**Canadian Cannabis Survey (2024)**

**Public Use Microdata Files (PUMF) User Guide**

**Health Canada (2025)**

1. **Conditions of Data Use**

As per the [Open Government License – Canada](https://open.canada.ca/en/open-government-licence-canada), users must include the following acknowledgement and citation in any publications resulting from use of these data.

* 1. **Acknowledgement**

Data used for this research were taken from Health Canada’s 2024 Canadian Cannabis Survey (CCS). Health Canada has neither reviewed, approved, nor endorsed this research. Any views expressed or conclusions drawn herein do not necessarily represent those of Health Canada.

* 1. **Suggested Citation**

Health Canada. (2025). *Canadian Cannabis Survey (CCS) 2024 Public Use Microdata File* [Data set]. Government of Canada. DOI.

1. **About the survey**

**1.1 Background**

The Cannabis Act came into force on October 17, 2018 and provides legal access to cannabis and controls and regulates its production, distribution and sale. To evaluate the impact of the Cannabis Act, Health Canada collects data to better understand how people in Canada view and use cannabis. These data also support development of policy and program initiatives, including public education and awareness activities.

Health Canada developed and implemented the Canadian Cannabis Survey (CCS), in anticipation of legalization, to obtain detailed information about the habits of people who use cannabis and behaviours relative to cannabis use over time.

Achieving the research objectives will support Health Canada’s ability to assess the health risks or harms of cannabis among individuals who use cannabis and/or the community (dependence, harms and risk factors among at-risk populations). The results will be used to support policy development/adjustment, public education and awareness activities and to evaluate the impacts of cannabis legalization and regulation in the post-legalization period.

The CCS was piloted in 2017 and has been conducted annually until 2024. It examines aspects of patterns of use, such as the quantities of cannabis consumed and the use of cannabis for medical purposes; the cannabis market, such as sources of cannabis and pricing; and issues of public safety, such as impaired driving. While core content remains consistent to allow for comparisons, survey content is reviewed annually and modified to address any identified gaps in the data.

**1.2 Survey design and data collection**

The CCS is administered by the survey firm Advanis. A two-step recruitment process was used wherein respondents were first recruited by telephone (both landline and mobile) using a short battery of screener questions approved by Health Canada, consistent with previous cycles. Respondents who completed the screener questions and qualified for the survey were then sent a link to the online survey, either by email or SMS, depending on their preference. Respondents were recruited from lists of random telephone numbers (RDD) that Advanis verified and were in service. The distribution of phone numbers was approximately 94% mobile phones and 6% landline numbers.

The rationale for using a higher volume of cell phone than landline numbers came from the requirement of oversampling youth aged 16 to 24 years old. From previous experience, we know that this group is very hard to reach by conventional landline for three major reasons; first, they use their parents’ landline and we have difficulty reaching them; second, if they have left their parents’ house, they are more likely use a cell phone rather than a landline; and third, a large proportion of Canada has become cord-cutters who no longer have a landline phone.

In total, Advanis called 458,222 phone numbers, and 33,282 people agreed to participate in the survey. Of these calls, 14 percent were conducted in French, and 86 percent were conducted in English. The response rate achieved in 2024 was 9.4%.

During the computer assisted telephone interviews (CATI) recruit, Advanis requested permission to send the survey link to respondents’ mobile phones via a Short Message Service (SMS). The advantage of SMS survey invitations are that, unlike email invitations, they avoid issues with incorrect email addresses and spam filtering. If the recruited respondent did not have a smartphone, or preferred email, survey links were sent via email. Of the respondents who completed the CATI screener, 98 percent were recruited via SMS, and 2 percent were recruited by email. Of those recruited to the online survey by SMS, 36.0% completed the online survey. Among those sent an email invitation, the completion rate of the online survey was 49.4%.

To increase the response rate, inbound calling was allowed and directed to interviewers trained on the survey. If the potential respondent called from the phone that was initially dialed by someone in the call centre, the calling record was automatically displayed to an interviewer. In 2024, there were over 26,000 inbound calls, and just over 2,400 respondents were recruited on an inbound call.

Invite reminders were sent 3 days and 6 days after the initial invitation. A third SMS/email reminder was sent to those flagged as being under 25 years of age an additional 3 days later, in an attempt to boost response rates. Once SMS/email reminders had been sent, towards the end of field, an additional “final” reminder was sent noting to respondents that it would be their last reminder to complete the survey.

The target audience for this project was Canadians who are 16 years and older. This survey included both those who had used cannabis and those who had not. A "person that uses cannabis" is someone who has used cannabis in the last 12 months for non-medical or medical purposes. The expected incidence of cannabis use in the past 12 months in the general population is 21%, according to Health Canada data.

Key sub-population variables that required quotas were:

* Age (16-19, 20-24 and 25 years and older);
* Region; and
* Sex at birth.

The sample consisted of a core sample of 12,000 Canadians aged 16 and older (those who use cannabis and those who do not). Advanis gathered 12,031 responses (9,742 in English and 2,289 in French) to reach the quotas.

The average survey length for those who used cannabis in the past 12 months was 26 minutes, and it was 14 minutes on average for those who did not use cannabis in the past 12 months. Notably, during an online survey, the time elapsed doesn’t necessarily align perfectly with survey duration since respondents may not always complete the survey all at once. As for the duration of the recruitment interviews, the average length was just under 2 minutes.

**1.3 Quality control and sample size**

A pretest was conducted on April 4th, 2024 in both English and French. During this pretest, we recruited 239 people by phone, 112 in English and 127 in French. This translated into 72 completed online surveys, 35 in English and 37 in French. Data validation was completed on April 5th. This validation included respondents who had used cannabis in the past 12 months, as well as those who had not, to ensure that all questions were tested.

The survey was also pretested by Advanis employees and representatives at Health Canada to ensure skip patterns and survey questions were correctly programmed. Data collection occurred from April 4th to July 2nd, 2024.

Advanis developed rules to check the validity of the data, including:

* Time taken to complete the survey (those who completed the survey in less than 3.5 minutes are removed);
* Data consistency check (respondents who answered multiple questions in inconsistent ways are removed);
* Rigorous checks are completed to ensure the data is accurate and error-free according to the questionnaire logic (skip patterns); and
* Respondents were asked the current month when completing the survey and those who did not answer or answered incorrectly were removed from the dataset (n=364). Note: responses were coded as ‘correct’ if respondent completed the survey within 2 days of the beginning or end of a month (e.g. selected May but completed survey on June 1st).

The final dataset represents responses from 11,666 respondents across all provinces and territories.

**1.4 Survey weights**

The weighting of the final dataset (n=11,666) was developed to adjust for sample variations across region (10 provinces and 3 territories); age group (16-19, 20-24, 25-29, 30-34, 40-44, 45-49, 50-54, 55-59, 60-65, 65+), and sex at birth (male or female). In 2024, the sex at birth question was required for all respondents so that all cases could be included in the analysis.

The population sizes are based on the latest Statistics Canada census results published in the 2021 Census. The CCS was designed to obtain a sufficient number of respondents from key sub-populations. To ensure statistical relevance of results and representativeness, minimum sample sizes were determined and met for these sub-populations. Of the responses received, approximately 3,052 were from people who indicated that they had consumed cannabis in the past 12 months for either non-medical or medical purposes. Table 1 summarizes the sample size represented by the survey.

For further detail on CCS methodology, including weights and calculation of design effect, please see the CCS 2024 methodological report, available at: <https://epe.bac-lac.gc.ca/100/200/301/pwgsc-tpsgc/por-ef/health/2024/128-23-e/index.html>

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table 1: Description of the sample size represented, by age group, sex and province/territories, Canada, 2024** | | | | | | |
|  | Females | Males | 16-19 years | 20-24 years | 25+ years | Total |
| Canada | 5,847 | 5,819 | 774 | 1,240 | 9,652 | 11,666 |
| Newfoundland and Labrador | 220 | 192 | 15 | 32 | 365 | 412 |
| Prince Edward Island | 212 | 184 | 22 | 22 | 352 | 396 |
| Nova Scotia | 270 | 244 | 29 | 42 | 443 | 514 |
| New Brunswick | 252 | 240 | 21 | 35 | 436 | 492 |
| Quebec | 1,261 | 1,206 | 184 | 327 | 1,956 | 2,467 |
| Ontario | 1,471 | 1,560 | 231 | 373 | 2,427 | 3,031 |
| Manitoba | 251 | 258 | 35 | 65 | 409 | 509 |
| Saskatchewan | 289 | 277 | 41 | 64 | 461 | 566 |
| Alberta | 639 | 697 | 114 | 138 | 1,084 | 1,336 |
| British Columbia | 813 | 813 | 76 | 127 | 1,423 | 1,626 |
| Territories1 | 169 | 148 | 6 | 15 | 296 | 317 |
| 1 Territories include Yukon, Northwest Territories, and Nunavut. | | | | | | |

**2.0 Data cleaning and guidelines for analysis**

**2.1 Data cleaning and coding**

After the data collection was completed, data cleaning was performed to ensure high quality results. As per previous CCS cycles, questions were made voluntary instead of adding an opt-out option. This was to allow respondents to advance past any questions they did not wish to answer (with the exception of age and sex at birth, and province/territory which were required to create survey weights). During data cleaning, respondents who were not shown a question due to automatic skip logic or who refused to provide an answer were recoded to “Missing”.

Similar to 2023, in 2024 the survey was offered in both a mobile friendly platform and a Web Content Accessibility Guidelines (WCAG) 2.0 compliant platform online. Less than 1% of respondents completed the survey using the WCAG platform.

For questions on cannabis consumption and quantities purchased, detailed scales were provided. Once data collection was completed, these scales were transformed into metric questions for ease of analysis and calculation of means, medians, etc.

A review of open-ended responses was also performed. Any “other” responses were recoded into existing categories when appropriate. A new “other” code was derived whenever a specific response to “other” surpassed 10 responses.

**2.2 Guidelines for analysis and use of weights**

During data analysis, it is important to align the analysis plan with the weighting scheme. The weights adjust the data to better reflect the population based on parameters that have been chosen to maximize the level of detail without creating distortions due to extreme weights (an extreme weight will occur when a population group is represented by a proportionally smaller subset of respondents compared to other population groups, thus introducing an important risk of bias due to their specific profile).

For this survey, the basic sociodemographic information that should be used in the analysis of results are:

* Provinces and territories
* Age group (16 to 19, 20 to 24, 25 to 34, 35 to 44, 45 to 54 and 55+) or any unaltered grouping of these ranges (i.e., 16 to 24 or 35 to 54)
* Sex at birth: male or female

Using age groupings other than the ones described above for these sociodemographic categories could potentially produce distorted data. As these results would be inaccurate based on how the weights were calculated**, *we strongly advise not to report any results that do not align with these specified categories.***

In the PUMF, the variable to be used to weight the data is called “sample\_weight”. In this case, it was decided to project to the total population, around 31 million Canadian residents that are 16 years old or older (per the 2021 Statistics Canada Census). ***Data users should make use of the survey weights as well as survey commands/functions when analyzing the data.*** For example, STATA users should apply a svyset to the dataset and use ‘svy’ commands (e.g., svy: prop or svy: logistic); SAS users should use ‘survey’ commands (e.g., proc surveyfreq or proc surveylogistic); R users should use functions from the ‘survey’ package (e.g. survey\_mean or survey\_median)

**2.3 Rounding Guide**

Rounding is a technique that helps protect privacy (i.e., disclosure avoidance) and prevents estimates from seeming more exact than they really are (i.e., minimizes perceptions of exaggerated precision). Users are encouraged to adhere to the following guidelines for rounding estimates:

1. Estimates in the main body of a statistical table are to be rounded to the nearest hundred units using the normal rounding technique. In normal rounding, if the first or only digit to be dropped is 0 to 4, the last digit to be retained is not changed. If the first or only digit to be dropped is 5 to 9, the last digit to be retained is raised by 1. For example, in normal rounding to the nearest 100, if the last two digits are between 00 and 49, they are changed to 00 and the preceding digit (the hundreds digit) is left unchanged. If the last digits are between 50 and 99, they are changed to 00 and the preceding digit is incremented by 1.

2. Marginal sub-totals and totals in statistical tables are to be derived from their corresponding unrounded components and then are to be rounded themselves to the nearest 100 units using normal rounding.

3. Averages, proportions, rates and percentages are to be computed from un-rounded components (i.e., numerators and denominators) and then are to be rounded to one decimal using normal rounding.

4. Sums and differences of aggregates (or ratios) are to be derived from their corresponding unrounded components and then are to be rounded themselves to the nearest 100 units (or the nearest one decimal) using normal rounding. Note that under no circumstances are unrounded estimates to be published or otherwise released by users. Unrounded estimates imply greater precision than actually exists.

**2.4 Release guidelines**

Before releasing or publishing any estimate from the CCS PUMF 2024 users should determine its quality level. Quality is affected by the number of observations used to create the estimate and the sampling error, as reflected by the coefficient of variation (CV). The CV is a relative measure of the standard error as a proportion of the estimate.

Users should first ensure that there are enough observations (using the unweighted counts) to produce a reliable estimate. It is recommended to have at least 10 observations with the characteristic of interest and, if a proportion is being calculated, at least 50 in the domain (i.e., denominator). Otherwise, the estimate should be considered to be of unacceptable quality and should not be released.

Next, given enough observations, users should calculate the CV of the estimate to assess its reliability.

Estimates should then be vetted and assigned a quality level using the guidelines in Table 3.

**Table 3: Quality level guidelines for weighted estimates**

|  |  |  |
| --- | --- | --- |
| **Quality level** | **Guidelines** | **Action** |
| **Acceptable** | n ≥ 10 and d ≥ 50 (if applicable) and CV ≤ 16.6% | The estimate is stable and no warning is needed |
| **Marginal** | n ≥ 10  and d ≥ 50 (if applicable)  and 16.6% < CV ≤ 33.3% | Th estimate has moderate sampling variability and should be interpreted with caution. Users should flag these estimates with the letter M (or some similar identifier), accompanied with a warning (e.g., “moderate sampling variability, interpret with caution”). |
| **Unacceptable** | n < 10  or d < 50 (if applicable)  or CV > 33.3% | The estimate is unstable and should be suppressed. Users should not release these estimates. Instead, users should replace them with the letter U (or some similar identifier), accompanied by the following warning: "This estimate is unreportable due to small sample size or high sampling variability.” |
| *Notes.* n=unweighted number of observations of interest (i.e., numerator); d=unweighted number of observations in the domain (i.e., denominator); CV=coefficient of variation, calculated as (standard error / coefficient) x 100 where the coefficient is either the regression coefficient or the proportion estimate. | | |

**2.5** **Considerations for reporting prevalence of cannabis use**

When recruited, respondents were informed that the survey was about cannabis. This information may have created a participation bias in that those who consume cannabis may have been more likely to complete the survey. For this and other methodological reasons, the CCS may provide prevalence estimates for cannabis use that are higher than other population-level surveys in Canada.

Starting in 2023, the phrases ‘for non-medical purposes’ and ‘for medical purposes’ were removed from several survey questions; people who had consumed cannabis for any purpose in the past 12 months were asked the same questions. This served to significantly shorten the survey while still allowing responses to be disaggregated by cannabis use. CCS PUMF users are cautioned to be aware of this change when comparing results from the 2023 or 2024 surveys to previous cycles of the CCS.

