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## **The Canadian Cannabis Survey 2020**

### **Methodological Report**

#### **Prepared for Health Canada**

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**Ce rapport est aussi disponible en Français.**

Canada 

# The Canadian Cannabis Survey 2020

## Methodological Report

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Supplier name: Advanis Inc.

June 2020

This public opinion research report presents the results of an online survey conducted by Advanis Inc. on behalf of Health Canada. The research was conducted with 10,930 Canadians between April 30<sup>th</sup> and June 22<sup>nd</sup>, 2020.

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# 1.0 Background and Objectives

## 1.1 Background

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Use of cannabis is common in Canada. In 2017, Health Canada's Canadian Tobacco, Alcohol and Drugs Survey (CTADS) found that 15% of respondents 15 years of age and older reported using cannabis in the past year, with males reporting use more often than females. Canadians 15 to 24 years old were significantly more likely to use cannabis in the past 12 months than those 25 years of age and older. Use is also common in students, with 18% of students in grades 7 to 12 reporting past year use in the 2018-2019 Canadian Student Tobacco, Alcohol and Drugs Survey (CSTADS). International data for cannabis from 2017 shows the United States had a lifetime prevalence rate of 45.2%<sup>1</sup>, while Canada had a similar prevalence rate of 46.6%<sup>2</sup>. Prevalence rates for past year cannabis use were highest in North America (13.8%) when compared to other regions (Oceania (10.9%); Africa (6.4%); Europe (5.4%); Asia (1.8%)) around the world<sup>3</sup>.

In the 2015 Speech from the Throne, the Government of Canada committed to legalizing, regulating, and restricting access to marijuana. In 2016, the Government's Task Force on Marijuana Legalization and Regulation issued a discussion paper entitled "Toward the legalization, regulation and restriction of access to marijuana" that initiated wider consultations and dialogue regarding its intention in this area (see: <http://healthycanadians.gc.ca/health-system-systeme-sante/consultations/legalization-marijuana-legalisation/alt/legalization-marijuana-legalisation-eng.pdf> for more information). In 2017, Bill C-45, an Act respecting cannabis and to amend the Controlled Drugs and Substances Act, the Criminal Code and other Acts, was introduced in the House of Commons. Implementation of the new Cannabis Act occurred in October 2018, creating a regulated legal market for non-medical cannabis for adults in Canada.

The legalization and regulation of cannabis in Canada has also prompted a policy and scientific requirement to collect new comprehensive data on the subject of cannabis use and non-use, including indicators in the areas of health, public safety, and markets. New

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<sup>1</sup> United States Department of Health and Human Services. Substance Abuse and Mental Health Services Administration. National Survey on Drug Use and Health, 2017. Available from <https://www.drugabuse.gov/national-survey-drug-use-health>. Accessed December 12, 2019.

<sup>2</sup> Health Canada. Canadian Tobacco, Alcohol and Drugs Survey: detailed tables for 2017. Available from <https://www.canada.ca/en/health-canada/services/canadian-tobacco-alcohol-drugs-survey/2017-summary/2017-detailed-tables.html#t13>. Accessed December 12, 2019. The CTADS is conducted on a biennial basis.

<sup>3</sup> United Nations Office on Drugs and Crime, World Drug Report 2019: annual prevalence of the drugs by region and globally. Available from [https://data.unodc.org/drugs/prevalence\\_regional-2017](https://data.unodc.org/drugs/prevalence_regional-2017). Accessed December 12, 2019.

research on cannabis use is helping the government better evaluate the possible impacts associated with its legalization, regulation, and restriction. In May and June 2016, Health Canada conducted the *Baseline Survey on Awareness, Knowledge and Behaviour Associated with Recreational Use of Marijuana* (administered by Ekos Research Associates). This study examined knowledge, perceived acceptability and health risks, patterns of recreational use, and information-seeking behaviours. This study found that 58% of respondents reported cannabis use in their lifetime and 22% reported use in the past 12 months. Among those who did not report use in the past 12 months, 85% felt they were unlikely to use cannabis once it becomes legal.

The Canadian Cannabis Survey was first conducted in 2017. It examined, in more depth, 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. The 2018 Canadian Cannabis Survey aimed to gather additional data, such as changes to willingness to publicly report cannabis use since legalization; exposure to education campaigns, public health or safety messages; respondents' usual source of cannabis products since the Cannabis Act came into effect; and relative levels of THC and CBD typically used. In 2019, Health Canada conducted the third cycle of the Canadian Cannabis Survey (CCS). It was in the field from April 4, 2019 to June 17, 2019 and collected data from approximately 12,000 people 16 years of age and older. Of the responses that were received, 3,968 responses were from people who indicated that they had used cannabis in the past 12 months for either non-medical or medical purposes. In 2020, as in previous cycles, all respondents were asked questions regarding cannabis use and non-use in Canada; patterns of use (e.g., age of initiation, frequency of use, quantities and products used); public concerns related to cannabis (including problematic use and drug-impaired driving); perception of risk and normalization; and use of cannabis for medical purposes and reasons for this use. In addition, the 2020 Canadian Cannabis Survey collected additional information on cultivation of cannabis plants in/around the home, impacts of the COVID-19 pandemic on cannabis use and relative levels of THC and CBD in each of the cannabis products used.

## 1.2 Objectives of the survey

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The *2020 Canadian Cannabis Survey* aimed to gather additional information to track changes in data collected from the 2017, 2018 and 2019 surveys, more specifically patterns of use, such as the quantities used; sources and pricing; and issues of public safety, such as impaired driving.

In conducting this research, Health Canada's objective was to collect information on the following:

- Cannabis use and non-use in Canada;
- Patterns of use (e.g. age of initiation, frequency of use, quantities, and products used);
- Public concerns related to cannabis, including problematic use and drug-impaired driving;
- Perception of risk and normalization;
- Use of cannabis for medical purposes and the reasons for this use.

### 1.3 Total expenditure

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The total cost of this research was \$249,730.00 including HST.

## 2.0 Sampling

### 2.1 The general approach

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The approach used was a two-step recruitment process where respondents were first recruited by telephone (both landline and mobile) using a short battery of screener questions approved by Health Canada, and consistent with the 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 were in service. The distribution of phone numbers was approximately 95 percent mobile phones and 5 percent 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 two major reasons; first, they use their parents' landline and we have difficulty reaching them; second, if they have left their parents' house, they most likely use a cell phone rather than a landline.

In total, we called 131,660 phone numbers, and 21,355 people agreed to participate in the survey. Of these calls, 12 percent were conducted in French and 88 percent were conducted in English. The response rate calculation is presented in Appendix A. It should

be noted that data collection for 2020 was conducted during the COVID-19 pandemic at a time when most of the country was shut down. Although refusals were greater than in 2019, the willingness to answer the phone was higher, and as such we contacted approximately 100,000 less phone numbers in 2020 compared to 2019, achieving a response rate of 19.0%.

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, 92 percent were recruited via SMS, and 8 percent were recruited by email. Of those recruited to the online survey by SMS, 50.2% completed the online survey. Among those sent an email invitation, the completion rate of the online survey was 62.7% percent.

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 dialled by someone in the call centre, the calling record was automatically displayed to an interviewer.

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, Advanis also conducted telephone reminders at least 3 days after the last reminder to confirm the invite had been received, and to correct email addresses if necessary. During these calls (only made once), voicemail messages were left reminding the respondents that the survey was still open, and a final invitation was triggered automatically.

The average survey length for those who used cannabis in the past 12 months was 25 minutes, and it was 12 minutes on average for those who did not use cannabis in the past 12 months. We need to keep in mind that, 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 over 2 minutes.

## 2.2 The pretest and field dates

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The pretest was conducted from April 30<sup>th</sup>, 2020 to May 1<sup>st</sup>, 2020 in both English and French. During this pretest, we recruited 164 people by phone, 64 in English and 100 in French. This translated into 27 completed online surveys, 16 English and 11 French. The validation of the data was completed the morning of May 4<sup>th</sup>. 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. In reviewing the pretest data, it was recalled that, in the 2019 cycle, Health Canada had requested that questions without an opt-out option be voluntary for respondents to answer. This change was implemented again prior to the full launch for consistency. The data collection period was from April 30<sup>th</sup> to June 22<sup>nd</sup>, 2020.

## 2.3 Quality control

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### 2.3.1 - Quality Control in Survey Programming

Advanis utilizes technology to maximize quality control in survey programming. Having developed a proprietary survey engine tool, Advanis professionals are able to design and program a survey in a browser-based environment, eliminating the need to involve a programmer who is less familiar with the survey subject matter. Below are the steps followed to ensure the quality of the survey:

- The survey was thoroughly pretested by Advanis' project team members, as well as by non-team members (non-team members provide "fresh eyes").
- The online survey was tested by representatives at Health Canada (and their designated testers). This allowed Health Canada to ensure skip patterns and survey questions were correctly programmed.

### 2.3.2 - CATI Methodology and Quality Control

The CATI recruit script was programmed on Advanis' proprietary CATI platform with no unforeseen challenges. Advanis was able to leverage its experience with the survey programming and the reminder process to achieve high quality standards.

Advanis implemented the following to ensure the highest quality data collection:

- Trained the interviewers to best understand the study's objectives and to ensure that they were able to pronounce and understand the survey wording;



- Detailed call records were kept by the automated CATI system, and were supplemented by output files to SPSS for productivity analysis (i.e., not subject to human error);
- Screening scripts contained a description of the importance of the research and the importance of respondent participation, serving as a motivator for respondents;
- The recruit scripts were pretested for best possible flow;
- Briefing was done on an ongoing basis to ensure that all interviewers are up to date on current information regarding the project;
- Our average interviewer employment tenure is very high compared to industry standards, resulting in a team of interviewers who are more experienced and knowledgeable regarding the target audience;
- Advanis' Quality Assurance team listened to the actual recordings of ten percent of completed surveys, and compared the responses to those entered by the interviewer, to ensure that responses were properly recorded. This is in addition to the live monitoring done by field supervisors.
- Team Supervisors conduct regular, more formal evaluations with each interviewer, in addition to nightly monitoring of each interviewer on their team.

To ensure high interview quality, our interviewers are trained to use various interviewing techniques. As well as maintaining a professional attitude, our interviewers must also be convincing, read word-for-word, take notes, probe deeper on semi-open and open questions, systematically confirm the information provided and listen to the respondent.

### **2.3.3 - Web Methodology and Quality Control**

All Advanis Web surveys are hosted internally by Advanis, and we employ a rigorous and stringent set of data collection control mechanisms to ensure the highest quality for the data collected, including:

- Respondents have a unique access code to ensure that only that participant can complete the online survey.
- Extensive internal logic checks are programmed directly into the survey to ensure logical responses.
- Web surveys are implemented using Advanis' proprietary software (which is designed to handle complicated survey formats).
- Advanis administered a detailed internal test and an external pretest to ensure that the survey instrument was working as planned.
- We tested the questionnaire in multiple browsers and provided Health Canada with a link so they could do internal testing.

#### **2.3.4 - Quality Control in Data Handling and Reporting**

For all of the data collected, Advanis develops rules to check the validity of the data. These rules include items such as:

- Time taken to complete the survey (those who completed the survey too quickly are removed)
- Data consistency check (respondents who answered multiple questions in inconsistent ways are removed)
- Straight-lining tables of responses (checks against respondents who provide the same response to every table)
- And, rigorous checks are completed to ensure the data is accurate and error-free according to the questionnaire logic (skip patterns).

Advanis staff have used the SPSS Statistics Software for over 20 years and are very proficient users of the software. All data cleaning performed on projects are outlined in syntax files with intermediate data files saved throughout the process. This ensures that the original raw data file is never overwritten, and that if an error is discovered in our code, we can quickly and easily rerun the syntax to produce a new data file. Individuals developing code incorporate internal checks in their code (e.g., crosstabs) to ensure the syntax had the desired effect. In addition, all syntax is reviewed by another team member or technical specialist for accuracy.

## 2.4 Sampling plan and data collection

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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. The expected incidence of cannabis use in the past 12 months in the general population is 15%, 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.

The sample consisted of a core sample of 10,000 Canadians aged 16 and older (those who use cannabis and those who do not). In the end, we gathered 10,930 responses (9,256 in English and 1,674 in French) in order to reach all of our quotas. Table 1 presents the results for the entire data collection versus the quota for the base sample.

Table 1: The Targets and Results

Region	Minimum Sample Size	Target Sample Size	Results
NL	400	400	412
PEI	400	400	440
NS	400	400	474
NB	400	400	433
QC	1,900	1,900	2,124
ON	2,800	2,900	3,002
MB	400	400	516
SK	400	400	443
AB	1,100	1,200	1,385
BC	1,300	1,400	1,496
Territories	180	200	205
Total	---	10,000	10,930
<b>Age</b>			
16 to 19 years	500	800	867
20 to 24 years	800	1,000	1,814
25 years and older	7,000	8,200	8,249
<b>Sex</b>			
Male	3,800	5,000	5,287
Female	3,800	5,000	5,535
Missing	---	---	108

## 3.0 Weighting

### 3.1 The weighting approach

Overall, 10,930 web interviews were conducted during data collection. The weighting of the final file was based on three variables: region, age, and sex at birth. For the 108 people who were missing a response for both sex at birth and gender, no weights were attributed. This is consistent with what was done in 2019. The cases where a weight could not be attributed were excluded from national estimates but remain in the data set. The population sizes are based on the latest Statistics Canada census results published in the 2016 Census. Since the value for the 16 to 19 age category was not available (only 15 to 19 is provided), we reduced the 15 to 19 year category by 1/5 of the size to reflect the best estimate of the number of 16 to 19 year olds. See section 4.2 for guidelines on the limitation of analysis with the weights.

