychiatrist or psychologist</b>	0= No 1= Yes
<b>MED_AUTH_REFUSER4_RECODED_DV</b>	<b>Refused by a nurse or nurse practitioner</b>	0= No 1= Yes
<b>MED_AUTH_REFUSER5_RECODED_DV</b>	<b>Refused by a pharmacist</b>	0= No 1= Yes
<b>MED_AUTH_REFUSER6_RECODED_DV</b>	<b>Refused by a naturopath, homeopath, or alternative medicine practitioner</b>	0= No 1= Yes
<b>MED_AUTH_REFUSER7_RECODED_DV</b>	<b>Refused by Other</b>	0= No 1= Yes



MED_AUTH_REFUSER77_RECODED_DV	Don't know	0= No 1= Yes
MED_AUTH_REFUSER88_RECODED_DV	Refuse to answer	0= No 1= Yes
<b>Medical cannabis use – Approval by health professional</b> <b>MODIFIED IN W2</b>	<b>Have you ever <u>received</u> [US: '<u>a recommendation</u>'; CANADA: '<u>authorization</u>'] for medical marijuana from any of the following health professionals?</b>  <b>SELECT ALL THAT APPLY.</b>  <b>[CHECKLIST]</b>  UNIVERSE: MED.AUTH.ASK=1	
MED_AUTH_APPROVALr1	I have never received a [US: 'recommendation', Canada: 'prescription or authorization'] for marijuana	0=Unchecked 1=Checked
MED_AUTH_APPROVALr2	Yes, from a doctor or physician	0=Unchecked 1=Checked
MED_AUTH_APPROVALr3	Yes, from a psychiatrist or psychologist	0=Unchecked 1=Checked
MED_AUTH_APPROVALr4	Yes, from a nurse or nurse practitioner	0=Unchecked 1=Checked
MED_AUTH_APPROVALr5	Yes, from a pharmacist	0=Unchecked

		1=Checked
<b>MED_AUTH_APPROVALr6</b>	<b>Yes, from a naturopath, homeopath, or alternative medicine practitioner</b>	0=Unchecked 1=Checked
<b>MED_AUTH_APPROVALr7</b>	<b>Other (please specify): _____</b>	0=Unchecked 1=Checked
<b>MED_AUTH_APPROVALr7oe</b>	<b>Other text</b>	[open-ended]
<b>MED_AUTH_APPROVALr77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>MED_AUTH_APPROVALr88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>MED_AUTH_APPROVALr1_RECODED_DV</b>	<b>I have never received a [US: 'recommendation', Canada: 'prescription or authorization'] for marijuana</b>	0= No 1= Yes
<b>MED_AUTH_APPROVALr2_RECODED_DV</b>	<b>Yes, from a doctor or physician</b>	0= No 1= Yes
<b>MED_AUTH_APPROVALr3_RECODED_DV</b>	<b>Yes, from a psychiatrist or psychologist</b>	0= No 1= Yes
<b>MED_AUTH_APPROVALr4_RECODED_DV</b>	<b>Yes, from a nurse or nurse practitioner</b>	0= No 1= Yes
<b>MED_AUTH_APPROVALr5_RECODED_DV</b>	<b>Yes, from a pharmacist</b>	0= No 1= Yes

MED_AUTH_APPROVALr6_RECODED_DV	Yes, from a naturopath, homeopath, or alternative medicine practitioner	0= No 1= Yes
MED_AUTH_APPROVALr7_RECODED_DV	Other (please specify): _____	0= No 1= Yes
MED_AUTH_APPROVALr77_RECODED_DV	Don't know	0= No 1= Yes
MED_AUTH_APPROVALr88_RECODED_DV	Refuse to answer	0= No 1= Yes
PAST12MOS_MED	'Were you authorized' US: 'Did you have a recommendation'] to use medical marijuana at any time in the past 12 months?  UNIVERSE: MED.AUTH.APPROVAL=2-6	1=Yes 2=No 77= Don't know 88= Refuse to answer
Medical cannabis use - Mental health <b>MODIFIED IN W2</b>	Have you ever used marijuana to <u>improve or manage symptoms</u> for any of the following:  SELECT ALL THAT APPLY.  UNIVERSE: EVER.TRY=1	
USE_MENTALHEALTHr1	Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder)	0=Unchecked 1=Checked
USE_MENTALHEALTHr2	Depression (including dysthymia)	0=Unchecked 1=Checked

USE_MENTALHEALTHr3	Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss)	0=Unchecked 1=Checked
USE_MENTALHEALTHr4	Bipolar disorder or mania, including Other: Borderline Personality Disorder	0=Unchecked 1=Checked
USE_MENTALHEALTHr5	Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear)	0=Unchecked 1=Checked
USE_MENTALHEALTHr6	Schizophrenia	0=Unchecked 1=Checked
USE_MENTALHEALTHr7	Drug or alcohol use	0=Unchecked 1=Checked
USE_MENTALHEALTHr8	Other significant emotional or mental health problem (please specify):_____	0=Unchecked 1=Checked
USE_MENTALHEALTHr8oe	Other text	[open-ended]
USE_MENTALHEALTHr9	I have never used marijuana for any of the above	0=Unchecked 1=Checked
USE_MENTALHEALTHr77	Don't know	0=Unchecked 1=Checked
USE_MENTALHEALTHr88	Refuse to answer	0=Unchecked 1=Checked
USE_MENTALHEALTHr1_RECoded_DV	Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder)	0= No

		1= Yes
USE_MENTALHEALTHr2_RECODED_DV	<b>Depression (including dysthymia)</b>	0= No 1= Yes
USE_MENTALHEALTHr3_RECODED_DV	<b>Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss)</b>	0= No 1= Yes
USE_MENTALHEALTHr4_RECODED_DV	<b>Bipolar disorder or mania</b>	0= No 1= Yes
USE_MENTALHEALTHr5_RECODED_DV	<b>Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear)</b>	0= No 1= Yes
USE_MENTALHEALTHr6_RECODED_DV	<b>Schizophrenia</b>	0= No 1= Yes
USE_MENTALHEALTHr7_RECODED_DV	<b>Drug or alcohol use</b>	0= No 1= Yes
USE_MENTALHEALTHr8_RECODED_DV	<b>Other significant emotional or mental health problem</b>	0= No 1= Yes
USE_MENTALHEALTHr9_RECODED_DV	<b>I have never used marijuana for any of the above</b>	0= No 1= Yes
USE_MENTALHEALTHr10_DV	<b>Other: Stress</b>	0= No 1= Yes
USE_MENTALHEALTHr11_DV	<b>Other: Eating disorder</b>	0= No

		1= Yes
USE_MENTALHEALTHr12_DV	Other: ADD/ADHD	0= No 1= Yes
USE_MENTALHEALTHr77_RECODED_DV	Don't know	0= No 1= Yes
USE_MENTALHEALTHr88_RECODED_DV	Refuse to answer	0= No 1= Yes
USE_MENTALHEALTH_BINARY_DV  <i>Binary variable derived from USE_MENTALHEALTH (RECODED) series; respondents assigned a '1' if they have selected at least one mental health condition.</i>	Have you ever used marijuana to improve or manage symptoms for any of the following...(mental health conditions)?  UNIVERSE: EVER.TRY=1	0= No 1= Yes -99= Never tried cannabis
<b>Medical cannabis use - reason</b> <b>MODIFIED IN W2</b>	Have you ever used marijuana to <u>improve or manage symptoms</u> for any of the following:  SELECT ALL THAT APPLY.  UNIVERSE: EVER.TRY=1	
EVER_MEDr1	Headaches/migraines	0=Unchecked 1=Checked
EVER_MEDr2	Pain	0=Unchecked 1=Checked

<b>EVER_MEDr3</b>	<b>Nausea/vomiting</b>	0=Unchecked 1=Checked
<b>EVER_MEDr4</b>	<b>Lack of appetite</b>	0=Unchecked 1=Checked
<b>EVER_MEDr5</b>	<b>Seizures</b>	0=Unchecked 1=Checked
<b>EVER_MEDr6</b>	<b>Muscle spasms</b>	0=Unchecked 1=Checked
<b>EVER_MEDr7</b>	<b>To treat cancer</b>	0=Unchecked 1=Checked
<b>EVER_MEDr8</b>	<b>Problems sleeping</b>	0=Unchecked 1=Checked
<b>EVER_MEDr9</b>	<b>Other condition(s) (please specify):_____</b>	0=Unchecked 1=Checked
<b>EVER_MEDr9oe</b>	<b>Other text</b>	[open-ended]
<b>EVER_MEDr10</b>	<b>I have never used marijuana to treat or improve symptoms</b>	0=Unchecked 1=Checked
<b>EVER_MEDr77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>EVER_MEDr88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked

<b>EVER_MEDr1_RECODED_DV</b>	<b>Headaches/migraines</b>	0= No 1= Yes
<b>EVER_MEDr2_RECODED_DV</b>	<b>Pain, including Other - arthritis, neuropathy or Menstrual cramps/PMS</b>	0= No 1= Yes
<b>EVER_MEDr3_RECODED_DV</b>	<b>Nausea/vomiting, including Other - managing chemotherapy</b>	0= No 1= Yes
<b>EVER_MEDr4_RECODED_DV</b>	<b>Lack of appetite</b>	0= No 1= Yes
<b>EVER_MEDr5_RECODED_DV</b>	<b>Seizures</b>	0= No 1= Yes
<b>EVER_MEDr6_RECODED_DV</b>	<b>Muscle spasms</b>	0= No 1= Yes
<b>EVER_MEDr7_RECODED_DV</b>	<b>To treat cancer, or Other- to treat tumours</b>	0= No 1= Yes
<b>EVER_MEDr8_RECODED_DV</b>	<b>Problems sleeping</b>	0= No 1= Yes
<b>EVER_MEDr9_RECODED_DV</b>	<b>Other condition(s) (please specify):_____</b>	0= No 1= Yes
<b>EVER_MEDr10_RECODED_DV</b>	<b>I have never used marijuana to treat or improve symptoms</b>	0= No 1= Yes
<b>EVER_MEDr11_DV</b>	<b>Other: Digestion/Gastrointestinal issues</b>	0= No



		1= Yes
EVER_MEDr12_DV	Other: Fibromyalgia	0= No 1= Yes
EVER_MEDr77_RECODED_DV	Don't know	0= No 1= Yes
EVER_MEDr88_RECODED_DV	Refuse to answer	0= No 1= Yes
EVER_MED_BINARY_DV <i>Binary variable derived from EVER_MED (RECODED) series; respondents assigned a '1' if they have selected at least one health condition.</i>	Have you ever used marijuana to improve or manage symptoms for any of the following...(medical conditions)? UNIVERSE: EVER.TRY=1	0= No 1= Yes -99= Never tried cannabis
OPIOID_SUB	Have you ever used marijuana for <u>pain relief, instead of using opioids or prescription pain medication?</u> UNIVERSE: IF EVER.MEDr1 (HEADACHES/MIGRAINES) OR EVER.MEDr2 (PAIN) SELECTED	1= Yes 2= No 77= Don't know 88= Refuse to answer

## ADVERSE OUTCOMES

<b>MEDICAL_SEEK</b>	<p><b>Now we are interested in unintended adverse or negative health effects caused by using marijuana.</b></p> <p><b>In the <u>past 12 months</u>, did you <u>seek medical help</u> for any <u>adverse or negative health effect(s)</u> caused by using marijuana?</b></p> <p>UNIVERSE: USE.RECENT=2,3,4</p>	<p>1= Yes 2= No 77= Don't know 88= Refuse to answer</p>
<b>PAST3MOS_ED</b>	<p><b>In the <u>past 12 months</u>, did you go to an <u>emergency department</u> to seek help for any <u>adverse or negative health effect(s)</u> caused by using marijuana?</b></p> <p>UNIVERSE: MEDICAL SEEK=1</p>	<p>1= Yes 2= No 77= Don't know 88= Refuse to answer</p>
<b>MEDICAL_CONSIDER</b>	<p><b>In the <u>past 12 months</u>, did you <u>consider seeking medical help</u> for any <u>adverse or negative health effect(s)</u> from marijuana use?</b></p> <p>UNIVERSE: MEDICAL.SEEK=2,-77,-88</p>	<p>1= Yes 2= No 77= Don't know 88= Refuse to answer</p>
<b>Side effects – Type sought help for</b>	<p><b>In the <u>past 12 months</u>, which negative health effect(s) from marijuana use did you seek medical help for?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p><b>[LIST]</b></p>	

	UNIVERSE: EVER.TRY=1 AND MEDICAL.SEEK=1	
NEG_SIDEFX1r1	<b>Nausea and/or vomiting</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r2	<b>Heart or blood pressure problems</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r3	<b>Feeling faint or dizzy</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r4	<b>Panic reactions</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r5	<b>Hallucinations</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r6	<b>Flashbacks</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r7	<b>Depression</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r8	<b>Dissociation/depersonalization (feeling detached or disconnected from yourself)</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r9	<b>Other (please specify):____</b>	0=Unchecked 1=Checked
NEG_SIDEFX1r9oe	<b>Other text</b>	[open-ended]

<b>NEG_SIDEFX1r10</b>	<b>I have never experienced any negative health effects from using marijuana</b>	0=Unchecked 1=Checked
<b>NEG_SIDEFX1r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>NEG_SIDEFX1r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>NEG_SIDEFX1r1_RECODED_DV</b>	<b>Nausea and/or vomiting</b>	0= No 1= Yes
<b>NEG_SIDEFX1r2_RECODED_DV</b>	<b>Heart or blood pressure problems</b>	0= No 1= Yes
<b>NEG_SIDEFX1r3_RECODED_DV</b>	<b>Feeling faint or dizzy</b>	0= No 1= Yes
<b>NEG_SIDEFX1r4_RECODED_DV</b>	<b>Panic reactions</b>	0= No 1= Yes
<b>NEG_SIDEFX1r5_RECODED_DV</b>	<b>Hallucinations</b>	0= No 1= Yes
<b>NEG_SIDEFX1r6_RECODED_DV</b>	<b>Flashbacks</b>	0= No 1= Yes
<b>NEG_SIDEFX1r7_RECODED_DV</b>	<b>Depression</b>	0= No 1= Yes

NEG_SIDEFX1r8_RECODED_DV	Dissociation/depersonalization (feeling detached or disconnected from yourself)	0= No 1= Yes
NEG_SIDEFX1r9_RECODED_DV	Other (please specify):____	0= No 1= Yes
NEG_SIDEFX1r10_RECODED_DV	I have never experienced any negative health effects from using marijuana	0= No 1= Yes
NEG_SIDEFX1r77_RECODED_DV	Don't know	0= No 1= Yes
NEG_SIDEFX1r88_RECODED_DV	Refuse to answer	0= No 1= Yes
NEG_SIDEFX1_BINARY_DV DELETED IN W2	Experienced at least 1 negative health effect from cannabis use for which medical help was sought.	1= Experienced at least 1 negative health effect 0= Experienced no negative health effects 77= Don't know 88= Refuse to answer
SIDE EFFECTS - TYPE CONSIDERED FOR [NEG.SIDEFX2]	In the <u>past 12 months</u> , what negative health effect(s) from marijuana use did you consider seeking medical help for?  SELECT ALL THAT APPLY.	