**3.0 Codebook**

For all survey items below, -7 (“missing”) refers to two types of missing data: either the respondent was not shown the question due to automatic skip logic (“valid skip”), or the respondent chose not to respond by skipping the question (“unstated”).

|  |  |  |
| --- | --- | --- |
| **Variable name** | **Description** |  |
| **seq\_ID** | Unique identifier |  |
| **wave** | Survey wave (i.e., survey year)   |  |  | | --- | --- | | ❍ 7 | 2024 | |  |
| **sample\_weight** | Sample weight based on age, sex and province |  |
| **age6** | Age groups for weighting (6 groups)  ❍ 1 16-19  ❍ 2 20-24  ❍ 3 25-34  ❍ 4 35-44  ❍ 5 45-54  ❍ 6 55 and older |  |
| **sex** | Sex of respondent at birth – used for weighting   |  |  | | --- | --- | | ❍ 1 | Male | | ❍ 2 | Female | |  |
| **sexuality\_recode** | How would you describe your sexual orientation? (recode of **sex**)  ❍ 1 Heterosexual  ❍ 2 Other |  |
| **community\_size** | Which of the following best describes the size of your community? (recode of **community**)  ❍ 1 Rural area or small population centre (<29,999 people)  ❍ 2 Medium or large population centre (≥30,000 people)  ❑ -7 Missing  ❑ -8 Prefer not to say |  |
| **prov** | Province used for weighting   |  |  | | --- | --- | | ❍ 1 | Alberta (AB) | | ❍ 2 | British Columbia (BC) | | ❍ 3 | Manitoba (MB) | | ❍ 4 | New Brunswick (NB) | | ❍ 5 | Newfoundland and Labrador (NL) | | ❍ 6 | Nova Scotia (NS) | | ❍ 7 | Ontario (ON) | | ❍ 8 | Prince Edward Island (PE) | | ❍ 9 | Quebec (QC) | | ❍ 10 | Saskatchewan | | ❍ 11 | Territories (NT, NU, YT) | |  |
| **race\_white** | We know that people of different races do not have significantly different genetics. But our race still has important consequences, including how we are treated by different individuals and institutions. Which race category best describes you? (recode of **ethnicity)**  ❍ 1 White only  ❍ 0 Other ethnicity  ❑ -8 Prefer not to say |  |
| **health\_physical**  *[variable added in 2019]* | In general, how is your **physical health**?   |  |  | | --- | --- | | ❍ 1 | Excellent | | ❍ 2 | Very good | | ❍ 3 | Good | | ❍ 4 | Fair | | ❍ 5 | Poor | | ❑ -8 | Prefer not to say | |  |
| **health\_mental**  *[variable added in 2019]* | In general, how is your **mental health**?   |  |  | | --- | --- | | ❍ 1 | Excellent | | ❍ 2 | Very good | | ❍ 3 | Good | | ❍ 4 | Fair | | ❍ 5 | Poor | | ❑ -8 | Prefer not to say | |  |
| **education3** | What is the **highest** certificate, diploma or degree that you have completed?  ❍ 1 High school or less  ❍ 2 Trades/college or non-university diploma  ❍ 3 Bachelor’s degree or equivalent, and higher  ❑ -8 Prefer not to say |  |
| **income\_recode** | What is your best estimate of your total **household income** received by all household members, from all sources, before taxes and deductions, during the year ending December 31, 2021?  ❍ 1 Less than $50K  ❍ 2 $50K to < $100K  ❍ 3 $100K to <$150K  ❍ 4 ≥$150K  ❑ -8 Prefer not to say |  |
| **accept\_alc2**  **accept\_tob2**  **accept\_ecig2**  **accept\_cansmoke2**  **accept\_canliqvape2**  **accept\_candryvape2**  **accept\_caneat2**  *[accept\_canliqvape2 and accept\_candryvape2 added in 2023 to replace* **accept\_canvape2***]* | How socially acceptable do you think it is for a person to use the following substances **regularly**?   |  |  | | --- | --- | | 1. | Drink alcohol \* | | 2. | Smoke tobacco (cigarette/cigar/smokeless tobacco) \* | | 3. | Use an e-cigarette with nicotine \* | | 4. | Smoke cannabis \* | | 5. | Vape liquid or solid cannabis extracts \* | | 6. | Vape dried cannabis \* | | 7. | Eat/drink cannabis \* |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 1 | Completely acceptable | | ❍ 2 | Somewhat acceptable | | ❍ 3 | Somewhat unacceptable | | ❍ 4 | Completely unacceptable | | ❍ 5 | No opinion | | ❑ -7 | Missing | |  |
| **risk\_alc2**  **risk\_tob2**  **risk\_ecig2**  **risk\_cansmoke2**  **risk\_canliqvape2**  **risk\_candryvape2**  **risk\_caneat2**  *[risk\_canliqvape2 and risk\_candryvape2 added in 2023 to replace* **risk\_canvape2***]* | How much do you think people **risk harming themselves** when they do each of the following activities **regularly**?   |  |  | | --- | --- | | 1. | Drink alcohol \* | | 2. | Smoke tobacco (cigarette/cigar/smokeless tobacco) \* | | 3. | Use an e-cigarette with nicotine \* | | 4. | Smoke cannabis \* | | 5. | Vape liquid or solid cannabis extracts \* | | 6. | Vape dried cannabis \* | | 7. | Eat/drink cannabis \* |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 1 | No risk | | ❍ 2 | Slight risk | | ❍ 3 | Moderate risk | | ❍ 4 | Great risk | | ❍ 5 | I do not know | | ❑ -7 | Missing | |  |
| **access\_ease\_legal**  *[variable added in 2024 to replace* **access\_ease***]* | How easy or difficult is it for you to get legal cannabis?   |  |  | | --- | --- | | ❍ 1 | Very difficult | | ❍ 2 | Fairly difficult | | ❍ 3 | Fairly easy | | ❍ 4 | Very easy | | ❍ 5 | I don’t know | | ❑ -7 | Missing | |  |
| **access\_ease\_illegal**  *[variable added in 2024 to replace* **access\_ease***]* | How easy or difficult is it for you to get illegal cannabis?   |  |  | | --- | --- | | ❍ 1 | Very difficult | | ❍ 2 | Fairly difficult | | ❍ 3 | Fairly easy | | ❍ 4 | Very easy | | ❍ 5 | I don’t know | | ❑ -7 | Missing | |  |
| **warn\_see**  *[variable added in 2019]* | In the **past 12 months**, have you seen **health warning messages** on cannabis products/packages or on Health Canada’s website?  Health warning messages are found on cannabis product packages against a bright yellow background or on the Health Canada website   |  |  | | --- | --- | | ❍ 1 | Yes, on cannabis products/packages | | ❍ 2 | Yes, on Health Canada’s website | | ❍ 3 | Yes, both of the above | | ❍ 4 | No | | ❍ 5 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **warn\_cred**  *[variable added in 2019]* | *Show if Saw health warning messages (warn\_see = 1,2,3)*  Was the information you saw in the **health warning messages** credible/believable?  Health warning messages are found on cannabis product packages against a bright yellow background or on the Health Canada website   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Somewhat | | ❍ 4 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **warn\_know**  *[variable added in 2019]* | *Show if saw health warning messages (warn\_see = 1,2,3)*  Have the **health warning messages** increased your knowledge of the potential harms related to cannabis use?  Health warning messages are found on cannabis product packages against a bright yellow background or on the Health Canada website   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Somewhat | | ❍ 4 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **warn\_recall\_smoke**  **warn\_recall\_preg**  **warn\_recall\_thcmh**  **warn\_recall\_youth**  **warn\_recall\_thc**  **warn\_recall\_edible**  **warn\_recall\_eat**  **warn\_recall\_skin**  **warn\_recall\_dk**  *[variable added in 2024]* | *Show if Saw health warning messages (warn\_see = 1,2,3)*  Which, if any, of the following **health warning messages** do you recall seeing?   |  |  | | --- | --- | | ❑ 1 | The smoke from cannabis is harmful\* | | ❑ 2 | Do not use if pregnant or breastfeeding\* | | ❑ 3 | Frequent and prolonged use of cannabis containing THC can contribute to mental health problems over time\* | | ❑ 4 | Adolescents and young adults are at greater risk of harms from cannabis\* | | ❑ 5 | The higher the THC content of a product, the more likely you are to experience adverse effects and greater levels of impairment\* | | ❑ 6 | It can take up to 4 hours to feel the full effects from eating or drinking cannabis\* | | ❑ 7 | The effects from eating or drinking cannabis can be long-lasting\* | | ❑ 8 | Do not swallow or apply internally or to broken, irritated or itching skin\* | | ❑ 9 | None of the above *(exclusive)* | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **educ\_school\_dv**  **educ\_social\_dv**  **educ\_web\_dv**  **educ\_event\_dv**  **educ\_kiosk\_dv**  **educ\_leg\_store\_dv**  **educ\_poster\_dv**  **educ\_health\_dv**  **educ\_print\_dv**  **educ\_tv\_dv**  **educ\_ill\_store\_dv**  **educ\_org\_dv**  **educ\_work\_dv**  **educ\_other\_dv**  **educ\_none\_dv**  *[variable added in 2019]* | In the **past 12 months**, have you seen/heard **education campaigns, public health or safety messages** about cannabis in any of the following places?  *Select all that apply.*  These campaigns and messages describe the risks of using cannabis and/or safer ways to use cannabis   |  |  | | --- | --- | | ❑ 1 | School (e.g., university campus) \* | | ❑ 2 | Social media (e.g., TikTok, Instagram, Facebook,Twitter, Snapchat, YouTube) \* | | ❑ 3 | Non-social media websites \* | | ❑ 4 | Events (e.g., sporting events, concerts, festivals or markets) \* | | ❑ 5 | Kiosks or temporary sales locations (in shopping centers or on the street) \* | | ❑ 6 | Inside/outside legal stores that sell cannabis \* | | ❑ 7 | Public display of posters or billboards (e.g., in public transit, at bars/restaurants, band council offices) \* | | ❑ 8 | Health care setting (e.g., pharmacy, doctors' office) \* | | ❑ 9 | Print newspapers or magazines \* | | ❑ 10 | TV/radio \* (incl. Other – podcasts) | | ❑ 11 | Inside/outside illegal stores that sell cannabis \* | | ❑ 12 | Community-based/not for profit organizations \* | | ❑ 13 | Workplace \* | | ❑ 14 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 15 | I have not noticed any education campaigns or public health messages *(Exclusive)* |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **educ\_cred**  *[variable added in 2020]* | *Show if saw education campaigns (selected any response to educ\_ series except educ\_none\_dv)*  Was the information you saw in the **education campaigns, public health or safety messages\*?\*** credible/believable?  \*?\* These campaigns and messages describe the risks of using cannabis and/or safer ways to use cannabis   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Somewhat | | ❍ 4 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **ad\_mail\_dv**  **ad\_web\_dv**  **ad\_email\_dv**  **ad\_bar\_dv**  **ad\_instore\_dv**  **ad\_outstore\_dv**  **ad\_pharm\_dv**  **ad\_event\_dv**  **ad\_kiosk\_dv**  **ad\_tv\_dv**  **ad\_poster\_dv**  **ad\_print\_dv**  **ad\_movies\_dv**  **ad\_taxi\_dv**  **ad\_flyer\_dv**  **ad\_media\_dv**  **ad\_other\_dv**  **ad\_none\_dv**  *[variable added in 2022]* | In the **past 12 months**, have you noticed cannabis being **advertised or promoted** in any of the following places?  An advertisement is a promotion of a product, brand or service that attempts to attract interest, engagement, or sales.  *Select all that apply.*   |  |  |  | | --- | --- | --- | |  | ❑ 1 | Regular postal mail | |  | ❑ 2 | Websites (incl. Other – apps) | |  | ❑ 3 | Emails or text messages | |  | ❑ 4 | Bars, pubs, or nightclubs | |  | ❑ 5 | Inside stores that sell cannabis | |  | ❑ 6 | Outside stores that sell cannabis (incl. Other- sign for a cannabis store) | |  | ❑ 7 | Pharmacies | |  | ❑ 8 | Events (e.g., sporting events, concerts, festivals or markets) | |  | ❑ 9 | Kiosks or temporary sales locations (in shopping centers or on the street) | |  | ❑ 10 | TV/radio (incl. Other- podcasts) | |  | ❑ 11 | Billboards or posters | |  | ❑ 12 | Print newspapers or magazines | |  | ❑ 13 | At the movies | |  | ❑ 14 | Taxis or buses/public transit | |  | ❑ 15 | Flyers | |  | ❑ 16 | Social media (e.g., TikTok, Instagram, Facebook, Twitter, Snapchat, YouTube) | |  | ❑ 17 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | ❑ 18 | I have not noticed any advertisements or promotions *(Exclusive)* | | ❍ 0 | | Unselected | | ❍ 1 | | Selected | | ❑ -7 | | Missing | |  |
| **adpromo**  **derived variable** | *Code as ‘yes’ if saw an advertisement (selected any response to ad\_ series except ad\_none).*  **Saw a cannabis ad/promotion in at least 1 location in past 12 months.**  ❍ 0 No  ❍ 1 Yes   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **info\_access**  *[variable added in 2019]* | Do you **agree** or **disagree** with the following statement:   I have access to enough trustworthy information about the health risks of cannabis use to make informed decisions.   |  |  | | --- | --- | | ❍ 1 | Strongly agree | | ❍ 2 | Somewhat agree | | ❍ 3 | Neither agree nor disagree | | ❍ 4 | Somewhat disagree | | ❍ 5 | Strongly disagree | | ❑ -7 | Missing | |  |
| **more\_leg\_prod\_dv**  **more\_leg\_source\_dv**  **more\_storage\_dv**  **more\_label\_dv**  **more\_health\_dv**  **more\_harm\_dv**  **more\_ar\_dv**  **more\_consume\_dv**  **more\_poison\_dv**  **more\_child\_dv**  **more\_quantity\_dv**  **more\_medical\_dv**  **more\_other\_dv**  **more\_none\_dv**  **more\_quantity\_dv**  *[variable added in 2023; options more\_poison\_dv, more\_quantity\_dv and more\_medical\_dv added in 2024]* | Do you feel you need more information about any of the following?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | The difference between illegal and legal cannabis **products** | | ❑ 2 | The difference between illegal and legal cannabis **sources** (e.g., stores, websites) | | ❑ 3 | How to safely store cannabis | | ❑ 4 | How to read and understand a legal cannabis product label | | ❑ 5 | Health and safety risks of cannabis use | | ❑ 6 | How to reduce the harms of cannabis use | | ❑ 7 | How to report an adverse reaction or side effect from cannabis | | ❑ 8 | What to do if you/someone/a child over-consumes or accidentally consumes cannabis | | ❑ 9  ❑ 10 | How to help prevent accidental cannabis poisoning in children  How to talk to your children about cannabis use | | ❑ 11  ❑ 12  ❑ 13 | Information on how much cannabis to take  Evidence on therapeutic or medical uses for cannabis  Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 14 | None of the above (incl. Other- no cannabis use/not interested) *(Exclusive)* | | ❑ 15 | Other – Dosage/how much is safe to consume |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **info\_google\_dv**  **info\_social\_dv**  **info\_dr\_dv**  **info\_alt\_dv**  **info\_prof\_dv**  **info\_elder \_dv**  **info\_web\_store\_dv**  **info\_web\_cann\_dv**  **info\_web\_govt\_dv**  **info\_health\_dv**  **info\_staff\_dv**  **info\_friend\_dv**  **info\_tv\_dv**  **info\_mag\_dv**  **info\_journals\_dv**  **info\_job\_dv**  **info\_other\_dv**  **info\_none\_dv**  *[variable added in 2023; response options info\_elder\_dv, info\_journals\_dv, info\_job\_dv added in 2024]* | Where do you get information about cannabis?