**Table 3: The weights**

Key	Region	Sex	Age	Weight
1M1	AB	Male	16 to 19	1498.4242
1M2	AB	Male	20 to 24	1252.2430
1M3	AB	Male	25 to 29	2035.2597
1M4	AB	Male	30 to 34	3285.2941
1M5	AB	Male	35 to 39	2518.8525
1M6	AB	Male	40 to 44	2969.7917
1M7	AB	Male	45 to 49	1997.8676
1M8	AB	Male	50 to 54	3468.4146
1M9	AB	Male	55 to 59	2614.4340
1M10	AB	Male	60 plus	3557.9897
1F1	AB	Female	16 to 19	1258.4865
1F2	AB	Female	20 to 24	1704.6000
1F3	AB	Female	25 to 29	3352.7174
1F4	AB	Female	30 to 34	3011.3636
1F5	AB	Female	35 to 39	2266.4925
1F6	AB	Female	40 to 44	2236.4516
1F7	AB	Female	45 to 49	1958.5294
1F8	AB	Female	50 to 54	3383.3333
1F9	AB	Female	55 to 59	1826.2667
1F10	AB	Female	60 plus	2783.3577
2M1	BC	Male	16 to 19	1900.0000

Key	Region	Sex	Age	Weight
2M2	BC	Male	20 to 24	1126.8321
2M3	BC	Male	25 to 29	2332.1538
2M4	BC	Male	30 to 34	3370.2174
2M5	BC	Male	35 to 39	2466.6379
2M6	BC	Male	40 to 44	2365.5000
2M7	BC	Male	45 to 49	2725.0000
2M8	BC	Male	50 to 54	3072.5893
2M9	BC	Male	55 to 59	2717.6190
2M10	BC	Male	60 plus	4029.2336
2F1	BC	Female	16 to 19	1832.4364
2F2	BC	Female	20 to 24	1345.6250
2F3	BC	Female	25 to 29	2194.3478
2F4	BC	Female	30 to 34	2939.0741
2F5	BC	Female	35 to 39	2551.2712
2F6	BC	Female	40 to 44	2469.5161
2F7	BC	Female	45 to 49	2609.9219
2F8	BC	Female	50 to 54	2988.6066
2F9	BC	Female	55 to 59	2783.6364
2F10	BC	Female	60 plus	4032.9221
3M1	MB	Male	16 to 19	3404.0000
3M2	MB	Male	20 to 24	1434.3548
3M3	MB	Male	25 to 29	1742.8000
3M4	MB	Male	30 to 34	2010.0000
3M5	MB	Male	35 to 39	2346.4706
3M6	MB	Male	40 to 44	2470.9375
3M7	MB	Male	45 to 49	1634.1667
3M8	MB	Male	50 to 54	2780.3125
3M9	MB	Male	55 to 59	1979.5455
3M10	MB	Male	60 plus	2149.2373
3F1	MB	Female	16 to 19	3191.2000
3F2	MB	Female	20 to 24	1692.0000
3F3	MB	Female	25 to 29	1725.0000
3F4	MB	Female	30 to 34	2528.2353
3F5	MB	Female	35 to 39	1791.9565
3F6	MB	Female	40 to 44	1657.9167
3F7	MB	Female	45 to 49	1744.7826
3F8	MB	Female	50 to 54	2061.5909
3F9	MB	Female	55 to 59	1768.6000
3F10	MB	Female	60 plus	2073.1944
4M1	NB	Male	16 to 19	1520.0000

Key	Region	Sex	Age	Weight
4M2	NB	Male	20 to 24	851.0000
4M3	NB	Male	25 to 29	1096.9444
4M4	NB	Male	30 to 34	1549.2308
4M5	NB	Male	35 to 39	1349.3750
4M6	NB	Male	40 to 44	1383.5294
4M7	NB	Male	45 to 49	1199.7619
4M8	NB	Male	50 to 54	1655.2778
4M9	NB	Male	55 to 59	1510.5000
4M10	NB	Male	60 plus	2416.6250
4F1	NB	Female	16 to 19	1970.0000
4F2	NB	Female	20 to 24	672.1667
4F3	NB	Female	25 to 29	1300.0000
4F4	NB	Female	30 to 34	1424.3333
4F5	NB	Female	35 to 39	816.0714
4F6	NB	Female	40 to 44	1185.9524
4F7	NB	Female	45 to 49	1087.7083
4F8	NB	Female	50 to 54	1250.6000
4F9	NB	Female	55 to 59	1087.2414
4F10	NB	Female	60 plus	3240.5882
5M1	NL	Male	16 to 19	1597.7143
5M2	NL	Male	20 to 24	1070.7692
5M3	NL	Male	25 to 29	939.6667
5M4	NL	Male	30 to 34	1182.0833
5M5	NL	Male	35 to 39	1119.6154
5M6	NL	Male	40 to 44	930.2778
5M7	NL	Male	45 to 49	892.3810
5M8	NL	Male	50 to 54	987.1429
5M9	NL	Male	55 to 59	1237.3529
5M10	NL	Male	60 plus	1652.1951
5F1	NL	Female	16 to 19	965.4545
5F2	NL	Female	20 to 24	861.5625
5F3	NL	Female	25 to 29	1088.4615
5F4	NL	Female	30 to 34	845.5556
5F5	NL	Female	35 to 39	770.7143
5F6	NL	Female	40 to 44	807.2727
5F7	NL	Female	45 to 49	686.8966
5F8	NL	Female	50 to 54	576.0526
5F9	NL	Female	55 to 59	787.3214
5F10	NL	Female	60 plus	2092.0833
6M1	NS	Male	16 to 19	1499.4286

Key	Region	Sex	Age	Weight
6M2	NS	Male	20 to 24	639.6591
6M3	NS	Male	25 to 29	1488.3333
6M4	NS	Male	30 to 34	3141.2500
6M5	NS	Male	35 to 39	2047.0833
6M6	NS	Male	40 to 44	1946.0714
6M7	NS	Male	45 to 49	2701.3636
6M8	NS	Male	50 to 54	2153.8235
6M9	NS	Male	55 to 59	1846.2500
6M10	NS	Male	60 plus	2130.0000
6F1	NS	Female	16 to 19	1539.3846
6F2	NS	Female	20 to 24	778.0556
6F3	NS	Female	25 to 29	1417.6316
6F4	NS	Female	30 to 34	1266.6667
6F5	NS	Female	35 to 39	1247.7273
6F6	NS	Female	40 to 44	1146.3462
6F7	NS	Female	45 to 49	1286.8000
6F8	NS	Female	50 to 54	1860.0000
6F9	NS	Female	55 to 59	1799.0909
6F10	NS	Female	60 plus	2679.1176
7M1	ON	Male	16 to 19	2506.6466
7M2	ON	Male	20 to 24	1515.9603
7M3	ON	Male	25 to 29	2889.7020
7M4	ON	Male	30 to 34	4836.7816
7M5	ON	Male	35 to 39	4111.1735
7M6	ON	Male	40 to 44	4451.7553
7M7	ON	Male	45 to 49	3406.8045
7M8	ON	Male	50 to 54	4536.5789
7M9	ON	Male	55 to 59	3396.3380
7M10	ON	Male	60 plus	5407.4335
7F1	ON	Female	16 to 19	2872.2909
7F2	ON	Female	20 to 24	1705.3516
7F3	ON	Female	25 to 29	3343.5496
7F4	ON	Female	30 to 34	5162.3837
7F5	ON	Female	35 to 39	4226.7308
7F6	ON	Female	40 to 44	4084.7748
7F7	ON	Female	45 to 49	3587.2593
7F8	ON	Female	50 to 54	4147.4615
7F9	ON	Female	55 to 59	3871.5649
7F10	ON	Female	60 plus	6494.7481
8M1	PE	Male	16 to 19	506.2857

Key	Region	Sex	Age	Weight
8M2	PE	Male	20 to 24	231.0526
8M3	PE	Male	25 to 29	336.8182
8M4	PE	Male	30 to 34	287.3077
8M5	PE	Male	35 to 39	242.8125
8M6	PE	Male	40 to 44	235.2778
8M7	PE	Male	45 to 49	193.7500
8M8	PE	Male	50 to 54	387.8571
8M9	PE	Male	55 to 59	361.3333
8M10	PE	Male	60 plus	364.2857
8F1	PE	Female	16 to 19	337.2000
8F2	PE	Female	20 to 24	222.6316
8F3	PE	Female	25 to 29	282.1429
8F4	PE	Female	30 to 34	191.6667
8F5	PE	Female	35 to 39	204.5238
8F6	PE	Female	40 to 44	199.3478
8F7	PE	Female	45 to 49	188.8462
8F8	PE	Female	50 to 54	187.9032
8F9	PE	Female	55 to 59	173.9706
8F10	PE	Female	60 plus	395.1923
9M1	QC	Male	16 to 19	1669.1048
9M2	QC	Male	20 to 24	953.2075
9M3	QC	Male	25 to 29	2138.1466
9M4	QC	Male	30 to 34	5128.7000
9M5	QC	Male	35 to 39	3520.4487
9M6	QC	Male	40 to 44	4165.5738
9M7	QC	Male	45 to 49	4133.4127
9M8	QC	Male	50 to 54	4612.9104
9M9	QC	Male	55 to 59	5067.5806
9M10	QC	Male	60 plus	6181.2092
9F1	QC	Female	16 to 19	1492.0708
9F2	QC	Female	20 to 24	1080.8079
9F3	QC	Female	25 to 29	1874.0909
9F4	QC	Female	30 to 34	3454.2000
9F5	QC	Female	35 to 39	3066.0556
9F6	QC	Female	40 to 44	2743.6957
9F7	QC	Female	45 to 49	3011.8023
9F8	QC	Female	50 to 54	4371.3380
9F9	QC	Female	55 to 59	4958.2308
9F10	QC	Female	60 plus	8000.9712
10M1	SK	Male	16 to 19	1849.6000



Key	Region	Sex	Age	Weight
10M2	SK	Male	20 to 24	1288.2143
10M3	SK	Male	25 to 29	2067.8947
10M4	SK	Male	30 to 34	1838.5714
10M5	SK	Male	35 to 39	2995.0000
10M6	SK	Male	40 to 44	1477.7273
10M7	SK	Male	45 to 49	1444.5455
10M8	SK	Male	50 to 54	1959.4737
10M9	SK	Male	55 to 59	2239.4118
10M10	SK	Male	60 plus	1985.7143
10F1	SK	Female	16 to 19	2398.5455
10F2	SK	Female	20 to 24	1477.8261
10F3	SK	Female	25 to 29	2549.0000
10F4	SK	Female	30 to 34	1768.8636
10F5	SK	Female	35 to 39	1980.5556
10F6	SK	Female	40 to 44	1802.2222
10F7	SK	Female	45 to 49	2271.0714
10F8	SK	Female	50 to 54	1583.9583
10F9	SK	Female	55 to 59	1657.8261
10F10	SK	Female	60 plus	3027.2619
11M1	Territories	Male	16 to 19	400.5000
11M2	Territories	Male	20 to 24	525.0000
11M3	Territories	Male	25 to 29	512.7778
11M4	Territories	Male	30 to 34	557.5000
11M5	Territories	Male	35 to 39	364.0909
11M6	Territories	Male	40 to 44	276.9231
11M7	Territories	Male	45 to 49	268.5714
11M8	Territories	Male	50 to 54	661.6667
11M9	Territories	Male	55 to 59	467.5000
11M10	Territories	Male	60 plus	399.4737
11F1	Territories	Female	16 to 19	274.9091
11F2	Territories	Female	20 to 24	276.4286
11F3	Territories	Female	25 to 29	1531.6667
11F4	Territories	Female	30 to 34	662.1429
11F5	Territories	Female	35 to 39	321.9231
11F6	Territories	Female	40 to 44	379.0000
11F7	Territories	Female	45 to 49	332.7273
11F8	Territories	Female	50 to 54	304.2308
11F9	Territories	Female	55 to 59	699.0000
11F10	Territories	Female	60 plus	623.1818

### 3.2 The design effect calculation

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Introducing weighting generates a design effect that can be attributed to weight variation. This effect increases the sampling error in comparison to the random sampling without weighting.

The following table presents the design effect (the effect of the sampling plan on the statistical power of the sample) for each region separately as well as for the entire sample. Also, this table shows the size of an “efficient” sample, which corresponds to the size of the random sample which would have the same precision degree. For the total sample, the variation of the sampling fractions comes from the fact that a certain number of interviews were completed in each region regardless of their size.

### 3.3 Design effect and efficient size of the sample

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**Table 4: Design effect for sample**

Province	Mean of weights	N	Standard deviation	Design effect	Usable sample size	Margin of error
Alberta	2364.9701	1385	738.4031	1.09748453	1262	2.8%
British Columbia	2643.7705	1496	894.7911	1.11455019	1342	2.7%
Manitoba	2008.0118	516	401.1498	1.03990989	496	4.4%
New Brunswick	1468.4112	433	686.7054	1.21869838	355	5.2%
Newfoundland and Labrador	1072.7293	412	432.2394	1.16235606	354	5.2%
Nova Scotia	1662.1087	474	648.7712	1.15235764	411	4.8%
Ontario	3731.2802	3002	1441.3315	1.14921484	2612	1.9%
Prince Edward Island	271.1693	440	87.4271	1.10394671	399	4.9%
Quebec	3193.7098	2124	2047.6434	1.41107187	1505	2.5%
Saskatchewan	1970.8458	443	493.3510	1.06266235	417	4.8%
Territories (NT, NU, YT)	421.8218	205	189.2440	1.20127334	171	7.5%
<b>Canada</b>	<b>2671.1223</b>	<b>10822</b>	<b>1602.3872</b>	<b>1.35987142</b>	<b>7958</b>	<b>1.1%</b>

## 4.0 Data Cleaning and Guidelines for Analysis and Release

### 4.1 Data cleaning and coding

---

After the data collection was completed, data cleaning was performed to ensure high quality results. As was done in the 2019 survey, questions were made voluntary (not required) 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, which was required). During data cleaning, respondents who refused to provide an answer were recoded to “Prefer not to answer”.

The next step was to perform any necessary data coding. A detailed scale was used to describe quantities across the survey. Once data collection was completed, these scales were transformed into metric questions for ease of analysis. The metric question type simplifies the analysis by easily providing measures of mean, median, etc. For this recoding of scales into a metric value, the recoding used the same logic as in the *2019 Canadian Cannabis Survey*, for consistency and comparability of results. The scale used was the same as in the previous phase of the project. The recode scale used for this was provided by Health Canada.

A review of open-ended responses was also performed as part of the data cleaning. Any “other” responses were recoded into existing categories when appropriate. A coding guide was created for answers that had sufficient numbers of mentions to be added in as a new response level. Specific verbatim themes that did not have a sufficient number of mentions were left in the “other” category. Based on this review, levels were added for survey questions based on the “other, please specify” responses. In Q19b, where respondents were asked about the changes in cannabis use due to COVID-19, additional levels were added after reviewing the data. In Q26a and the similar medical section question M12, a level of “orally/sublingually” was added based on a high instance of verbatim responses. For M5, similar to previous cycles, a level of “pain due to injury, illness or migraines” was added to decrease the proportion of the “other” response category.

## 4.2 Guidelines for the analysis and the use of weights

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When doing an 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 analysis of results are:

- Provinces and territories
- Age: 16 to 19, 20 to 24, 25 to 29, 30 to 34, 35 to 39, 40 to 44, 45 to 49, 50 to 54, 55 to 59, and 60+ or any unaltered grouping of these ranges (i.e., 16 to 24 or 35 to 54)
- Sex: 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 are not aligned with these specified categories.

In the provided data file, the variable to be used to weight the data is called “weight”. In this case, it was decided to project to the total population, around 28 million Canadian residents (per the 2016 Statistics Canada Census).

Any results with an unweighted cell size of less than 30 respondents should not be reported on, due to statistical robustness. The reason for suppressing results with small cell sizes is due to the increased coefficient of variation and, hence, there are larger confidence intervals around results with smaller bases.

For all estimates based on cell sizes of 30 or more, the following guidelines for data suppression related to coefficients of variation (CV) should be used when reporting results:

CV <sup>4</sup> range	Estimate Stability
0 – 16.5	Acceptable, the estimate stable
16.6 – 33.3	Marginal, the estimate has moderate sampling variability and should be interpreted with caution
>33.3	Unacceptable, the estimate is unstable and should be suppressed

---

<sup>4</sup> CV= (standard error / coefficient) \* 100 where the coefficient is either the regression coefficient or the proportion estimate.

# Appendices

## Appendix A: Response Rate Calculation

	TOTAL	%
GENERATED	131660	100.0%
<b>USED</b>	<b>131660</b>	<b>100.0%</b>
Not in service	8249	6.3%
Not residential	1769	1.3%
Line problem	377	0.3%
Fax	355	0.3%
Wrong number	34	0.0%
<b>A. NOT VALID<sup>5</sup></b>	<b>10784</b>	<b>8.2%</b>
<b>VALID</b>	<b>120876</b>	<b>91.8%</b>
Not eligible	2846	2.4%
Language barrier	727	0.6%
Age – Illness	144	0.1%
Other	43	0.0%
<b>B. NOT SAMPLE<sup>6</sup></b>	<b>3760</b>	<b>2.9%</b>
<b>SAMPLE<sup>7</sup></b>	<b>117116</b>	<b>89.0%</b>
C. Household refusal	29449	25.1%
C. Multiple household refusal	8	0.0%
D. Respondent refusal	24154	20.6%
D. Multiple respondent refusal	47	0.0%
D. FINAL refusal	1361	1.2%
D. Prolonged absence	16	0.0%
D. Incomplete	0	0.0%
C. No answer	38108	32.5%
D. Appointments	2618	2.2%
<b>Completed interviews</b>	<b>21355</b>	<b>18.2%</b>

  

<b>% REFUSAL<sup>8</sup></b>	<b>47.0%</b>
<b>% COMPLETED<sup>9</sup></b>	<b>18.2%</b>
<b>ELIGIBILITY RATE<sup>10</sup></b>	<b>93.4%</b>
<b>RESPONSE RATE<sup>11</sup></b>	<b>19.0%</b>

<sup>5</sup> No possible contacts at these numbers

<sup>6</sup> Respondents were not eligible or were unable to answer

<sup>7</sup> Useable numbers

<sup>8</sup> Refusal/sample

<sup>9</sup> Completed/sample

<sup>10</sup> D+Completed/B+D+Completed

<sup>11</sup> Completed/C\*(E.R.)+D+Completed

## Appendix B: Political Neutrality Requirement

### Political neutrality certification

I hereby certify as Senior Officer of Advanis that the deliverables fully comply with the Government of Canada political neutrality requirements outlined in *the Communications Policy of the Government of Canada and Procedures for Planning and Contracting Public Opinion Research*.