	UNIVERSE: EVER.TRY=1 AND MEDICAL.CONSIDER=1	
NEG_SIDEFX2r1	<b>Nausea and/or vomiting</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r2	<b>Heart or blood pressure problems</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r3	<b>Feeling faint or dizzy</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r4	<b>Panic reactions</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r5	<b>Hallucinations</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r6	<b>Flashbacks</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r7	<b>Depression</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r8	<b>Dissociation/depersonalization (feeling detached or disconnected from yourself)</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r9	<b>Other (please specify):____</b>	0=Unchecked 1=Checked
NEG_SIDEFX2r9oe	<b>Other text</b>	[open-ended]

<b>NEG_SIDEFX2r10</b>	<b>I have never experienced any negative health effects from using marijuana</b>	0=Unchecked 1=Checked
<b>NEG_SIDEFX2r77</b>	<b>Don't know</b>	0=Unchecked 1=Checked
<b>NEG_SIDEFX2r88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>NEG_SIDEFX2r1_RECODED_DV</b>	<b>Nausea and/or vomiting</b>	0= No 1= Yes
<b>NEG_SIDEFX2r2_RECODED_DV</b>	<b>Heart or blood pressure problems</b>	0= No 1= Yes
<b>NEG_SIDEFX2r3_RECODED_DV</b>	<b>Feeling faint or dizzy</b>	0= No 1= Yes
<b>NEG_SIDEFX2r4_RECODED_DV</b>	<b>Panic reactions</b>	0= No 1= Yes
<b>NEG_SIDEFX2r5_RECODED_DV</b>	<b>Hallucinations</b>	0= No 1= Yes
<b>NEG_SIDEFX2r6_RECODED_DV</b>	<b>Flashbacks</b>	0= No 1= Yes
<b>NEG_SIDEFX2r7_RECODED_DV</b>	<b>Depression</b>	0= No 1= Yes

<b>NEG_SIDEFX2r8_RECODED_DV</b>	<b>Dissociation/depersonalization (feeling detached or disconnected from yourself)</b>	0= No 1= Yes
<b>NEG_SIDEFX2r9_RECODED_DV</b>	<b>Other (please specify):____</b>	0= No 1= Yes
<b>NEG_SIDEFX2r10_RECODED_DV</b>	<b>I have never experienced any negative health effects from using marijuana</b>	0= No 1= Yes
<b>NEG_SIDEFX2r77_RECODED_DV</b>	<b>Don't know</b>	0= No 1= Yes
<b>NEG_SIDEFX2r88_RECODED_DV</b>	<b>Refuse to answer</b>	0= No 1= Yes
<b>NEG_SIDEFX2_BINARY_DV</b>	<b>Experienced at least 1 negative health effect from cannabis use for which medical help was considered.</b>	1= Experienced at least 1 negative health effect 0= Experienced no negative health effects 77= Don't know 88= Refuse to answer
<b>NEG_SIDEFX_BINARY_DV</b>	<b>Negative health effects from cannabis use – binary.</b>	1= Experienced at least 1 negative health effect 0= Experienced no negative health effects 77= Don't know 88= Refuse to answer



<b>Side effects – Form of marijuana</b> <b>MODIFIED IN W2</b>	<b>When you experienced the negative health effects, what type or form of marijuana were you using?</b>  <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: IF ANY SELECTED IN NEG.SIDEX1 OR NEG.SIDEX2, EXCEPT -77 OR -88	
<b>NEG_SIDEX3r1</b>	<b>Dried herb (smoked or vaped)</b>	0=Unchecked 1=Checked
<b>NEG_SIDEX3r2</b>	<b>Oils or liquids</b>	0=Unchecked 1=Checked
<b>NEG_SIDEX3r3</b>	<b>Edibles/foods</b>	0=Unchecked 1=Checked
<b>NEG_SIDEX3r4</b>	<b>Concentrates like wax, shatter, budder</b>	0=Unchecked 1=Checked
<b>NEG_SIDEX3r5</b>	<b>Hash or kief</b>	0=Unchecked 1=Checked
<b>NEG_SIDEX3r6</b>	<b>Drinks (e.g., marijuana cola, tea)</b>	0=Unchecked 1=Checked
<b>NEG_SIDEX3r7</b>	<b>Tinctures (e.g., concentrated amounts ingested orally or taken under the tongue)</b>	0=Unchecked 1=Checked

NEG_SIDEFX3r8	<b>Topical ointments (e.g., lotions, salves, balms applied directly to the skin)</b>	0=Unchecked 1=Checked
NEG_SIDEFX3r9	<b>Other (please specify): _____</b>	[open-ended]
NEG_SIDEFX3r9oe	<b>Other text</b>	0=Unchecked 1=Checked
NEG_SIDEFX3r77	<b>Don't know</b>	0=Unchecked 1=Checked
NEG_SIDEFX3r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked

### PROBLEMATIC USE (ASSIST INSTRUMENT)

PAST3MOS_A2	<p><b>In the past 3 months, how often have you had a strong desire or urge to use marijuana?</b></p> <p>UNIVERSE: USE.RECENT=2,3,4</p>	1= Never 2= Once or twice 3= Monthly 4= Weekly 5= Daily or almost daily 77= Don't know 88= Refuse to answer
PAST3MOS_A3	<b>During the past 3 months, how often has your use of marijuana led to health, social, legal, or financial problems?</b>	1= Never 2= Once or twice


	UNIVERSE: USE.RECENT=2,3,4	3= Monthly 4= Weekly 5= Daily or almost daily 77= Don't know 88= Refuse to answer
PAST3MOS_A4	<b>During the past 3 months, how often have you failed to do what was normally expected of you because of your use of marijuana?</b>  UNIVERSE: USE.RECENT=2,3,4	1= Never 2= Once or twice 3= Monthly 4= Weekly 5= Daily or almost daily 77= Don't know 88= Refuse to answer
PAST3MOS_A5	<b>Has a friend or relative or anyone else expressed concern about your use of marijuana?</b>  UNIVERSE: USE.RECENT=2,3,4	1=No, never 2=Yes, in the past 3 months 3=Yes, but not in the past 3 months 77= Don't know 88= Refuse to answer
PAST3MOS_A6	<b>Have you ever <u>tried and failed</u> to control, cut down or stop using marijuana?</b>	1=No, never 2=Yes, in the past 3 months

	UNIVERSE: USE.RECENT=2,3,4	3=Yes, but not in the past 3 months 77= Don't know 88= Refuse to answer
<b>Cannabis effects - Personal</b>	<b>During the past 12 months, what effect did <u>your</u> marijuana use have on your:</b> <b>[LIST]</b>  UNIVERSE: USE.RECENT=2,3,4	
<b>EFFECTS_PERSONALr1</b>	<b>Friendships or social life</b>	1= Negative effect 2= No effect 3= Positive effect 4= Not applicable 77= Don't know 88= Refuse to answer
<b>EFFECTS_PERSONALr2</b>	<b>Physical health</b>	1= Negative effect 2= No effect 3= Positive effect 4= Not applicable 77= Don't know

		88= Refuse to answer
<b>EFFECTS_PERSONALr3</b>	<b>Mental health</b>	1= Negative effect 2= No effect 3= Positive effect 4= Not applicable 77= Don't know 88= Refuse to answer
<b>EFFECTS_PERSONALr4</b>	<b>Family life</b>	1= Negative effect 2= No effect 3= Positive effect 4= Not applicable 77= Don't know 88= Refuse to answer
<b>EFFECTS_PERSONALr5</b>	<b>Work</b>	1= Negative effect 2= No effect 3= Positive effect 4= Not applicable 77= Don't know 88= Refuse to answer
<b>EFFECTS_PERSONALr6</b>	<b>Studies</b>	1= Negative effect 2= No effect

		3= Positive effect 4= Not applicable 77= Don't know 88= Refuse to answer
<b>EFFECTS_PERSONALr7</b>	<b>Quality of life</b>	1= Negative effect 2= No effect 3= Positive effect 4= Not applicable 77= Don't know 88= Refuse to answer
<b>PAST3MOS_HELP</b>	<b>In the past 12 months, have you ever tried to <u>get help</u> to manage problems with your marijuana use?</b>  UNIVERSE: USE.RECENT=2,3,4	1= Yes 2= No 77= Don't know 88= Refuse to answer
<b>Help seeking - Where</b>	<b><u>Where</u> did you seek help to manage problems with your marijuana use?</b>  <b>SELECT ALL THAT APPLY.</b>  <b>[LIST]</b>  UNIVERSE: USE.RECENT=2,3,4 and PAST3MOS.HELP=1	

PAST3MOS_WHEREr1	<b>Doctor or physician</b>	0=Unchecked 1=Checked
PAST3MOS_WHEREr2	<b>Other health professional (e.g., psychiatrist, psychologist, counselor...)</b>	0=Unchecked 1=Checked
PAST3MOS_WHEREr3	<b>Online/website support or information</b>	0=Unchecked 1=Checked
PAST3MOS_WHEREr4	<b>Addiction service or clinic</b>	0=Unchecked 1=Checked
PAST3MOS_WHEREr5	<b>Telephone helpline /support</b>	0=Unchecked 1=Checked
PAST3MOS_WHEREr6	<b>Smartphone app</b>	0=Unchecked 1=Checked
PAST3MOS_WHEREr7	<b>Family or friend</b>	0=Unchecked 1=Checked
PAST3MOS_WHEREr8	<b>Other (please specify):</b>	[open-ended]
PAST3MOS_WHEREr8oe	<b>Other text</b>	0=Unchecked 1=Checked
PAST3MOS_WHEREr77	<b>Don't know</b>	0=Unchecked 1=Checked

<b>PAST3MOS_WHEREr88</b>	<b>Refuse to answer</b>	0=Unchecked 1=Checked
<b>REGRET</b>	<p><b>Do you agree or disagree:</b></p> <p><b>“If I had to do it over again, I would <u>not</u> have started using marijuana.”</b></p> <p>UNIVERSE: USE.RECENT=2,3,4</p>	1= Strongly disagree 2= Disagree 3= Neither agree nor disagree 4= Agree 5= Strongly agree 77= Don't know 88= Refuse to answer
<b>DON'T GIVE UP SCREEN</b>	<p>Getting tired of the survey? Don't give up, you're more than halfway through!</p> 	

## RISK PERCEPTIONS & SOCIAL NORMS



Perceived risk - Other substances	In your opinion, what is the level of health risk from...  UNIVERSE: ALL	
RISK_1r1	smoking cigarettes occasionally	1= Very low risk 2= Low risk 3= Moderate risk 4= High risk 5= Very high risk 6= Don't know 88= Refuse to answer
RISK_1r2	smoking cigarettes daily	1= Very low risk 2= Low risk 3= Moderate risk 4= High risk 5= Very high risk 6= Don't know 88= Refuse to answer
RISK_1r3	drinking alcohol (3-4 drinks) occasionally	1= Very low risk 2= Low risk

		<p>3= Moderate risk</p> <p>4= High risk</p> <p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_1r4</b>	<b>drinking alcohol (3-4 drinks) daily</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p> <p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<p><b>Perceived risk - Marijuana</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>In your opinion, what is the level of health risk from...</b></p> <p>UNIVERSE: ALL</p>	
<b>RISK_2r1</b>	<b>smoking marijuana occasionally</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p>

		<p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r2</b>	<b>smoking marijuana daily</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p> <p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r3</b>	<b>vaping marijuana occasionally</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p> <p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r4</b>	<b>vaping marijuana daily</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p>

		<p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r5</b>	<b>consuming marijuana edibles occasionally</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p> <p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r6</b>	<b>consuming marijuana edibles daily</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p> <p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r7</b>	<b>using <u>synthetic</u> marijuana (e.g., spice, K2, K3, scene) occasionally</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p>

		<p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r8</b>	<b>using <u>synthetic</u> marijuana (e.g., spice, K2, K3, scene) daily</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p> <p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r9</b>	<b>using high-potency marijuana concentrates occasionally</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p> <p>5= Very high risk</p> <p>6= Don't know</p> <p>88= Refuse to answer</p>
<b>RISK_2r10</b>	<b>using high-potency marijuana concentrates daily</b>	<p>1= Very low risk</p> <p>2= Low risk</p> <p>3= Moderate risk</p> <p>4= High risk</p>