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Google/general internet search \* | | ❑ 2 | Social media or celebrities \* | | ❑ 3 | Doctor or nurse \* (incl. Other- pharmacist, social worker or mental health professional) | | ❑ 4 | Alternative health professional (e.g., naturopath, homeopath) \* | | ❑ 5 | Teacher/professor \* | | ❑ 6  ❑ 7 | Elder/Knowledge Keeper  Online cannabis store run by province or territory (e.g., OCS, SQDC) \* | | ❑ 8 | Cannabis company website \* | | ❑ 9 | Government website \* | | ❑ 10 | Health association or not-for-profit \* | | ❑ 11 | Sales staff at a cannabis store \* (incl. Other - staff at medical cannabis clinic) | | ❑ 12 | Friend, family or coworkers \* | | ❑ 13 | TV, radio, documentaries \* (incl. Other- podcasts) | | ❑ 14 | Magazines, newspapers or books \* | | ❑ 15 | Academic literature/scientific journals \* | | ❑ 16 | My job/profession\* | | ❑ 17 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 18 | None of the above (incl. Other- no cannabis use/not interested) *(Exclusive)* |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **belief\_smoke**  **belief\_vapour**  **belief\_preg**  **belief\_mental**  **belief\_teen**  **belief\_thc**  **belief\_edible**  **belief\_inhale**  **belief\_habit**  **belief\_othermed**  **belief\_tested**  *[variable added in 2019; belief\_vapour, belief\_othermed and belief\_tested added in 2023]* | Based on what you know or believe…   |  |  | | --- | --- | | 1. | Can cannabis smoke be harmful? | | 2. | Can cannabis vaping be harmful? | | 3. | Is it okay to use cannabis when pregnant or breastfeeding? | | 4. | Does using cannabis daily or near-daily increase the risk of mental health problems? | | 5. | Are teenagers at greater risk of harm from using cannabis than adults? | | 6. | Does consuming cannabis products with lower levels of THC lead to greater impairment? | | 7. | Can it take up to 4 hours to feel the full effects from eating or drinking cannabis? | | 8. | Are the effects of inhaling cannabis longer-lasting than eating/drinking cannabis products? | | 9. | Can using cannabis become habit forming for some people? | | 10. | Can cannabis change the way other medications work in the body? | | 11. | Are legal cannabis products tested for contaminants such as bacteria, moulds and pesticides? |  |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **store\_prov\_dv**  **store\_certificate\_dv**  **store\_id\_dv**  **store\_window\_dv**  **store\_govstamp\_dv**  **store\_open\_dv**  **store\_brand\_dv**  **store\_advertise\_dv**  **store\_dk\_dv**  **store\_other\_dv**  *[variable added in 2024 to replace* **legal\_store\_know***]* | How do you know if a **store** selling cannabis is **legal**?  *Select all that apply*   |  |  |  | | --- | --- | --- | | ❑ 1 | Store is run/licensed by a provincial/territorial government (e.g., SQDC, NSLC Cannabis) \* | | | ❑ 2 | A license/certification is posted \* | | | ❑ 3 | They check ID to confirm customers are of legal age \* | | | ❑ 4 | The exterior windows are tinted or covered \* | | | ❑ 5 | The products they sell have the government warnings and stickers/stamps \* | | | ❑ 6 | Assume they are legal if they have not been shut down \* | | | ❑ 7 | The store is part of a chain or brand I know is legal \* | | | ❑ 8 | The store advertises \* | | | ❑ 9 | I don’t know | | | ❑ 10 | Other, please specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | ❍ 0 | | Unselected | | ❍ 1 | | Selected | | ❑ -7 | | Missing | |  |
| **web\_prov\_dv**  **web\_certificate\_dv**  **web\_id\_dv**  **web\_assumeillegal\_dv**  **web\_govstamp\_dv**  **web\_assumelegal\_dv**  **web\_brand\_dv**  **web\_advertise\_dv**  **web\_payment\_dv**  **web\_dk\_dv**  **web\_other\_dv**  *[variable added in 2024 to replace* **legal\_web\_know***]* | How do you know if a **website** selling cannabis is **legal**?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Website is run by a federal/provincial/territorial government (e.g., SQDC, OCS) \* | | ❑ 2 | A license/certification is shown \* | | ❑ 3 | Entering a birth date is required to check age (e.g., age gate) \* | | ❑ 4 | Assume all websites are illegal \* | | ❑ 5 | The products they sell have the government warnings and stickers/stamps \* | | ❑ 6 | Assume they are legal if they have not been shut down \* | | ❑ 7 | The website is part of a chain or brand I know is legal \* | | ❑ 8 | The website advertises \* | | ❑ 9 | The website accepts common methods of payment for online purchases, such as credit cards\* | | ❑ 10 | I don’t know | | ❑ 11 | Other, please specify: |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **legal\_symb\_dv**  **legal\_alc\_dv**  **legal\_hwm\_dv**  **legal\_colour\_dv**  **legal\_child\_dv**  **legal\_transp\_dv**  **legal\_nicotine\_dv**  **legal\_stamp\_dv**  **legal\_thccbd\_dv**  **legal\_other\_dv**  **legal\_dk\_dv**  **legal\_none\_dv**  *[variable added in 2023]* | Which of the following are included on **legal cannabis packages**?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | A standardized cannabis symbol \* | | ❑ 2 | Labelling of alcohol content \* | | ❑ 3 | Health warning messages \* | | ❑ 4 | Flashy or vibrant packaging \* | | ❑ 5 | Child-resistant packaging \* | | ❑ 6 | Transparent packaging \* | | ❑ 7 | Labelling of nicotine content \* | | ❑ 8 | An excise stamp \* | | ❑ 9 | Labelling of THC and CBD content \* | | ❑ 10 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 11 | I don’t know (Incl. Other – no cannabis use/not interested) *(Exclusive)* | | ❑ 12 | None of the above *(Exclusive)* |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **secondhand\_home**  **secondhand\_work**  **secondhand\_car**  **secondhand\_pub**  *[variable added in 2020]* | In the **past 30 days**, were you exposed to second-hand cannabis smoke or vapour at the following locations?   |  |  | | --- | --- | | 1. | Home/residence | | 2. | Workplace or at school | | 3. | Car or other private vehicle | | 4. | Public places (e.g., shopping malls, streets, etc.) |  |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **homegrow**  *[variable added in 2020]* | In the **past 12 months**, has anyone, including yourself, grown cannabis in your home/residence or on your property?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **homegrow\_med**  *[variable added in 2022]* | *Show if grows cannabis at home (homegrow = 1)*  Does the person growing cannabis in your home/residence or on your property have an authorization from Health Canada to grow cannabis for medical purposes?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **plant\_out**  *[variable added in 2021; revised in 2022 to allow up to 1,000 plants]* | *Show if grows cannabis at home (homegrow = 1)*  In the **past 12 months**, how many plants were grown **outside on your property**?  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than 1,000 plants | |  |
| **plant\_home**  *[variable added in 2021; revised in 2022 to allow up to 1,000 plants]* | *Show if grows cannabis at home (homegrow = 1)*  In the **past 12 months**, how many plants were grown **inside your home**?  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than 1,000 plants | |  |
| **plant\_num**  *[variable added in 2020; revised in 2022 to allow up to 1,000 plants]* | *Show if grows cannabis at home (homegrow = 1)*  How many cannabis plants are currently grown in your home/residence or on your property?  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than 1,000 plants | |  |
| **edible\_home\_me**  **edible\_home\_else**  **edible\_home\_no**  **edible\_home\_dk**  *[variable added in 2020; variable was changed to ‘select all that apply’ format in 2023]* | In the **past 12 months**, has anyone, including yourself, prepared cannabis edibles/drinks in your home/residence?   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Yes, I made them | | ❑ 2 | Yes, someone else made them | | ❑ 3 | No *(Exclusive)* | | ❑ 4 | Don't know/Not sure *(Exclusive)* | | |  | | |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | |  |
| **edible\_where\_grown**  **edible\_where\_buy**  **edible\_where\_dk**  *[variable added in 2023]* | *Show if edibles made at home (edible\_home\_me = 1 OR edible\_home\_else = 1)*  Where did the **cannabis** used to make **homemade cannabis edibles/drinks** come from?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Homegrown cannabis (grown at my house or someone else’s) | | ❑ 2 | Purchased cannabis | | ❑ 3 | Don’t know *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **edible\_amt\_measure**  **edible\_amt\_potency**  **edible\_amt\_exp**  **edible\_amt\_recipe**  **edible\_amt\_label**  **edible\_amt\_na**  **edible\_amt\_dk**  *[added in 2024 to replace* **edible\_amount***]* | *Show if make own edibles (edible\_home\_me = 1)*  When you make your own cannabis edibles or drinks, how do you know how strong they will be? *When we say ‘strong’ we are referring to THC and CBD levels.*   |  |  | | --- | --- | | ❑ 1 | I measure/weigh the cannabis I use | | ❑ 2 | I calculate based on the THC/CBD in the cannabis product I am using | | ❑ 3 | I base it on past experience(s) | | ❑ 4 | I follow a recipe/guide | | ❑ 5 | The product was labeled (e.g., tea bag from a store) | | ❑ 6 | None of the above *(exclusive)* | | ❑ 7 | I don’t know *(exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **accident**  *[variable added in 2022]* | In the **past 12 months**, has anyone (including people and animals) in your household **accidentally consumed cannabis** (e.g., eating/drinking it without knowing it contained cannabis)?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **acc\_me**  **acc\_adult**  **acc\_teen**  **acc\_child**  **acc\_pet**  **acc\_other\_dv**  *[variable added in 2022]* | *Show if accidental consumption (accident = 1)*  Who was it that accidentally consumed cannabis?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Me | | ❑ 2 | An adult | | ❑ 3 | A teenager | | ❑ 4 | A child under 13 years old | | ❑ 5 | A pet | | ❑ 6 | Other, please specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  |  | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **acc2\_nausea**  **acc2\_heart**  **acc2\_faint**  **acc2\_panic**  **acc2\_halluc**  **acc2\_diss**  **acc2\_breath**  **acc2\_aller**  **acc2\_confus**  **acc2\_behav**  **acc2\_chest**  **acc2\_coord**  **acc2\_head**  **acc2\_diarr**  **acc2\_seizure**  **acc2\_drowsy**  **acc2\_muscle**  **acc2\_other**  **acc2\_none**  **acc2\_other\_dv**  *[variable added in 2023]* | *Show if person accidentally consumed (acc\_me, acc\_adult, acc\_teen, or acc\_child = 1)*  You indicated that a person in your household **accidentally consumed cannabis** in the past 12 months. Did this lead to any of the following…?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Nausea and/or vomiting | | ❑ 2 | Heart or blood pressure problems | | ❑ 3 | Feeling faint/passing out/loss of consciousness | | ❑ 4 | Anxiety/panic attack/rapid heartbeat | | ❑ 5 | Hallucinations/psychosis/flashbacks | | ❑ 6 | Dissociation/depersonalization (feeling detached or disconnect from yourself) | | ❑ 7 | Slowed breathing/lung problems | | ❑ 8 | Allergic reaction/hypersensitivity/anaphylaxis/rash | | ❑ 9 | Confusion/disorientation | | ❑ 10 | Unusual behaviour (e.g., agitation, slurred speech) | | ❑ 11 | Chest pain/chest discomfort | | ❑ 12 | Loss of coordination/unsteadiness/vertigo | | ❑ 13 | Headache | | ❑ 14 | Diarrhea | | ❑ 15 | Seizure | | ❑ 16 | Drowsiness/lethargy | | ❑ 17 | Muscle weakness | | ❑ 18 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 19 | None of the above *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **acc3\_poi**  **acc3\_ed**  **acc3\_hosp**  **acc3\_vet**  **acc3\_where\_other\_dv**  **acc3\_none\_dv**  *[variable added in 2023]* | *Show if accident=1.*  Did the incident(s) of accidental consumption of cannabis lead to any of the following…?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Poison control centre call | | ❑ 2 | Emergency Department visit *(Show if person accidentally consumed (ACC\_ME, ACC\_ADULT, ACC\_TEEN, ACC\_CHILD, ACC\_OTHER)* | | ❑ 3 | Admitted to hospital *(Show if person accidentally consumed (ACC\_ME, ACC\_ADULT, ACC\_TEEN, ACC\_CHILD, ACC\_OTHER)* | | ❑ 4 | Veterinary visit or hospitalization *(Show if pet consumed ACC\_PET=1)* | | ❑ 5 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 6 | None of these *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **acc4\_herb\_dv**  **acc4\_hash\_dv**  **acc4\_oil\_dv**  **acc4\_vape\_dv**  **acc4\_concen\_dv**  **acc4\_edible\_dv**  **acc4\_bev\_dv**  **acc4\_top\_dv**  **acc4\_what\_other\_dv**  **acc4\_dk\_dv**  *[variable added in 2023]* | *Show if accidental consumption occurred (accident = 1)*  What is the best description of the cannabis that was accidentally consumed?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Dried flower/leaf | | ❑ 2 | Hashish/kief | | ❑ 3 | Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures | | ❑ 4 | Cannabis vape pens/cartridges | | ❑ 5 | Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin | | ❑ 6 | Cannabis edible food products – e.g., chocolate, baked goods, soft chews | | ❑ 7 | Cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder | | ❑ 8 | Topicals – e.g., lotion/cream, ointment, bath products, patches | | ❑ 9 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 10 | Don’t know/not sure *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **acc\_source\_legal\_dv**  **acc\_source\_illegal\_dv**  **acc\_source\_grown\_dv**  **acc\_source\_friend\_dv**  **acc\_source\_other\_dv**  **acc\_source\_dk\_dv**  *[variable added in 2023]* | *Show if accidental consumption (accident = 1)*  Where did the cannabis that was accidentally consumed come from?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | From the legal market | | ❑ 2 | From the illegal market | | ❑ 3 | It was made/grown in my household | | ❑ 4 | From a friend/family member | | ❑ 5 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 6 | Don't know/Not sure *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **drive\_impair**  *[revised in 2023 to remove ‘for non-medical purposes’]* | In your opinion, does using cannabis impair one’s ability to drive or operate a motor vehicle?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | It depends (please specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❍ 4 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **safedrive\_inhale**  *[variable added in 2021; revised in 2023 to remove ‘for non-medical purposes’]* | As far as you know, when is it safe for someone to drive a motor vehicle after **inhaling (smoking/vaping)** cannabis?   |  |  | | --- | --- | | ❍ 1 | Immediately | | ❍ 2 | 30 minutes to just under 1 hour | | ❍ 3 | 1 hour to just under 3 hours | | ❍ 4 | 3 hours to just under 5 hours | | ❍ 5 | 5 hours to just under 7 hours | | ❍ 6 | 7 hours to 8 hours | | ❍ 7 | More than 8 hours | | ❍ 8 | It depends | | ❍ 9 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **safedrive\_eat**  *[variable added in 2021; revised in 2023 to remove ‘for non-medical purposes’]* | As far as you know, when is it safe for someone to drive a motor vehicle after **ingesting (eating/drinking)** cannabis?   |  |  | | --- | --- | | ❍ 1 | Immediately | | ❍ 2 | 30 minutes to just under 1 hour | | ❍ 3 | 1 hour to just under 3 hours | | ❍ 4 | 3 hours to just under 5 hours | | ❍ 5 | 5 hours to just under 7 hours | | ❍ 6 | 7 hours to 8 hours | | ❍ 7 | More than 8 hours | | ❍ 8 | It depends | | ❍ 9 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **drive\_pol\_alc**  **drive\_pol\_cann** | How likely do you think it is that a person will be caught by police if they drive while under the influence of the following substances?   |  |  | | --- | --- | | 1. | Driving under the influence of alcohol | | 2. | Driving under the influence of cannabis |  |  |  | | --- | --- | | ❍ 1 | Not at all likely | | ❍ 2 | Not likely | | ❍ 3 | Somewhat likely | | ❍ 4 | Likely | | ❍ 5 | Extremely likely | | ❑ -7 | Missing | |  |