Specifically, the deliverables do not include information on electoral voting intentions, political party preferences, standings with the electorate, or ratings of the performance of a political party or its leaders.

Signed: 

Nicolas Toutant, Vice-President, Research and Evaluation

# Cannabis 2020 Web

Government of Canada

Generated on 2020-05-01 at 08:22:17 MT



**Languages:** English, French

## Section Introduction1

Intro1, i, ii, iii, iv, v, vi, vii, viii, viiia, x, xa, xb, xi, xii, xiii, xiiia, xiv, xv, xvi, xvii

## Page Introduction

### Intro1

Health Canada is conducting this research survey on knowledge about and use of cannabis. Advanis has been hired to administer the survey. [Si vous préférez répondre au sondage en français, veuillez cliquer sur le bouton FRANÇAIS ci-dessus.](#)

The survey takes between 5 and 20 minutes to complete and is voluntary and completely confidential. Your answers will remain anonymous.

If you wish to verify the authenticity of this survey please email: [hc.odss-bssd.sc@canada.ca](mailto:hc.odss-bssd.sc@canada.ca) (<mailto:hc.odss-bssd.sc@canada.ca>)

The survey automatically moves to the next question when possible, however in some cases you need to press the right arrow button at the bottom of the screen to move to the next question. This button will not appear until you have answered the question.

To change previous answers you can press the left arrow button at the bottom of the screen. Some questions provide further information if you press the following symbol:

If you need to stop the survey at any point you can return at a later time and the survey will continue where you left off.

For help you can contact 1-888-944-9212.



## Page Demographics

i

What is your age?

*An answer is required*

- ☐ 15 \_\_TREE\_QUESTION\_\_
- ☐ 16 16 to 19|16
- ☐ 17 16 to 19|17
- ☐ 18 16 to 19|18
- ☐ 19 16 to 19|19
- ☐ 20 20 to 29|20
- ☐ 21 20 to 29|21
- ☐ 22 20 to 29|22
- ☐ 23 20 to 29|23
- ☐ 24 20 to 29|24
- ☐ 25 20 to 29|25
- ☐ 26 20 to 29|26
- ☐ 27 20 to 29|27
- ☐ 28 20 to 29|28
- ☐ 29 20 to 29|29
- ☐ 30 30 to 39|30
- ☐ 31 30 to 39|31
- ☐ 32 30 to 39|32
- ☐ 33 30 to 39|33
- ☐ 34 30 to 39|34
- ☐ 35 30 to 39|35
- ☐ 36 30 to 39|36
- ☐ 37 30 to 39|37
- ☐ 38 30 to 39|38
- ☐ 39 30 to 39|39
- ☐ 40 40 to 49|40
- ☐ 41 40 to 49|41
- ☐ 42 40 to 49|42
- ☐ 43 40 to 49|43
- ☐ 44 40 to 49|44
- ☐ 45 40 to 49|45
- ☐ 46 40 to 49|46
- ☐ 47 40 to 49|47
- ☐ 48 40 to 49|48
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- ☐ 50 50 to 59|50
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- ☐ 66 60 to 69|66
- ☐ 67 60 to 69|67
- ☐ 68 60 to 69|68
- ☐ 69 60 to 69|69
- ☐ 70 70 to 79|70
- ☐ 71 70 to 79|71
- ☐ 72 70 to 79|72
- ☐ 73 70 to 79|73
- ☐ 74 70 to 79|74
- ☐ 75 70 to 79|75
- ☐ 76 70 to 79|76
- ☐ 77 70 to 79|77
- ☐ 78 70 to 79|78
- ☐ 79 70 to 79|79
- ☐ 80 80 to 89|80
- ☐ 81 80 to 89|81
- ☐ 82 80 to 89|82
- ☐ 83 80 to 89|83
- ☐ 84 80 to 89|84
- ☐ 85 80 to 89|85
- ☐ 86 80 to 89|86
- ☐ 87 80 to 89|87
- ☐ 88 80 to 89|88
- ☐ 89 80 to 89|89
- ☐ 90 90 to 99|90
- ☐ 91 90 to 99|91
- ☐ 92 90 to 99|92
- ☐ 93 90 to 99|93
- ☐ 94 90 to 99|94
- ☐ 95 90 to 99|95
- ☐ 96 90 to 99|96

- ☐ <sub>97</sub> 90 to 99|97
- ☐ <sub>98</sub> 90 to 99|98
- ☐ <sub>99</sub> 90 to 99|99
- ☐ <sub>100</sub> 100 or more|100 or more

**ii**

Is there anyone living in your home that is under the age of 18?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**iii** *Show if ii Yes someone in household under 18*

Are you the guardian and/or parent of **any** of the person(s) under the age of 18?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**iv**

What was your sex at birth?

- ☐ <sub>1</sub> Male
- ☐ <sub>2</sub> Female
- ☐ <sub>-8</sub> Prefer not to say

**v**

What is your gender?

Refers to current gender which may be different from sex assigned at birth and may be different from what is indicated on legal documents.

- ☐ <sub>1</sub> Man
- ☐ <sub>2</sub> Woman
- ☐ <sub>3</sub> Other gender (please specify): \_\_\_\_\_
- ☐ <sub>-8</sub> Prefer not to say

**vi**

What is your sexual orientation? Is it:

- ☐ <sub>1</sub> Heterosexual (straight)
- ☐ <sub>2</sub> Homosexual (lesbian or gay)
- ☐ <sub>3</sub> Bisexual
- ☐ <sub>4</sub> Other (please specify): \_\_\_\_\_
- ☐ <sub>-8</sub> Prefer not to say

**vii**

Do you live in a rural or urban area?

- ☐ 1 Urban
- ☐ 2 Rural

**viii**

In which province or territory do you currently live?

- ☐ 1 Alberta (AB)
- ☐ 2 British Columbia (BC)
- ☐ 3 Manitoba (MB)
- ☐ 4 New Brunswick (NB)
- ☐ 5 Newfoundland and Labrador (NL)
- ☐ 6 Northwest Territories (NT)
- ☐ 7 Nova Scotia (NS)
- ☐ 8 Nunavut (NU)
- ☐ 9 Ontario (ON)
- ☐ 10 Prince Edward Island (PE)
- ☐ 11 Quebec (QC)
- ☐ 12 Saskatchewan (SK)
- ☐ 13 Yukon (YT)

**viia**

What type of educational institution are you currently attending?

- ☐ 1 Elementary, junior high school or high school
- ☐ 2 Trade school, college, CEGEP or other non-university institution
- ☐ 3 University
- ☐ 4 None of the above

**x**

Last week, did you work at a job or business?

*Regardless of the number of hours*

- ☐ 1 Yes
- ☐ 2 No

**xa** *Show if x Did not work last week*

Last week, did you have a job or business from which you were absent?

- ☐ 1 Yes
- ☐ 2 No

**xb**      *Show if X is Yes or xa is Yes*

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 \*

*Levels marked with \* are randomized*

- ☐ <sub>1</sub>      Yes
- ☐ <sub>2</sub>      No

**xi**

Do you identify as an Indigenous person, that is, First Nations (North American Indian, Métis or Inuk (Inuit))?

- ☐ <sub>1</sub>      First Nations (North American Indian)
- ☐ <sub>2</sub>      Métis
- ☐ <sub>3</sub>      Inuk (Inuit)
- ☐ <sub>4</sub>      No, I do not identify as an Indigenous person

**xii**      *Show if x is not Indigenous*

What ethnicity are you?

*Select all that apply*

- ☐ <sub>1</sub>      White
- ☐ <sub>2</sub>      South Asian (e.g., East Indian, Pakistani, Sri Lankan, etc.)
- ☐ <sub>3</sub>      Chinese
- ☐ <sub>4</sub>      Black
- ☐ <sub>5</sub>      Filipino
- ☐ <sub>6</sub>      Latin American
- ☐ <sub>7</sub>      Arab
- ☐ <sub>8</sub>      Southeast Asian (e.g., Vietnamese, Cambodian, Laotian, Thai, etc.)
- ☐ <sub>9</sub>      West Asian (e.g., Iranian, Afghan, etc.)
- ☐ <sub>10</sub>      Korean
- ☐ <sub>11</sub>      Japanese
- ☐ <sub>12</sub>      Other (specify): \_\_\_\_\_

**xiii**

Were you born in Canada?

- ☐ 1 Yes
- ☐ 2 No

**xiiia** *Show if xii is No*

How long have you lived in Canada?

Minimum: 0.0, Maximum: 100.0

\_\_\_\_\_ years

Maximum is custom programmed to be respondent's age.

**xiv**

In general, how is your **physical health**?

- ☐ 1 Excellent
- ☐ 2 Very good
- ☐ 3 Good
- ☐ 4 Fair
- ☐ 5 Poor
- ☐ 6 Prefer not to say

**xv**

In general, how is your **mental health**?

- ☐ 1 Excellent
- ☐ 2 Very good
- ☐ 3 Good
- ☐ 4 Fair
- ☐ 5 Poor
- ☐ 6 Prefer not to say

**xvi**

What is the highest certificate, diploma or degree that you have completed?

- ☐ 1 Less than high school diploma or its equivalent
- ☐ 2 High school diploma or a high school equivalency certificate
- ☐ 3 Trade certificate or diploma
- ☐ 4 College, CEGEP, or other non-university certificate or diploma (other than trades certificates or diplomas)
- ☐ 5 University certificate or diploma below the bachelor's level
- ☐ 6 Bachelor's degree (e.g., B.A., B.Sc., LL.B.)
- ☐ 7 University certificate, diploma or degree above the bachelor's level

xvii

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, 2019?

- ☐ <sub>1</sub> Less than \$10,000
- ☐ <sub>2</sub> \$10,000 to less than \$25,000
- ☐ <sub>3</sub> \$25,000 to less than \$50,000
- ☐ <sub>4</sub> \$50,000 to less than \$75,000
- ☐ <sub>5</sub> \$75,000 to less than \$100,000
- ☐ <sub>6</sub> \$100,000 to less than \$125,000
- ☐ <sub>7</sub> \$125,000 to less than \$150,000
- ☐ <sub>8</sub> \$150,000 or more
- ☐ <sub>9</sub> Prefer not to say

## Section NonMedical

MainInt, Q1, Q2, Q3, Q4a, Q4b, Q4c, Q5a, Q5b, Q5c, Q6, Q6b, Q7, Q8, Q9, Q10a, Q10b, Q11, Q12, Q13, Q14, Q15a, Q15b, Q16, Q17, Q18, Q19, Q19a, Q19b, Q20, Q21, Q22, Q23, Q24, Q25, Q26a, Q26b, Q26c, Q27, Q28, Q29a, Q29b, Q29c, Q29d, Q29e, Q29f, Q29g, Q29h, Q29i, Q30, Q31a, Q31b, Q31c, Q31d, Q31e, Q31f, Q31g, Q31h, Q31i, Q32, Q33a, Q33b, Q33c, Q33d, Q34a, Q34b, Q34c, Q35, Q35other, Q36, Q38, Q39a, Q39b, Q40, Q41, Q42a1, Q42b1, Q42a2, Q42b2, Q42a3, Q42b3, Q42a4, Q42b4, Q42a5, Q42b5, Q42a6, Q42b6, Q42a7, Q42b7, Q42a8, Q42b8, Q42a9, Q42b9, Q43, Q44, Q45, Q46, Q47, Q48a, Q48b, Q49, Q50a, Q50b, Q51, Q52, Q52b, Q52c, Q53, Q53b, Q53c, Q54, Q54b, Q55, Q55b, Q56, Q57, Q58, Q59, Q60, Q61, Q62, Q63, Q64, Q65, Q66, Q67, Q68, Q69, Q70, Q71, Q72, Q73, Q74

---

## Page NonMedical

### MainInt

In this survey when we use the term **cannabis**, this includes marijuana (e.g., weed, pot), hashish, hash oil or any other products made from the cannabis plant, but not synthetic cannabinoids.

When we ask about use, this includes using cannabis in its dry form or when mixed or processed into another product such as an edible, an extract, a concentrate, including hashish, a liquid, or other product.

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 associated with a disease/disorder.

### Q1

How socially acceptable do you think it is for a person to use the following substances **occasionally**?

1. Alcohol \*
2. Tobacco (cigarette/cigar/smokeless tobacco) \*
3. E-cigarettes (vaping a liquid with nicotine) \*
4. Smoking cannabis for non-medical purposes \*
5. Vaporizing cannabis for non-medical purposes \*
6. Eating cannabis for non-medical purposes \*

*Levels marked with \* are randomized*

- ☐ 1 Completely acceptable
- ☐ 2 Somewhat acceptable
- ☐ 3 Somewhat unacceptable
- ☐ 4 Completely unacceptable
- ☐ 5 No opinion

### Q2

How socially acceptable do you think it is for a person to use the following substances **regularly**?

1. Alcohol \*
2. Tobacco (cigarette/cigar/smokeless tobacco) \*
3. E-cigarettes (vaping a liquid with nicotine) \*
4. Smoking cannabis for non-medical purposes \*
5. Vaporizing cannabis for non-medical purposes \*
6. Eating cannabis for non-medical purposes \*

*Levels marked with \* are randomized*

- ☐ 1 Completely acceptable
- ☐ 2 Somewhat acceptable
- ☐ 3 Somewhat unacceptable
- ☐ 4 Completely unacceptable
- ☐ 5 No opinion

### Q3

How much do you think people risk harming themselves when they do each of the following activities?

1. Drink alcohol **once in a while**
2. Drink alcohol on a **regular basis**
3. Smoke tobacco **once in a while**
4. Smoke tobacco on a **regular basis**
5. Use an e-cigarette with nicotine **once in a while**
6. Use an e-cigarette with nicotine on a **regular basis**
7. Smoke cannabis **once in a while**
8. Smoke cannabis on a **regular basis**



- 9. Vaporizing cannabis **once in a while**
- 10. Vaporizing cannabis on a **regular basis**
- 11. Eating cannabis **once in a while**
- 12. Eating cannabis on a **regular basis**

- ☐ 1 No risk
- ☐ 2 Slight risk
- ☐ 3 Moderate risk
- ☐ 4 Great risk
- ☐ 5 I do not know

**Q4a**

Since the new cannabis law came into effect (October 17, 2018), have you seen health warning messages on cannabis products/packages or on Health Canada's 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

**Q4b** *Show if Q4a Yes 1 2 3 to seeing health warning messages*

Have the health warning messages increased your knowledge of the harms related to cannabis use?

- ☐ 1 Yes
- ☐ 2 No
- ☐ 3 Somewhat
- ☐ 4 Don't know/Not sure

**Q4c** *Show if Q4a No to seeing health Warning message*

Do you feel you sufficiently know the harms related to cannabis without seeing the health warning messages?