		5= Very high risk 6= Don't know 88= Refuse to answer
<b>Perceptions of health risks</b>	<p><b>In your opinion, what are the most important negative health effects from marijuana use, if any?</b></p> <p><b>List up to five effects in the boxes below (only enter one per box).</b></p> <p><b>[5 open-ended text boxes]</b></p> <p><i>NOTE: IF USER CLICKED 'NEXT' BEFORE FILLING IN A SECOND BOX, THEY WERE PROMPTED WITH THE QUESTION, "Are there any others?"</i></p> <p>UNIVERSE: ALL</p>	
HEALTH_AWAREr1	<b>Effect - entry 1</b>	[open-ended]
HEALTH_AWAREr2	<b>Effect - entry 2</b>	[open-ended]
HEALTH_AWAREr3	<b>Effect - entry 3</b>	[open-ended]
HEALTH_AWAREr4	<b>Effect - entry 4</b>	[open-ended]
HEALTH_AWAREr5	<b>Effect - entry 5</b>	[open-ended]
noanswerHEALTH_AWARE_r77	<b>Don't know</b>	0=Unchecked 1=Checked
noanswerHEALTH_AWARE_r88	<b>Refuse to answer</b>	0=Unchecked 1=Checked

<b>Health beliefs – testing Health Canada’s proposed warnings</b>  <b>MODIFIED IN W2</b>	<i>[LIST OF QUESTIONS WAS RANDOMIZED]</i>  <b>Based on what you know or believe...</b>  UNIVERSE: ALL	
<b>HEALTH_BELIEFr1</b>	<b>Can marijuana <u>smoke</u> be harmful?</b>	1= Yes 2= Maybe 3= No 77= Don’t know 88= Refuse to answer
<b>HEALTH_BELIEFr2</b>	<b>Can it be harmful to use marijuana when <u>pregnant or breastfeeding</u>?</b>	1= Yes 2= Maybe 3= No 77= Don’t know 88= Refuse to answer
<b>HEALTH_BELIEFr3</b>	<b>Can it be dangerous to <u>drive or operate machinery</u> after using marijuana?</b>	1= Yes 2= Maybe 3= No 77= Don’t know 88= Refuse to answer
<b>HEALTH_BELIEFr4</b>	<b>Can marijuana be <u>addictive</u>?</b>	1= Yes

		<p>2= Maybe</p> <p>3= No</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
HEALTH_BELIEFr5	Can regular use of marijuana increase the <u>risk of psychosis and schizophrenia</u> ?	<p>1= Yes</p> <p>2= Maybe</p> <p>3= No</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
HEALTH_BELIEFr6	Are <u>teenagers at greater risk</u> of harm from using marijuana than adults?	<p>1= Yes</p> <p>2= Maybe</p> <p>3= No</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
HEALTH_BELIEFr7	Can <u>smoking</u> marijuana cause respiratory problems?	<p>1= Yes</p> <p>2= Maybe</p> <p>3= No</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
HEALTH_BELIEFr8	Can using marijuana cause <u>diabetes</u> ?	<p>1= Yes</p> <p>2= Maybe</p>



		3= No 77= Don't know 88= Refuse to answer
HEALTH_BELIEFr1_DV	Health warning 1- Can marijuana <u>smoke</u> be harmful?	0=Incorrect response (No, Maybe or Don't know) 1= Correct response (Yes)
HEALTH_BELIEFr2_DV	Health warning 2- Can it be harmful to use marijuana when <u>pregnant or breastfeeding</u> ?	0=Incorrect response (No, Maybe or Don't know) 1= Correct response (Yes)
HEALTH_BELIEFr3_DV	Health warning 3 - Can it be dangerous to <u>drive or operate machinery</u> after using marijuana?	0=Incorrect response (No, Maybe or Don't know) 1= Correct response (Yes)
HEALTH_BELIEFr4_DV	Health warning 4 - Can marijuana be <u>addictive</u> ?	0=Incorrect response (No, Maybe or Don't know) 1= Correct response (Yes)
HEALTH_BELIEFr5_DV	Health warning 5 - Can regular use of marijuana increase the <u>risk of psychosis and schizophrenia</u> ?	0=Incorrect response (No, Maybe or Don't know) 1= Correct response (Yes)
HEALTH_BELIEFr6_DV	Health warning 6 - Are <u>teenagers at greater risk of harm from using marijuana than adults</u> ?	0=Incorrect response (No, Maybe or Don't know) 1= Correct response (Yes)
HEALTH_BELIEFr7_DV	Health warning 7 - Can <u>smoking</u> marijuana cause respiratory problems?	0=Incorrect response (No, Maybe or Don't know)

		1= Correct response (Yes)
<b>HEALTH_BELIEFr8_DV</b>	<b>Health warning 8 (bogus warning) - Can using marijuana cause <u>diabetes</u>?</b>  <i>Note: the correct response to this question is "No"</i>	0=Incorrect response (Yes, Maybe or Don't know)  1= Correct response (No)
<b>SELF_ADDICTED</b>	<b>Do you consider yourself to be addicted to marijuana?</b>  UNIVERSE: USE.RECENT=2,3,4	1= Not at all addicted  2= A little addicted  3= Very addicted  77= Don't know  88= Refuse to answer
<b>HEALTH_RISKS7</b>	<b>Are you worried that using marijuana will harm your health in the future?</b>  UNIVERSE: USE.RECENT=2,3,4	1= Not at all worried  2= A little worried  3= Moderately worried  4= Very worried  77= Don't know  88= Refuse to answer
<b>NORMS_INJUNCTIVE</b>	<b>In your opinion, do people generally <u>approve or disapprove</u> of marijuana?</b>  UNIVERSE: ALL	1= Strongly <u>dis</u> approve  2= <u>Dis</u> approve  3= Neither approve nor disapprove  4= Approve  5= Strongly approve

		77= Don't know 88= Refuse to answer
<b>Social norms - Comfort</b>	<b>How comfortable or uncomfortable would you feel openly using marijuana...</b> <b>[LIST DISPLAYED AS A GRID]</b>  UNIVERSE: ALL	
<b>NORMS_COMFORTr1</b>	<b>Around your parents</b>	1= Very <u>un</u> comfortable 2= <u>Un</u> comfortable 3= Neither 4= Comfortable 5= Very comfortable 6= Not applicable 77= Don't know 88= Refuse to answer
<b>NORMS_COMFORTr2</b>	<b>Around your boyfriend/girlfriend/partner/spouse</b>	1= Very <u>un</u> comfortable 2= <u>Un</u> comfortable 3= Neither 4= Comfortable 5= Very comfortable 6= Not applicable

		77= Don't know 88= Refuse to answer
<b>NORMS_COMFORTr3</b>	<b>Around your friends</b>	1= Very <u>un</u> comfortable 2= <u>Un</u> comfortable 3= Neither 4= Comfortable 5= Very comfortable 6= Not applicable 77= Don't know 88= Refuse to answer
<b>NORMS_COMFORTr4</b>	<b>Around your co-workers</b>	1= Very <u>un</u> comfortable 2= <u>Un</u> comfortable 3= Neither 4= Comfortable 5= Very comfortable 6= Not applicable 77= Don't know 88= Refuse to answer
<b>NORMS_COMFORTr5</b>	<b>Around children</b>	1= Very <u>un</u> comfortable 2= <u>Un</u> comfortable 3= Neither

		<p>4= Comfortable</p> <p>5= Very comfortable</p> <p>6= Not applicable</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>NORMS_COMFORTr6</b>	<b>In public</b>	<p>1= Very <u>un</u>comfortable</p> <p>2= <u>Un</u>comfortable</p> <p>3= Neither</p> <p>4= Comfortable</p> <p>5= Very comfortable</p> <p>6= Not applicable</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>NORMS_FRIENDS</b>	<p><b>How many of your 5 closest friends use marijuana?</b></p> <p>UNIVERSE: ALL</p>	<p>1= None</p> <p>2= One</p> <p>3= Two</p> <p>4= Three</p> <p>5= Four</p> <p>6= Five</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>

## CANNABIS USE IN VARIOUS SETTINGS

<b>Cannabis use - Location</b>	<b>In the past 12 months, have you <u>smoked</u> marijuana in any of the following locations? SELECT ALL THAT APPLY.</b>  UNIVERSE: USE.RECENT=2,3,4	
<b>USE_LOCATION1r1</b>	<b>In a car</b>	0= Unchecked 1= Checked
<b>USE_LOCATION1r2</b>	<b>In a bar/pub, restaurant, or café</b>	0= Unchecked 1= Checked
<b>USE_LOCATION1r3</b>	<b>Inside your home</b>	0= Unchecked 1= Checked
<b>USE_LOCATION1r4</b>	<b>I have not smoked marijuana in any of the above locations</b>	0= Unchecked 1= Checked
<b>USE_LOCATION1r77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>USE_LOCATION1r88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked

<b>NOTICE_PUBLIC1</b>	<p><b>In the past 12 months, how often have you noticed someone using marijuana near you in a public place (e.g., street, park, alley, mall, etc.)?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Not in the past 12 months  2= Less than monthly  3= Weekly  4= Every day  5= More than once a day  77= Don't know  88= Refuse to answer</p>
<b>STORAGE_HOME1</b>	<p><b>Do you currently keep any marijuana in or around your home?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Yes  2= No  77= Don't know  88= Refuse to answer</p>
<b>Cannabis use - Storage</b>	<p><b>Where is the marijuana in your home stored?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: STORAGE.HOME1=1</p>	
<b>STORAGE_HOME2r1</b>	<b>On an open shelf or table</b>	<p>0= Unchecked  1= Checked</p>
<b>STORAGE_HOME2r2</b>	<b>In an unlocked cabinet or drawer</b>	<p>0= Unchecked  1= Checked</p>

<b>STORAGE_HOME2r3</b>	<b>In an outdoor location, such as a shed, garage, or greenhouse</b>	0= Unchecked 1= Checked
<b>STORAGE_HOME2r4</b>	<b>In a childproof container</b>	0= Unchecked 1= Checked
<b>STORAGE_HOME2r5</b>	<b>In a locked container, cabinet, drawer, or safe</b>	0= Unchecked 1= Checked
<b>STORAGE_HOME2r6</b>	<b>In a locked room</b>	0= Unchecked 1= Checked
<b>STORAGE_HOME2r7</b>	<b>Other (please specify):_____</b>	[open-ended]
<b>STORAGE_HOME2r7oe</b>	<b>Other text</b>	0= Unchecked 1= Checked
<b>STORAGE_HOME2r77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>STORAGE_HOME2r88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>STORAGE_HOME2r1_RECODED_DV</b>	<b>On an open shelf or table</b>	0= No 1= Yes
<b>STORAGE_HOME2r2_RECODED_DV</b>	<b>In an unlocked cabinet or drawer</b>	0= No 1= Yes



<b>STORAGE_HOME2r3_RECODED_DV</b>	<b>In an outdoor location, such as a shed, garage, or greenhouse</b>	0= No 1= Yes
<b>STORAGE_HOME2r4_RECODED_DV</b>	<b>In a childproof container</b>	0= No 1= Yes
<b>STORAGE_HOME2r5_RECODED_DV</b>	<b>In a locked container, cabinet, drawer, or safe</b>	0= No 1= Yes
<b>STORAGE_HOME2r6_RECODED_DV</b>	<b>In a locked room</b>	0= No 1= Yes
<b>STORAGE_HOME2r7_RECODED_DV</b>	<b>Other</b>	0= No 1= Yes
<b>STORAGE_HOME2r8_DV</b>	<b>Other - Specified hidden, safe/secure or out of reach but not locked</b>  <i>Note: common text responses to "Other" have been categorized.</i>	0= No 1= Yes
<b>STORAGE_HOME2r9_DV</b>	<b>Other - Fridge/freezer</b>  <i>Note: common text responses to "Other" have been categorized.</i>	0= No 1= Yes
<b>STORAGE_HOME2r10_DV</b>	<b>Other - In a box/container, unsealed, or sealed but not locked</b>  <i>Note: common text responses to "Other" have been categorized.</i>	0= No 1= Yes
<b>STORAGE_HOME2r11_DV</b>	<b>Other - in a room, unspecified storage type</b>  <i>Note: common text responses to "Other" have been</i>	0= No 1= Yes

	<i>categorized.</i>	
STORAGE_HOME2r77_RECODED_DV	Don't know	0= No 1= Yes
STORAGE_HOME2r88_RECODED_DV	Refuse to answer	0= No 1= Yes
INGEST_ACCIDENT	<b>In the past 12 months, has anyone (including people and animals) in your household <u>accidentally consumed marijuana</u> (e.g., eating/drinking it without knowing it contained marijuana)?</b>  UNIVERSE: ALL	
<b>Cannabis ingestion - Who</b> <b>MODIFIED IN W2</b>	<b>Who was it that accidentally consumed marijuana?</b>  <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: INGEST.ACCIDENT=1	
INGEST_WHOr1	<b>Me</b>	0= Unchecked 1= Checked
INGEST_WHOr2	<b>An adult</b>	0= Unchecked 1= Checked

<b>INGEST_WHOr3</b>	<b>A teenager</b>	0= Unchecked 1= Checked
<b>INGEST_WHOr4</b>	<b>A child &lt;18 years</b>	0= Unchecked 1= Checked
<b>INGEST_WHOr5</b>	<b>A pet</b>	0= Unchecked 1= Checked
<b>INGEST_WHOr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>INGEST_WHOr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>USE_CURRENTWORK</b>	<b>In the past 30 days, have you used marijuana at work (including breaks) or within 2 hours of starting work?</b>  UNIVERSE: USE.RECENT=2,3,4	1= Yes 2= No 3= Not applicable - I have not worked in the past 30 days 77= Don't know 88= Refuse to answer