| **passenger\_rev**  *[variable added in 2022 to replace* **passenger***; revised in 2023 to remove ‘for non-medical purposes’]* | Have you ever been a passenger in a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) driven by someone who had used cannabis **within 2 hours before driving**?   |  |  | | --- | --- | | ❍ 1 | Yes, in the past 30 days | | ❍ 2 | Yes, in the past 12 months | | ❍ 3 | Yes, more than 12 months ago | | ❍ 4 | No | | ❍ 5 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **passenger\_dv** | *Recode of passenger\_rev to binary variable.*  Have you ever been a passenger in a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) driven by someone who had used cannabis **within 2 hours before driving**?   |  |  | | --- | --- | | ❍ 1 | Within the past 12 months | | ❍ 0 | More than 12 months ago, No or Don’t know | | ❑ -7 | Missing | |  |
| **ever\_use**  *[revised in 2023 to remove ‘for non-medical purposes’]* | During your lifetime have you ever used cannabis?   |  |  | | --- | --- | | ❍ 1 | Yes, just once | | ❍ 2 | Yes, more than once | | ❍ 3 | No | | ❑ -7 | Missing | |  |
| **lifetime\_dv**  **derived variable** | Lifetime cannabis use for non-medical purposes, binary   |  |  | | --- | --- | | ❍ 0 | No | | ❍ 1 | Yes | | ❑ -7 | Missing | |  |
| **aoi\_num** | Age of initiation, cleaned, numeric  [numeric]   |  |  | | --- | --- | | ❍ -11 | Older than 70 years | | ❑ -7 | Missing | |  |
| **start\_who**  *[variable added in 2023]* | *Show if under 25 when first used cannabis (aoi\_num<25)*     |  |  | | --- | --- | | ❍ 1 | Friend | | ❍ 2 | Parent/caregiver | | ❍ 3 | Sibling | | ❍ 4 | Girlfriend/boyfriend or spouse/partner | | ❍ 5 | Another adult | | ❍ 6 | I started using on my own | | ❍ 7 | Someone else | | ❍ 8 | Doctor/healthcare professional | | ❑ -7 | Missing | |  |
| **past12mos**  *[variable added in 2023]* | *Show if ever used cannabis (ever\_use = 1,2)*  In the **past 12 months**, have you used cannabis?  *By* ***non-medical*** *purposes we mean recreational (e.g., for enjoyment, pleasure, amusement), socially, for spiritual, lifestyle and other similar non-medical uses. By* ***medical*** *purposes we mean used to treat a disease/disorder or to improve symptoms.*   |  |  | | --- | --- | | ❍ 1 | Yes, for **non-medical purposes** | | ❍ 2 | Yes, for **medical purposes** (with or without a medical document) | | ❍ 3 | Yes, for **both non-medical and medical purposes** | | ❍ 4 | No | | ❑ -7 | Missing | |  |
| **past12mos\_med\_dv**  **derived variable** | Medical cannabis use in the past 12 months, among **all** respondents   |  |  | | --- | --- | | ❍ 0 | Non-consumer *(or doesn’t consume for medical purposes)* | | ❍ 1 | Medical consumer *(for medical purposes only or medical + non-medical purposes)* | | ❑ -7 | Missing | |  |
| **past12\_dv**  **derived variable** | Past 12-month cannabis use for non-medical purposes, binary, among **all** respondents  ❍ 0 Non-consumer *(or doesn’t consume for non-medical purposes)*  ❍ 1 Non-medical consumer *(for non-medical purposes only or medical + non-medical purposes)*   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **anyuse\_dv**  **derived variable** | Past 12-month cannabis use (combines both medical and non-medical) (**all** respondents)  ❍ 0 No use  ❍ 1 Any cannabis use in past 12 months   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **canpurpose\_dv**  **derived variable** | Purpose of cannabis use in past 12 months  ❍ 0 No cannabis use in past 12 months\*  ❍ 1 Non-medical use only  ❍ 2 Both medical and non-medical  ❍ 3 Medical use only  ❑ -7 Missing  \*Note: those who have not used in their lifetime are coded as 0 (No) |  |
| **med\_doc**  *[variable added in 2023]* | *Show if past 12-month medical user (past12mos = 2,3)*  Do you use cannabis for **medical** purposes with or without a medical document from a healthcare professional?  *A* ***medical document*** *authorizing the use of cannabis for medical purposes typically contains information about the healthcare provider and you, the daily quantity (grams) of dried cannabis that you are authorized to use for medical purposes, and the length of time you are authorized to do so. They are similar to prescriptions.*   |  |  | | --- | --- | | ❍ 1 | **With a medical document** authorizing the use of cannabis for medical purposes from a healthcare professional | | ❍ 0 | **Without a medical document** authorizing the use of cannabis for medical purposes from a healthcare professional | | ❑ -7 | Missing | |  |
| **use\_freq\_rec** | *Show if past 12-month non-medical user (past12mos = 1,3)*  In the **past 12 months**, how often did you typically use cannabis for **non-medical** purposes?  *By* ***non-medical*** *purposes we mean recreational (e.g., for enjoyment, pleasure, amusement), socially, for spiritual, lifestyle and other similar non-medical uses.*   |  |  | | --- | --- | | ❍ 1 | Less than 1 day per month | | ❍ 2 | 1 day per month | | ❍ 3 | 2 or 3 days per month | | ❍ 4 | 1 or 2 day(s) per week | | ❍ 5 | 3 or 4 days per week | | ❍ 6 | 5 or 6 days per week | | ❍ 7 | Daily | | ❑ -7 | Missing | |  |
| **dailyrec\_dv**  **derived variable** | Daily/almost daily cannabis use for non-medical purposes, binary among non-medical cannabis consumers  ❍ 0 No  ❍ 1 Yes   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **daily\_dv**  **derived variable** | Daily/almost daily cannabis use for non-medical purposes, binary, among **all** respondents  ❍ 0 No  ❍ 1 Yes  ❑ -7 Missing |  |
| **use\_modes\_smoke**  **use\_modes\_edible**  **use\_modes\_bev**  **use\_modes\_vape**  **use\_modes\_oil**  **use\_modes\_dab**  **use\_modes\_topical**  *[variable revised in 2023: removed ‘for non-medical purposes’ and added use\_modes\_vape to replace* **use\_modes\_vape1** *and* **use\_modes\_vape2***]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  In the **past 12 months**, which of the following methods did you use to consume cannabis?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Smoked (e.g., a joint, bong, pipe or blunt) | | ❑ 2 | Eaten it in food (e.g., chocolate, baked goods, soft chews) | | ❑ 3 | Drank it (e.g., sparkling water, tea, soft drinks, dissolvable powder) | | ❑ 4 | Vaped it (e.g., vape pen or vaporizer) | | ❑ 5 | Cannabis oil for oral use (e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures) | | ❑ 6 | Dabbing (e.g., including hot knife/nail, dab rig) | | ❑ 7 | Applied to skin (e.g., topicals) | | ❑ -7 | Missing |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **vape\_herb**  **vape\_liquid**  **vape\_concen**  *[variable added in 2020]* | *Show if vaped cannabis (use\_modes\_vape = 1)*  What cannabis products did you use when vapourizing cannabis?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Dried flower/leaf | | ❑ 2 | Liquid cannabis extract (e.g., butane honey oil (BHO), vaping liquid with THC/CBD, etc.) | | ❑ 3 | Solid cannabis extract (e.g., shatter, hash, kief, etc.) | | ❑ -7 | Missing |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **thcratio**  *[variable added in 2019; revised in 2023 to remove ‘for non-medical purposes’]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  When choosing cannabis products, what levels of THC and CBD do you typically use?   |  |  | | --- | --- | | ❍ 1 | Higher THC, Lower CBD | | ❍ 2 | Higher CBD, Lower THC | | ❍ 3 | Equal levels of THC and CBD | | ❍ 4 | THC only | | ❍ 5 | CBD only | | ❍ 6 | I typically use a mix of the products above | | ❍ 7 | Other | | ❍ 8 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **prod\_herb**  **prod\_hash**  **prod\_oil**  **prod\_vape**  **prod\_concen**  **prod\_edible**  **prod\_bev**  **prod\_topical**  *[variable revised in 2023: removed ‘for non-medical purposes’]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  In the **past 12 months**, have you used the following cannabis products?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Dried flower/leaf | | ❑ 2 | Hashish/kief | | ❑ 3 | Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures | | ❑ 4 | Cannabis vape pens/cartridges | | ❑ 5 | Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin | | ❑ 6 | Cannabis edible food products – e.g., cookies, candy | | ❑ 7 | Cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **preroll**  *[variable added in 2024]* | *Only show if used dried flower (including pre-rolled joints) (prod\_herb=1)*  **In the past 12 months, have you bought any ‘pre-rolled’ joints?**  Pre-rolled joints contain dried herb and come ‘pre-made’ in joints when you buy them.  ❍ 1 Yes  ❍ 0 No  ❍ -7 Missing |  |
| **prerollpercent**  *[variable added in 2024]* | *Only show if preroll=1*  Of all the dried herb you bought in the last 12 months, how much of it was purchased as pre-rolled joints?  [Drop-down list]  ❍ 1 Almost none  ❍ 2 Less than 10%  ❍ 3 10%  ❍ 4 20%  ❍ 5 30%  ❍ 6 40%  ❍ 7 50%  ❍ 8 60%  ❍ 9 70%  ❍ 10 80%  ❍ 11 90%  ❍ 12 100%  ❍ -7 Missing |  |
| **preroll\_infused**  *[variable added in 2024]* | *Show if purchased pre-rolled joints in past 12 months (preroll = 1)*  Most pre-rolled joints only include dried herb, but some are mixed with cannabis oils or concentrates to increase the strength. These products are sometimes called “infused’ pre-rolls, ‘moonrockets’, or include ‘diamonds’.  In the past 12 months have you purchased any pre-rolled joints mixed with high potency oils or concentrates?  ❍ 1 Yes  ❍ 0 No  ❍ -7 Missing |  |
| **edible\_type\_gummy\_dv**  **edible\_type\_candy\_dv**  **edible\_type\_cookie\_dv**  **edible\_type\_choc\_dv**  **edible\_type\_brownie\_dv**  **edible\_type\_bake\_dv**  **edible\_type\_mint\_dv**  **edible\_type\_snack\_dv**  **edible\_type\_fruit\_dv**  **edible\_type\_bar\_dv**  **edible\_type\_butter\_dv**  **edible\_type\_other\_dv**  *[variable added in 2024 to replace edibletype]* | *Only show if used cannabis edibles (prod\_edible=1)*  In the past 12 months, did you eat any of the following edible marijuana products?  (If you used cannabis oil or butter to make food, choose the type of food from the list below.)  SELECT ALL THE APPLY  ❍ 1 Gummy or jelly candy (e.g., gummy bears, sour or soft candy)  ❍ 2 Other candy (e.g., lollipop, hard candy, licorice, caramel, toffee)  ❍ 3 Cookie  ❍ 4 Chocolate (e.g., chocolate/candy bar, truffle, peanut butter cups)  ❍ 5 Brownie  ❍ 6 Other baked good (e.g., muffin, cake, rice krispie treat)  ❍ 7 Mint or gum  ❍ 8 Salty or savoury snack (e.g., chocolate-covered pretzels or nuts, crackers, popcorn)  ❍ 9 Dried fruit  ❍ 10 Granola/cereal bar, protein bar or energy bite  ❍ 11 Butter or oil used on its own 1  ❍ 12 Other (please specify):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **thc\_herb**  *[variable added in 2023]* | *Show if used dried flower (prod\_herb = 1)*  When choosing cannabis products, what levels of **THC** do you typically use for **dried flower/leaf**?  Minimum: 0, Maximum: 100  \_\_\_\_\_\_\_\_\_\_ %   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **cbd\_herb**  *[variable added in 2023]* | *Show if used dried flower (prod\_herb = 1)*  When choosing cannabis products, what levels of **CBD** do you typically use for **dried flower/leaf**?  Minimum: 0, Maximum: 100  \_\_\_\_\_\_\_\_\_\_ %   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **thc\_hash\_percent**  **thc\_hash\_mg**  **thc\_hash\_mg\_g**  **thc\_hash\_percent\_num**  *[variable added in 2023]* | *Show if used hash/kief (prod\_hash = 1)*  When choosing cannabis products, what levels of **THC** do you typically use for **hashish/kief**?  *Please enter a number and select a unit from the drop down menu.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_%  \_\_\_\_\_\_\_\_\_\_mg  \_\_\_\_\_\_\_\_\_\_mg/g   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **cbd\_hash\_percent**  **cbd\_hash\_mg**  **cbd\_hash\_mg\_g**  **cbd\_hash\_percent\_num**  *[variable added in 2023]* | *Show if used hash/kief (prod\_hash = 1)*  When choosing cannabis products, what levels of **CBD** do you typically use for **hashish/kief**?  *Please enter a number and select a unit from the drop down menu.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_%  \_\_\_\_\_\_\_\_\_\_mg  \_\_\_\_\_\_\_\_\_\_mg/g   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **thc\_oil\_percent**  **thc\_oil\_mg**  **thc\_oil\_mg\_g**  **thc\_oil\_percent\_num**  *[variable added in 2023]* | *Show if used cannabis oil (prod\_oil = 1)*  When choosing cannabis products, what levels of **THC** do you typically use for **cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures**?  *Please enter a number and select a unit from the drop down menu.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_%  \_\_\_\_\_\_\_\_\_mg  \_\_\_\_\_\_\_\_\_mg/g   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **cbd\_oil\_percent**  **cbd\_oil\_mg**  **cbd\_oil\_mg\_g**  **cbd\_oil\_percent\_num**  *[variable added in 2023]* | *Show if used cannabis oil (prod\_oil = 1)*  When choosing cannabis products, what levels of **CBD** do you typically use for **cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures**?  *Please enter a number and select a unit from the drop down menu.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_%  \_\_\_\_\_\_\_\_\_mg  \_\_\_\_\_\_\_\_\_mg/g   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **thc\_vape\_percent**  **thc\_vape\_mg**  **thc\_vape\_mg\_g**  **thc\_vape\_percent\_num**  *[variable added in 2023]* | *Show if used cannabis vape pens (prod\_vape=1)*  When choosing cannabis products, what levels of **THC** do you typically use for **cannabis vape pens/cartridges**?  *Please enter a number and select a unit from the drop down menu.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_%  \_\_\_\_\_\_\_\_\_mg  \_\_\_\_\_\_\_\_\_mg/g   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **cbd\_vape\_percent**  **cbd\_vape\_mg**  **cbd\_vape\_mg\_g**  **cbd\_vape\_percent\_num**  *[variable added in 2023]* | *Show if used cannabis vape pens (prod\_vape=1)*  When choosing cannabis products, what levels of **CBD** do you typically use for **cannabis vape pens/cartridges**?  *Please enter a number and select a unit from the drop down menu.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_%  \_\_\_\_\_\_\_\_\_mg  \_\_\_\_\_\_\_\_\_mg/g   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **thc\_concen\_percent**  **thc\_concen\_mg**  **thc\_concen\_mg\_g**  **thc\_concen\_percent\_num**  *[variable added in 2023]* | *Show if used cannabis concentrate (prod\_concen = 1)*  When choosing cannabis products, what levels of **THC** do you typically use for **cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin**?  *Please enter a number and select a unit from the drop down menu.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_%  \_\_\_\_\_\_\_\_\_mg  \_\_\_\_\_\_\_\_\_mg/g   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **cbd\_concen\_percent**  **cbd\_concen\_mg**  **cbd\_concen\_mg\_g**  **cbd\_concen\_percent\_num**  *[variable added in 2023]* | *Show if used cannabis concentrate (prod\_concen = 1)*  When choosing cannabis products, what levels of **CBD** do you typically use for **cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin**?  *Please enter a number and select a unit from the drop down menu.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_%  \_\_\_\_\_\_\_\_\_mg  \_\_\_\_\_\_\_\_\_mg/g   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **thc\_edible**  *[variable added in 2023]* | *Show if used cannabis edibles (prod\_edible = 1)*  When choosing cannabis products, what levels of **THC** do you typically use for **cannabis edible food products – e.g., chocolate, baked goods, soft chews**?  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_ mg per piece   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **cbd\_edible**  *[variable added in 2023]* | *Show if used cannabis edibles (prod\_edible = 1)*  When choosing cannabis products, what levels of **CBD** do you typically use for **cannabis edible food products – e.g., chocolate, baked goods, soft chews**?  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_ mg per piece   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **thc\_bev**  *[variable added in 2023]* | *Show if used cannabis beverages (prod\_bev = 1)*  When choosing cannabis products, what levels of **THC** do you typically use for **cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder**?  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_ mg per drink   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **cbd\_bev**  *[variable added in 2023]* | *Show if used cannabis beverages (prod\_bev = 1)*  When choosing cannabis products, what levels of **CBD** do you typically use for **cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder**?  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_ mg per drink   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **use\_freq\_herb**  **use\_freq\_hash**  **use\_freq\_oil**  **use\_freq\_vape**  **use\_freq\_concen**  **use\_freq\_edible**  **use\_freq\_bev**  **use\_freq\_topical**  **use\_freq\_other**  *[variable revised in 2023 to remove ‘for non-medical purposes’ and update examples in parentheses]* | *Show if used corresponding product type in the past 12 months.*  In the **past 12 months**, how often have you used the following cannabis products?   |  |  | | --- | --- | | 1. | Dried flower/leaf *(Show if prod\_herb Dried flower (prod\_herb = 1))* | | 2. | Hashish/kief *(Show if prod\_hash Hashish (prod\_hash = 1))* | | 3. | Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures *(Show if prod\_oil Cannabis oil (prod\_oil = 1))* | | 4. | Cannabis vape pens/cartridges *(Show if prod\_vape Cannabis vape pens (prod\_vape= 1))* | | 5. | Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin *(Show if prod\_concen Cannabis concentrate (prod\_concen = 1))* | | 6. | Cannabis edible food products – e.g., chocolate, baked goods, soft chews *(Show if prod\_edible Cannabis edibles (prod\_edible = 1))* | | 7. | Cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder *(Show if prod\_bev Cannabis beverages (prod\_bev = 1))* | | 8. | Topicals – e.g., lotion/cream, ointment, bath products, patches *(Show if prod\_topical Topicals (prod\_topical = 1))* |  |  |  | | --- | --- | | ❍ 1 | Less than 1 day per month | | ❍ 2 | 1 day per month | | ❍ 3 | 2 or 3 days per month | | ❍ 4 | 1 or 2 day(s) per week | | ❍ 5 | 3 or 4 days per week | | ❍ 6 | 5 or 6 days per week | | ❍ 7 | Daily | | ❑ -7 | Missing | |  |
| **amt\_herb\_dv**  *[variable revised in 2023 to remove ‘for non-medical purposes’ and add ‘one or two puffs’ and ‘50 to 750 mg’ response options]* | *Show if used dried flower (prod\_herb = 1)*  On the days that you used: **Dried flower/leaf**, how much did you typically use in a day?  Amount of dried flower typically used in a day, numeric, in grams.  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing |   Note. One or two puffs was converted to 0.025 g. |  |
| **amt\_herb\_puff**  *[variable added in 2024]* | *Show if used dried flower (prod\_herb = 1)*  On the days that you used **dried flower/leaf**, how many puffs/inhalations do you typically take in a day?  *Please enter the amount closest to what you typically use.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | Don’t know | |  |
| **amt\_hash\_dv**  *[variable revised in 2023 to remove ‘for non-medical purposes’ and add ‘50 to 750 mg’ response options]* | *Show if used hash/kief (prod\_hash = 1)*  On the days that you used: **Hashish/kief**, how much did you typically use in a day?  Amount of hashish/kief typically used in a day, numeric, in grams  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **amt\_oil\_dv**  *[variable added in 2019 and revised in 2023 to remove ‘for non-medical purposes’ and added several response options in ml]* | *Show if used cannabis oil for oral use (prod\_oil = 1)*  On the days that you used: **Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures**, how much did you typically use in a day?  Amount of cannabis oil typically used in a day, numeric, in mL  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing |   Note. One spray of oral cannabis oil was converted to 0.1 mL and 1 capsule/softgel was converted to 0.16 mL. |  |
| **amt\_vape\_rev**  *[variable added in 2023 to replace* **amt\_vape***]* | *Show if used cannabis vape pens (prod\_vape = 1)*  On the days that you used **Cannabis vape pens/cartridges**   How many puffs do you typically take in a day?  *Please select the amount closest to what you typically use.*  Minimum: 0, Maximum: 1000  \_\_\_\_\_\_\_\_\_\_ puffs   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **amt\_concen\_dv**  *[variable revised in 2023 to remove ‘for non-medical purposes’ and added ‘¾ g’ and ‘more than 3.5 g’ response options]* | *Show if used cannabis concentrate (prod\_concen = 1)*  On the days that you used: **Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin**, how much did you typically use in a day?  Amount of cannabis concentrate/extract used in a day, numeric, in g  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **amt\_edible\_dv**  *[variable revised in 2023 to remove ‘for non-medical purposes’ and add definition of 1 serving]* | *Show if used edibles (prod\_edible = 1)*  On the days that you used: **Cannabis edible food products – e.g., chocolate, baked goods, soft chews**  How much did you typically use in a day?  For this question, 1 serving = 1 unit of the product (e.g., ½ serving = ½ cookie or ½ gummy, 1 serving = 1 cookie or 1 gummy, 10 servings = 10 cookies or 10 gummies).  Amount of edible consumed in a typical day, numeric, number of servings  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **amt\_bev\_rev**  *[variable added in 2023 to replace amt\_bev]* | *Show if used cannabis beverages (prod\_bev = 1)*  On the days that you used: **Cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder**   How much did you typically use in a day?  *Please select the amount closest to what you typically use.*   |  |  | | --- | --- | | ❍ 1 | 1 drink | | ❍ 2 | 2 drinks | | ❍ 3 | 3 drinks | | ❍ 4 | 4 drinks | | ❍ 5 | 5 drinks | | ❍ 6 | 6 drinks | | ❍ 7 | 7 drinks | | ❍ 8 | 8 drinks | | ❍ 9 | 9 drinks | | ❍ 10 | 10 drinks | | ❍ 11 | 11 drinks | | ❍ 12 | 12 drinks | | ❍ 13 | More than 12 drinks | | ❑ -7 | Missing | | ❑ -9 | Don't know | |  |
| **amt\_topical\_lotion**  **amt\_topical\_patch**  *[variable added in 2023 to replace amt\_topical]* | *Show if used topicals (prod\_topical = 1)*  On the days that you used: **Topicals – e.g., lotion/cream, ointment, bath products, patches**   How much did you typically use in a day?  *For this question, 1 ‘fingertip’ unit is the distance from the tip of your index finger to the first crease of your finger.*  Minimum: 0, Maximum: 100   |  |  |  | | --- | --- | --- | | For lotions/creams, etc. enter the number of fingertip units | | \_\_\_\_\_\_\_\_\_\_ | | For patches, bath bombs, etc. enter the number of product units | | \_\_\_\_\_\_\_\_\_\_ | | ❑ -7 | Missing | | | ❑ -9 | Don't know | | |  |
| **source\_rev**  *[variable added in 2023 to replace* **source** *and remove ‘for non-medical purposes’]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  In the **past 12 months** where did you **usually buy or receive** the cannabis you used?   |  |  | | --- | --- | | ❍ 1 | I grew my own | | ❍ 2 | It was specifically grown for me | | ❍ 3 | From a **legal storefront**/provincially authorized retailer | | ❍ 4 | From a **legal non-medical website** (provincially authorized retailer) | | ❍ 5 | From a **legal website** for **medical** cannabis (federally licensed seller for medical purposes that you are registered with and required to have a medical document) *(Show if Medical user with medical document ((MEDzDOC = 1) AND (past12mos = 2,3)))* | | ❍ 6 | From an **illegal storefront** | | ❍ 7 | From an **illegal website** | | ❍ 8 | From a storefront in an Indigenous community | | ❍ 9 | It was shared around a group of friends | | ❍ 10 | From a family member | | ❍ 11 | From a friend | | ❍ 12 | From an acquaintance | | ❍ 13 | From a dealer | | ❍ 14 | Other | | ❑ -7 | Missing | |  |
| **source\_recoded\_dv**  **derived variable** | Recode of **source\_rev.**  ❍ 1 Grown/grown for me  ❍ 2 Legal store  ❍ 3 Legal online source  ❍ 4 Illegal store  ❍ 5 Illegal online source  ❍ 6 Social source  ❍ 7 Dealer  ❍ 8 Other  ❍ 9 Storefront in an Indigenous community  ❑ -7 Missing |  |
| **legal\_purchase\_dv**  **derived variable** | Recode of **source\_rev**.  Usual source in past 12 months.  ❍ 0 Other sources  ❍ 1 Legal store or legal online source  ❑ -7 Missing |  |
| **illegal\_purchase\_dv**  **derived variable** | Recode of **source\_rev**.  Usual source in past 12 months.  ❍ 0 Other sources  ❍ 1 Illegal store, illegal online source, or dealer  ❑ -7 Missing |  |
| **delivery\_thirdparty**  *[variable added in 2023]* | *Show if bought from storefront (source\_rev = 3,6,8)*  You told us you bought cannabis from a store in the past 12 months. **Of the money you spent on cannabis from a store**, what percentage (%) did you order through a third-party app (e.g., UberEats)?  Minimum: 0, Maximum: 100  \_\_\_\_\_\_\_\_\_\_ %   |  |  | | --- | --- | | ❑ -7 | Missing | |  |  | |  |
| **delivery\_store** | Percentage of money spent on cannabis from a store that was delivered from the store and NOT from a third-party app. Calculated as 100% minus the value entered by respondent in **delivery\_thirdparty**.  [numeric]  Minimum: 0, Maximum: 100  \_\_\_\_\_\_\_\_\_\_ %   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **med\_auth** | *Show if grows cannabis and past 12-month cannabis user with medical document ((past12mos = 2,3) and (med\_doc = 1) and (source\_rev = 1,2))*  Are you or your grower currently registered with Health Canada (on the basis of a medical document) to grow cannabis for **medical** purposes?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **legal\_freq**  *[variable added in 2020 and revised in 2023 to remove ‘for non-medical purposes’]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  In the **past 12 months**, how often did you buy or receive any cannabis from a **legal/licensed** source?   |  |  | | --- | --- | | ❍ 1 | Always | | ❍ 2 | Mostly | | ❍ 3 | Sometimes | | ❍ 4 | Rarely | | ❍ 5 | Never | | ❑ -7 | Missing | |  |
| **legal\_percent**  *[variable added in 2024]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  Of all the money you spent on cannabis in the past 12 months, how much of it was spent on products from **legal stores and sources**?  \_\_\_\_\_\_\_\_% (0-100)   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -9 | I don’t know | |  |