- ☐ 1 Yes
- ☐ 2 No
- ☐ 3 Somewhat
- ☐ 4 Don't know/Not sure

### Q5a

Since the new cannabis law came into effect (October 17, 2018), have you seen/heard **education campaigns, public health or safety messages** about cannabis in any of the following places?

*Select all that apply*

- ☐ <sub>1</sub> School (e.g., university campus)
- ☐ <sub>2</sub> Social media (e.g., Twitter, YouTube)
- ☐ <sub>3</sub> Non-social media websites
- ☐ <sub>4</sub> Events (e.g., sporting events, concerts, festivals or markets)
- ☐ <sub>5</sub> Kiosks or temporary sales locations (in shopping centers or on the street)
- ☐ <sub>6</sub> Inside/outside legal stores that sell cannabis
- ☐ <sub>7</sub> Public display of posters or billboards (e.g., in public transit, at bars/restaurants)
- ☐ <sub>8</sub> Health care setting (e.g., pharmacy, doctors' office)
- ☐ <sub>9</sub> Print newspapers or magazines
- ☐ <sub>10</sub> TV/radio
- ☐ <sub>11</sub> Inside/outside illegal stores that sell cannabis
- ☐ <sub>12</sub> Community-based/not for profit organizations
- ☐ <sub>13</sub> Workplace
- ☐ <sub>14</sub> Other (please specify): \_\_\_\_\_
- ☐ <sub>15</sub> I have not noticed any education campaigns or public health messages *(Exclusive)*

### Q5b *Show if Q5a Yes 1 to 14*

Which of the following types of themes were the **education campaigns, public health or safety messages** relevant to?

*Select all that apply*

- ☐ <sub>1</sub> Driving and cannabis use
- ☐ <sub>2</sub> Harms of cannabis use
- ☐ <sub>3</sub> Dependence and cannabis use
- ☐ <sub>4</sub> Lower-Risk Cannabis Use Guidelines
- ☐ <sub>5</sub> Don't know/Not sure *(Exclusive)*

### Q5c *Show if Q5a Yes 1 to 14*

Was the information you saw in the **education campaigns, public health or safety messages** credible/believable?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Somewhat
- ☐ <sub>4</sub> Don't know/Not sure

## Q6

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.

- ☐ <sub>1</sub> Strongly agree
- ☐ <sub>2</sub> Somewhat agree
- ☐ <sub>3</sub> Neither agree nor disagree
- ☐ <sub>4</sub> Somewhat disagree
- ☐ <sub>5</sub> Strongly disagree

## Q6b

Are you aware of the 'Lower-Risk Cannabis Use Guidelines' (LRCUG)?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

## Q7

Based on what you know or believe...

1. Can cannabis smoke be harmful?
2. Is it ok to use cannabis when pregnant or breastfeeding?
3. Does using cannabis daily or near-daily increase the risk of mental health problems?
4. Are teenagers at greater risk of harm from using cannabis than adults?
5. Does consuming cannabis products with lower levels of THC lead to greater impairment?
6. Can it take up to 4 hours to feel the full effects from eating or drinking cannabis?
7. Are the effects of inhaling cannabis longer-lasting than eating/drinking cannabis products?
8. Can using cannabis become habit forming for some people?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

## Q8

In the **past 12 months**, how have people, including yourself, used cannabis inside your home?

*Select all that apply*

- ☐ <sub>1</sub> Cannabis was smoked
- ☐ <sub>2</sub> Cannabis was vaporized
- ☐ <sub>3</sub> Cannabis was eaten or drank
- ☐ <sub>4</sub> Cannabis was used in another way (please specify):  
\_\_\_\_\_
- ☐ <sub>5</sub> No one used cannabis in my home *(Exclusive)*

**Q9**

In the **past 30 days**, were you exposed to second-hand cannabis smoke or vapor 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.)

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

**Q10a**

In the **past 12 months**, has anyone, including yourself, grown cannabis in or around your home/residence?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

**Q10b** *Show if Q10a Yes*

How many cannabis plants are currently grown in or around your home/residence?

Minimum: 1.0, Maximum: 25.0

Enter number of plants \_\_\_\_\_

- ☐ <sub>-8</sub> Prefer not to answer
- ☐ <sub>-9</sub> More than 25 plants

**Q11**

In the **past 12 months**, has anyone, including yourself, prepared cannabis edibles/drinks in your home/residence?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

### Q12

In your opinion, does using cannabis for **non-medical** purposes impair one's ability to drive or operate a motor vehicle?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> It depends (please specify) \_\_\_\_\_
- ☐ <sub>4</sub> Don't know/Not sure

### Q13

As far as you know, when is it safe for someone to drive a motor vehicle after using cannabis for **non-medical** purposes?

- ☐ <sub>1</sub> Immediately
- ☐ <sub>2</sub> 30 minutes to just under 1 hour
- ☐ <sub>3</sub> 1 hour to just under 3 hours
- ☐ <sub>4</sub> 3 hours to just under 5 hours
- ☐ <sub>5</sub> 5 hours to just under 7 hours
- ☐ <sub>6</sub> 7 hours to 8 hours
- ☐ <sub>7</sub> More than 8 hours after
- ☐ <sub>8</sub> Other (please specify): \_\_\_\_\_
- ☐ <sub>9</sub> Don't know/Not sure

### Q14

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

- ☐ <sub>1</sub> Not at all likely
- ☐ <sub>2</sub> Not likely
- ☐ <sub>3</sub> Somewhat likely
- ☐ <sub>4</sub> Likely
- ☐ <sub>5</sub> Extremely likely

### Q15a

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 for **non-medical** purposes **within 2 hours before driving**?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

**Q15b** *Show if Q15a Yes passenger in vehicle*

When did this last happen?

- ☐ 1 Within the past 30 days
- ☐ 2 Within the past 12 months
- ☐ 3 More than 12 months ago

**Q16**

During your lifetime have you ever used 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 Yes, just once
- ☐ 2 Yes, more than once
- ☐ 3 No

**Q17** *Show if Q16 Used nonmedical in lifetime*

How old were you when you first tried or started using cannabis for **non-medical** purposes?

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 4 < 10|< 5
- ☐ 5 < 10|5
- ☐ 6 < 10|6
- ☐ 7 < 10|7
- ☐ 8 < 10|8
- ☐ 9 < 10|9
- ☐ 10 10 to 19|10
- ☐ 11 10 to 19|11
- ☐ 12 10 to 19|12
- ☐ 13 10 to 19|13
- ☐ 14 10 to 19|14
- ☐ 15 10 to 19|15
- ☐ 16 10 to 19|16
- ☐ 17 10 to 19|17
- ☐ 18 10 to 19|18
- ☐ 19 10 to 19|19
- ☐ 20 20 to 29|20
- ☐ 21 20 to 29|21
- ☐ 22 20 to 29|22
- ☐ 23 20 to 29|23
- ☐ 24 20 to 29|24
- ☐ 25 20 to 29|25
- ☐ 26 20 to 29|26
- ☐ 27 20 to 29|27
- ☐ 28 20 to 29|28

- ☐ 29 20 to 29|29
- ☐ 30 30 to 39|30
- ☐ 31 30 to 39|31
- ☐ 32 30 to 39|32
- ☐ 33 30 to 39|33
- ☐ 34 30 to 39|34
- ☐ 35 30 to 39|35
- ☐ 36 30 to 39|36
- ☐ 37 30 to 39|37
- ☐ 38 30 to 39|38
- ☐ 39 30 to 39|39
- ☐ 40 40 to 49|40
- ☐ 41 40 to 49|41
- ☐ 42 40 to 49|42
- ☐ 43 40 to 49|43
- ☐ 44 40 to 49|44
- ☐ 45 40 to 49|45
- ☐ 46 40 to 49|46
- ☐ 47 40 to 49|47
- ☐ 48 40 to 49|48
- ☐ 49 40 to 49|49
- ☐ 50 50 to 59|50
- ☐ 51 50 to 59|51
- ☐ 52 50 to 59|52
- ☐ 53 50 to 59|53
- ☐ 54 50 to 59|54
- ☐ 55 50 to 59|55
- ☐ 56 50 to 59|56
- ☐ 57 50 to 59|57
- ☐ 58 50 to 59|58
- ☐ 59 50 to 59|59
- ☐ 60 60 to 69|60
- ☐ 61 60 to 69|61
- ☐ 62 60 to 69|62
- ☐ 63 60 to 69|63
- ☐ 64 60 to 69|64
- ☐ 65 60 to 69|65
- ☐ 66 60 to 69|66
- ☐ 67 60 to 69|67
- ☐ 68 60 to 69|68
- ☐ 69 60 to 69|69
- ☐ 70 70 to 79|70
- ☐ 71 70 to 79|71
- ☐ 72 70 to 79|72

- ☐ 73 70 to 79|73
- ☐ 74 70 to 79|74
- ☐ 75 70 to 79|75
- ☐ 76 70 to 79|76
- ☐ 77 70 to 79|77
- ☐ 78 70 to 79|78
- ☐ 79 70 to 79|79
- ☐ 80 80 to 89|80
- ☐ 81 80 to 89|81
- ☐ 82 80 to 89|82
- ☐ 83 80 to 89|83
- ☐ 84 80 to 89|84
- ☐ 85 80 to 89|85
- ☐ 86 80 to 89|86
- ☐ 87 80 to 89|87
- ☐ 88 80 to 89|88
- ☐ 89 80 to 89|89
- ☐ 90 90 to 99|90
- ☐ 91 90 to 99|91
- ☐ 92 90 to 99|92
- ☐ 93 90 to 99|93
- ☐ 94 90 to 99|94
- ☐ 95 90 to 99|95
- ☐ 96 90 to 99|96
- ☐ 97 90 to 99|97
- ☐ 98 90 to 99|98
- ☐ 99 90 to 99|99
- ☐ 100 100 or more|100 or more
- ☐ -9 Don't know/Not sure

### Q18

In the **past 12 months**, have you used cannabis for **medical** purposes (used to treat disease/disorder or improve symptoms)?

- ☐ 1 Yes, **with a medical document** from a healthcare professional
- ☐ 2 Yes, **without a medical document** from a healthcare professional
- ☐ 3 No

### Q19 *Show if Q16 Used nonmedical in lifetime*

In the **past 12 months**, have you used cannabis for **non-medical** purposes?

- ☐ 1 Yes
- ☐ 2 No



**Q19a** *Show if Q19 NonMedical User past 12 months*

How, if at all, has your cannabis use for non-medical purposes changed due to the COVID-19 pandemic? **\*?\***

*\*?\** novel coronavirus outbreak.

- ☐ 1 I use more
- ☐ 2 I use less
- ☐ 3 I use the same amount

**Q19b** *Show if Q19a use more or less*

Why did your cannabis use for non-medical purposes change due to the COVID-19 pandemic? **\*?\***

*Select all that apply*

*\*?\** novel coronavirus outbreak.

- ☐ 1 Stress
- ☐ 2 Anxiety
- ☐ 3 Boredom
- ☐ 4 Lost job due to COVID-19
- ☐ 5 Loved one directly/indirectly affected by COVID-19
- ☐ 6 Affected access to healthcare
- ☐ 7 To relax
- ☐ 8 Cannabis stores were closed or had reduced hours
- ☐ 9 Other (specify): \_\_\_\_\_

**Q20** *Show if Q19 NonMedical User past 12 months*

Are you more willing to publicly say whether you use cannabis for **non-medical** purposes now that the new cannabis law is in effect as of October 17, 2018?

- ☐ 1 Yes, I am more willing to publicly say whether I use cannabis for non-medical purposes
- ☐ 2 No, I was already willing to publicly say whether I use cannabis for non-medical purposes
- ☐ 3 No, I am not more willing to publicly say whether I use cannabis for non-medical purposes
- ☐ 4 Don't know/Not sure

**Q21** *Show if Q19 NonMedical User past 12 months*

In the **past 12 months**, how often did you typically use cannabis for **non-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

**Q22** *Show if Q19 NonMedical User past 12 months*

In the **past 30 days**, have you used cannabis for **non-medical** purposes?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**Q23** *Show if Q22 NonMedical User past 30 days*

In the **past 30 days**, on how many days did you use cannabis for **non-medical** purposes?

Minimum: 1.0, Maximum: 30.0

\_\_\_\_\_ Please enter the number of days

**Q24** *Show if Q22 NonMedical User past 30 days*

In the **past 30 days**, on the days that you used cannabis for **non-medical** purposes, how many times (a time includes a period of continuous use) per day did you use on average?

- ☐ <sub>1</sub> 1 time
- ☐ <sub>2</sub> 2 times
- ☐ <sub>3</sub> 3 times
- ☐ <sub>4</sub> 4 times
- ☐ <sub>5</sub> 5 times
- ☐ <sub>6</sub> 6 times
- ☐ <sub>7</sub> 7 times
- ☐ <sub>8</sub> 8 times
- ☐ <sub>9</sub> 9 times
- ☐ <sub>10</sub> 10 times
- ☐ <sub>11</sub> More than 10 times

**Q25** *Show if Q22 NonMedical User past 30 days*

In the **past 30 days**, how many hours were you "stoned" or "high" on a typical day when you had been using cannabis for **non-medical** purposes?

- ☐ <sub>1</sub> Less than 1 hour
- ☐ <sub>2</sub> 1 or 2 hour(s)
- ☐ <sub>3</sub> 3 or 4 hours
- ☐ <sub>4</sub> 5 or 6 hours
- ☐ <sub>5</sub> 7 or more hours

**Q26a** *Show if Q19 NonMedical User past 12 months*

In the **past 12 months**, did you use the following method to consume cannabis for **non-medical** purposes?

*Select all that apply*

- ☐ 1 Smoked (e.g., a joint, bong, pipe or blunt)
- ☐ 2 Eaten it in food (e.g., brownies, cakes, cookies or candy)
- ☐ 3 Drank it (e.g., tea, cola, alcohol, other drinks)
- ☐ 4 Vaporized it with a vaporizer (non-portable)
- ☐ 5 Vaporized it with a vape pen or e-cigarette (portable)
- ☐ 6 Dabbing (e.g., including hot knife/nail)
- ☐ 7 Applied to skin (e.g., topicals)
- ☐ 8 Used it some other way (please specify): \_\_\_\_\_

**Q26b** *Show if Q26a Vaporized with a portable 5 or nonportable 4 device*

What cannabis products did you use when vaporizing cannabis?

*Select all that apply*

- ☐ 1 Dried flower/leaf
- ☐ 2 Liquid cannabis oil/extract (e.g., butane honey oil (BHO), vaping liquid with THC/CBD, etc.)
- ☐ 3 Solids cannabis extract (e.g., shatter, hash, etc.)
- ☐ 4 Other cannabis product (specify): \_\_\_\_\_

**Q26c** *Show if Q26a 5 Vaporized with portable device*

What type of portable vaping device did you use when vaporizing cannabis?

- ☐ 1 A disposable vaping device (e.g., one-time use vape pen)
- ☐ 2 A non-disposable vaping device (e.g., vape pen with refillable/replaceable cartridges/pods/tank)
- ☐ 3 Both disposable and non-disposable devices

**Q27** *Show if Q19 NonMedical User past 12 months*

When choosing cannabis products for **non-medical** purposes, 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 (please specify): \_\_\_\_\_
- ☐ 8 Don't know/Not sure
- ☐ -8 Prefer not to say

**Q28** *Show if Q19 NonMedical User past 12 months*

In the **past 12 months**, have you used the following cannabis products for **non-medical** purposes?