USE_SCHOOL	<p><b>In the past 30 days, have you used marijuana at school (including breaks) or within 2 hours before school?</b></p> <p>UNIVERSE: USE.RECENT=2,3,4 AND CURR.ED=1 (attending school)</p>	<p>1= Yes</p> <p>2= No</p> <p>3= Not applicable - I have not gone to school in the past 30 days</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
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## EXPOSURE TO CANNABIS MARKETING, PUBLIC EDUCATION, AND HEALTH WARNINGS

<p><b>Advertising and promotion</b></p>	<p><b>In the past 12 months, have you noticed marijuana being advertised or promoted in any of the following places?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p><b>[RANDOMIZED ORDER OF RESPONSE OPTIONS IN A YES/NO CHECKLIST - LAST 4 OPTIONS FIXED]</b></p> <p>UNIVERSE: ALL</p>	
ADPROMOr1	<p><b>Regular postal mail</b></p>	<p>0= Unchecked</p> <p>1= Checked</p>
ADPROMOr2	<p><b>Websites</b></p>	<p>0= Unchecked</p> <p>1= Checked</p>

<b>ADPROMOr3</b>	<b>Email or text messages</b>	0= Unchecked 1= Checked
<b>ADPROMOr4</b>	<b>Bars, pubs, or nightclubs</b>	0= Unchecked 1= Checked
<b>ADPROMOr5</b>	<b>Inside stores that sell marijuana</b>	0= Unchecked 1= Checked
<b>ADPROMOr6</b>	<b>Outside stores that sell marijuana</b>	0= Unchecked 1= Checked
<b>ADPROMOr7</b>	<b>Pharmacies</b>	0= Unchecked 1= Checked
<b>ADPROMOr8</b>	<b>Events like sporting events, concerts, festivals or markets</b>	0= Unchecked 1= Checked
<b>ADPROMOr9</b>	<b>Kiosks or temporary sales locations (in shopping centers or on the street)</b>	0= Unchecked 1= Checked
<b>ADPROMOr10</b>	<b>TV or radio</b>	0= Unchecked 1= Checked
<b>ADPROMOr11</b>	<b>Billboards or posters</b>	0= Unchecked 1= Checked
<b>ADPROMOr12</b>	<b>Print newspapers or magazines</b>	0= Unchecked 1= Checked
<b>ADPROMOr13</b>	<b>At the movies</b>	0= Unchecked

		1= Checked
<b>ADPROMOr14</b>	<b>Taxis or buses/public transit</b>	0= Unchecked 1= Checked
<b>ADPROMOr15</b>	<b>Flyers</b>	0= Unchecked 1= Checked
<b>ADPROMOr16</b>	<b>Social media, like Facebook, Twitter, YouTube, Instagram or Snapchat</b>	0= Unchecked 1= Checked
<b>ADPROMOr17</b>	<b>Other (please specify): ____</b>	0= Unchecked 1= Checked
<b>ADPROMOr17oe</b>	<b>Other text</b>	[open-ended]
<b>ADPROMOr18</b>	<b>I have not noticed marijuana being advertised or promoted</b>	0= Unchecked 1= Checked
<b>ADPROMOr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>ADPROMOr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>ADPROMOr1_RECODED_DV</b>	<b>Regular postal mail</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr2_RECODED_DV</b>	<b>Websites or Other: Online (incl. news and smartphone ads)</b>	0= No 1= Yes

		-88=Refuse to answer
<b>ADPROMOr3_RECODED_DV</b>	<b>Email or text messages</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr4_RECODED_DV</b>	<b>Bars, pubs, or nightclubs</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr5_RECODED_DV</b>	<b>Inside stores that sell marijuana or Other: Inside other establishments that sell marijuana</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr6_RECODED_DV</b>	<b>Outside stores that sell marijuana or Other: Outside other establishments that sell marijuana</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr7_RECODED_DV</b>	<b>Pharmacies</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr8_RECODED_DV</b>	<b>Events like sporting events, concerts, festivals or markets</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr9_RECODED_DV</b>	<b>Kiosks or temporary sales locations (in shopping centers or on the street)</b>	0= No 1= Yes

		-88=Refuse to answer
<b>ADPROMOr10_RECODED_DV</b>	<b>TV or radio</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr11_RECODED_DV</b>	<b>Billboards or posters or Other: Highway/road signs</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr12_RECODED_DV</b>	<b>Print newspapers or magazines</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr13_RECODED_DV</b>	<b>At the movies</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr14_RECODED_DV</b>	<b>Taxis or buses/public transit or Other: Other vehicles</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr15_RECODED_DV</b>	<b>Flyers</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr16_RECODED_DV</b>	<b>Social media, like Facebook, Twitter, YouTube, Instagram or Snapchat</b>	0= No 1= Yes



		-88=Refuse to answer
<b>ADPROMOr17_RECODED_DV</b>	<b>Other</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr18_RECODED_DV</b>	<b>I have not noticed marijuana being advertised or promoted</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr19_DV</b>	<b>Other: news, unspecified medium (incl. business &amp; investor news &amp; stocks)</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr20_DV</b>	<b>Other: Inside/Outside stores about to legally sell marijuana</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr77_RECODED_DV</b>	<b>Don't know</b>	0= No 1= Yes -88=Refuse to answer
<b>ADPROMOr88_RECODED_DV</b>	<b>Refuse to answer</b>	0= No 1= Yes
<b>EDUCATION_AWARE</b>	<b>In the past 12 months, have you noticed education campaigns or public health messages about marijuana in any of the following places?</b>	

	<b>SELECT ALL THAT APPLY.</b>	
	UNIVERSE: ALL	
<b>EDUCATION_AWAREr1</b>	<b>School</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr2</b>	<b>Work</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr3</b>	<b>Websites</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr4</b>	<b>Email or text messages</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr5</b>	<b>Bars, pubs or nightclubs</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr6</b>	<b>Inside stores that sell marijuana</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr7</b>	<b>Outside stores that sell marijuana</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr8</b>	<b>Pharmacies</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr9</b>	<b>Events like sporting events, concerts, festivals or markets</b>	0= Unchecked 1= Checked

<b>EDUCATION_AWAREr10</b>	<b>Kiosks or temporary sales locations (in shopping centers or on the street)</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr11</b>	<b>TV or radio</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr12</b>	<b>Billboards or posters</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr13</b>	<b>Print newspapers or magazines</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr14</b>	<b>At the movies</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr15</b>	<b>Taxis or buses/public transit</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr16</b>	<b>Flyers</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr17</b>	<b>Social media, like Facebook, Twitter, YouTube, Instagram or Snapchat</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr18</b>	<b>Other (please specify):_____</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr18oe</b>	<b>Other text</b>	[open-ended]
<b>EDUCATION_AWAREr19</b>	<b>I have not noticed any education campaigns or public health messages</b>	0= Unchecked 1= Checked

<b>EDUCATION_AWAREr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>EDUCATION_AWAREr1_RECODED_DV</b>	<b>School</b>	0= No 1= Yes
<b>EDUCATION_AWAREr2_RECODED_DV</b>	<b>Work</b>	0= No 1= Yes
<b>EDUCATION_AWAREr3_RECODED_DV</b>	<b>Websites or Other: Online (incl. news and smartphone ads)</b>	0= No 1= Yes
<b>EDUCATION_AWAREr4_RECODED_DV</b>	<b>Email or text messages</b>	0= No 1= Yes
<b>EDUCATION_AWAREr5_RECODED_DV</b>	<b>Bars, pubs or nightclubs</b>	0= No 1= Yes
<b>EDUCATION_AWAREr6_RECODED_DV</b>	<b>Inside stores that sell marijuana or Other: Inside other establishments that sell marijuana</b>	0= No 1= Yes
<b>EDUCATION_AWAREr7_RECODED_DV</b>	<b>Outside stores that sell marijuana or Other: Outside other establishments that sell marijuana</b>	0= No 1= Yes
<b>EDUCATION_AWAREr8_RECODED_DV</b>	<b>Pharmacies</b>	0= No 1= Yes

<b>EDUCATION_AWAREr9_RECODED_DV</b>	<b>Events like sporting events, concerts, festivals or markets</b>	0= No 1= Yes
<b>EDUCATION_AWAREr10_RECODED_DV</b>	<b>Kiosks or temporary sales locations (in shopping centers or on the street)</b>	0= No 1= Yes
<b>EDUCATION_AWAREr11_RECODED_DV</b>	<b>TV or radio</b>	0= No 1= Yes
<b>EDUCATION_AWAREr12_RECODED_DV</b>	<b>Billboards or posters or Other: Road/highway signs</b>	0= No 1= Yes
<b>EDUCATION_AWAREr13_RECODED_DV</b>	<b>Print newspapers or magazines</b>	0= No 1= Yes
<b>EDUCATION_AWAREr14_RECODED_DV</b>	<b>At the movies</b>	0= No 1= Yes
<b>EDUCATION_AWAREr15_RECODED_DV</b>	<b>Taxis or buses/public transit or Other: Other vehicles</b>	0= No 1= Yes
<b>EDUCATION_AWAREr16_RECODED_DV</b>	<b>Flyers</b>	0= No 1= Yes
<b>EDUCATION_AWAREr17_RECODED_DV</b>	<b>Social media, like Facebook, Twitter, YouTube, Instagram or Snapchat</b>	0= No 1= Yes
<b>EDUCATION_AWAREr18_RECODED_DV</b>	<b>Other</b>	0= No 1= Yes

<b>EDUCATION_AWAREr19_DV</b>	<b>I have not noticed any education campaigns or public health messages</b>	0= No 1= Yes
<b>EDUCATION_AWAREr20_DV</b>	<b>Other: News (unspecified medium), incl. business/investment news and stocks</b>	0= No 1= Yes
<b>EDUCATION_AWAREr21_DV</b>	<b>Other: Doctor's office/clinic/hospital</b>	0= No 1= Yes
<b>EDUCATION_AWAREr77_RECODED_DV</b>	<b>Don't know</b>	0= No 1= Yes
<b>EDUCATION_AWAREr88_RECODED_DV</b>	<b>Refuse to answer</b>	0= No 1= Yes
<b>EDUCATION_DESC</b>	<p><b>Can you briefly describe the education message(s) or campaign(s) you saw?</b></p> <p><b>[OPEN TEXT FIELD]</b></p> <p>UNIVERSE: EDUCATION.AWARE=ANY SELECTED EXCEPT 19, -77 and -88</p>	

<p><b>WARNING_AWARE</b></p>	<p><b>In the past 12 months, have you seen health warnings on marijuana <u>products or packages</u>?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Yes 2= No 3= Not applicable – I have not seen any marijuana products or packages 77= Don't know 88= Refuse to answer</p>
<p><b>Public education – Describe health messages or warnings</b></p>	<p><b>We'd like to know what warnings you have seen on marijuana products or packages.</b></p> <p><b>Please describe the health messages you've seen on product or package warnings. Describe as many as you can.</b></p> <p>UNIVERSE: WARNING.AWARE=1</p> <p><i>Note: if using this variable, please code the warnings entered in WARNING_DESCr1oe to WARNING_DESCr6oe.</i></p>	
<p><b>WARNING_DESC_NUM_DV</b></p> <p>Summed WARNING_DESCr1 to WARNING_DESCr6, in which a value of '1' was assigned if the respondent clicked the check box to enter a warning description.</p>	<p><b>Number of warnings on marijuana products recalled.</b></p>	<p>[numeric] -77= Don't know -88= Refuse to answer</p>
<p><b>WARNING_DESCr1oe</b></p>	<p><b>Warning message 1 - entry</b></p>	<p>[open-ended]</p>

WARNING_DESCr2oe	Warning message 2 - entry	[open-ended]
WARNING_DESCr3oe	Warning message 3 - entry	[open-ended]
WARNING_DESCr4oe	Warning message 4 - entry	[open-ended]
WARNING_DESCr5oe	Warning message 5 - entry	[open-ended]
WARNING_DESCr6oe	Warning message 6 - entry	[open-ended]
WARNING_DESCr77	Don't know	0= Unchecked 1= Checked
WARNING_DESCr88	Refuse to answer	0= Unchecked 1= Checked
<b>Brand recall</b>	<p><b>Can you name any <u>brands or company names</u> of marijuana products?</b></p> <p><b>We are interested in marijuana brands or company names, <u>not</u> the name of marijuana strains or types. (For example, Marlboro and Budweiser are cigarette and beer brands.)</b></p> <p><b>Please name <u>up to 5</u> marijuana brands or company names (enter one name in each box below).</b></p> <p>UNIVERSE: ALL</p>	



	<i>Note: if using this variable, please code the warnings entered in BRAND_RECALLr1oe to BRAND_RECALLr5oe</i>	
<b>BRAND_RECALL_NUM_DV</b> Summed BRAND_RECALLr1 to BRAND_RECALLr5, in which a value of '1' was assigned if the respondent clicked the check box to enter a brand description.	<b>Number of marijuana brands recalled.</b>	[numeric] -77= Don't know -88= Refuse to answer
<b>BRAND_RECALLr1oe</b>	<b>Brand 1 - entry</b>	[open-ended]
<b>BRAND_RECALLr2oe</b>	<b>Brand 2 - entry</b>	[open-ended]
<b>BRAND_RECALLr3oe</b>	<b>Brand 3 - entry</b>	[open-ended]
<b>BRAND_RECALLr4oe</b>	<b>Brand 4 - entry</b>	[open-ended]
<b>BRAND_RECALLr5oe</b>	<b>Brand 5 - entry</b>	[open-ended]
<b>BRAND_RECALLr6</b>	<b>I don't know any brands</b>	0= Unchecked 1= Checked
<b>BRAND_RECALLr7</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked

## DRIVING & CANNABIS USE

<b>SAFE_DRIVE</b>	<i>RESPONDENTS RANDOMLY ASSIGNED TO ANSWER ONE OF THE FOLLOWING 3 QUESTIONS:</i>	1= Immediately 2= After 30 minutes
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	<ul style="list-style-type: none"> <li>• <b>When is it safe for an average person to drive after <u>smoking half a joint?</u></b></li> <li>• <b>When is it safe for an average person to drive after <u>eating a marijuana edible?</u></b></li> <li>• <b>When is it safe for an average person to drive after <u>having four alcoholic drinks at one time?</u></b></li> </ul> <p>UNIVERSE: ALL</p>	<p>3= After 1 hour  4= After 2 hours  5= After 3 hours  6= After 4 hours  7= After 5 hours  8= After 6 hours  9= After more than 6 hours  77= Don't know  88= Refuse to answer</p>
<b>hidSAFE</b>	<p><b>Which question wording was the participant randomly assigned to?</b></p>	<p>1= When is it safe for an average person to drive after smoking half a joint?  2= When is it safe for an average person to drive after eating a marijuana edible?  3= When is it safe for an average person to drive after having four alcoholic drinks at one time?</p>
<b>DRIVER</b>	<p><b>Have you ever <u>driven a vehicle</u> (e.g., car, snowmobile, motor boat, or an off-road</b></p>	<p>1= No, never  2= Yes, in the past 30 days</p>

	<p><b>vehicle (ATV)) within 2 hours of using marijuana?</b></p> <p>UNIVERSE: EVER.TRY=1</p>	<p>3= Yes, in the past 12 months</p> <p>4= Yes, more than 12 months ago</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<p><b>DRIVER_BINARY_DV</b></p> <p><i>Binary variable derived from DRIVER, where respondent assigned a '1' if DRIVER=2 or 3.</i></p>	<p><b>IN THE PAST 12 MONTHS: Have you driven a vehicle (e.g., car, snowmobile, motor boat, or an off-road vehicle (ATV)) within 2 h?</b></p> <p>UNIVERSE: EVER.TRY=1</p>	<p>0= No, never or not in the past 12 months</p> <p>1= Yes, in the past 12 months</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>PASSENGER</b></p>	<p><b>Have you ever been a <u>passenger in a vehicle</u> (e.g., car, snowmobile, motor boat, or an off-road vehicle (ATV)) driven by someone who had been using marijuana in the last 2 hours?</b></p> <p>UNIVERSE: ALL</p>	<p>1= No, never</p> <p>2= Yes, in the past 30 days</p> <p>3= Yes, in the past 12 months</p> <p>4= Yes, more than 12 months ago</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<p><b>PASSENGER_BINARY_DV</b></p>	<p><b>IN THE PAST 12 MONTHS: Have you been a passenger in a vehicle (e.g., car, snowmobile, motor boat, or an off-road vehicle ATV) driven by someone who</b></p>	<p>0= No, never or not in the past 12 months</p> <p>1= Yes, in the past 12 months</p>

<p><i>Binary variable derived from PASSENGER, where respondent assigned a '1' if PASSENGER=2 or 3.</i></p>	<p><b>had been using marijuana in the last 2 hours?</b></p> <p>UNIVERSE: ALL</p>	<p>-77= Don't know -88= Refuse to answer</p>
<p><b>DRIVE_PLAN</b></p>	<p><b>Have you ever <u>planned ahead or decided NOT to drive to avoid driving high?</u></b></p> <p>UNIVERSE: EVER.TRY=1</p>	<p>1= Yes 2= No 77= Don't know 88= Refuse to answer</p>
<p><b>DRIVING_SOC1</b></p>	<p><b>If someone <u>drives after drinking alcohol</u>, how likely are they to be <u>stopped by the police?</u></b></p> <p>UNIVERSE: ALL</p>	<p>1= Extremely unlikely 2= Unlikely 3= Neither likely nor unlikely 4= Likely 5= Extremely likely 77= Don't know 88= Refuse to answer</p>
<p><b>DRIVING_SOC2</b></p>	<p><b>If someone <u>drives after using marijuana</u>, how likely are they to be <u>stopped by the police?</u></b></p> <p>UNIVERSE: ALL</p>	<p>1= Extremely unlikely 2= Unlikely 3= Neither likely nor unlikely 4= Likely 5= Extremely likely 77= Don't know 88= Refuse to answer</p>

<p><b>DRIVING_SOC3</b></p>	<p><b>If someone is stopped by the police after <u>drinking alcohol</u>, how likely are they to be <u>charged</u>?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Extremely unlikely  2= Unlikely  3= Neither likely nor unlikely  4= Likely  5= Extremely likely  77= Don't know  88= Refuse to answer</p>
<p><b>DRIVING_SOC4</b></p> <p><i>Note: variable renamed using syntax so that numbers appear sequentially</i></p>	<p><b>If someone is stopped by the police after <u>using marijuana</u>, how likely are they to be <u>charged</u>?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Extremely unlikely  2= Unlikely  3= Neither likely nor unlikely  4= Likely  5= Extremely likely  77= Don't know  88= Refuse to answer</p>
<p><b>DRIVING_SOC5</b></p> <p><i>Note: variable renamed using syntax so that numbers appear sequentially</i></p>	<p><b>If a friend was <u>drunk</u> and was going to drive, would you try to stop them?</b></p> <p>UNIVERSE: ALL</p>	<p>1= I wouldn't do anything  2= I would tell them not to drive, but I wouldn't try to stop them  3= I would try a little bit to stop them from driving  4= I would try very hard to stop them from driving</p>

		77= Don't know 88= Refuse to answer
<b>DRIVING_SOC6</b> <i>Note: variable renamed using syntax so that numbers appear sequentially</i>	<b>If a friend was <u>high</u> and was going to drive, would you try to stop them?</b>  UNIVERSE: ALL	1= I wouldn't do anything 2= I would tell them not to drive, but I wouldn't try to stop them 3= I would try a little bit to stop them from driving 4= I would try very hard to stop them from driving 77= Don't know 88= Refuse to answer
<b>DRIVING_SOC7</b>	<b>Is it easy or difficult to tell if someone has had <u>too much alcohol to drive safely?</u></b>  UNIVERSE: ALL	1= Very easy 2= Easy 3= Neither easy nor difficult 4= Difficult 5= Very difficult 77= Don't know 88= Refuse to answer
<b>DRIVING_SOC8</b>	<b>Is it easy or difficult to tell if someone has had <u>too much marijuana to drive safely?</u></b>	1= Very easy 2= Easy 3= Neither easy nor difficult

	UNIVERSE: ALL	4= Difficult 5= Very difficult 77= Don't know 88= Refuse to answer
<b>IMPAIR2</b>	<b>Does <u>driving drunk</u> increase the risk of getting into an accident?</b>  UNIVERSE: ALL	1= Not at all 2= A little 3= Somewhat 4= A lot 77= Don't know 88= Refuse to answer
<b>IMPAIR1</b>	<b>Does <u>driving high</u> increase the risk of getting into an accident?</b>  UNIVERSE: ALL	1= Not at all 2= A little 3= Somewhat 4= A lot 77= Don't know 88= Refuse to answer

## POLYSUBSTANCE USE

<b>Other drugs – Ever used</b> <b>MODIFIED IN W2</b>	<b>Have you <u>ever</u> used any of the following drugs?</b>	
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	<b>SELECT ALL THAT APPLY.</b>	
	UNIVERSE: ALL	
DRUGS_TRYr1	<b>Tobacco cigarettes</b>	0= Unchecked 1= Checked
DRUGS_TRYr2	<b>E-cigarettes / vaped nicotine</b>	0= Unchecked 1= Checked
DRUGS_TRYr3	<b>Synthetic marijuana (e.g., spice, K2, K3, scene, herbal mixtures, herbal incense)</b>	0= Unchecked 1= Checked
DRUGS_TRYr4	<b>Amphetamines (e.g., speed, crystal meth or ice, meth, Adderall)</b>	0= Unchecked 1= Checked
DRUGS_TRYr5	<b>MDMA (e.g., ecstasy, Molly, E, X)</b>	0= Unchecked 1= Checked
DRUGS_TRYr6	<b>Hallucinogens (e.g., LSD, acid, PCP, magic mushrooms or 'shrooms', mescaline, peyote)</b>	0= Unchecked 1= Checked
DRUGS_TRYr7	<b>Prescription pain relievers <u>to get high</u> (e.g., oxycodone, hydrocodone)</b>	0= Unchecked 1= Checked
DRUGS_TRYr8	<b>Heroin (e.g., smack, dope), <u>illegal fentanyl</u>, or <u>other illegal/street opioids</u></b>	0= Unchecked 1= Checked
DRUGS_TRYr9	<b>Cocaine (e.g., crack, blow, snow)</b>	0= Unchecked



		1= Checked
<b>DRUGS_TRYr10</b>	<b>I have never used any of the drugs listed here</b>	0= Unchecked 1= Checked
<b>DRUGS_TRYr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>DRUGS_TRYr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>Other drugs - Recent</b> <b>MODIFIED IN W2</b>	<b>When was the last time you used</b> <b><i>[INSERTED DRUG CATEGORY FROM DRUGS.TRY]...</i></b>  <b><i>[REPEATED FOR EACH DRUG CATEGORY SELECTED IN DRUGS.TRY]</i></b>  UNIVERSE: DRUGS.TRY=1-9	
<b>DRUGS_LASTr1</b>	<b>Tobacco cigarettes</b>	1= More than 12 months ago 2= Between 3 to 12 months ago 3= Between 1 to 3 months ago 4= Within the last month 5= Within the last week 77= Don't know 88= Refuse to answer
<b>DRUGS_LASTr2</b>	<b>E-cigarettes / vaped nicotine</b>	1= More than 12 months ago

		<p>2= Between 3 to 12 months ago</p> <p>3= Between 1 to 3 months ago</p> <p>4= Within the last month</p> <p>5= Within the last week</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>DRUGS_LASTr3</b>	<b>Synthetic marijuana (e.g., spice, K2, K3, scene, herbal mixtures, herbal incense)</b>	<p>1= More than 12 months ago</p> <p>2= Between 3 to 12 months ago</p> <p>3= Between 1 to 3 months ago</p> <p>4= Within the last month</p> <p>5= Within the last week</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>DRUGS_LASTr4</b>	<b>Amphetamines (e.g., speed, crystal meth or ice, meth, Adderall)</b>	<p>1= More than 12 months ago</p> <p>2= Between 3 to 12 months ago</p> <p>3= Between 1 to 3 months ago</p> <p>4= Within the last month</p> <p>5= Within the last week</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>DRUGS_LASTr5</b>	<b>MDMA (e.g., ecstasy, Molly, E, X)</b>	<p>1= More than 12 months ago</p>

		<p>2= Between 3 to 12 months ago</p> <p>3= Between 1 to 3 months ago</p> <p>4= Within the last month</p> <p>5= Within the last week</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>DRUGS_LASTr6</b>	<b>Hallucinogens (e.g., LSD, acid, PCP, magic mushrooms or 'shrooms', mescaline, peyote)</b>	<p>1= More than 12 months ago</p> <p>2= Between 3 to 12 months ago</p> <p>3= Between 1 to 3 months ago</p> <p>4= Within the last month</p> <p>5= Within the last week</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>DRUGS_LASTr7</b>	<b>Prescription pain relievers <u>to get high</u> (e.g., oxycodone, hydrocodone)</b>	<p>1= More than 12 months ago</p> <p>2= Between 3 to 12 months ago</p> <p>3= Between 1 to 3 months ago</p> <p>4= Within the last month</p> <p>5= Within the last week</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>

<b>DRUGS_LASTr8</b>	<b>Heroin (e.g., smack, dope), <u>illegal fentanyl</u>, or <u>other illegal/street opioids</u></b>	1= More than 12 months ago 2= Between 3 to 12 months ago 3= Between 1 to 3 months ago 4= Within the last month 5= Within the last week 77= Don't know 88= Refuse to answer
<b>DRUGS_LASTr9</b>	<b>Cocaine (e.g., crack, blow, snow)</b>	1= More than 12 months ago 2= Between 3 to 12 months ago 3= Between 1 to 3 months ago 4= Within the last month 5= Within the last week 77= Don't know 88= Refuse to answer
<b>CIGARETTES_PAST12MOS_BINARY_DV</b>	<b>Past 12 month tobacco cigarette use</b>	0= Not in past 12 months 1= Yes, past 12 months 77= Don't know 88= Refuse to answer 99= Never smoked cigarettes

<p><b>DRINKING_FREQUENCY</b></p>	<p><b>During the past 12 months, how often did you usually have any kind of beverage containing alcohol?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Every day or nearly every day</p> <p>2= Three or four times a week</p> <p>3= Once or twice a week</p> <p>4= One to three times a month</p> <p>5= Seven to 11 times in the last 12 months</p> <p>6= Three to six times in the last 12 months</p> <p>7= Twice in the last 12 months</p> <p>8= Once in the last 12 months</p> <p>9= Never in the last 12 months</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<p><b>Drinking - Amount</b></p>	<p><b>On those days when you had any kind of beverage containing alcohol, how many drinks did you usually have?</b></p> <p><i>A drink means: 1 regular sized bottle, can, or draft of beer; 1 glass of wine; 1 bottle or can of cooler; 1 shot of liquor (rum, whiskey, etc.); or 1 mixed drink (1 shot of liquor with pop, juice, energy drink, etc.).</i></p>	