| **legal\_source\_store\_dv**  **legal\_source\_nonmed\_online\_dv**  **legal\_source\_med\_online\_dv**  **legal\_source\_share\_dv**  **legal\_source\_grow\_dv**  **legal\_source\_other\_dv**  *[variable added in 2020 and revised in 2023 to add ‘legal storefront’, ‘legal non-medical website’ and ‘from a legal website for medical cannabis’]* | *Show if purchased from legal source in past 12 months (legal\_freq = 1,2,3,4)*  What were these **legal/licensed** sources? *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Legal storefront | | ❑ 2 | Legal non-medical website | | ❑ 3 | From a legal website for **medical** cannabis (federally licensed seller for medical purposes that you are registered with and required to have a medical document) *(Show if Medical user with medical document ((MEDzDOC = 1) AND (past12mos = 2,3)))* | | ❑ 4 | From someone **sharing** with me/giving it to me for free (e.g., friend, family member, acquaintance) | | ❑ 5 | I grew/made my own | | ❑ 6 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **illegal\_source\_store\_dv**  **illegal\_source\_online\_dv**  **illegal\_source\_dealer\_dv**  **illegal\_source\_free\_dv**  **illegal\_source\_else\_dv**  **illegal\_source\_other\_dv**  **illegal\_source\_none\_dv**  **illegal\_source\_grow\_dv**  *[variable added in 2020 and revised in 2024 to add ‘I grew my own’ for residents of MB and QC]* | *Show if purchased from an illegal source in past 12 months (legal\_freq = 2,3,4,5)*  You indicated not always buying or receiving cannabis from legal/licensed sources. What other sources did you obtain cannabis from?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Illegal storefront | | ❑ 2 | Illegal website | | ❑ 3 | From a dealer | | ❑ 6 | From someone **sharing** with me/giving it to me for free (e.g., friend, family member, acquaintance) | | ❑ 4 | **Bought** from someone else who was selling cannabis (e.g., friend, family member, acquaintance) | | ❑ 5 | I grew my own *(Show to residents of Manitoba and Quebec only)*  Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 7 | I have not obtained cannabis from any illegal sources *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **factor\_price\_dv**  **factor\_safe\_dv**  **factor\_quality\_dv**  **factor\_strength\_dv**  **factor\_convenience\_dv**  **factor\_strain\_dv**  **factor\_anonymity\_dv**  **factor\_productavail\_dv**  **factor\_labelling\_dv**  **factor\_law\_dv**  **factor\_trust\_dv**  **factor\_package\_dv**  **factor\_consist\_dv**  **factor\_see\_dv**  **factor\_talk\_dv**  **factor\_limit\_dv**  **factor\_edible\_dv**  **factor\_cannab\_dv**  **factor\_legalsource\_dv**  **factor\_promo\_dv**  **factor\_other\_dv**  **factor\_receive\_dv**  **factor\_advice**  *[Revised in 2023 to add several response options and randomize list]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  Which factors **most** influence where you usually buy the cannabis you use?  ***Please select up to 3 choices***   |  |  | | --- | --- | | ❑ 1 | Price \* | | ❑ 2 | Safe supply \* | | ❑ 3 | Quality (e.g., freshness, appearance, smell) \* | | ❑ 4 | Strength (e.g., THC or CBD levels) \* | | ❑ 5 | Convenience (e.g., location, hours of operation, delivery) \* | | ❑ 6 | Availability of specific product \* | | ❑ 7 | Access to a specific strain/variety \* | | ❑ 8 | Anonymity/privacy/confidentiality \* | | ❑ 9 | Labelling of product information (e.g., THC/CBD levels, terpene levels, ingredients) \* | | ❑ 10 | I want to follow the law \* | | ❑ 11 | Trust/loyalty \* | | ❑ 12 | Amount of packaging \* | | ❑ 13 | Consistency of product \* | | ❑ 14 | I want to see/smell the product \* | | ❑ 15 | Ability to talk to sales staff \* | | ❑ 16 | I can buy more than 30g of cannabis at a time \* | | ❑ 17 | I can buy edibles with higher amounts of THC \* | | ❑ 18 | I can buy products with other cannabinoids (e.g., CBN, CBG, delta 8 THC) \* | | ❑ 19 | I can’t legally buy cannabis where I live \* | | ❑ 20 | Promotions/incentives offered \* | | ❑ 21 | Advice/recommendation (eg., from friend/family/health professional)\* | | ❑ 22 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 23 | I don’t buy/pay for cannabis myself *(Exclusive)* |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **factor\_rec1\_rev**  **factor\_rec2\_rev**  **factor\_rec3\_rev**  *[added in 2023 to align with previous variable; replaces* **factor\_rec1, factor\_rec2** *and* **factor\_rec3***]* | *If respondent selected more than 1 factor in previous variable, show the selected factors below.*  Among the factors that most influence where you usually buy cannabis, please rank your choices, with 1 being most important.   |  |  | | --- | --- | | 1 | Price \* *(Show if FACTOR 1 Price=1)* | | 2 | Safe supply \* *(Show if FACTOR 2 Safe supply= 1)* | | 3 | Quality (e.g., freshness, appearance, smell) \* *(Show if FACTOR 3 Quality = 1)* | | 4 | Strength (e.g., THC or CBD levels) \* *(Show if FACTOR 4 Strength = 1)* | | 5 | Convenience (e.g., location, hours of operation, delivery) \**(Show if FACTOR 5 Convenience = 1)* | | 6 | Availability of specific product \* *(Show if FACTOR 6 Availability= 1)* | | 7 | Access to a specific strain/variety \* *(Show if FACTOR 7 Access to a specific strain = 1)* | | 8 | Anonymity/privacy/confidentiality \* *(Show if FACTOR 8 Anonymity= 1)* | | 9 | Labelling of product information (e.g., THC/CBD levels, terpene levels, ingredients) \* *(Show if FACTOR 9 Labelling of product = 1)* | | 10 | I want to follow the law \* *(Show if FACTOR 10 Follow the law= 1)* | | 11 | Trust/loyalty \* *(Show if FACTOR 11 Trust= 1)* | | 12 | Amount of packaging \* *(Show if FACTOR 12 Amount of packaging= 1)* | | 13 | Consistency of product \* *(Show if FACTOR 13 Consistency of product= 1* | | 14 | I want to see/smell the product \* *(Show if FACTOR 14 I want to see= 1)* | | 15 | Ability to talk to sales staff \* *(Show if FACTOR 15 Ability to talk to staff= 1)* | | 16 | I can buy more than 30g of cannabis at a time \* *(Show if FACTOR 16 Can buy more at time (FACTOR\_16 = 1))* | | 17 | I can buy edibles with higher amounts of THC \* *(Show if FACTOR 17 I can buy edibles= 1)* | | 18 | I can buy products with other cannabinoids (e.g., CBN, CBG, delta 8 THC) \* *(Show if FACTOR 18 I can buy other products= 1)* | | 19 | I can’t legally buy cannabis where I live \* *(Show if FACTOR 19 I cant legally buy= 1)* | | 20 | Promotions/incentives offered \* *(Show if FACTOR 20 Promotions= 1)* | | 21 | Advice/recommendation (e.g., from friend/family/health professional) \**(Show if FACTOR 23 Advice recommendation= 1)* | | 22 | << specify>> *(Show if FACTOR 21 Other= 1)* | | -7 | Missing | |  |  |   *Levels marked with \* are randomized* |  |
| **spend\_legal**  *[variable added in 2020 and revised in 2023 to remove ‘for non-medical purposes’ and ‘past 30 days’ timeframe]* | *Show if purchased from legal source in past 12 months (legal\_freq = 1,2,3,4)*  How much do you **typically** spend on cannabis each month at **legal sources**?  Minimum: 0, Maximum: 1000  $ \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than $1,000 | |  |
| **spend\_illegal**  *[variable added in 2020 and revised in 2023 to remove ‘for non-medical purposes’ and ‘past 30 days’ timeframe]* | *Show if purchased from illegal source in past 12 months (legal\_freq = 2,3,4,5)*  How much do you **typically** spend on cannabis each month at **illegal sources**?  Minimum: 0, Maximum: 1000  $ \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than $1,000 | |  |
| **spend\_med\_dv**  *[variable added in 2023]* | *Show if past 12-month cannabis user for both medical and non-medical purposes (past12mos = 3)*  Percentage of monthly cannabis spending that is spent on cannabis for **medical purposes**. *To derive percent spent on cannabis for non-medical purposes, users can subtract 100% minus value in spend\_med\_dv.*  [numeric]  Minimum: 0, Maximum: 100   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **sds1**  **sds2**  **sds3**  **sds4**  *[variable added in 2023]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  Select the answer that best applies to how you have felt about your use of cannabis over the past 12 months.   |  |  | | --- | --- | | 1. | Do you think your use of cannabis was out of control? | | 2. | Did the idea of not being able to use cannabis when you wanted to make you anxious or worried? | | 3. | Did you worry about your use of cannabis? | | 4. | Did you wish you could stop? |  |  |  | | --- | --- | | ❍ 1 | Never/almost never | | ❍ 2 | Sometimes | | ❍ 3 | Often | | ❍ 4 | Always/Nearly always | | ❑ -7 | Missing | |  |
| **sds5**  *[variable added in 2023]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  How difficult did you find it to stop or go without cannabis?   |  |  | | --- | --- | | ❍ 1 | Not difficult | | ❍ 2 | Quite difficult | | ❍ 3 | Very difficult | | ❍ 4 | Impossible | | ❑ -7 | Missing | |  |
| **sds\_score**  **derived variable** | *Sum of sds1\_recoded to sds5\_recoded\**  Severity of Dependence Scale (SDS) score  [numeric; min: 0, max: 15]   |  |  | | --- | --- | | ❑ -7 | Missing |   \*Recoded SDS variables not included in PUMF. |  |
| **sds\_impair\_dv**  **derived variable** | *Recode of sds\_score*  ‘Impaired Control’ according to SDS.  ❍ 1 Impaired control  ❍ 0 No impaired control  ❑ -7 Missing |  |
| **past30days**  *[variable added in 2023 to replace* **past30days\_rec***]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  In the **past 30 days**, have you used cannabis?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 0 | No | | ❑ -7 | Missing | |  |
| **past30\_dv**  **derived variable** | Past 30-day cannabis use for **non-medical purposes**, binary, among **all** respondents. Derived from **past30days** and **canpurpose\_dv** (includes those who use cannabis for non-medical purposes only or both medical and non-medical purposes)**.**  ❍ 0 No  ❍ 1 Yes   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **days**  *[variable added in 2023 to replace* **days\_rec***]* | *Show if past 30-day cannabis user (past30days = 1)*  In the **past 30 days**, on how many days did you use cannabis?  *Please enter the number of days.*  Minimum: 1, Maximum: 30  \_\_\_\_\_\_\_\_\_\_ days   |  |  | | --- | --- | | ❑ -7 | Missing | |  |
| **stoned**  *[revised in 2023 to remove ‘for non-medical purposes’]* | *Show if past 30-day cannabis user (past30days = 1)*  In the **past 30 days**, how many hours were you "stoned" or "high" on a typical day when you had been using cannabis?   |  |  | | --- | --- | | ❍ 1 | Less than 1 hour | | ❍ 2 | 1 or 2 hour(s) | | ❍ 3 | 3 or 4 hours | | ❍ 4 | 5 or 6 hours | | ❍ 5 | 7 or more hours | | ❑ -7 | Missing | |  |
| **past30\_herb\_dv**  **past30\_hash\_dv**  **past30\_oil\_dv**  **past30\_vape\_dv**  **past30\_concen\_dv**  **past30\_edible\_dv**  **past30\_bev\_dv**  **past30\_topical\_dv**  **past30\_grow\_dv**  **past30\_other\_dv**  **past30\_none\_dv**  **past30\_already\_dv**  *[revised in 2023 to remove ‘for non-medical purposes’ and update examples in parentheses. Response options ‘I grew/made my own’ and ‘None of the above - I already had cannabis’ were added in 2024* | *Show if past 30-day cannabis user (past30days = 1)*  In the **past 30 days**, which form(s) of cannabis have you **bought or received**?  *Select all that apply.*   |  |  | | --- | --- | | ❑ 1 | Dried flower/leaf (incl. Other - pre-rolled joints) | | ❑ 2 | Hashish/kief | | ❑ 3 | Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures | | ❑ 4 | Cannabis vape pens/cartridges | | ❑ 5 | Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin | | ❑ 6 | Cannabis edible food products – e.g., chocolate, baked goods, soft chews | | ❑ 7 | Cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder | | ❑ 8 | Topicals – e.g., lotion/cream, ointment, bath products, patches | | ❑ 9 | I grew/made my own | | ❑ 10 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 11 | None of the above - I used cannabis but it wasn't mine *(Exclusive)* | | ❑ 12 | None of the above - I already had cannabis / it wasn’t obtained in the last 30 days  *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **past30\_freq\_herb**  **past30\_freq\_hash**  **past30\_freq\_oil**  **past30\_freq\_vape**  **past30\_freq\_concen**  **past30\_freq\_edible**  **past30\_freq\_bev**  **past30\_freq\_topical**  *[revised in 2023 to remove ‘for non-medical purposes’ and update examples in parentheses]* | *Show products that respondent indicated using in past 30 days*  In the **past 30 days**, how often have you bought or received cannabis in the following form(s)?   |  |  | | --- | --- | | 1. | Dried flower/leaf *(Show if obtained dried flower past 30 days (past30\_herb=1))* | | 2. | Hashish/kief *(Show if obtained hashish in past 30 days (past30\_hash=1))* | | 3. | Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures *(Show if obtained cannabis oil in past 30 days(past30\_oil=1))* | | 4. | Cannabis vape pens/cartridges *(Show if obtained vape pens in past 30 days)* | | 5. | Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin *(Show if obtained cannabis concentrates in past 30 days (past30\_concen=1))* | | 6. | Cannabis edible food products – e.g., chocolate, baked goods, soft chews *(Show if obtained cannabis edibles in past 30 days (past30\_edible=1))* | | 7. | Cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder *(Show if obtained cannabis beverages in past 30 days (past30\_bev=1))* | | 8. | Topicals – e.g., lotion/cream, ointment, bath products, patches *(Show if obtained cannabis topicals in past 30 days (past30\_topical=1))* |  |  |  | | --- | --- | | ❍ 1 | Once | | ❍ 2 | Twice | | ❍ 3 | Three times | | ❍ 4 | Four times | | ❍ 5 | Five times | | ❍ 6 | More than 5 times | | ❑ -7 | Missing | |  |
| **herb\_obtain** | *Show if purchased dried flower in past 30 days*  Typically, how much cannabis in the form of: Dried flower/leaf did you buy or receive each time?  Amount of dried herb obtained each time, in grams, numeric.  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | | ❍ -11 | More than 1000g |   Note. One joint was converted to 0.33 grams. |  |
| **pay\_herb** | *Show if purchased dried flower in past 30 days*  How much did you pay for this amount?  Minimum: 0.0, Maximum: 1000.0  \_\_\_\_\_\_\_\_\_\_ Enter dollar amount   |  |  | | --- | --- | | ❑ -7 | Missing | | ❍ -11 | More than $1,000 | |  |
| **hash\_obtain** | *Show if purchased hashish/kief in past 30 days*  Typically, how much cannabis in the form of: hashish/kief did you buy or receive each time?  Amount of hashish/kief obtained each time, in grams, numeric.  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -10 | Less than ½ g |   ❍ -11 More than 1kg |  |
| **pay\_hash** | *Show if purchased hashish/kief in past 30 days*  How much did you pay for this amount?  Minimum: 0.0, Maximum: 1000.0  \_\_\_\_\_\_\_\_\_\_ Enter dollar amount   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than $1,000 | |  |
| **oil\_obtain** | *Show if purchased cannabis oil for oral use in past 30 days*  Typically, how much cannabis in the form of: cannabis oil for oral use did you buy or receive each time?  Amount of cannabis oil obtained each time, in mL, numeric.  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | | ❍ -11 | More than 120 mL |     Note. One capsule/softgel was converted to 0.16 mL. |  |
| **pay\_oil** | *Show if purchased cannabis oil for oral use in past 30 days*  How much did you pay for this amount?  Minimum: 0.0, Maximum: 1000.0  \_\_\_\_\_\_\_\_\_\_ Enter dollar amount   |  |  | | --- | --- | | ❑ -7 | Missing | | ❍ -11 | More than $1,000 | |  |
| **vape\_obtain** | *Show if purchased cannabis vape pens/cartridges in past 30 days*  Amount of vape oil obtained each time, in cartridges, numeric.  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | | ❍ -11 | More than 10 cartridges/pens | |  |
| **pay\_vape** | *Show if purchased cannabis vape pens/cartridges in past 30 days*  Typically, how much cannabis in the form of: vape pens/cartridges did you buy or receive each time?  How much did you pay for this amount?  Minimum: 0.0, Maximum: 1000.0  \_\_\_\_\_\_\_\_\_\_ Enter dollar amount   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than $1,000 | |  |