*Select all that apply*

- ☐ <sub>1</sub> Dried flower/leaf
- ☐ <sub>2</sub> Hashish/kief
- ☐ <sub>3</sub> Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle
- ☐ <sub>4</sub> Cannabis vape pens/cartridges
- ☐ <sub>5</sub> Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil
- ☐ <sub>6</sub> Cannabis edible food products – e.g., cookies, candy
- ☐ <sub>7</sub> Cannabis beverages – e.g., cola, tea, coffee
- ☐ <sub>8</sub> Topicals – e.g., lotion, ointment, creams applied to skin
- ☐ <sub>9</sub> Other (please specify): \_\_\_\_\_

**Q29a** *Show if Q28 1 Used Dried flower leaf past 12 months*

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Dried flower/leaf?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ <sub>1</sub> **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ <sub>2</sub> **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ <sub>3</sub> **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ <sub>4</sub> **None** (0% THC or 0mg/g THC)
- ☐ <sub>5</sub> Don't know/Not sure

CBD Levels

- ☐ <sub>6</sub> **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ <sub>7</sub> **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ <sub>8</sub> **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ <sub>9</sub> **None** (0% CBD or 0mg/g CBD)
- ☐ <sub>10</sub> Don't know/Not sure

**Q29b** *Show if Q28 2 Used Hashish kief past 12 months*

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Hashish/kief?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ <sub>1</sub> **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ <sub>2</sub> **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ <sub>3</sub> **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ <sub>4</sub> **None** (0% THC or 0mg/g THC)
- ☐ <sub>5</sub> Don't know/Not sure

CBD Levels

- ☐ <sub>6</sub> **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ <sub>7</sub> **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ <sub>8</sub> **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ <sub>9</sub> **None** (0% CBD or 0mg/g CBD)
- ☐ <sub>10</sub> Don't know/Not sure

**Q29c** *Show if Q28 3 Used Cannabis oil for oral use past 12 months*

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ <sub>1</sub> **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ <sub>2</sub> **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ <sub>3</sub> **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ <sub>4</sub> **None** (0% THC or 0mg/g THC)
- ☐ <sub>5</sub> Don't know/Not sure

CBD Levels

- ☐ <sub>6</sub> **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ <sub>7</sub> **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ <sub>8</sub> **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ <sub>9</sub> **None** (0% CBD or 0mg/g CBD)
- ☐ <sub>10</sub> Don't know/Not sure

**Q29d** *Show if Q28 4 Used Cannabis vape pens past 12 months*

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis vape pens/cartridges?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ 4 **None** (0% THC or 0mg/g THC)
- ☐ 5 Don't know/Not sure

CBD Levels

- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ 9 **None** (0% CBD or 0mg/g CBD)
- ☐ 10 Don't know/Not sure

**Q29e** *Show if Q28 5 Used Cannabis concentrate past 12 months*

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ 4 **None** (0% THC or 0mg/g THC)
- ☐ 5 Don't know/Not sure

CBD Levels

- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ 9 **None** (0% CBD or 0mg/g CBD)
- ☐ 10 Don't know/Not sure

**Q29f** Show if Q28 6 Used Cannabis edibles past 12 months

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis edible food products – e.g., cookies, candy?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ 1 **High** (greater than 10mg)
- ☐ 2 **Moderate** (between 2.5mg and 10mg THC)
- ☐ 3 **Low** (less than 2.5mg THC)
- ☐ 4 **None** (0mg THC)
- ☐ 5 Don't know/Not sure

CBD Levels

- ☐ 6 **High** (greater than 10mg CBD)
- ☐ 7 **Moderate** (between 2.5mg and 10mg CBD)
- ☐ 8 **Low** (less than 2.5mg CBD)
- ☐ 9 **None** (0mg CBD)
- ☐ 10 Don't know/Not sure

**Q29g** Show if Q28 7 Used Cannabis beverages past 12 months

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis beverages – e.g., cola, tea, coffee?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ 4 **None** (0% THC or 0mg/g THC)
- ☐ 5 Don't know/Not sure

CBD Levels

- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ 9 **None** (0% CBD or 0mg/g CBD)
- ☐ 10 Don't know/Not sure

**Q29h** Show if Q28 8 Used Topicals past 12 months

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Topicals – e.g., lotion, ointment, creams applied to skin?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ 4 **None** (0% THC or 0mg/g THC)
- ☐ 5 Don't know/Not sure

CBD Levels

- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ 9 **None** (0% CBD or 0mg/g CBD)
- ☐ 10 Don't know/Not sure

**Q29i** Show if Q28 9 Used Other past 12 months

When choosing cannabis products for **non-medical** purposes, what levels of THC and CBD do you typically use for:

**Other: <<Q28.specify(9)>>?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ 4 **None** (0% THC or 0mg/g THC)
- ☐ 5 Don't know/Not sure

CBD Levels

- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ 9 **None** (0% CBD or 0mg/g CBD)
- ☐ 10 Don't know/Not sure



**Q30** Show if Q19 NonMedical User past 12 months

In the **past 12 months**, how often have you used the following cannabis products for **non-medical** purposes?

1. Dried flower/leaf (Show if Q28 1 Used Dried flower leaf past 12 months)
  2. Hashish/kief (Show if Q28 2 Used Hashish kief past 12 months)
  3. Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle  
(Show if Q28 3 Used Cannabis oil for oral use past 12 months)
  4. Cannabis vape pens/cartridges (Show if Q28 4 Used Cannabis vape pens past 12 months)
  5. Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil (Show if Q28 5 Used Cannabis concentrate past 12 months)
  6. Cannabis edible food products – e.g., cookies, candy (Show if Q28 6 Used Cannabis edibles past 12 months)
  7. Cannabis beverages – e.g., cola, tea, coffee (Show if Q28 7 Used Cannabis beverages past 12 months)
  8. Topicals – e.g., lotion, ointment, creams applied to skin (Show if Q28 8 Used Topicals past 12 months)
  9. Other: <<Q28.specify(9)>> (Show if Q28 9 Used Other past 12 months)
- 
- ☐ 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

**Q31a** Show if Q28 1 Used Dried flower leaf past 12 months

On the days that you used:

**Dried flower/leaf** How much did you typically use in a day, for **non-medical** purposes?

Please select the amount closest to what you typically use

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 50mg (1/20g) to 500mg (1/2g)|50 mg (1/20g)
- ☐ 3 50mg (1/20g) to 500mg (1/2g)|100mg (1/10g)
- ☐ 4 50mg (1/20g) to 500mg (1/2g)|125mg (1/8g)
- ☐ 5 50mg (1/20g) to 500mg (1/2g)|250mg (1/4g)
- ☐ 6 50mg (1/20g) to 500mg (1/2g)|500mg (1/2g)
- ☐ 7 1g to 3.5g (1/8oz)|1g
- ☐ 8 1g to 3.5g (1/8oz)|1.5g
- ☐ 9 1g to 3.5g (1/8oz)|2g
- ☐ 10 1g to 3.5g (1/8oz)|2.5g
- ☐ 11 1g to 3.5g (1/8oz)|3g
- ☐ 12 1g to 3.5g (1/8oz)|3.5g (1/8oz)
- ☐ 13 4g to 8g|4g
- ☐ 14 4g to 8g|5g
- ☐ 15 4g to 8g|6g

- ☐ 16 4g to 8g|7g (1/4oz)
- ☐ 17 4g to 8g|8g
- ☐ 18 9g to 13g|9g
- ☐ 19 9g to 13g|10g
- ☐ 20 9g to 13g|11g
- ☐ 21 9g to 13g|12g
- ☐ 22 9g to 13g|13g
- ☐ 23 14g (1/2oz) to 18g|14g (1/2oz)
- ☐ 24 14g (1/2oz) to 18g|15g
- ☐ 25 14g (1/2oz) to 18g|16g
- ☐ 26 14g (1/2oz) to 18g|17g
- ☐ 27 14g (1/2oz) to 18g|18g
- ☐ 28 19g to 23g|19g
- ☐ 29 19g to 23g|20g
- ☐ 30 19g to 23g|21g (3/4oz)
- ☐ 31 19g to 23g|22g
- ☐ 32 19g to 23g|23g
- ☐ 33 24g to >28g (1oz)|24g
- ☐ 34 24g to >28g (1oz)|25g
- ☐ 35 24g to >28g (1oz)|26g
- ☐ 36 24g to >28g (1oz)|27g
- ☐ 37 24g to >28g (1oz)|28g (1oz)
- ☐ 38 24g to >28g (1oz)|>28g (1oz)

**Q31b** *Show if Q28 2 Used Hashish kief past 12 months*

On the days that you used:

**Hashish/kief** How much did you typically use in a day, for **non-medical** purposes?

*Please select the amount closest to what you typically use*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 50mg (1/20g) to 500mg (1/2g)|50mg (1/20g)
- ☐ 3 50mg (1/20g) to 500mg (1/2g)|100mg (1/10g)
- ☐ 4 50mg (1/20g) to 500mg (1/2g)|125mg (1/8g)
- ☐ 5 50mg (1/20g) to 500mg (1/2g)|250mg (1/4g)
- ☐ 6 50mg (1/20g) to 500mg (1/2g)|500mg (1/2g)
- ☐ 7 1g to 3g|1g
- ☐ 8 1g to 3g|1.5g
- ☐ 9 1g to 3g|2g
- ☐ 10 1g to 3g|2.5g
- ☐ 11 1g to 3g|3g
- ☐ 12 3.5g (1/8oz) to 7g (1/4oz)|3.5g (1/8oz)
- ☐ 13 3.5g (1/8oz) to 7g (1/4oz)|4g
- ☐ 14 3.5g (1/8oz) to 7g (1/4oz)|5g
- ☐ 15 3.5g (1/8oz) to 7g (1/4oz)|6g

- ☐ 16 3.5g (1/8oz) to 7g (1/4oz)|7g (1/4oz)
- ☐ 17 8g to 12g|8g
- ☐ 18 8g to 12g|9g
- ☐ 19 8g to 12g|10g
- ☐ 20 8g to 12g|11g
- ☐ 21 8g to 12g|12g
- ☐ 22 13g to >14g (1/2oz)|13g
- ☐ 23 13g to >14g (1/2oz)|14g (1/2oz)
- ☐ 24 13g to >14g (1/2oz)|>14g (1/2oz)

**Q31c** Show if Q28 3 Used Cannabis oil for oral use past 12 months

On the days that you used:

**Cannabis oil for oral use - e.g., in dropper/syringe, softgel/capsules, spray bottle** How much did you typically use in a day, for **non-medical** purposes?

*Please select the amount closest to what you typically use*

- ☐ 1 \_TREE\_QUESTION\_
- ☐ 2 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.05ml (1/20ml)
- ☐ 3 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.1ml (1/10ml)
- ☐ 4 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.125ml (1/8ml)
- ☐ 5 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.25ml (1/4ml)
- ☐ 6 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.5ml (1/2ml)
- ☐ 7 Answer in ml|1ml to 3ml|1ml
- ☐ 8 Answer in ml|1ml to 3ml|1.5ml
- ☐ 9 Answer in ml|1ml to 3ml|2ml
- ☐ 10 Answer in ml|1ml to 3ml|2.5ml
- ☐ 11 Answer in ml|1ml to 3ml|3ml
- ☐ 12 Answer in ml|3.5ml to 7ml|3.5ml
- ☐ 13 Answer in ml|3.5ml to 7ml|4ml
- ☐ 14 Answer in ml|3.5ml to 7ml|5ml
- ☐ 15 Answer in ml|3.5ml to 7ml|6ml
- ☐ 16 Answer in ml|3.5ml to 7ml|7ml
- ☐ 17 Answer in ml|>7ml|>7ml
- ☐ 18 Answer in sprays|1 to 5 |1 spray
- ☐ 19 Answer in sprays|1 to 5 |2 sprays
- ☐ 20 Answer in sprays|1 to 5 |3 sprays
- ☐ 21 Answer in sprays|1 to 5 |4 sprays
- ☐ 22 Answer in sprays|1 to 5 |5 sprays
- ☐ 23 Answer in sprays|6 to 10 |6 sprays
- ☐ 24 Answer in sprays|6 to 10 |7 sprays
- ☐ 25 Answer in sprays|6 to 10 |8 sprays
- ☐ 26 Answer in sprays|6 to 10 |9 sprays
- ☐ 27 Answer in sprays|6 to 10 |10 sprays
- ☐ 28 Answer in sprays|>10 |>10 sprays

- ☐ 29 Answer in capsules/softgels|1 to 5 |1 capsule/softgel
- ☐ 30 Answer in capsules/softgels|1 to 5 |2 capsules/softgels
- ☐ 31 Answer in capsules/softgels|1 to 5 |3 capsules/softgels
- ☐ 32 Answer in capsules/softgels|1 to 5 |4 capsules/softgels
- ☐ 33 Answer in capsules/softgels|1 to 5 |5 capsules/softgels
- ☐ 34 Answer in capsules/softgels|6 to 10 |6 capsules/softgels
- ☐ 35 Answer in capsules/softgels|6 to 10 |7 capsules/softgels
- ☐ 36 Answer in capsules/softgels|6 to 10 |8 capsules/softgels
- ☐ 37 Answer in capsules/softgels|6 to 10 |9 capsules/softgels
- ☐ 38 Answer in capsules/softgels|6 to 10 |10 capsules/softgels
- ☐ 39 Answer in capsules/softgels|>10 |>10 capsules/softgels

**Q31d** Show if Q28 4 Used Cannabis vape pens past 12 months

On the days that you used:

**Cannabis vape pens/cartridges** How much did you typically use in a day, for **non-medical** purposes?

*Please select the amount closest to what you typically use*

- ☐ 1 A cartridge lasts 30 use days
- ☐ 2 A cartridge lasts 21 use days
- ☐ 3 A cartridge lasts 14 use days
- ☐ 4 A cartridge lasts 10 use days
- ☐ 5 A cartridge lasts 7 use days
- ☐ 6 A cartridge lasts 6 use days
- ☐ 7 A cartridge lasts 5 use days
- ☐ 8 A cartridge lasts 4 use days
- ☐ 9 A cartridge lasts 3 use days
- ☐ 10 A cartridge lasts 2 use days
- ☐ 11 A cartridge lasts 1 use day

**Q31e** Show if Q28 5 Used Cannabis concentrate past 12 months

On the days that you used:

**Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil** How much did you typically use in a day, for **non-medical** purposes?

*Please select the amount closest to what you typically use*

- ☐ 1 10mg (1/100g)
- ☐ 2 25mg (1/40g)
- ☐ 3 50mg (1/20g)
- ☐ 4 100mg (1/10g)
- ☐ 5 125mg (1/8g)
- ☐ 6 250mg (1/4g)
- ☐ 7 500mg (1/2g)
- ☐ 8 1g

- ☐ 9 1.5g
- ☐ 10 2g
- ☐ 11 2.5g
- ☐ 12 3g
- ☐ 13 3.5g (1/8oz)

**Q31f** *Show if Q28 6 Used Cannabis edibles past 12 months*

On the days that you used:

**Cannabis edible food products – e.g., cookies, candy** How much did you typically use in a day, for **non-medical** purposes?