	<p><b>Enter number of drinks per day:</b></p> <p>_____</p> <p>UNIVERSE: DRINKING.FREQUENCY= 1-8</p>	
<b>DRINKING_AMOUNTr1</b>	<b>Number of drinks per day</b>	[numeric]
<b>noanswerDRINKING_AMOUNT_r77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>noanswerDRINKING_AMOUNT_r88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>DRINKING_FREQUENCY_DV</b>	<b>Drinking frequency quantified</b>	[numeric]
<b>DRINKING_WEEKLY_DV</b>	<b>Drinking frequency divided by 52 weeks</b>	[numeric]
<b>DRINKS_DAILY_DV</b>	<b>Number of drinks consumed per day in past 12 months, on days when the respondent drank alcohol.</b>	[numeric] -77= Don't know -88 = Refuse to answer
<b>QFWEELY_DV</b>	<b>Drinks per day x frequency per week</b>	[numeric]
<b>DRINKING_4CAT_DV</b>	<b>Drinking volume - categorized</b>	1= Low volume: ≤10 for females/≤15 for males per week}  2= Risky volume: 11-19 for females/16-29 for males per week

		3= High volume: $\geq 20$ for females/ $\geq 30$ for males per week 4= Unstated
<b>ALCOHOL_PAST12MONTHS_BINARY_DV</b>	<b>Alcohol use in past 12 months</b>	0= Not in past 12 months 1= Yes, past 12 months 77= Don't know 88= Refuse to answer
<b>Other drugs - Mixing</b>  <b>MODIFIED IN W2</b>	<i>POPULATED A TABLE WITH THE SUBSTANCES SELECTED IN DRUGS.TRY. INCLUDED DRINKING.FREQUENCY IF 2-9 SELECTED AS "ALCOHOL".</i>  <b>Which substances have you used <u>on the same occasion with marijuana</u> in the past 12 months?</b>  <b>[INSERT CHECKLIST]</b>  UNIVERSE: DRUGS.TRY=1-9, ALCOHOL.FREQUENCY=2-9, USE.RECENT=2,3,4	
<b>DRUGS_MARIJUANAr1</b>	<b>Tobacco cigarettes</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr2</b>	<b>E-cigarettes / vaped nicotine</b>	0= Unchecked 1= Checked

<b>DRUGS_MARIJUANAr3</b>	<b>Synthetic marijuana (e.g., spice, K2, K3, scene, herbal mixtures, herbal incense)</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr4</b>	<b>Amphetamines (e.g., speed, crystal meth or ice, meth, Adderall)</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr5</b>	<b>MDMA (e.g., ecstasy, Molly, E, X)</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr6</b>	<b>Hallucinogens (e.g., LSD, acid, PCP, magic mushrooms or 'shrooms', mescaline, peyote)</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr7</b>	<b>Prescription pain relievers <u>to get high</u> (e.g., oxycodone, hydrocodone)</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr8</b>	<b>Heroin (e.g., smack, dope), <u>illegal fentanyl</u>, or <u>other illegal/street opioids</u></b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr9</b>	<b>Cocaine (e.g., crack, blow, snow)</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr10</b>	<b>I have not used any of these substances on the same occasion with marijuana</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>DRUGS_MARIJUANAr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked



<b>Other drugs - Substitution</b>	<i>DRUGS DISPLAYED AS A GRID.</i>  <b>If you did <u>not</u> use marijuana at all, would you use more, less, or the same amount of the following:</b>  UNIVERSE: USE.RECENT=2,3,4	
<b>SUB_ALCr1</b>	<b>Alcohol</b>	1= Use less 2= Use more 3= No difference, would use the same amount 4= Not applicable / I do not use this 77= Don't know 88= Refuse to answer
<b>SUB_ALCr2</b>	<b>Tobacco</b>	1= Use less 2= Use more 3= No difference, would use the same amount 4= Not applicable / I do not use this 77= Don't know 88= Refuse to answer

SUB_ALCr3	<b>Prescription opioids or pain medication</b>	1= Use less 2= Use more 3= No difference, would use the same amount 4= Not applicable / I do not use this 77= Don't know 88= Refuse to answer
SUB_ALCr4	<b>Other prescription drugs</b>	1= Use less 2= Use more 3= No difference, would use the same amount 4= Not applicable / I do not use this 77= Don't know 88= Refuse to answer
SUB_ALCr5	<b>Over-the-counter drugs (drugs that don't need a prescription)</b>	1= Use less 2= Use more 3= No difference, would use the same amount 4= Not applicable / I do not use this 77= Don't know

		88= Refuse to answer
<b>SUB_ALCr6</b>	<b>Illegal opioids (heroin, fentanyl)</b>	1= Use less 2= Use more 3= No difference, would use the same amount 4= Not applicable / I do not use this 77= Don't know 88= Refuse to answer
<b>SUB_ALCr7</b>	<b>Other recreational drugs</b>	1= Use less 2= Use more 3= No difference, would use the same amount 4= Not applicable / I do not use this 77= Don't know 88= Refuse to answer

## **POLICY SUPPORT**

<b>POLICY_SALES</b>	<b>In your opinion, should recreational (non-medical) marijuana be sold...</b>	1= Only in government stores 2= Only in private (non-government) stores
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	UNIVERSE: ALL	3= In a mix of private and government stores 77= Don't know 88 = Refuse to answer
<b>POLICY_LEGAL</b>	<p><i>PARTICIPANTS RANDOMIZED TO SEE ONLY 1 OF THE 2 WORDINGS FOR THIS QUESTION.</i></p> <p><b>Should the use of recreational (non-medical) marijuana be...</b></p> <ul style="list-style-type: none"> <li>• legal?</li> <li>• illegal?</li> </ul> <p>UNIVERSE: ALL</p>	1= Yes 2= No -77= Don't know -88= Refuse to answer
<b>POLICY_LEGALx1</b>	<b>Which wording was the respondent randomly assigned to?</b>	1= legal 2= illegal

## DOSE LABELLING

<b>LABEL_APPEAL</b> <b>DIFFERENT EXPERIMENT CONDUCTED IN W2</b>	<i>PARTICIPANTS IN EACH COUNTRY RANDOMIZED TO VIEW ONE OF 18</i>	0= Not at all appealing
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	<p><i>IMAGES. (3 PRODUCT TYPES – PACK OF PRE-ROLLED JOINTS, BAG OF EDIBLE GUMMIES OR BOTTLE OF CANNABIS OIL, PLUS HEALTH WARNINGS OR NOT AND BRANDING OR PLAIN PACKAGING)</i></p> <p>[IMAGE; See PACKAGE_CONDITION, below.]</p> <p><b>How <u>appealing</u> would this marijuana product be to try?</b></p> <p>UNIVERSE= ALL</p>	<p>1= 1 2= 2 3= 3 4= 4 5= 5 6= 6 7= 7 8= 8 9= 9 10 = Very appealing 77= Don't know 88= Refuse to answer</p>
<p><b>AGE_APPEAL</b></p> <p><b>DIFFERENT EXPERIMENT CONDUCTED IN W2</b></p>	<p><i>USED SAME EXPERIMENTAL CONDITION AND IMAGE AS IN LABEL.APPEAL.</i></p> <p><b>In your opinion, what <u>age group</u> would be most likely to try this product?</b></p> <p>[SAME IMAGE AS DISPLAYED IN LABEL.APPEAL; see PACKAGE_CONDITION, below]</p>	<p>1= 12- to 18-year olds 2= 19- to 30-year olds 3= 30- to 40-year olds 4= People over 40 77= Don't know 88= Refuse to answer</p>

	UNIVERSE= ALL	
<b>PACKAGE_CONDITION</b> <b>DIFFERENT EXPERIMENT CONDUCTED IN W2</b>	<b>Which package image was the respondent randomly assigned to?</b>	1= gummies - full branding 2= gummies - full branding + warning 3= gummies - brand logo + warning 4= gummies - brand logo 5= gummies - plain packaging + warning 6= gummies - plain packaging 7= cannabis oil - full branding + warning 8= cannabis oil - full branding 9= cannabis oil - brand logo + warning 10= cannabis oil - brand logo 11= cannabis oil - plain packaging + warning 12= cannabis oil - plain packaging 13= pre-rolled joints - full branding + warning

		<p>14= pre-rolled joints - full branding</p> <p>15= pre-rolled joints - brand logo + warning</p> <p>16= pre-rolled joints- brand logo</p> <p>17= pre-rolled joints - plain packaging + warning</p> <p>18= pre-rolled joints - plain packaging</p>
<p><b>DOSE_EXPERIMENT</b></p> <p>DIFFERENT EXPERIMENT CONDUCTED IN W2</p>	<p><i>PARTICIPANTS IN EACH COUNTRY RANDOMIZED TO VIEW ONE OF 3 IMAGES.</i></p> <p><b>Based on the information provided, <u>how much</u> of the product should someone eat on one occasion if they want a <u>standard serving</u>?</b></p> <p><i>[DISPLAYED IMAGE: BROWNIE CONDITION 1, 2, OR 3]</i></p> <p>UNIVERSE: ALL</p>	<p>1= ¼ of a brownie</p> <p>2= ½ of a brownie</p> <p>3= ¾ of a brownie</p> <p>4= 1 brownie 5= 2 brownies</p> <p>6= 3 brownies</p> <p>7= 4 brownies</p> <p>8= More than 4 brownies</p> <p>-77 = Don't know</p> <p>-88= Refuse to answer</p>
<p><b>DOSE_CONDITION</b></p> <p>DIFFERENT EXPERIMENT CONDUCTED IN W2</p>	<p><b>Which brownie image was the respondent randomly assigned to?</b></p>	<p>1= Brownie condition 1</p> <p>2= Brownie condition 2</p> <p>3= Brownie condition 3</p>

<p><b>DOSE_EXPERIMENT_VALIDATION</b></p> <p>DIFFERENT EXPERIMENT CONDUCTED IN W2</p>	<p><b>Correct or incorrect response?</b></p> <p><i>Note:</i></p> <p><i>CORRECT ANSWERS:</i></p> <p><i>CONDITION 1: 1 BROWNIE</i></p> <p><i>CONDITION 2: 1 BROWNIE</i></p> <p><i>CONDITION 3: 1/4 of a BROWNIE</i></p>	<p>1= Correct answer</p> <p>2= Wrong answer</p>
<p><b>DOSE_EXPERIMENT_DV</b></p> <p>DIFFERENT EXPERIMENT CONDUCTED IN W2</p>	<p><b>Dose experiment - derived variable.</b></p> <p><i>Note:</i></p> <p><b><i>“Don’t know” is considered incorrect.</i></b></p> <p><i>CORRECT ANSWERS:</i></p> <p><i>CONDITION 1: 1 BROWNIE (option 4)</i></p> <p><i>CONDITION 2: 1 BROWNIE (option 4)</i></p> <p><i>CONDITION 3: 1/4 of a BROWNIE (option 1)</i></p>	<p>0=Incorrect answer (including don’t know)</p> <p>1= Correct answer</p>

## ADDITIONAL SOCIODEMOGRAPHIC QUESTIONS

<p><b>Info screen - Sociodemographics</b></p>	<p><b>We would like to ask you a few final questions about yourself before we finish.</b></p>	
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	<b>As a reminder, all your information will be kept strictly confidential.</b>	
<b>DQ_MONTH</b> Data quality check; note: Should be able to check this against "Date"	<b>What is the current month?</b>  UNIVERSE: ALL	1= January 2= February 3= March 4= April 5= May 6= June 7= July 8= August 9= September 10= October 11= November 12= December
<b>VISIBLE_MINORITY</b> DELETED IN W2	<b>Do you consider yourself a visible minority?</b>  UNIVERSE: ALL	1= Yes 2= No 77=Don't know 88=Refuse to answer

<p><b>VISIBLE_MINORITY_DV</b></p> <p>DELETED IN W2</p>	<p><b>Do you consider yourself a visible minority? (recoded)</b></p> <p><i>Note: please use this version, which has been recoded and cleaned.</i></p> <p>UNIVERSE: ALL</p>	<p>0= No</p> <p>1= Yes</p> <p>2= Unstated</p>
<p><b>INDIGENOUS_CAN</b></p> <p>DELETED IN W2</p>	<p><b>Are you an Aboriginal person, that is, First Nations (North American Indian), Metis or Inuk (Inuit)?</b></p> <p><b>Note: First Nations (North American Indian) includes Status and Non-Status Indians.</b></p> <p>UNIVERSE: COUNTRY=1 (CANADA); IF [INDIGENOUS=1 ('NO')] THEN CONTINUE TO [ETHNICITY]; IF [INDIGENOUS&gt;1], SKIP TO [EDUCATION.CANADA]</p>	<p>1= No, not an Aboriginal person</p> <p>2= Yes, First Nations (North American Indian)</p> <p>3= Yes, Métis</p> <p>4= Yes, Inuk (Inuit)</p>

<b>Ethnicity - Canada</b> <b>MODIFIED IN W2</b>	<b>People in Canada come from many racial and cultural groups. Choose the group(s) that best apply/applies to you.</b>  <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: COUNTRY=1 (CANADA) AND INDIGENOUS.CAN=1	
<b>ETHNICITY_CANr1</b>	<b>White</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr2</b>	<b>South Asian (e.g., East Indian, Pakistani, Sri Lankan, etc.)</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr3</b>	<b>Chinese</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr4</b>	<b>Black</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr5</b>	<b>Filipino</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr6</b>	<b>Latin American</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr7</b>	<b>Arab</b>	0= Unchecked 1= Checked

<b>ETHNICITY_CANr8</b>	<b>Southeast Asian (e.g., Vietnamese, Cambodian, Laotian, Thai, etc.)</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr9</b>	<b>West Asian (e.g., Iranian, Afghan, etc.)</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr10</b>	<b>Korean</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr11</b>	<b>Japanese</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr12</b>	<b>Other _____</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr12oe</b>	<b>Other text</b>	[open-ended]
<b>ETHNICITY_CANr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>ETHNICITY_CANr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked

<p><b>ETHNICITY_CANADA_DV</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>Ethnicity (Canada).</b></p>	<p>1=White only  2=Chinese only  3=South Asian only  4=Black only  5=Aboriginal inclusive (includes mixed)  6=Mixed/Other/Not Stated/Missing (excludes Aboriginal)</p>
<p><b>HISPANIC_USA</b></p>	<p><b>Do you consider yourself to be <u>Hispanic, Latino, or of Spanish origin?</u></b></p> <p><b>Spanish, Hispanic or Latino people may be of any race. If you are not sure, please see the list of Hispanic or Latino categories below.</b></p> <p>Hispanic or Latino categories/countries:</p> <ul style="list-style-type: none"> <li>▪ Mexican</li> <li>▪ Puerto Rican</li> <li>▪ Cuban</li> <li>▪ Dominican Republic</li> <li>▪ Central American: Costa Rican, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, Other Central American</li> <li>▪ South American: Argentinean, Bolivian, Chilean, Colombian, Ecuadorian, Paraguayan, Peruvian,</li> </ul>	<p>1= Yes  2= No  77= Don't know  88 = Refuse to answer</p>

	<p>Uruguayan, Venezuelan, Other South American</p> <ul style="list-style-type: none"> <li>▪ Other Hispanic or Latino: Spaniard, Spanish, Spanish American</li> </ul> <p>UNIVERSE: COUNTRY=2 (USA)</p>	
<b>ETHNICITY_USA</b>	<p><b>People living in the United States come from many different cultural and racial backgrounds.</b></p> <p><b>What race do you consider yourself to be?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: COUNTRY=2 (USA)</p>	
<b>ETHNICITY_USAr1</b>	<b>American Indian or Alaskan Native</b>	<p>0= Unchecked</p> <p>1= Checked</p>
<b>ETHNICITY_USAr2</b>	<b>Asian</b>	<p>0= Unchecked</p> <p>1= Checked</p>
<b>ETHNICITY_USAr3</b>	<b>Black or African American</b>	<p>0= Unchecked</p> <p>1= Checked</p>

ETHNICITY_USAr4	<b>Native Hawaiian or Pacific Islander</b>	0= Unchecked 1= Checked
ETHNICITY_USAr5	<b>White</b>	0= Unchecked 1= Checked
ETHNICITY_USAr6	<b>Other (please specify):____</b>	0= Unchecked 1= Checked
ETHNICITY_USAr6oe	<b>Other text</b>	[open-ended]
ETHNICITY_USAr77	<b>Don't know</b>	0= Unchecked 1= Checked
ETHNICITY_USAr88	<b>Refuse to answer</b>	0= Unchecked 1= Checked
ETHNICITY_USA_6CAT_DV	<b>Ethnic/racial group - USA 6 categories</b>  <i>Note: This variable aggregates White (Hispanic and non-Hispanic) respondents and Other/2+ races/Unstated/</i>	1= White 2= American Indian or Alaskan Native 3= Asian 4= Black or African American 5= Native Hawaiian or Pacific Islander 6= Other / 2+ races/Unstated
ETHNICITY_USA_DV	<b>USA Ethnic/racial group - USA - with Hispanic &amp; non-Hispanic White</b>	1= White - non-Hispanic 2= White - Hispanic

	<i>Note: This variable separates out White respondents according to whether they identified as Hispanic or non-Hispanic.</i>	3= American Indian or Alaskan Native 4= Asian 5= Black or African American 6= Native Hawaiian or Pacific Islander 7= Other / 2+ races 8= Unstated
<b>ETHNICITY_BINARY_DV</b>	<b>Ethnic/racial group - binary (both countries)</b>	0= White 1= Other
<b>EDUCATION_CANADA</b>	<b>What is the highest level of formal education that you have <u>completed</u>?</b>  UNIVERSE: COUNTRY=1 (CANADA)	1= Grade 9 or less 2= Grade 10 3= Grade 11 4= Grade 12 or 13, <u>NO diploma</u> 5= High school diploma or equivalent 6= Some college or technical/vocational training, <u>NO certificate</u> 7= Trade certificate or diploma from a technical/vocational school or apprenticeship training



		<p>8= Diploma or certificate from college or CEGEP (other than trade certificates or diplomas)</p> <p>9= Some university, or university certificate/diploma below the bachelor's level</p> <p>10= Bachelor's degree (e.g., BA, BSc, BASc)</p> <p>11= Master's degree (e.g., MA, MSc, MEng, MEd, MBA)</p> <p>12= Professional school degree (e.g., MD, DDS, DVM, LLB)</p> <p>13= Doctoral degree (e.g., PhD, EdD)</p> <p>14= Other (please specify): _____</p> <p>77 = Don't know</p> <p>88 – Refuse to answer</p>
<b>EDUCATION_CANADAr14oe</b>	<b>Other text</b>	[open-ended]
<b>EDUCATION_CANADA_DV</b>	<b>Highest level of formal education - Canada</b>	<p>1= Less than high school</p> <p>2= High school diploma or equivalent</p> <p>3= Some college or technical/vocational training or certificate/diploma, or</p>

		apprenticeship, or some university 4= Bachelors degree or higher -77 = Don't know -88= Refuse to answer
<b>EDUCATION_USA</b>	<b>What is the highest level of formal education that you have completed?</b>  UNIVERSE: COUNTRY=2 (USA)	1= 9 <sup>th</sup> grade or less 2= 10 <sup>th</sup> grade 3= 11 <sup>th</sup> grade 4= 12 <sup>th</sup> grade, <u>no diploma</u> 5= High school graduate 6= GED or equivalent 7= Some college, no degree 8= Associate degree: occupational, technical, or vocational program 9= Associate degree: academic program 10= Bachelor's degree (e.g., BA, AB, BS, BBA) 11= Master's degree (e.g., MA, MS, MEng, MEd, MBA) 12= Professional school degree (e.g., MD, DDS, DVM, JD)

		<p>13= Doctoral degree (e.g., PhD, EdD)</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<b>EDUCATION_USA_DV</b>	<b>Highest level of education attained - USA</b>	<p>1= Less than high school</p> <p>2= High school diploma or equivalent</p> <p>3= Some college or technical/vocational training or certificate/diploma, or apprenticeship, or some university</p> <p>4= Bachelors degree or higher</p> <p>-77 = Don't know</p> <p>-88= Refuse to answer</p>
<b>EDUCATION_DV</b>	<p><b>Highest level of education attained - both countries</b></p> <p><i>EDUCATION_CANADA_DV and EDUCATION_USA_DV combined into one variable.</i></p>	<p>1= Less than high school</p> <p>2= High school diploma or equivalent</p> <p>3= Some college or technical/vocational training or certificate/diploma, or apprenticeship, or some university</p> <p>4= Bachelors degree or higher</p> <p>-77 = Don't know</p>

		-88= Refuse to answer
<b>GEN_HEALTH</b>	<p><b>In general, would you say your health is...?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Excellent</p> <p>2=Very good</p> <p>3= Good</p> <p>4= Fair</p> <p>5= Poor</p> <p>-77= Don't know</p> <p>-88= Refuse to answer</p>
<p><b>Mental health - Family history</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>Do you have a <u>family history</u> of mental health problems related to any of the following?</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: ALL</p>	
<b>MENTAL_EVERr1</b>	<b>Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder)</b>	<p>0= Unchecked</p> <p>1= Checked</p>
<b>MENTAL_EVERr2</b>	<b>Depression (including dysthymia)</b>	<p>0= Unchecked</p> <p>1= Checked</p>
<b>MENTAL_EVERr3</b>	<b>Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss)</b>	<p>0= Unchecked</p> <p>1= Checked</p>
<b>MENTAL_EVERr4</b>	<b>Bipolar disorder or mania</b>	<p>0= Unchecked</p>

		1= Checked
<b>MENTAL_EVERr5</b>	<b>Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear)</b>	0= Unchecked 1= Checked
<b>MENTAL_EVERr6</b>	<b>Schizophrenia</b>	0= Unchecked 1= Checked
<b>MENTAL_EVERr7</b>	<b>Drug or alcohol use</b>	0= Unchecked 1= Checked
<b>MENTAL_EVERr8</b>	<b>Other significant emotional or mental health problem (please specify):_____</b>	0= Unchecked 1= Checked
<b>MENTAL_EVERr8oe</b>	<b>Other text</b>	[open-ended]
<b>MENTAL_EVERr9</b>	<b>Nobody in my family has experienced significant emotional or mental health problems.</b>	0= Unchecked 1= Checked
<b>MENTAL_EVERr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>MENTAL_EVERr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>MENTAL_EVERr1_RECODED_DV</b>	<b>Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder)</b>	0= No 1= Yes
<b>MENTAL_EVERr2_RECODED_DV</b>	<b>Depression (including dysthymia)</b>	0= No

		1= Yes
<b>MENTAL_EVERr3_RECODED_DV</b>	<b>Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss)</b>	0= No 1= Yes
<b>MENTAL_EVERr4_RECODED_DV</b>	<b>Bipolar disorder or mania, including Other: Borderline Personality Disorder</b>	0= No 1= Yes
<b>MENTAL_EVERr5_RECODED_DV</b>	<b>Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear), including Other: Dissociative Identity Disorder (formerly Multiple Personality Disorder)</b>	0= No 1= Yes
<b>MENTAL_EVERr6_RECODED_DV</b>	<b>Schizophrenia</b>	0= No 1= Yes
<b>MENTAL_EVERr7_RECODED_DV</b>	<b>Drug or alcohol use</b>	0= No 1= Yes
<b>MENTAL_EVERr8_RECODED_DV</b>	<b>Other significant emotional or mental health problem</b>	0= No 1= Yes
<b>MENTAL_EVERr9_RECODED_DV</b>	<b>Nobody in my family has experienced significant emotional or mental health problems</b>	0= No 1= Yes
<b>MENTAL_EVERr10_DV</b>	<b>Other: Eating disorder</b>	0= No 1= Yes

<b>MENTAL_EVERr11_DV</b>	<b>Other: ADD/ADHD</b>	0= No 1= Yes
<b>MENTAL_EVERr12_DV</b>	<b>Other: Autism Spectrum Disorder (including Asperger's)</b>	0= No 1= Yes
<b>MENTAL_EVERr77_RECODED_DV</b>	<b>Don't know</b>	0= No 1= Yes
<b>MENTAL_EVERr88_RECODED_DV</b>	<b>Refuse to answer</b>	0= No 1= Yes
<b>Mental health - Personal</b> <b>MODIFIED IN W2</b>	<b>Have <u>you</u> ever experienced any of the following mental health problems (regardless of whether you were diagnosed)?</b>  <b>SELECT ALL THAT APPLY.</b>  UNIVERSE: ALL	
<b>MENTAL_SELFr1</b>	<b>Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder)</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr2</b>	<b>Depression (including dysthymia)</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr3</b>	<b>Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss)</b>	0= Unchecked 1= Checked

<b>MENTAL_SELFr4</b>	<b>Bipolar disorder or mania</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr5</b>	<b>Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear)</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr6</b>	<b>Schizophrenia</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr7</b>	<b>Drug or alcohol use</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr8</b>	<b>Other significant emotional or mental health problem (please specify):_____</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr8oe</b>	<b>Other text</b>	[open-ended]
<b>MENTAL_SELFr9</b>	<b>I have never experienced significant emotional or mental health problems</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>MENTAL_SELFr1_RECODED_DV</b>	<b>Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder)</b>	0= No 1= Yes



<b>MENTAL_SELFr2_RECODED_DV</b>	<b>Depression (including dysthymia)</b>	0= No 1= Yes
<b>MENTAL_SELFr3_RECODED_DV</b>	<b>Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss) or Other: Grief</b>	0= No 1= Yes
<b>MENTAL_SELFr4_RECODED_DV</b>	<b>Bipolar disorder or mania or Other: Borderline Personality Disorder</b>	0= No 1= Yes
<b>MENTAL_SELFr5_RECODED_DV</b>	<b>Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear) or Other: Dissociative Identity Disorder (formerly Multiple Personality Disorder)</b>	0= No 1= Yes
<b>MENTAL_SELFr6_RECODED_DV</b>	<b>Schizophrenia</b>	0= No 1= Yes
<b>MENTAL_SELFr7_RECODED_DV</b>	<b>Drug or alcohol use</b>	0= No 1= Yes
<b>MENTAL_SELFr8_RECODED_DV</b>	<b>Other significant emotional or mental health problem</b>	0= No 1= Yes
<b>MENTAL_SELFr9_RECODED_DV</b>	<b>I have never experienced significant emotional or mental health problems</b>	0= No 1= Yes
<b>MENTAL_SELFr10_DV</b>	<b>Other: Eating disorder</b>	0= No 1= Yes
<b>MENTAL_SELFr11_DV</b>	<b>Other: ADD/ADHD</b>	0= No

		1= Yes
<b>MENTAL_SELFr12_DV</b>	<b>Other: Autism Spectrum Disorder (including Asperger's)</b>	0= No 1= Yes
<b>MENTAL_SELFr77_RECODED_DV</b>	<b>Don't know</b>	0= No 1= Yes
<b>MENTAL_SELFr88_RECODED_DV</b>	<b>Refuse to answer</b>	0= No 1= Yes
<b>MENTAL_SELF_BINARY_DV</b> <i>Binary variable derived from the MENTAL_SELF (RECODED) series. Respondent assigned a '1' if they selected at least one mental health condition.</i>	<b>Have you ever experienced any of the following mental health problems (regardless of whether you were diagnosed)?</b>  UNIVERSE: ALL	0= No 1= Yes -77= Don't know -88= Refuse to answer
<b>Mental health - Diagnosis</b> <b>MODIFIED IN W2</b>	<i>ONLY DISPLAYED RESPONSES SELECTED IN MENTAL.SELF. NOTE: MENTAL.SELF 5 &amp; 6 (PSYCHOSIS AND SCHIZOPHRENIA) = MENTAL.DIAGNOSIS 5 (PSYCHOTIC DISORDER); MENTAL.SELF 7 (DRUG OR ALCOHOL USE) = MENTAL.DIAGNOSIS 6 (SUBSTANCE USE DISORDER).</i>  <b>Have you ever been diagnosed with any of the following?</b>  <b>SELECT ALL THAT APPLY.</b>	