| **concen\_obtain** | *Show if purchased cannabis concentrate in past 30 days*  Typically, how much cannabis in the form of: concentrates/extracts (e.g., wax, shatter, budder, butane honey oil, rosin) did you buy or receive each time?  Amount of cannabis concentrate obtained each time, in grams, numeric.  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -10 | Less than ½ g | | ❍ -11 | More than 1 kg | |  |
| **pay\_concen** | *Show if purchased cannabis concentrate in past 30 days*  How much did you pay for this amount?  Minimum: 0.0, Maximum: 1000.0  \_\_\_\_\_\_\_\_\_\_ Enter dollar amount   |  |  | | --- | --- | | ❑ -7 | Missing | | ❍ -11 | More than $1,000 | |  |
| **edible\_obtain** | *Show if purchased cannabis edibles in past 30 days*  Typically, how much cannabis in the form of: cannabis edible food products did you buy or receive each time?  Amount of cannabis edibles obtained each time, in servings, numeric.  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing | | ❍ -11 | More than 50 servings | |  |
| **pay\_edible** | *Show if purchased cannabis edibles in past 30 days*  How much did you pay for this amount?  Minimum: 0.0, Maximum: 1000.0  \_\_\_\_\_\_\_\_\_\_ Enter dollar amount   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than $1,000 | |  |
| **bev\_obtain** | *Show if purchased cannabis beverages in past 30 days*  Typically, how much cannabis in the form of: cannabis beverages did you buy or receive each time?  Number of cannabis drinks obtained each time, in drinks, numeric.  [numeric]   |  |  | | --- | --- | | ❑ -7 | Missing |   ❑ -11 More than 12 drinks/packets  \*Note. It was assumed that 1 beverage=1packet. |  |
| **pay\_bev** | *Show if purchased cannabis beverages in past 30 days*  How much did you pay for this amount?  Minimum: 0.0, Maximum: 1000.0  \_\_\_\_\_\_\_\_\_\_ Enter dollar amount   |  |  | | --- | --- | | ❑ -7 | Missing | | ❑ -11 | More than $1,000 | |  |
| **school\_use**  *[revised in 2023 to remove ‘for non-medical purposes’]* | *Show if going to school and past 12-month cannabis user (school=1,2 AND past12mos = 1,2,3)*  In the **past 12 months**, how often did you use cannabis at **school/college/university** or within 2 hours before going to **school/college/university**?   |  |  | | --- | --- | | ❍ 1 | Rarely (less than one day per month) | | ❍ 2 | Sometimes (1 to 3 days per month) | | ❍ 3 | Often (weekly) | | ❍ 4 | Always or almost always (most days you attend school) | | ❍ 5 | Have not done this in the past 12 months | | ❑ -7 | Missing | |  |
| **work\_use**  *[revised in 2023 to remove ‘for non-medical purposes’]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  In the **past 12 months**, how often did you use cannabis at work (including breaks) or within 2 hours before going to **work**?   |  |  | | --- | --- | | ❍ 1 | Rarely (less than one day per month) | | ❍ 2 | Sometimes (1 to 3 days per month) | | ❍ 3 | Often (weekly) | | ❍ 4 | Always or almost always (most days you work) | | ❍ 5 | Have not done this in the past 12 months | | ❍ 6 | I have not been employed in the past 12 months *(Show if not employed last week)* | | ❑ -7 | Missing | |  |
| **hazard\_drive**  **hazard\_machine**  **hazard\_high**  **hazard\_substance**  **hazard\_sharps**  **hazard\_hot**  **hazard\_electric**  **hazard\_manual**  **hazard\_fly**  **hazard\_care**  *[variable added in 2019; revised in 2023 to add response option* **hazard\_care]** | *Show if used cannabis at work in past 12 months (work\_use=1,2,3,4)*  Does your job include any of the following hazardous or safety-sensitive tasks at least once a week?   |  |  | | --- | --- | | 1. | Driving a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) \* | | 2. | Operating or working in proximity to equipment, machinery, or tools \* | | 3. | Working from heights 2 metres or more above ground \* | | 4. | Working with or where hazardous substances are present (e.g., chemicals, flammable liquids, gases) \* | | 5. | Sharps work (e.g., needles, scalpels, scissors, knives) \* | | 6. | Working near hot objects and surfaces, open flames, or steam \* | | 7. | Electrical work that may be a source of electrical shock \* | | 8. | Manual handling of loads greater than 20kg \* | | 9. | Working where flying particles or falling objects could cause bodily injury \* | | 10. | Responsible for the care/wellbeing of others \* |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 0 | No | | ❑ -7 | Missing | |  |
| **home** | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  Do you currently have any cannabis or cannabis product in or around your home?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **home\_store\_lock**  **home\_store\_unlock**  *[variables added in 2023 to replace the variables:* **store\_childproof, store\_lockcont, store\_lockroom,**  **store\_cab, store\_fridge, store\_outbuild,** *and* **store\_outdoor***]* | *Show if have cannabis at home (home = 1)*  Where is the cannabis that is currently in or around your home being stored?  *Select all that apply*   |  |  |  | | --- | --- | --- | |  | ❑ 1 | In a container, room or building (e.g., shed/garage) that is **childproof, locked, or out of reach** (Incl. Other – Outbuilding) | |  | ❑ 2 | In an **unlocked** container, room, or building (Incl. Other – no children/I live alone, unless secure location specified) | |  |  |  | | ❍ 0 | | Unselected | | ❍ 1 | | Selected | | ❑ -7 | | Missing | |  |
| **home\_package**  *[variable added in 2023]* | *Show if have cannabis at home AND purchased from legal source (legal\_freq = 1,2,3,4 AND home = 1)*  When you buy cannabis from a **legal source**, how often do you keep it in the **original package**?   |  |  | | --- | --- | | ❍ 1 | Never | | ❍ 2 | Rarely | | ❍ 3 | Sometimes | | ❍ 4 | Often | | ❍ 5 | Always | | ❑ -7 | Missing | |  |
| **cannalc**  **canntob**  **cannecig**  **cannopi**  **cannstim**  **cannsed**  **cannhall**  *[revised in 2023 to remove ‘prescription vs illegal’ versions of stimulants and opioid response options; revised in 2024 to separate tobacco and e-cigarettes as separate response options]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  During the **past 12 months**, when you used cannabis, how often did you combine it with any of the following substances?  *"Combine" means mixed or consumed at the same time.*   |  |  | | --- | --- | | 1. | Alcohol | | 2.  3. | Tobacco  E-cigarette with nicotine | | 4. | Opioids (e.g., oxy, Dilaudid®, morphine, Demerol®, Tylenol #3®, heroin, fentanyl) | | 5. | Stimulants (e.g., Ritalin®, Adderall®, cocaine, methamphetamine, ecstasy/MDMA) | | 6. | Sedatives/tranquilizers (e.g., diazepam, lorazepam, Valium®, Ativan®, alprazolam, Xanax®, clonazepam, Rivotril®) | | 7. | Hallucinogens/dissociatives (e.g., LSD, magic mushrooms, ketamine, PCP) |  |  |  | | --- | --- | | ❍ 1 | Never | | ❍ 2 | Rarely | | ❍ 3 | Sometimes | | ❍ 4 | Often | | ❍ 5 | Always | | ❑ -7 | Missing | |  |
| **change\_alc**  **change\_tob**  **change\_ecig**  **change\_opi**  **change\_stim**  *[added in 2023 to replace* **change\_cann** *and remove cannabis from list of substances; modified in 2024 to separate tobacco and e-cigarettes as response options]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  Has **non-medical cannabis legalization** changed your consumption of the following:   |  |  | | --- | --- | | 1. | Alcohol | | 2.  3. | Tobacco  E-cigarette with nicotine | | 4. | Opioids | | 5. | Stimulants |  |  |  | | --- | --- | | ❍ 1 | Yes, I consume more | | ❍ 2 | Yes, I consume less | | ❍ 3 | No, I consume the same amount | | ❍ 4 | I do not use this substance | | ❑ -7 | Missing | |  |
| **med\_nhp\_dv**  **med\_sex\_dv**  **med\_psyc\_dv**  **med\_card\_dv**  **med\_auto\_dv**  **med\_gastro\_dv**  **med\_neuro\_dv**  **med\_meta\_dv**  **med\_homeo\_dv**  **med\_trad\_dv**  **med\_other\_dv**  **med\_none\_dv**  **med\_adhd\_dv**  *[variable added in 2023]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  During the **past 12 months**, did you take any of these medications or health products while using cannabis?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Vitamins or natural health products (e.g., prenatal vitamins, multivitamins, melatonin, St. John’s wort) | | ❑ 2 | Birth control or sexual/reproductive health medications (e.g., menopause, dysmenorrhea, endometriosis) (Incl. Other – hormone replacement therapy) | | ❑ 3 | Psychiatric medications (e.g., depression, anxiety, dementia, insomnia, psychoses) | | ❑ 4 | Heart disease medications (e.g., blood pressure, heart rate, cholesterol, blood thinners) | | ❑ 5 | **Prescription** allergy or auto-immune disorder medications (e.g., biologics, and immunosuppressants) | | ❑ 6 | Gastrointestinal medications (e.g., **prescriptions** for nausea, heartburn, irritable bowel syndrome) | | ❑ 7 | Neurological disorder medications (e.g., epilepsy, neuropathy, multiple sclerosis, Parkinson's) | | ❑ 8 | Metabolic disorder medications (e.g., diabetes, hypothyroidism, obesity, testosterone) | | ❑ 9 | Homeopathic medicines | | ❑ 10 | Traditional medicines (e.g., Indigenous or Chinese medicines) | | ❑ 11 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 12 | None of the above *(Exclusive)* | | ❑ 12 | Other – ADHD medication |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **driver\_smoke\_rev**  *[added in 2023 to replace* **driver\_smoke***]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  Have you driven a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) **within 2 hours of smoking or vapourizing** cannabis or a cannabis product?   |  |  | | --- | --- | | ❍ 1 | Yes, in the past 30 days | | ❍ 2 | Yes, in the past 12 months | | ❍ 3 | Yes, more than 12 months ago | | ❍ 4 | No | | ❑ -7 | Missing | |  |
| **driver\_smoke\_thc**  *[added in 2020]* | *Show if have driven after smoking cannabis (driver\_smoke\_rev = 1,2,3)*  What type of cannabis product was it?   |  |  | | --- | --- | | ❍ 1 | THC only | | ❍ 2 | CBD only | | ❍ 3 | THC predominant (i.e., but has a lower level of CBD) | | ❍ 4 | CBD predominant (i.e., but has a lower level of THC) | | ❍ 5 | Equal levels of THC and CBD | | ❍ 6 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **driver\_edible\_rev**  *[added in 2023 to replace* **driver\_edible***]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  Have you driven a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) **within 4 hours of ingesting** a cannabis product (e.g., cannabis food/beverages, capsules)?   |  |  | | --- | --- | | ❍ 1 | Yes, in the past 30 days | | ❍ 2 | Yes, in the past 12 months | | ❍ 3 | Yes, more than 12 months ago | | ❍ 4 | No | | ❑ -7 | Missing | |  |
| **driver\_edible\_thc**  *[added in 2020]* | *Show if have driven after edibles (driver\_edible\_rev= 1,2,3)*  What type of cannabis product was it?   |  |  | | --- | --- | | ❍ 1 | THC only | | ❍ 2 | CBD only | | ❍ 3 | THC predominant (i.e., but has a lower level of CBD) | | ❍ 4 | CBD predominant (i.e., but has a lower level of THC) | | ❍ 5 | Equal levels of THC and CBD | | ❍ 6 | Don't know/Not sure | | ❑ -7 | Missing | |  |
| **can\_drive\_life**  **derived variable** | Drove within 2 hours of smoking/vaping or 4 hours of ingesting cannabis in **lifetime**.  ❍ 1 Yes  ❍ 0 No  ❑ -7 Missing |  |
| **candrive12m**  **derived variable** | Drove within 2 hours of smoking/vaping or 4 hours of ingesting cannabis in **past 12 months**.  ❍ 0 No  ❍ 1 Yes  ❑ -7 Missing |  |
| **driver\_alc\_rev**  *[revised in 2023 to remove ‘for non-medical purposes’]* | *Show if have driven after smoking cannabis or edibles (driver\_smoke\_rev=1,2,3 OR driver\_edible\_rev=1,2,3)*  Have you driven a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) within 2 hours of using cannabis **in combination with alcohol**?   |  |  | | --- | --- | | ❍ 1 | Yes, in the past 30 days | | ❍ 2 | Yes, in the past 12 months | | ❍ 3 | Yes, more than 12 months ago | | ❍ 4 | No | | ❑ -7 | Missing | |  |
| **driver\_drug\_rev**  *[revised in 2023 to remove ‘for non-medical purposes’ and added ‘intoxicating’]* | *Show if have driven after smoking cannabis or edibles (driver\_smoke\_rev=1,2,3 OR driver\_edible\_rev=1,2,3)*  Have you driven a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) within 2 hours of using cannabis **in combination with another intoxicating drug** other than alcohol or tobacco?   |  |  | | --- | --- | | ❍ 1 | Yes, in the past 30 days | | ❍ 2 | Yes, in the past 12 months | | ❍ 3 | Yes, more than 12 months ago | | ❍ 4 | No | | ❑ -7 | Missing | |  |
| **law\_driver**  **law\_possess**  **law\_none**  *[revised in 2023 to change format to ‘select all that apply’ and remove ‘non-medical purposes’]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  In the **past 12 months**, have you been stopped by police/law enforcement for the following?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Driving after using cannabis | | ❑ 2 | Possession of cannabis | | ❑ 3 | None of the above *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **impact\_social**  **impact\_health**  **impact\_mental**  **impact\_home**  **impact\_work**  **impact\_life**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  During the **past 12 months**, what type of effect did your cannabis use have on your:   |  |  | | --- | --- | | 1. | Friendships or social life \* | | 2. | Physical health \* | | 3. | Mental health \* | | 4. | Home life or marriage \* | | 5. | Performance at work or school \* | | 6. | Quality of life \* |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 1 | Very beneficial | | ❍ 2 | Somewhat beneficial | | ❍ 3 | No effect | | ❍ 4 | Somewhat harmful | | ❍ 5 | Very harmful | | ❑ -7 | Missing | |  |
| **assist2**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  During the **past 3 months**, how often did you use cannabis?   |  |  | | --- | --- | | ❍ 1 | Never *(Show if NOT non-medical cannabis user past 30 days)* | | ❍ 2 | Once or twice | | ❍ 3 | Monthly | | ❍ 4 | Weekly | | ❍ 5 | Daily or almost daily | | ❑ -7 | Missing | |  |
| **assist3**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if past 3-month cannabis user (assist2 = 2,3,4,5)*  During the **past 3 months**, how often have you had a strong desire or urge to use cannabis?   |  |  | | --- | --- | | ❍ 1 | Never | | ❍ 2 | Once or twice | | ❍ 3 | Monthly | | ❍ 4 | Weekly | | ❍ 5 | Daily or almost daily | | ❑ -7 | Missing | |  |
| **assist4**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if past 3-month cannabis user (assist2 = 2,3,4,5)*  During the **past 3 months**, how often has your use of cannabis led to health, social, legal or financial problems?   |  |  | | --- | --- | | ❍ 1 | Never | | ❍ 2 | Once or twice | | ❍ 3 | Monthly | | ❍ 4 | Weekly | | ❍ 5 | Daily or almost daily | | ❑ -7 | Missing | |  |