*Please select the amount closest to what you typically use*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 Less than 1 serving|1/8 serving
- ☐ 3 Less than 1 serving|1/4 serving
- ☐ 4 Less than 1 serving|1/2 serving
- ☐ 5 Less than 1 serving|3/4 serving
- ☐ 6 1 to 2.5 servings|1 serving
- ☐ 7 1 to 2.5 servings|1.5 servings
- ☐ 8 1 to 2.5 servings|2 servings
- ☐ 9 1 to 2.5 servings|2.5 servings
- ☐ 10 3 to 6 servings|3 servings
- ☐ 11 3 to 6 servings|3.5 servings
- ☐ 12 3 to 6 servings|4 servings
- ☐ 13 3 to 6 servings|4.5 servings
- ☐ 14 3 to 6 servings|5 servings
- ☐ 15 3 to 6 servings|6 servings
- ☐ 16 7 to >10 servings|7 servings
- ☐ 17 7 to >10 servings|8 servings
- ☐ 18 7 to >10 servings|9 servings
- ☐ 19 7 to >10 servings|10 servings
- ☐ 20 7 to >10 servings|>10 servings

**Q31g** *Show if Q28 7 Used Cannabis beverages past 12 months*

On the days that you used:

**Cannabis beverages – e.g., cola, tea, coffee** How much did you typically use in a day, for **non-medical** purposes?

*Please select the amount closest to what you typically use*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 30ml (1/8cup) to 500ml (2cups)|30ml (1/8cup)
- ☐ 3 30ml (1/8cup) to 500ml (2cups)|62.5ml (1/4cup)
- ☐ 4 30ml (1/8cup) to 500ml (2cups)|125ml (1/2cup)
- ☐ 5 30ml (1/8cup) to 500ml (2cups)|187.5ml (3/4cup)

- ☐ 6 30ml (1/8cup) to 500ml (2cups)|250ml (1cup)
- ☐ 7 30ml (1/8cup) to 500ml (2cups)|375ml (1.5cups)
- ☐ 8 30ml (1/8cup) to 500ml (2cups)|500ml (2cups)
- ☐ 9 625ml (2.5cups) to 1000ml (1litre) (4cups)|625ml (2.5cups)
- ☐ 10 625ml (2.5cups) to 1000ml (1litre) (4cups)|750ml (3cups)
- ☐ 11 625ml (2.5cups) to 1000ml (1litre) (4cups)|875ml (3.5cups)
- ☐ 12 625ml (2.5cups) to 1000ml (1litre) (4cups)|1000ml (1litre) (4cups)
- ☐ 13 1125ml (4.5cups) to 1750ml (7cups)|1125ml (4.5cups)
- ☐ 14 1125ml (4.5cups) to 1750ml (7cups)|1250ml (5cups)
- ☐ 15 1125ml (4.5cups) to 1750ml (7cups)|1500ml (1.5litres) (6cups)
- ☐ 16 1125ml (4.5cups) to 1750ml (7cups)|1750ml (7cups)
- ☐ 17 2000ml (2litres) (8cups) to 2500ml (2.5litres) (10cups)|2000ml (2litres) (8cups)
- ☐ 18 2000ml (2litres) (8cups) to 2500ml (2.5litres) (10cups)|2250ml (9cups)
- ☐ 19 2000ml (2litres) (8cups) to 2500ml (2.5litres) (10cups)|2500ml (2.5litres) (10cups)

**Q31h** Show if Q28 8 Used Topicals past 12 months

On the days that you used:

**Topicals – e.g., lotion, ointment, creams applied to skin** How much did you typically use in a day, for **non-medical** purposes?

*Please do not enter personally-identifying information.*

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**Q31i** Show if Q28 9 Used Other past 12 months

On the days that you used:

**Other: <<Q28.specify(9)>>** How much did you typically use in a day, for **non-medical** purposes?

*Please do not enter personally-identifying information.*

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**Q32** *Show if Q19 NonMedical User past 12 months*

In the **past 12 months** from whom did you **usually buy or receive** the cannabis you used for **non-medical** purposes?

- ☐ <sub>1</sub> I grew my own
- ☐ <sub>2</sub> It was specifically grown for me
- ☐ <sub>3</sub> From a legal storefront
- ☐ <sub>4</sub> From a legal online source (Health Canada licensed producer, provincial regulated retailer)
- ☐ <sub>5</sub> From an illegal storefront
- ☐ <sub>6</sub> From an illegal online source
- ☐ <sub>7</sub> It was shared around a group of friends
- ☐ <sub>8</sub> From a family member
- ☐ <sub>9</sub> From a friend
- ☐ <sub>10</sub> From an acquaintance
- ☐ <sub>11</sub> From a dealer
- ☐ <sub>12</sub> Other
- ☐ <sub>-8</sub> Prefer not to say

**Q33a** *Show if Q19 NonMedical User past 12 months*

In the **past 12 months**, how often did you buy or receive any cannabis for **non-medical** purposes from a **legal/licensed** source?

- ☐ <sub>1</sub> Always
- ☐ <sub>2</sub> Mostly
- ☐ <sub>3</sub> Sometimes
- ☐ <sub>4</sub> Rarely
- ☐ <sub>5</sub> Never

**Q33b** *Show if Q33a 1 2 3 or 4*

In the **past 12 months**, what were these sources?

*Select all that apply*

- ☐ <sub>1</sub> Provincially regulated/authorized retailer (e.g., storefront)
- ☐ <sub>2</sub> Provincially regulated/authorized online retailer (e.g., provincial website)
- ☐ <sub>3</sub> From someone sharing with me
- ☐ <sub>4</sub> I grew my own
- ☐ <sub>5</sub> Other (please specify): \_\_\_\_\_

**Q33c** *Show if Q33b 3 From someone sharing with me*

Did you pay the person(s) for the cannabis they shared with you?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**Q33d** *Show if Q33a 1 2 3 or 4*

How, if at all, has your access to cannabis for non-medical purposes from **legal/licensed** sources changed due to the COVID-19 pandemic? **\*\***

*Select all that apply*

**\*\*** novel coronavirus outbreak.

- ☐ <sub>1</sub> Products I wanted have not been available
- ☐ <sub>2</sub> Products I wanted have increased in price
- ☐ <sub>3</sub> Other (specify): \_\_\_\_\_
- ☐ <sub>4</sub> No change to access (Exclusive)

**Q34a** *Show if Q19 NonMedical User past 12 months*

In the **past 12 months**, how often did you buy or receive any cannabis for **non-medical** purposes from an **illegal/unlicensed** source?

- ☐ <sub>1</sub> Always
- ☐ <sub>2</sub> Mostly
- ☐ <sub>3</sub> Sometimes
- ☐ <sub>4</sub> Rarely
- ☐ <sub>5</sub> Never

**Q34b** *Show if Q34a 1 2 3 or 4*

In the **past 12 months**, what were these sources?

*Select all that apply*

- ☐ <sub>1</sub> Unregulated/unauthorized retailer (e.g., storefront)
- ☐ <sub>2</sub> Unregulated/unauthorized online
- ☐ <sub>3</sub> Bought from someone I know (e.g., friend, family member, acquaintance)
- ☐ <sub>4</sub> From a dealer
- ☐ <sub>5</sub> Other (please specify): \_\_\_\_\_

**Q34c** *Show if Q34a 1 2 3 or 4*

How, if at all, has your access to cannabis for non-medical purposes from **illegal/unlicensed** sources changed due to the COVID-19 pandemic? **\*\***

*Select all that apply*

**\*\*** novel coronavirus outbreak.

- ☐ <sub>1</sub> Products I wanted have not been available
- ☐ <sub>2</sub> Products I wanted have increased in price
- ☐ <sub>3</sub> Other (specify): \_\_\_\_\_
- ☐ <sub>4</sub> No change to access (Exclusive)



**Q35** *Show if Q19 NonMedical User past 12 months*

Which factors **most** influence from whom you usually buy or receive the cannabis you use for **non-medical** purposes?

Please rank your top 3 choices. You may use the arrows to move a selection up or down, and the X to remove a selection.

- ☐ Price
- ☐ Safe supply
- ☐ Quality
- ☐ Strength
- ☐ Convenience (e.g., hours of operation, delivery)
- ☐ Proximity to retailer
- ☐ Availability of specific product type (e.g., edibles)
- ☐ Access to a specific strain/variety
- ☐ Ability to purchase from a legal source
- ☐ Anonymity/privacy
- ☐ Other

**Q35other** *Show if Q35 Other Selected in top 3*

What is the other factor that influences from whom you usually buy or receive the cannabis you use for **non-medical** purposes?

*Please do not enter personally-identifying information.*

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**Q36** *Show if Q19 NonMedical User past 12 months*

In the **past 12 months**, how often have you intended to buy a cannabis product for **non-medical** purposes from a provincially regulated retailer but have found the product you wanted to buy was unavailable?

- ☐ 1 Always
- ☐ 2 Often
- ☐ 3 Sometimes
- ☐ 4 Rarely
- ☐ 5 Never
- ☐ 6 I have never intended to buy from a provincially regulated retailer

**Q38** *Show if Q19 NonMedical User past 12 months*

How much do you **typically** spend on cannabis for **non-medical purposes** each month?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter estimated dollar amount

- ☐ .8 Prefer not to answer  
☐ .9 More than \$1,000

**Q39a** *Show if Q22 NonMedical User past 30 days*

In the **past 30 days**, how much did you spend on cannabis for **non-medical** purposes obtained from a **legal** source?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter estimated dollar amount

- ☐ .8 Prefer not to answer  
☐ .9 More than \$1,000

**Q39b** *Show if Q22 NonMedical User past 30 days*

In the **past 30 days**, how much did you spend on cannabis for **non-medical** purposes obtained from an **illegal** source?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter estimated dollar amount

- ☐ .8 Prefer not to answer  
☐ .9 More than \$1,000

**Q40** *Show if Q22 NonMedical User past 30 days*

In the **past 30 days**, which form(s) of cannabis have you bought or received for **non-medical** purposes?

*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  
☐ 4 Cannabis vape pens/cartridges  
☐ 5 Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil  
☐ 6 Cannabis edible food products – e.g., cookies, candy  
☐ 7 Cannabis beverages – e.g., cola, tea, coffee  
☐ 8 Topicals – e.g., lotion, ointment, creams applied to skin  
☐ 9 Other (please specify): \_\_\_\_\_

**Q41** *Show if Q22 NonMedical User past 30 days*

In the **past 30 days**, how often have you bought or received cannabis in the following form(s) for **non-medical** purposes?

1. Dried flower/leaf *(Show if Q40 1 Used Dried flower leaf past 30 days)*
  2. Hashish/kief *(Show if Q40 2 Used Hashish kief past 30 days)*
  3. Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle  
*(Show if Q40 3 Used Cannabis oil for oral past 30 days)*
  4. Cannabis vape pens/cartridges *(Show if Q40 4 Used Cannabis vape pens past 30 days)*
  5. Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil *(Show if Q40 5 Used Cannabis concentrate past 30 days)*
  6. Cannabis edible food products – e.g., cookies, candy *(Show if Q40 6 Used Cannabis edibles past 30 days)*
  7. Cannabis beverages – e.g., cola, tea, coffee *(Show if Q40 7 Used Cannabis beverage past 30 days)*
  8. Topicals – e.g., lotion, ointment, creams applied to skin *(Show if Q40 8 Used Topicals past 30 days)*
  9. Other: <<Q40.specify(9)>> *(Show if Q40 9 Used Other past 30 days)*
- 
- ☐ 1 Once
- ☐ 2 Twice
- ☐ 3 Three times
- ☐ 4 Four times
- ☐ 5 Five times
- ☐ 6 More than 5 times

**Q42a1** *Show if Q40 1 Used Dried flower leaf past 30 days*

**Typically**, how much cannabis in the form:

**Dried flower/leaf** did you buy or receive each time for **non-medical** purposes?

*Please select the amount closest to what you typically bought or received each time.*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 1 joint to 3g |1 joint
- ☐ 3 1 joint to 3g |500mg (1/2g)
- ☐ 4 1 joint to 3g |1g
- ☐ 5 1 joint to 3g |1.5g
- ☐ 6 1 joint to 3g |2g
- ☐ 7 1 joint to 3g |2.5g
- ☐ 8 1 joint to 3g |3g
- ☐ 9 3.5g (1/8oz) to 9g|3.5g (1/8oz)
- ☐ 10 3.5g (1/8oz) to 9g|4g
- ☐ 11 3.5g (1/8oz) to 9g|5g
- ☐ 12 3.5g (1/8oz) to 9g|6g
- ☐ 13 3.5g (1/8oz) to 9g|7g (1/4oz)
- ☐ 14 3.5g (1/8oz) to 9g|8g
- ☐ 15 3.5g (1/8oz) to 9g|9g
- ☐ 16 10g to 16g|10g

- ☐ 17 10g to 16g|11g
- ☐ 18 10g to 16g|12g
- ☐ 19 10g to 16g|13g
- ☐ 20 10g to 16g|14g (1/2oz)
- ☐ 21 10g to 16g|15g
- ☐ 22 10g to 16g|16g
- ☐ 23 17g to 25g|17g
- ☐ 24 17g to 25g|18g
- ☐ 25 17g to 25g|19g
- ☐ 26 17g to 25g|20g
- ☐ 27 17g to 25g|21g (3/4oz)
- ☐ 28 17g to 25g|22g
- ☐ 29 17g to 25g|23g
- ☐ 30 17g to 25g|24g
- ☐ 31 17g to 25g|25g
- ☐ 32 26g to >1kg|26g
- ☐ 33 26g to >1kg|27g
- ☐ 34 26g to >1kg|28g (1oz)
- ☐ 35 26g to >1kg|56g (2oz)
- ☐ 36 26g to >1kg|84g (3oz)
- ☐ 37 26g to >1kg|1/4lb (4oz)
- ☐ 38 26g to >1kg|1/2lb (8oz)
- ☐ 39 26g to >1kg|3/4lb (12oz)
- ☐ 40 26g to >1kg|1lb (16oz)
- ☐ 41 26g to >1kg|1kg (1000g)
- ☐ 42 26g to >1kg|>1kg

**Q42b1** *Show if Q40 1 Used Dried flower leaf past 30 days*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ -8 More than \$1,000
- ☐ -9 Prefer not to answer

**Q42a2** *Show if Q40 2 Used Hashish kief past 30 days*

**Typically**, how much cannabis in the form:

**Hashish/kief** did you buy or receive each time for **non-medical** purposes?

*Please select the amount closest to what you typically bought or received each time.*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 <500mg (1/2g) to 3g|<500mg (1/2g)
- ☐ 3 <500mg (1/2g) to 3g|500mg (1/2g)

- 4 <500mg (1/2g) to 3g|1g
- 5 <500mg (1/2g) to 3g|1.5g
- 6 <500mg (1/2g) to 3g|2g
- 7 <500mg (1/2g) to 3g|2.5g
- 8 <500mg (1/2g) to 3g|3g
- 9 3.5g (1/8oz) to 9g|3.5g (1/8oz)
- 10 3.5g (1/8oz) to 9g|4g
- 11 3.5g (1/8oz) to 9g|5g
- 12 3.5g (1/8oz) to 9g|6g
- 13 3.5g (1/8oz) to 9g|7g (1/4oz)
- 14 3.5g (1/8oz) to 9g|8g
- 15 3.5g (1/8oz) to 9g|9g
- 16 10g to 16g|10g
- 17 10g to 16g|11g
- 18 10g to 16g|12g
- 19 10g to 16g|13g
- 20 10g to 16g|14g (1/2oz)
- 21 10g to 16g|15g
- 22 10g to 16g|16g
- 23 17g to 23g|17g
- 24 17g to 23g|18g
- 25 17g to 23g|19g
- 26 17g to 23g|20g
- 27 17g to 23g|21g (3/4oz)
- 28 17g to 23g|22g
- 29 17g to 23g|23g
- 30 24g to 84g (3oz)|24g
- 31 24g to 84g (3oz)|25g
- 32 24g to 84g (3oz)|26g
- 33 24g to 84g (3oz)|27g
- 34 24g to 84g (3oz)|28g (1oz)
- 35 24g to 84g (3oz)|56g (2oz)
- 36 24g to 84g (3oz)|84g (3oz)
- 37 1/4lb (4oz) to >1kg|1/4lb (4oz)
- 38 1/4lb (4oz) to >1kg|1/2lb (8oz)
- 39 1/4lb (4oz) to >1kg|3/4lb (12oz)
- 40 1/4lb (4oz) to >1kg|1lb (16oz)
- 41 1/4lb (4oz) to >1kg|1kg (1000g)
- 42 1/4lb (4oz) to >1kg|>1kg

**Q42b2** Show if Q40 2 Used Hashish kief past 30 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000  
☐ .9 Prefer not to answer

**Q42a3** Show if Q40 3 Used Cannabis oil for oral past 30 days

**Typically**, how much cannabis in the form:

**Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle** did you buy or receive each time for **non-medical** purposes?