	UNIVERSE: MENTAL.SELF=1-8	
<b>MENTAL_DIAGNOSISr1</b>	<b>Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder)</b>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSISr2</b>	<b>Depression (including dysthymia)</b>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSISr3</b>	<b>Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss)</b>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSISr4</b>	<b>Bipolar disorder or mania</b>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSISr5</b>	<b>Psychotic disorder (including schizophrenia)</b>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSISr6</b>	<b>Substance use disorder</b>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSISr7</b>	<b>Other (please specify):_____</b>  <i>*Note: no open-ended variable ("please specify") was provided by Nielsen.</i>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSISr8</b>	<b>I have never received a mental health diagnosis</b>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSISr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked

<b>MENTAL_DIAGNOSISr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>MENTAL_DIAGNOSIS_BINARY_DV</b> <i>Binary variable derived from MENTAL_DIAGNOSIS series. Respondent assigned a '1' if they selected at least one diagnosis.</i>	<b>Have you ever been diagnosed with any of the following?</b> UNIVERSE: MENTAL.SELF=1-8 <i>Note that those who did not select a condition in the original MENTAL_SELF series did not see this question and were assigned a -99.</i>	0= No 1= Yes -77= Don't know -88= Refuse to answer -99= No mental health condition selected in MENTAL_SELF
<b>Mental health - Past 12 months</b> <b>MODIFIED IN W2</b>	<i>DISPLAYED RESPONSE(S) SELECTED IN MENTAL_SELF</i>  <b>Have you experienced this/these mental health problem(s) in the past 12 months?</b> <b>SELECT ALL THAT APPLY.</b> <b>[RESPONSES FROM MENTAL_SELF]</b>  UNIVERSE: MENTAL.SELF=1-8	
<b>MENTAL_12MONr1</b>	<b>Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder)</b>	0= Unchecked 1= Checked
<b>MENTAL_12MONr2</b>	<b>Depression (including dysthymia)</b>	0= Unchecked 1= Checked

MENTAL_12MONr3	<b>Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss)</b>	0= Unchecked 1= Checked
MENTAL_12MONr4	<b>Bipolar disorder or mania</b>	0= Unchecked 1= Checked
MENTAL_12MONr5	<b>Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear)</b>	0= Unchecked 1= Checked
MENTAL_12MONr6	<b>Schizophrenia</b>	0= Unchecked 1= Checked
MENTAL_12MONr7	<b>Drug or alcohol use</b>	0= Unchecked 1= Checked
MENTAL_12MONr8	<b>Other significant emotional or mental health problem (please specify):</b> <i>[displayed text entered in MENTAL.SELF]</i>	0= Unchecked 1= Checked
MENTAL_12MONr77	<b>Don't know</b>	0= Unchecked 1= Checked
MENTAL_12MONr88	<b>Refuse to answer</b>	0= Unchecked 1= Checked
MENTAL_12MONr99	<b>No - I have not experienced this/these mental health problem(s) in the past 12 months.</b>  <b><i>Note: This response option was added late afternoon on Aug 29 (2 days after launch).</i></b>	0= Unchecked 1= Checked

	<i>Responses from Aug 27 to afternoon of Aug 29 should be analyzed with caution. Territories sample had this option from the outset.</i>	
<b>PREGANCY</b>	<b>Are you currently pregnant?</b>  UNIVERSE: SEX.BIRTH =1 (FEMALE)	1= Yes 2= No 77= Don't know 88= Refuse to answer
<b>CHILDREN_ANYr1</b>	<b>How many children do you have (including step, foster, or adopted children)?</b> <b>[drop-down list]</b>  UNIVERSE: ALL	1= 0 2= 1 3= 2 4= 3 5= 4 6= 5 7= 6 8= 7 9= 8 10= 9 11= 10 12= More than 10 77= Don't know 88= Refuse to answer

<p><b>Living situation</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>What is your current living situation? I live with...</b></p> <p><b>SELECT ALL THAT APPLY.</b></p> <p>UNIVERSE: ALL</p> <p><i>Note: if using this variable, please "Other" responses (HOUSEHOLDr8oe) must first be recoded.</i></p>	
<p><b>HOUSEHOLDr1</b></p>	<p><b>My parent(s)/guardian(s)</b></p>	<p>0= Unchecked 1= Checked</p>
<p><b>HOUSEHOLDr2</b></p>	<p><b>Roommate(s)</b></p>	<p>0= Unchecked 1= Checked</p>
<p><b>HOUSEHOLDr3</b></p>	<p><b>My partner / spouse</b></p>	<p>0= Unchecked 1= Checked</p>
<p><b>HOUSEHOLDr4</b></p>	<p><b>Children - 17 years and under</b></p>	<p>0= Unchecked 1= Checked</p>
<p><b>HOUSEHOLDr5</b></p>	<p><b>Children - 18 years or older</b></p>	<p>0= Unchecked 1= Checked</p>
<p><b>HOUSEHOLDr6</b></p>	<p><b>I live in a residence at school, university or college</b></p>	<p>0= Unchecked 1= Checked</p>
<p><b>HOUSEHOLDr7</b></p>	<p><b>I live alone</b></p>	<p>0= Unchecked 1= Checked</p>

<b>HOUSEHOLDr8</b>	<b>Other (please specify):_____</b>	0= Unchecked 1= Checked
<b>HOUSEHOLDr8oe</b>	<b>Other text</b>	[open-ended]
<b>HOUSEHOLDr77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>HOUSEHOLDr88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked
<b>SES</b>	<b>What was your <u>total personal income</u> (before taxes) over the past 12 months?</b>  UNIVERSE: ALL	1= Less than \$20,000 2= \$20,000 to less than \$30,000 3= \$30,000 to less than \$40,000 4= \$40,000 to less than \$50,000 5= \$50,000 to less than \$60,000 6= \$60,000 to less than \$70,000 7= \$70,000 to less than \$80,000 8= \$80,000 to less than \$90,000 9= \$90,000 to less than \$100,000 10= More than \$100,000 77= Don't know 88= Refuse to answer



<p><b>INCOME_ADEQ</b></p> <p><b>MODIFIED IN W2</b></p>	<p><b>Thinking about your family's income, how difficult or easy is it to make ends meet?</b></p> <p>UNIVERSE: ALL</p>	<p>1= Very difficult</p> <p>2= Difficult</p> <p>3= Neither easy nor difficult</p> <p>4= Easy</p> <p>5= Very easy</p> <p>77= Don't know</p> <p>88= Refuse to answer</p>
<p><b>Home location - Postal or zip Code</b></p>	<p><i>REQUIRED THE CORRECT FORMATS FOR ZIP/POSTAL CODES; IN CANADA: LETTER, NUMBER, LETTER (6 DIGITS). IN USA: NUMBERS ONLY (5 or 5+4 DIGITS).</i></p> <p><b>We would like to ask for your [CAN=postal code / US=zip code].</b></p> <p><b>We will only use this information to determine how close you live to marijuana stores and the characteristics of your neighborhood.</b></p> <p><b>Once we calculate this information, we will <u>permanently delete your [Canada=postal code/US=zip code] from all of our files.</u></b></p>	

	<p><b>Your information will not be shared with any other group and it will always be kept strictly confidential. This is not-for-profit research and we won't share your data with any company or advertiser.</b></p> <p><b>Please provide the [CAN=postal code / US=zip code] where you live for most of the year.</b></p> <p>UNIVERSE: ALL</p>	
<b>POSTAL_CODE</b>	<b>Did the respondent provide a postal code (Canada) or zip code (USA)?</b>	<p>1= Postal code</p> <p>2= Zip code</p> <p>77 = Don't know</p> <p>88= Refuse to answer</p>
<b>POSTAL_CODer1oe</b>	<p><b>Postal code (Canada)</b></p> <p>NOTE: If conducting geographic analyses, use variable POSTAL_CODE_CHECK_DV. It may be appropriate to exclude respondents whose province &amp; postal code do not match.</p>	[string]
<b>POSTAL_CODer2oe</b>	<b>Zip code (USA)</b>	[numeric]

	NOTE: If conducting geographic analyses, use variable ZIP_CODE_CHECK_DV. It may be appropriate to exclude respondents whose state & zip code do not match.	
<b>POSTAL_CODE_3DIGIT_DV</b>	<b>First 3 digits of postal code.</b>  NOTE: If conducting geographic analyses, use variable POSTAL_CODE_CHECK_DV. It may be appropriate to exclude respondents whose province & postal code do not match.	[string]
<b>ZIP_CODE_3DIGIT_DV</b>	<b>First 3 digits of zip code.</b>  NOTE: If conducting geographic analyses, use variable ZIP_CODE_CHECK_DV. It may be appropriate to exclude respondents whose state & zip code do not match.	[numeric]
<b>POSTAL_CODE_CHECK_DV</b>	<b>Indicates whether postal code entered matches province selected.</b>  NOTE: If conducting geographic analyses, use this variable. It may be appropriate to exclude respondents whose province & postal code do not match.	1= 'Incongruent postal code and province'
<b>ZIP_CODE_CHECK_DV</b>	<b>Indicates whether zip code entered matches state selected.</b>  NOTE: If conducting geographic analyses, use this variable. It may be appropriate	1= 'Incongruent zip code and state'  -999 = Army/military/other US territory

	to exclude respondents whose state & zip code do not match.	
<b>Home location - Intersection</b>	<p><b>We understand your decision. Instead of providing your [CAN=postal code / US=zip code], would you feel comfortable telling us the nearest intersection to your home?</b></p> <p><b>Please name the 2 cross-streets of this intersection.</b></p> <p>UNIVERSE: POSTAL.CODE= -77 OR -88</p>	
<b>INTERSECTIONr1</b>	<b>First street name</b>	[open-ended]
<b>INTERSECTIONr2</b>	<b>Second street name</b>	[open-ended]
<b>noanswerINTERSECTION_r77</b>	<b>Don't know</b>	0= Unchecked 1= Checked
<b>noanswerINTERSECTION_r88</b>	<b>Refuse to answer</b>	0= Unchecked 1= Checked

<b>SEX_GENDER</b> <b>MODIFIED IN W2</b>	<b>How would you describe your gender identity today? (Select one).</b>  UNIVERSE: ALL	1= Female 2= Male 3= Transgender 4= Do not identify as female, male, or transgender 5= Other (please specify) 77= Don't know 88= Refuse to answer
<b>SEX_GENDERR5oe</b>	<b>Other text</b>	[open-ended]
<b>SEX_GENDER_RECODED_DV</b> <b>MODIFIED IN W2</b>	<b>Gender – Recoded. How would you describe your gender identity today?</b> <i>Note: Please use this version.</i>	1= Female 2= Male 3= Other 4= Unstated
<b>SEXUALITY</b>	<b>Do you identify as:</b>  UNIVERSE: ALL	1= Heterosexual or straight 2= Homosexual or gay or lesbian 3= Bisexual (attracted to men and women) 4= Other (please specify) 77= Don't know 88= Refuse

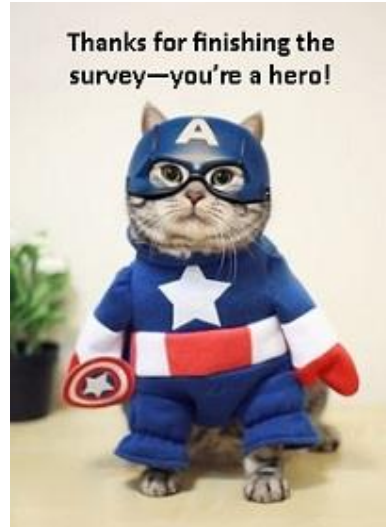
SEXUALITYr4oe	Other text	[open-ended]
SEXUALITY_RECODED_DV	<p><b>Sexuality - Recoded. Do you identify as...</b></p> <p><i>Use this version.</i></p>	<p>1= Heterosexual or straight</p> <p>2= Homosexual or gay or lesbian</p> <p>3= Other</p> <p>4= Unstated</p>
HONESTY	<p><b>One last question:</b></p> <p><b>Were you able to provide 'honest' answers about your marijuana use during the survey?</b></p> <p>UNIVERSE: ALL</p>	<p>1= No</p> <p>2= For some questions, but not all</p> <p>3= Yes, for all questions</p>

## END SCREEN/FEEDBACK

END

**Thank you!**

Thanks for finishing the survey—you're a hero!



**This study has been reviewed and received ethics clearance through a University of Waterloo Research Ethics Committee (ORE #22392). If you have questions for the Committee contact the Office of Research Ethics, at 1-519-888-4567 ext. 36005 or ore-ceo@uwaterloo.ca.**

	<p><i>[ALTERNATE WORDING FOR YUKON/NWT RESPONDENTS:</i></p> <p><b>As a reminder, you will be sent a \$15 INTERAC e-transfer through TD Canada Trust bank approximately 2 days after participating in this survey.]</b></p> <p><b>For all other questions or if you have general comments or questions related to this study, or if you would be interested in receiving a copy of the results, please contact the principal investigator, Professor David Hammond, School of Public Health and Health Systems, at <a href="mailto:david.hammond@uwaterloo.ca">david.hammond@uwaterloo.ca</a>.</b></p>	
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