| **assist5**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if past 3-month cannabis user (assist2 = 2,3,4,5)*  During the **past 3 months**, how often have you failed to do what was normally expected of you because of your use of cannabis?   |  |  | | --- | --- | | ❍ 1 | Never | | ❍ 2 | Once or twice | | ❍ 3 | Monthly | | ❍ 4 | Weekly | | ❍ 5 | Daily or almost daily | | ❑ -7 | Missing | |  |
| **assist6**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if past 3-month cannabis user (assist2 = 2,3,4,5)*  Has a friend or relative or anyone else ever expressed concern about your use of cannabis?   |  |  | | --- | --- | | ❍ 1 | No, never | | ❍ 2 | Yes, in the past 3 months | | ❍ 3 | Yes, but not in the past 3 months | | ❑ -7 | Missing | |  |
| **assist7**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if past 3-month cannabis user (assist2 = 2,3,4,5)*  Have you ever tried and failed to control, cut down or stop using cannabis?   |  |  | | --- | --- | | ❍ 1 | No, never | | ❍ 2 | Yes, in the past 3 months | | ❍ 3 | Yes, but not in the past 3 months | | ❑ -7 | Missing | |  |
| **assist\_detail\_health**  **assist\_detail\_social**  **assist\_detail\_legal**  **assist\_detail\_money**  *[variable added in 2024]* | *Show if cannabis use led to problems (assist4 = 2,3,4,5)*  You indicated that your use of cannabis led to health, social, legal or financial problems at least once in the past 3 months. Which of the following did you have problems with:  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Health problems | | ❑ 2 | Social problems | | ❑ 3 | Legal problems | | ❑ 4 | Financial problems |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **assist\_score**  derived variable | Total ASSIST score (sum of assist1\_recoded to assist7\_recoded\*)  [numeric; min: 0, max: 39]   |  |  | | --- | --- | | ❑ -7 | Missing |   \*assist1\_recoded to assist7\_recoded are recoded assist variables based on WHO scoring guidelines. Not included in PUMF |  |
| **assist\_groups**  derived variable | *Recode of assist\_score*  ASSIST score based on WHO need for intervention  ❍ 1 No intervention needed (0-3)  ❍ 2 Brief intervention needed (4-26)  ❍ 3 Intensive intervention needed (27+)  ❑ -7 Missing |  |
| **help\_need**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if used cannabis more than once in lifetime (ever\_use = 2)*  During your lifetime, did you feel that you needed professional help (such as treatment or counseling) for your use of cannabis?   |  |  | | --- | --- | | ❍ 1 | No, never | | ❍ 2 | Yes, in the past 12 months | | ❍ 3 | Yes, but not in the past 12 months | | ❑ -7 | Missing | |  |
| **help\_receive**  *[revised in 2023 to remove ‘non-medical purposes’]* | *Show if used cannabis more than once in lifetime (ever\_use = 2)*  Have you ever received professional help (such as treatment or counseling) for your use of cannabis?   |  |  | | --- | --- | | ❍ 1 | No, never | | ❍ 2 | Yes, in the past 12 months | | ❍ 3 | Yes, but not in the past 12 months | | ❑ -7 | Missing | |  |
| **help\_where\_doc\_dv**  **help\_where\_clinic\_dv**  **help\_where\_rehab\_dv**  **help\_where\_psych\_dv**  **help\_where\_other\_dv**  *[variable added in 2024]* | *Show if received professional help for cannabis use (help\_receive = 2 or 3)*  You indicated you had received professional help for your cannabis use, where did you receive this help?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Doctor’s office | | ❑ 2 | Hospital, health care clinic or addiction medicine clinic | | ❑ 3 | Private rehab/counselling centre | | ❑ 4 | Psychologist or psychiatrist in private practice | | ❑ 5 | Other: Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |  |
| **birth**  *[revised wording in 2023]* | *Show if female AND aged 16 to 50 years old (sex=2 AND age\_num=16 to 50)*  Have you given birth during the past 5 years?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 0 | No | | ❑ -8 | Prefer not to say | | |
| **preg\_use** | *Show if gave birth in past 5 years AND ever used cannabis (birth=1 AND ever\_use=1,2)*  After you learned that you were pregnant with your last child, did you use cannabis during the pregnancy?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 0 | No | | ❑ -8 | Prefer not to say | | |
| **breastmilk** | *Show if gave birth in past 5 years (birth=1)*  Was your last child breastfed or given your breast milk even for a short time?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 0 | No | | ❑ -8 | Prefer not to say | | |
| **breast\_use** | *Show if last child was breastfed AND ever used cannabis*  While you were breastfeeding your last child, did you use cannabis?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 0 | No | | ❑ -8 | Prefer not to say | | |
| **ar\_nausea\_dv**  **ar\_heart\_dv**  **ar\_faint\_dv**  **ar\_panic\_dv**  **ar\_halluc\_dv**  **ar\_diss\_dv**  **ar\_breath\_dv**  **ar\_aller\_dv**  **ar\_confus\_dv**  **ar\_behav\_dv**  **ar\_chest\_dv**  **ar\_coord\_dv**  **ar\_head\_dv**  **ar\_diarr\_dv**  **ar\_seizure\_dv**  **ar\_drowsy\_dv**  **ar\_muscle\_dv**  **ar\_other\_dv**  **ar\_none\_dv**  *[variable added in 2023]* | *Show if past 12-month cannabis user (past12mos = 1,2,3)*  In the **past 12 months**, have you experienced any **adverse or negative health effect(s)** from cannabis use?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Nausea and/or vomiting | | ❑ 2 | Heart or blood pressure problems | | ❑ 3 | Feeling faint/passing out/loss of consciousness | | ❑ 4 | Anxiety/panic attack/rapid heartbeat | | ❑ 5 | Hallucinations/psychosis/flashbacks | | ❑ 6 | Dissociation/depersonalization (feeling detached or disconnected from yourself) | | ❑ 7 | Slowed breathing/lung problems | | ❑ 8 | Allergic reaction/hypersensitivity/anaphylaxis/rash | | ❑ 9 | Confusion/disorientation | | ❑ 10 | Unusual behaviour (e.g., agitation, slurred speech) | | ❑ 11 | Chest pain/chest discomfort | | ❑ 12 | Loss of coordination/unsteadiness/vertigo | | ❑ 13 | Headache | | ❑ 14 | Diarrhea | | ❑ 15 | Seizure | | ❑ 16 | Drowsiness/lethargy | | ❑ 17 | Muscle weakness | | ❑ 18 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 19 | None of the above *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | | |
| **ar1\_herb\_dv**  **ar1\_hash\_dv**  **ar1\_oil\_dv**  **ar1\_vape\_dv**  **ar1\_concen\_dv**  **ar1\_edible\_dv**  **ar1\_beverage\_dv**  **ar1\_topical\_dv**  **ar1\_other\_dv**  *[variable added in 2023]* | *Show if experienced adverse reaction (anything selected in ar\_ series except ar\_none\_dv)*  When you experienced the adverse or negative health effect(s), **what type or form of cannabis were you using**?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Dried flower/leaf | | ❑ 2 | Hashish/kief | | ❑ 3 | Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle, tinctures | | ❑ 4 | Cannabis vape pens/cartridges | | ❑ 5 | Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil/rosin | | ❑ 6 | Cannabis edible food products – e.g., chocolate, baked goods, soft chews | | ❑ 7 | Cannabis beverages – e.g., sparkling water, tea, soft drinks, dissolvable powder | | ❑ 8 | Topicals – e.g., lotion/cream, ointment, bath products, patches | | ❑ 9 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | | |
| **adverse\_legal**  *[variable added in 2023]* | *Show if experienced adverse reaction (anything selected in ar\_ series except ar\_none\_dv)*  Was the cannabis that caused the adverse or negative health effect(s) purchased from a **legal** source?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Don't know | | ❑ -7 | Missing | | |
| **ar2\_ed\_dv**  **ar2\_pc\_dv**  **ar2\_doctor\_dv**  **ar2\_walkin\_dv**  **ar2\_telehelp\_dv**  **ar2\_addict\_dv**  **ar2\_other\_dv**  **ar2\_none\_dv**  *[variable added in 2023]* | *Show if experienced adverse reaction (anything selected in ar\_ series except ar\_none\_dv)*  When you experienced the adverse or negative health effects, did you seek help at any of these places?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Emergency department | | ❑ 2 | Poison centre | | ❑ 3 | Doctor or other health professional | | ❑ 4 | Walk-in clinic | | ❑ 5 | Telephone health service/helpline | | ❑ 6 | Addiction support services | | ❑ 7 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 8 | None of the above *(Exclusive)* |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | | |
| **aware\_ar**  *[variable added in 2023]* | Are you aware that you can report adverse health or side effect(s) from cannabis use on a Health Canada website?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 0 | No | | ❑ -7 | Missing | | |
| **report\_ar**  *[variable added in 2023]* | *Show if experienced adverse reaction AND aware you can report an adverse reaction (anything selected in ar\_ series except ar\_none\_dv AND aware\_ar=1)*  Have you ever used a Health Canada website to report an adverse health or side effect(s) from cannabis use?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 0 | No | | ❑ -7 | Missing | | |
| **report\_ar\_mild**  **report\_ar\_where**  **report\_ar\_unclear**  **report\_ar\_long**  **report\_ar\_privacy**  **report\_ar\_none**  **report\_ar\_expect\_dv**  **report\_ar\_other\_dv**  **[variable added in 2024]** | *Show if did not report the adverse reaction (report\_ar=2)*  Why did you not report the adverse health or side effect(s) to Health Canada?  Select all that apply   |  |  | | --- | --- | | ❑ 1 | Didn’t think it was serious enough to report | | ❑ 2 | Didn’t know where to report | | ❑ 3 | The report form is too hard to understand | | ❑ 4 | The report form takes too long to complete | | ❑ 5 | Didn’t want to report due to privacy concerns | | ❑ 6 | Other: Please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 7 | Other—It was an expected side effect of cannabis use |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **med\_access\_freq**  *[variable added in 2023]* | *Show if respondent has a medical document (med\_doc = 1)*  You told us you have a medical document authorizing your use of cannabis for medical purposes.  How often do you access **cannabis for medical purposes** through Health Canada or a licensed medical seller?   |  |  | | --- | --- | | ❍ 1 | Always | | ❍ 2 | Mostly | | ❍ 3 | Sometimes | | ❍ 4 | Rarely | | ❍ 5 | Never | | ❑ -7 | Missing | |
| **med\_ins** | *Show if past 12-month medical cannabis user (past12mos = 2,3)*  Are you currently covered by insurance for cannabis for **medical** purposes?   |  |  | | --- | --- | | ❍ 1 | Yes, fully covered | | ❍ 2 | Yes, partially covered | | ❍ 3 | No | | ❑ -7 | Missing | |
| **use\_freq\_med** | *Show if past 12-month medical cannabis user (past12mos = 2,3)*  In the **past 12 months**, how often did you typically use cannabis for **medical** purposes?   |  |  | | --- | --- | | ❍ 1 | Less than 1 day per month | | ❍ 2 | 1 day per month | | ❍ 3 | 2 or 3 days per month | | ❍ 4 | 1 or 2 day(s) per week | | ❍ 5 | 3 or 4 days per week | | ❍ 6 | 5 or 6 days per week | | ❍ 7 | Daily | | ❑ -7 | Missing | |
| **symp\_sleep\_dv**  **symp\_anxiety\_dv**  **symp\_depression\_dv**  **symp\_arthritis\_dv**  **symp\_headache\_dv**  **symp\_acutepain\_dv**  **symp\_chronicpain\_dv**  **symp\_ptsd\_dv**  **symp\_gastro\_dv**  **symp\_adhd\_dv**  **symp\_spasms\_dv**  **symp\_nausea\_dv**  **symp\_weightloss\_dv**  **symp\_seizure\_dv**  **symp\_diabetes\_dv**  **symp\_ms\_dv**  **symp\_cancer\_dv**  **symp\_opiwithdrawal\_dv**  **symp\_schizo\_dv**  **symp\_bipolar\_dv**  **symp\_othersymp\_dv**  **symp\_other\_pain\_dv**  *[added in 2023 to replace two questions on medical use for diseases/disorders and symptoms]* | *Show if past 12-month medical cannabis user (past12mos = 2,3)*  For which of the following symptoms, diseases, or disorders do you use cannabis for **medical** purposes for?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Problems sleeping or insomnia \* | | ❑ 2 | Anxiety \* (Incl. Other – OCD) | | ❑ 3 | Depression \* | | ❑ 4 | Arthritis \* (Incl. Other – joint pain) | | ❑ 5 | Headaches or migraines \* | | ❑ 6 | Acute pain (severe or sudden pain that resolves within a certain amount of time) \* | | ❑ 7 | Chronic pain (persistent pain that lasts for several months or longer) \* | | ❑ 8 | Post-Traumatic Stress Disorder (PTSD) \* | | ❑ 9 | Gastrointestinal issues (including irritable bowel syndrome, inflammatory bowel disease, Crohn’s, colitis) \* | | ❑ 10 | Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD) \* | | ❑ 11 | Muscle spasms \* | | ❑ 12 | Nausea or vomiting \* | | ❑ 13 | Lack of appetite, wasting/weight loss or eating disorder \* | | ❑ 14 | Seizures or epilepsy \* | | ❑ 15 | Diabetes \* | | ❑ 16 | Multiple sclerosis, Amyotrophic Sclerosis (ALS) or spinal cord injury \* | | ❑ 17 | To treat cancer/tumours \* | | ❑ 18 | Opioid withdrawal symptoms \* | | ❑ 19 | Schizophrenia or psychosis \* | | ❑ 20 | Bipolar disorder, mania, or a personality disorder \* | | ❑ 21 | Other, please specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 22 | Other – other type of pain | |  |  |   *Levels marked with \* are randomized*   |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |
| **med\_reduc** | *Show if past 12-month medical cannabis user (past12mos = 2,3)*  Has your use of cannabis for **medical** purposes allowed you to decrease your use of any other medications?   |  |  | | --- | --- | | ❍ 1 | Yes | | ❍ 2 | No | | ❍ 3 | Not applicable | | ❑ -7 | Missing | |
| **pain\_opi\_dv**  **pain\_nonopi\_dv**  **anti\_inflam\_dv**  **sedative\_dv**  **anti\_depress\_dv**  **stimulant\_dv**  **anti\_convuls\_dv**  **othermed\_dv**  **med\_reduc\_sleep\_dv** | *Show if reduced medication use (med\_reduc = 1)*  Which medication(s) have you been able to **reduce** your use of since starting to use cannabis for **medical** purposes?  *Select all that apply*   |  |  | | --- | --- | | ❑ 1 | Pain relievers – Opioid (e.g., oxy, Dilaudid®, morphine, Demerol®, Tylenol #3®) | | ❑ 2 | Pain relievers – Non-opioid (e.g., acetaminophen, Tylenol®) | | ❑ 3 | Anti-inflammatories (e.g., ibuprofen, Motrin®, Advil®, prednisone, cortisone) | | ❑ 4 | Sedatives/tranquilizers (e.g., diazepam, lorazepam, Valium®, Ativan®, alprazolam, Xanax®, clonazepam, Rivotril®) | | ❑ 5 | Anti-depressants (e.g., Prozac®, Paxil®, Effexor®, Wellbutrin®) | | ❑ 6 | Stimulants (e.g., Ritalin®, Concerta®, Adderall®, Dexedrine®) | | ❑ 7 | Anti-convulsants (e.g., valproate, carbamazepine, Dilantin®, lamotrigine, divalproex) | | ❑ 8 | Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | ❑ 9 | Other – sleep medication |  |  |  | | --- | --- | | ❍ 0 | Unselected | | ❍ 1 | Selected | | ❑ -7 | Missing | |