*Please select the amount closest to what you typically bought or received each time.*

- ☐ 1 \_\_TREE\_QUESTION\_\_  
☐ 2 Answer in ml|1ml to 5ml|1ml  
☐ 3 Answer in ml|1ml to 5ml|2ml  
☐ 4 Answer in ml|1ml to 5ml|3ml  
☐ 5 Answer in ml|1ml to 5ml|4ml  
☐ 6 Answer in ml|1ml to 5ml|5ml  
☐ 7 Answer in ml|6ml to 10ml|6ml  
☐ 8 Answer in ml|6ml to 10ml|7ml  
☐ 9 Answer in ml|6ml to 10ml|8ml  
☐ 10 Answer in ml|6ml to 10ml|9ml  
☐ 11 Answer in ml|6ml to 10ml|10ml  
☐ 12 Answer in ml|11ml to 15ml|11ml  
☐ 13 Answer in ml|11ml to 15ml|12ml  
☐ 14 Answer in ml|11ml to 15ml|13ml  
☐ 15 Answer in ml|11ml to 15ml|14ml  
☐ 16 Answer in ml|11ml to 15ml|15ml  
☐ 17 Answer in ml|16ml to 20ml|16ml  
☐ 18 Answer in ml|16ml to 20ml|17ml  
☐ 19 Answer in ml|16ml to 20ml|18ml  
☐ 20 Answer in ml|16ml to 20ml|19ml  
☐ 21 Answer in ml|16ml to 20ml|20ml  
☐ 22 Answer in ml|21ml to 30ml|25ml  
☐ 23 Answer in ml|21ml to 30ml|30ml  
☐ 24 Answer in ml|31ml to 40ml|35ml  
☐ 25 Answer in ml|31ml to 40ml|40ml  
☐ 26 Answer in ml|41ml to 50ml|45ml  
☐ 27 Answer in ml|41ml to 50ml|50ml  
☐ 28 Answer in ml|51ml to 60ml|55ml  
☐ 29 Answer in ml|51ml to 60ml|60ml  
☐ 30 Answer in ml|61ml to 70ml|65ml

- 31 Answer in ml|61ml to 70ml|70ml
- 32 Answer in ml|71ml to 80ml|75ml
- 33 Answer in ml|71ml to 80ml|80ml
- 34 Answer in ml|81ml to 90ml|85ml
- 35 Answer in ml|81ml to 90ml|90ml
- 36 Answer in ml|91ml to 100ml|95ml
- 37 Answer in ml|91ml to 100ml|100ml
- 38 Answer in ml|101ml to 120ml|110ml
- 39 Answer in ml|101ml to 120ml|120ml
- 40 Answer in ml|>120ml|>120ml
- 41 Answer in capsules/softgels|1 to 5|1 softgel/capsule
- 42 Answer in capsules/softgels|1 to 5|2 softgels/capsules
- 43 Answer in capsules/softgels|1 to 5|2 softgels/capsules
- 44 Answer in capsules/softgels|1 to 5|4 softgels/capsules
- 45 Answer in capsules/softgels|1 to 5|5 softgels/capsules
- 46 Answer in capsules/softgels|6 to 10|6 softgels/capsules
- 47 Answer in capsules/softgels|6 to 10|7 softgels/capsules
- 48 Answer in capsules/softgels|6 to 10|8 softgels/capsules
- 49 Answer in capsules/softgels|6 to 10|9 softgels/capsules
- 50 Answer in capsules/softgels|6 to 10|10 softgels/capsules
- 51 Answer in capsules/softgels|11 to 15|11 softgels/capsules
- 52 Answer in capsules/softgels|11 to 15|12 softgels/capsules
- 53 Answer in capsules/softgels|11 to 15|13 softgels/capsules
- 54 Answer in capsules/softgels|11 to 15|14 softgels/capsules
- 55 Answer in capsules/softgels|11 to 15|15 softgels/capsules
- 56 Answer in capsules/softgels|16 to 20|16 softgels/capsules
- 57 Answer in capsules/softgels|16 to 20|17 softgels/capsules
- 58 Answer in capsules/softgels|16 to 20|18 softgels/capsules
- 59 Answer in capsules/softgels|16 to 20|19 softgels/capsules
- 60 Answer in capsules/softgels|16 to 20|20 softgels/capsules
- 61 Answer in capsules/softgels|21 to 30|25 softgels/capsules
- 62 Answer in capsules/softgels|21 to 30|30 softgels/capsules
- 63 Answer in capsules/softgels|31 to 40|35 softgels/capsules
- 64 Answer in capsules/softgels|31 to 40|40 softgels/capsules
- 65 Answer in capsules/softgels|41 to 50|45 softgels/capsules
- 66 Answer in capsules/softgels|41 to 50|50 softgels/capsules
- 67 Answer in capsules/softgels|51 to 60|55 softgels/capsules
- 68 Answer in capsules/softgels|51 to 60|60 softgels/capsules
- 69 Answer in capsules/softgels|61 to 70|65 softgels/capsules
- 70 Answer in capsules/softgels|61 to 70|70 softgels/capsules
- 71 Answer in capsules/softgels|71 to 80|75 softgels/capsules
- 72 Answer in capsules/softgels|71 to 80|80 softgels/capsules
- 73 Answer in capsules/softgels|81 to 90|85 softgels/capsules
- 74 Answer in capsules/softgels|81 to 90|90 softgels/capsules

- ☐ 75 Answer in capsules/softgels|91 to 100|95 softgels/capsules
- ☐ 76 Answer in capsules/softgels|91 to 100|100 softgels/capsules
- ☐ 77 Answer in capsules/softgels|>100|>100 softgels/capsules

**Q42b3** *Show if Q40 3 Used Cannabis oil for oral past 30 days*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000
- ☐ .9 Prefer not to answer

**Q42a4** *Show if Q40 4 Used Cannabis vape pens past 30 days*

**Typically**, how much cannabis in the form:

**Cannabis vape pens/cartridges** did you buy or receive each time for **non-medical** purposes?

*Please select the amount closest to what you typically bought or received each time.*

- ☐ 1 1 cartridge/pen
- ☐ 2 2 cartridges/pens
- ☐ 3 3 cartridges/pens
- ☐ 4 4 cartridges/pens
- ☐ 5 5 cartridges/pens
- ☐ 6 6 cartridges/pens
- ☐ 7 7 cartridges/pens
- ☐ 8 8 cartridges/pens
- ☐ 9 9 cartridges/pens
- ☐ 10 10 cartridges/pens
- ☐ 11 >10 cartridges/pens

**Q42b4** *Show if Q40 4 Used Cannabis vape pens past 30 days*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000
- ☐ .9 Prefer not to answer



**Q42a5** Show if Q40 5 Used Cannabis concentrate past 30 days

**Typically**, how much cannabis in the form:

**Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil** did you buy or receive each time for **non-medical** purposes?

*Please select the amount closest to what you typically bought or received each time.*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 <500mg (1/2g) to 3g|<500mg (1/2g)
- ☐ 3 <500mg (1/2g) to 3g|500mg (1/2g)
- ☐ 4 <500mg (1/2g) to 3g|1g
- ☐ 5 <500mg (1/2g) to 3g|1.5g
- ☐ 6 <500mg (1/2g) to 3g|2g
- ☐ 7 <500mg (1/2g) to 3g|2.5g
- ☐ 8 <500mg (1/2g) to 3g|3g
- ☐ 9 3.5g (1/8oz) to 9g|3.5g (1/8oz)
- ☐ 10 3.5g (1/8oz) to 9g|4g
- ☐ 11 3.5g (1/8oz) to 9g|5g
- ☐ 12 3.5g (1/8oz) to 9g|6g
- ☐ 13 3.5g (1/8oz) to 9g|7g (1/4oz)
- ☐ 14 3.5g (1/8oz) to 9g|8g
- ☐ 15 3.5g (1/8oz) to 9g|9g
- ☐ 16 10g to 16g|10g
- ☐ 17 10g to 16g|11g
- ☐ 18 10g to 16g|12g
- ☐ 19 10g to 16g|13g
- ☐ 20 10g to 16g|14g (1/2oz)
- ☐ 21 10g to 16g|15g
- ☐ 22 10g to 16g|16g
- ☐ 23 17g to 23g|17g
- ☐ 24 17g to 23g|18g
- ☐ 25 17g to 23g|19g
- ☐ 26 17g to 23g|20g
- ☐ 27 17g to 23g|21g (3/4oz)
- ☐ 28 17g to 23g|22g
- ☐ 29 17g to 23g|23g
- ☐ 30 24g to 84g (3oz)|24g
- ☐ 31 24g to 84g (3oz)|25g
- ☐ 32 24g to 84g (3oz)|26g
- ☐ 33 24g to 84g (3oz)|27g
- ☐ 34 24g to 84g (3oz)|28g (1oz)
- ☐ 35 24g to 84g (3oz)|56g (2oz)
- ☐ 36 24g to 84g (3oz)|84g (3oz)
- ☐ 37 1/4lb (4oz) to >1kg|1/4lb (4oz)
- ☐ 38 1/4lb (4oz) to >1kg|1/2lb (8oz)

- ☐ 39 1/4lb (4oz) to >1kg|3/4lb (12oz)
- ☐ 40 1/4lb (4oz) to >1kg|1lb (16oz)
- ☐ 41 1/4lb (4oz) to >1kg|1kg (1000g)
- ☐ 42 1/4lb (4oz) to >1kg|>1kg

**Q42b5** *Show if Q40 5 Used Cannabis concentrate past 30 days*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ -8 More than \$1,000
- ☐ -9 Prefer not to answer

**Q42a6** *Show if Q40 6 Used Cannabis edibles past 30 days*

**Typically**, how much cannabis in the form:

**Cannabis edible food products – e.g., cookies, candy** did you buy or receive each time for **non-medical** purposes?

*Please select the amount closest to what you typically bought or received each time.*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 1 to 5 servings|1 serving
- ☐ 3 1 to 5 servings|2 servings
- ☐ 4 1 to 5 servings|3 servings
- ☐ 5 1 to 5 servings|4 servings
- ☐ 6 1 to 5 servings|5 servings
- ☐ 7 6 to 10 servings|6 servings
- ☐ 8 6 to 10 servings|7 servings
- ☐ 9 6 to 10 servings|8 servings
- ☐ 10 6 to 10 servings|9 servings
- ☐ 11 6 to 10 servings|10 servings
- ☐ 12 15 to 50 servings|15 servings
- ☐ 13 15 to 50 servings|20 servings
- ☐ 14 15 to 50 servings|25 servings
- ☐ 15 15 to 50 servings|30 servings
- ☐ 16 15 to 50 servings|40 servings
- ☐ 17 15 to 50 servings|50 servings
- ☐ 18 >50 servings

**Q42b6** Show if Q40 6 Used Cannabis edibles past 30 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000  
☐ .9 Prefer not to answer

**Q42a7** Show if Q40 7 Used Cannabis beverage past 30 days

**Typically**, how much cannabis in the form:

**Cannabis beverages – e.g., cola, tea, coffee** did you buy or receive each time for **non-medical** purposes?

*Please select the amount closest to what you typically bought or received each time.*

- ☐ 1 \_\_TREE\_QUESTION\_\_  
☐ 2 30ml (1/8cup) to 187.5ml (3/4cup)|30ml (1/8cup)  
☐ 3 30ml (1/8cup) to 187.5ml (3/4cup)|62.5ml (1/4cup)  
☐ 4 30ml (1/8cup) to 187.5ml (3/4cup)|125ml (1/2cup)  
☐ 5 30ml (1/8cup) to 187.5ml (3/4cup)|187.5ml (3/4cup)  
☐ 6 250ml (1cup) to 625ml (2.5cups)|250ml (1cup)  
☐ 7 250ml (1cup) to 625ml (2.5cups)|375ml (1.5cups)  
☐ 8 250ml (1cup) to 625ml (2.5cups)|500ml (2cups)  
☐ 9 250ml (1cup) to 625ml (2.5cups)|625ml (2.5cups)  
☐ 10 750ml (3cups) to 1125ml (4.5cups)|750ml (3cups)  
☐ 11 750ml (3cups) to 1125ml (4.5cups)|875ml (3.5cups)  
☐ 12 750ml (3cups) to 1125ml (4.5cups)|1000ml (1litre) (4cups)  
☐ 13 750ml (3cups) to 1125ml (4.5cups)|1125ml (4.5cups)  
☐ 14 1250ml (5cups) to 1750ml (7cups)|1250ml (5cups)  
☐ 15 1250ml (5cups) to 1750ml (7cups)|1500ml (1.5litres) (6cups)  
☐ 16 1250ml (5cups) to 1750ml (7cups)|1750ml (7cups)  
☐ 17 2000ml (2litres) (8cups)  
☐ 18 2250ml (9cups)  
☐ 19 2500ml (2.5litres) (10cups)

**Q42b7** Show if Q40 7 Used Cannabis beverage past 30 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000  
☐ .9 Prefer not to answer

**Q42a8** *Show if Q40 8 Used Topicals past 30 days*

**Typically**, how much cannabis in the form:

**Topicals – e.g., lotion, ointment, creams applied to skin** did you buy or receive each time for **non-medical** purposes?

*Please do not enter personally-identifying information.*

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**Q42b8** *Show if Q40 8 Used Topicals past 30 days*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000  
☐ .9 Prefer not to answer

**Q42a9** *Show if Q40 9 Used Other past 30 days*

**Typically**, how much cannabis in the form:

**Other: <<Q40.specify(9)>>** did you buy or receive each time for **non-medical** purposes?

*Please do not enter personally-identifying information.*

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**Q42b9** *Show if Q40 9 Used Other past 30 days*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000  
☐ .9 Prefer not to answer

**Q43** Show if Q22 NonMedical User past 30 days

In the **past 30 days**, where have you used cannabis for **non-medical** purposes?

Select all that apply

- ☐ 1 House/private dwelling
- ☐ 2 At a concert, sports event, festival, etc.
- ☐ 3 At a restaurant/café/coffee shop/night club/bar/pub
- ☐ 4 Indoor publicly accessible building (e.g., office, hotel, mall)
- ☐ 5 At school/college/university
- ☐ 6 At your workplace
- ☐ 7 Inside a car
- ☐ 8 At an outdoor public place (e.g., street, park, alley, mall, etc.)
- ☐ 9 Other (please specify without providing any identifiable information):  
\_\_\_\_\_

**Q44** Show if viiia Is Student AND Q19 NonMedical user past 12 months

In the **past 12 months**, how often did you use cannabis for **non-medical** purposes 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

**Q45** Show if viiia Is Student AND Q19 NonMedical user past 12 months

In a **typical month**, how often are you absent from **school/college/university** because of your **non-medical** use of cannabis?

- ☐ 1 1 day per month
- ☐ 2 2 to 3 days per month
- ☐ 3 4 or 5 days per month
- ☐ 4 More than 5 days per month
- ☐ 5 I am never absent for this reason

**Q46** Show if Q19 NonMedical User past 12 months

In the **past 12 months**, how often did you use cannabis for **non-medical purposes** 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

**Q47** *Show if Q46 NOT Havent been employed past 12 months*

In a **typical month**, how often are you absent from **work** because of your **non-medical** use of cannabis?

- ☐ <sub>1</sub> 1 day per month
- ☐ <sub>2</sub> 2 to 3 days per month
- ☐ <sub>3</sub> 4 or 5 days per month
- ☐ <sub>4</sub> More than 5 days per month
- ☐ <sub>5</sub> I am never absent for this reason
- ☐ <sub>6</sub> I am not employed

**Q48a** *Show if Q19 NonMedical User past 12 months*

Do you currently have any cannabis or cannabis product in or around your home?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

**Q48b** *Show if Q48a Yes cannabis in house*

Where is the cannabis that is currently in or around your home being stored?

*Select all that apply*

- ☐ <sub>1</sub> In a child proof container
- ☐ <sub>2</sub> In a locked container such as a cabinet, drawer, or safe
- ☐ <sub>3</sub> In a locked room
- ☐ <sub>4</sub> In an unlocked cabinet or drawer
- ☐ <sub>5</sub> In an unlocked refrigerator or freezer
- ☐ <sub>6</sub> On an open shelf or table
- ☐ <sub>7</sub> In an out-building such as a shed or garage
- ☐ <sub>8</sub> In an outdoor location such as a garden or greenhouse
- ☐ <sub>9</sub> Other (please specify without providing any identifiable information):  
\_\_\_\_\_

**Q49** *Show if Q19 NonMedical User past 12 months*

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. Tobacco or e-cigarette with nicotine
  3. Prescription opioids (e.g., oxy, Dilaudid®, morphine, Demerol®, Tylenol #3®)
  4. Prescription stimulants (e.g., Ritalin®, Concerta®, Adderall®, Dexedrine®)
  5. Prescription sedatives/tranquilizers (e.g., diazepam, lorazepam, Valium®, Ativan®, alprazolam, Xanax®, clonazepam, Rivotril®)
  6. Illegal opioids (e.g., heroin, non-pharmaceutical fentanyl)
  7. Illegal stimulants (e.g., cocaine, crack, methamphetamine, ecstasy/MDMA)
  8. Illegal hallucinogens/dissociatives (e.g., LSD, magic mushrooms, ketamine, PCP)
- 
- ☐ 1 Never
- ☐ 2 Rarely
- ☐ 3 Sometimes
- ☐ 4 Often
- ☐ 5 Always

**Q50a** *Show if Q19 NonMedical User past 12 months*

Were there any **other** substances that you used in combination (i.e., at the same time) with cannabis for **non-medical** purposes for the effect in the **past 12 months**?

- ☐ 1 Yes (please specify): \_\_\_\_\_
- ☐ 2 No

**Q50b** *Show if Q50a Yes other substance*

And how often did you use <<Q50a.specify(1)>> in combination (i.e., at the same time) with cannabis for **non-medical** purposes for the effect?

- ☐ 1 Never
- ☐ 2 Rarely
- ☐ 3 Sometimes
- ☐ 4 Often
- ☐ 5 Always

**Q51** *Show if Q19 NonMedical User past 12 months*

Since cannabis became legal for **non-medical** purposes, has your consumption of the following substances changed?

1. Cannabis
2. Alcohol
3. Tobacco or e-cigarette with nicotine
4. Opioids
5. Stimulants

- ☐ <sub>1</sub> Yes, I consume more
- ☐ <sub>2</sub> Yes, I consume less
- ☐ <sub>3</sub> No, I consume the same amount
- ☐ <sub>4</sub> I do not use this substance

**Q52** *Show if Q19 NonMedical User past 12 months*

Have you driven a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) **within 2 hours of smoking or vaporizing** cannabis or a cannabis product for **non-medical** purposes?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**Q52b** *Show if Q52 Yes driven within 2hrs of smoking vaping*

When did this last happen?

- ☐ <sub>1</sub> Within the past 30 days
- ☐ <sub>2</sub> Within the past 12 months
- ☐ <sub>3</sub> More than 12 months ago

**Q52c** *Show if Q52 Yes AND Q52b within past 30 days*

What type of cannabis product was it?

- ☐ <sub>1</sub> THC only
- ☐ <sub>2</sub> CBD only
- ☐ <sub>3</sub> THC predominant (i.e., but has a lower level of CBD)
- ☐ <sub>4</sub> CBD predominant (i.e., but has a lower level of THC)
- ☐ <sub>5</sub> Equal levels of THC and CBD
- ☐ <sub>6</sub> Don't know/Not sure



**Q53** *Show if Q19 NonMedical User past 12 months*

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) for **non-medical** purposes?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**Q53b** *Show if Q53 Yes driven within 4hrs of ingesting*

When did this last happen?

- ☐ <sub>1</sub> Within the past 30 days
- ☐ <sub>2</sub> Within the past 12 months
- ☐ <sub>3</sub> More than 12 months ago

**Q53c** *Show if Q53 Yes AND Q53b within past 30 days*

What type of cannabis product was it?

- ☐ <sub>1</sub> THC only
- ☐ <sub>2</sub> CBD only
- ☐ <sub>3</sub> THC predominant (i.e., but has a lower level of CBD)
- ☐ <sub>4</sub> CBD predominant (i.e., but has a lower level of THC)
- ☐ <sub>5</sub> Equal levels of THC and CBD
- ☐ <sub>6</sub> Don't know/Not sure

**Q54** *Show if Q52 Yes driven 2hrs smoking vaping OR Q53 Yes driven 4hrs eating*

Have you driven a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) within 2 hours of using cannabis or a cannabis product for **non-medical** purposes **in combination with alcohol**?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**Q54b** *Show if Q54 Yes driven within 2hrs combined with alcohol*

When did this last happen?

- ☐ <sub>1</sub> Within the past 30 days
- ☐ <sub>2</sub> Within the past 12 months
- ☐ <sub>3</sub> More than 12 months ago

**Q55** *Show if Q52 Yes driven 2hrs smoking vaping OR Q53 Yes driven 4hrs eating*

Have you driven a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) within 2 hours of using cannabis or a cannabis product for **non-medical** purposes **in combination with another drug** other than alcohol or tobacco?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**Q55b** *Show if Q55 Yes driven within 2hrs combined with another drug*

When did this last happen?

- ☐ <sub>1</sub> Within the past 30 days
- ☐ <sub>2</sub> Within the past 12 months
- ☐ <sub>3</sub> More than 12 months ago

**Q56** *Show if Q52 Yes driven 2hrs smoking vaping OR Q53 Yes driven 4hrs eating*

Why did you drive a motor vehicle after using cannabis?

*Select all that apply*

- ☐ <sub>1</sub> I did not feel impaired
- ☐ <sub>2</sub> I did not believe I would be caught by police/law enforcement
- ☐ <sub>3</sub> I did not have alternative transportation
- ☐ <sub>4</sub> I thought I could drive carefully
- ☐ <sub>5</sub> I did not have to drive very far
- ☐ <sub>6</sub> Other (please specify): \_\_\_\_\_

**Q57** *Show if Q18 Medical OR Q19 NonMedical users past 12 months*

In the **past 12 months**, have you, as the driver, ever had an interaction with police/law enforcement involving driving under the influence of cannabis?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**Q58** *Show if Q19 NonMedical User past 12 months*

In the **past 12 months**, did you personally have an interaction with police/law enforcement involving your personal possession of cannabis for **non-medical** purposes?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**Q59** *Show if Q19 NonMedical User past 12 months*

During the **past 12 months**, what type of effect did your cannabis use for **non-medical** purposes 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

**Q60** *Show if Q19 NonMedical User past 12 months*

During the **past 3 months**, how often did you use cannabis for **non-medical** purposes?

- ☐ 1 Never
- ☐ 2 Once or twice
- ☐ 3 Monthly
- ☐ 4 Weekly
- ☐ 5 Daily or almost daily

**Q61** *Show if Q60 Used NonMedical past 3 months*

During the **past 3 months**, how often have you had a strong desire or urge to use cannabis for **non-medical** purposes?

- ☐ 1 Never
- ☐ 2 Once or twice
- ☐ 3 Monthly
- ☐ 4 Weekly
- ☐ 5 Daily or almost daily

**Q62** *Show if Q60 Used NonMedical past 3 months*

During the **past 3 months**, how often has your use of cannabis for **non-medical** purposes led to health, social, legal or financial problems?

- ☐ 1 Never
- ☐ 2 Once or twice
- ☐ 3 Monthly
- ☐ 4 Weekly
- ☐ 5 Daily or almost daily

**Q63** *Show if Q60 Used NonMedical past 3 months*

During the **past 3 months**, how often have you failed to do what was normally expected of you because of your use of cannabis for **non-medical** purposes?

- ☐ <sub>1</sub> Never
- ☐ <sub>2</sub> Once or twice
- ☐ <sub>3</sub> Monthly
- ☐ <sub>4</sub> Weekly
- ☐ <sub>5</sub> Daily or almost daily

**Q64** *Show if Q60 Used NonMedical past 3 months*

Has a friend or relative or anyone else ever expressed concern about your use of cannabis for **non-medical** purposes?

- ☐ <sub>1</sub> No, never
- ☐ <sub>2</sub> Yes, in the past 3 months
- ☐ <sub>3</sub> Yes, but not in the past 3 months

**Q65** *Show if Q60 Used NonMedical past 3 months*

Have you ever tried and failed to control, cut down or stop using cannabis for **non-medical** purposes?

- ☐ <sub>1</sub> No, never
- ☐ <sub>2</sub> Yes, in the past 3 months
- ☐ <sub>3</sub> Yes, but not in the past 3 months

**Q66** *Show if Q16 Used nonmedical more than once in lifetime*

During your lifetime, did you feel that you needed professional help (such as treatment or counseling) for your **non-medical** use of cannabis?

- ☐ <sub>1</sub> No, never
- ☐ <sub>2</sub> Yes, in the past 12 months
- ☐ <sub>3</sub> Yes, but not in the past 12 months

**Q67** *Show if Q16 Used nonmedical more than once in lifetime*

Have you ever received professional help (such as treatment or counseling) for your **non-medical** use of cannabis?

- ☐ <sub>1</sub> No, never
- ☐ <sub>2</sub> Yes, in the past 12 months
- ☐ <sub>3</sub> Yes, but not in the past 12 months

**Q68** Show if Is 19 or older non ABQC OR 18 or older AB OR 21 or older QC AND 19 NonMedical User 12months

(if Is 19 plus AND non ABQC) In the **past 12 months**, have you used cannabis for **non-medical purposes** in front of persons that are under 19 years old?

(if Is 18 plus AND AB) In the **past 12 months**, have you used cannabis for **non-medical purposes** in front of persons that are under 18 years old?

(if Is 21 plus AND QC) In the **past 12 months**, have you used cannabis for **non-medical purposes** in front of persons that are under 21 years old?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

**Q69** Show if Is 19 or older non ABQC OR 18 or older AB OR 21 or older QC AND 19 NonMedical User 12months

(if Is 19 plus AND non ABQC) In the **past 12 months**, have you shared cannabis for **non-medical purposes** with persons that are under 19 years old?

(if Is 18 plus AND AB) In the **past 12 months**, have you shared cannabis for **non-medical purposes** with persons that are under 18 years old?

(if Is 21 or older) In the **past 12 months**, have you shared cannabis for **non-medical purposes** with persons that are under 21 years old?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

**Q70** Show if Not legal age AND Q19 NonMedical user past 12 month

(if NonABQC Under 19) In the **past 12 months**, has someone 19 years of age or older shared cannabis for **non-medical purposes** with you?

(if AB Under 18) In the **past 12 months**, has someone 18 years of age or older shared cannabis for **non-medical purposes** with you?

(if QC Under 21) In the **past 12 months**, has someone 21 years of age or older shared cannabis for **non-medical purposes** with you?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> Don't know/Not sure

**Q71** Show if Is female AND 16 to 50 years

Have you given birth (including live and still births **\*?\***) during the past 5 years?

\*?\* A still birth has a birth weight of 500 grams or more, or the duration of pregnancy is 20 weeks or longer.

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>-8</sub> Prefer not to say

## Page BirthQuestions *Show if Q16 Used nonmedical in lifetime*

**Q72** *Show if Q71 Given birth past 5 years*

After you learned that you were pregnant with your last child, did you use cannabis during the pregnancy?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>-8</sub> Prefer not to say

**Q73** *Show if Q71 Given birth past 5 years*

Was your last child breastfed or given your breast milk even for a short time?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>-8</sub> Prefer not to say

**Q74** *Show if Q73 Breastfed*

While you were breastfeeding your last child, did you use cannabis?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>-8</sub> Prefer not to say

## Section Medical\_Use

Mcontinue

## Page Medical\_Intro *Show if Q18 Medical user past 12 months*

### Mcontinue

You indicated that you have used cannabis for medical purposes. Would you be willing to complete a series of questions asking about your use of cannabis for medical purposes?

Please remember that you can stop the survey and return at a later time.

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

## Section Medical\_Use1

*Show if Mcontinue Yes*

MInt, M1, M2, M3, M4, M5, M6, M7a, M7b, M8, M9, M9a, M10a, M10b, M10c, M11a, M11b, M12, M12a, M12b, M13, M14, M15a, M15b, M15c, M15d, M15e, M15f, M15g, M15h, M15i, M16, M17a, M17b, M17c, M17d, M17e, M17f, M17g, M17h, M17i, M18, M19, M20a, M20b,

## Page Medical\_Usage

### MInt

In this series of questions when we use the term **cannabis**, this includes marijuana, hashish, hash oil or any other products made from the cannabis plant, but not synthetic cannabinoids.

When we ask about use, this includes using cannabis in its dry form or when mixed or processed into another product such as an edible, concentrate, liquid, or other product for **medical** purposes.

By **medical** purposes we mean used to treat a disease/disorder or to improve symptoms associated with a disease/disorder.

### M1 *Show if Q18 Yes with medical document*

Are you currently accessing cannabis for **medical** purposes through the Health Canada program?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

### M2 *Show if Q18 Medical user past 12 months*

Are you currently covered by insurance for cannabis for medical purposes?

- ☐ <sub>1</sub> Yes, fully covered
- ☐ <sub>2</sub> Yes, partially covered
- ☐ <sub>3</sub> No

### M3 *Show if Q18 Medical user past 12 months*

In the **past 12 months**, how often did you typically use cannabis for **medical** purposes?

- ☐ <sub>1</sub> Less than 1 day per month
- ☐ <sub>2</sub> 1 day per month
- ☐ <sub>3</sub> 2 or 3 days per month
- ☐ <sub>4</sub> 1 or 2 day(s) per week
- ☐ <sub>5</sub> 3 or 4 days per week
- ☐ <sub>6</sub> 5 or 6 days per week
- ☐ <sub>7</sub> Daily

**M4** *Show if Q18 Medical user past 12 months*

During the **past 12 months**, what type of effect did your cannabis use for **medical** purposes 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

**M5** *Show if Q18 Medical user past 12 months*

For which of the following diseases/disorders do you use cannabis for **medical** purposes?

*Select all that apply*

- ☐ 1 Epilepsy
- ☐ 2 Multiple sclerosis, Amyotrophic Lateral Sclerosis (ALS), spinal cord injury
- ☐ 3 Arthritis
- ☐ 4 Dystonia
- ☐ 5 Huntington's disease
- ☐ 6 Parkinson's disease
- ☐ 7 Tourette's syndrome
- ☐ 8 Glaucoma
- ☐ 9 Post-Traumatic Stress Disorder (PTSD)
- ☐ 10 Other anxiety disorders (e.g., generalized anxiety disorder, social anxiety disorder)
- ☐ 11 Depression (e.g., clinical depression, major depressive disorder)
- ☐ 12 Schizophrenia/psychosis
- ☐ 13 Alzheimer's disease/dementia
- ☐ 14 Skin diseases
- ☐ 15 Irritable bowel syndrome
- ☐ 16 Inflammatory bowel diseases (e.g., Crohn's, colitis)
- ☐ 17 Liver disease
- ☐ 18 Obesity
- ☐ 19 Diabetes
- ☐ 20 Cancer
- ☐ 21 Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD)
- ☐ 22 Insomnia
- ☐ 23 Other (please specify without providing any identifiable information): \_\_\_\_\_
- ☐ -8 Prefer not to say



**M6** Show if Q18 Medical user past 12 months

For which of the following symptoms do you use cannabis for **medical** purposes?

*Select all that apply*

- ☐ 1 Acute pain (severe or sudden pain that resolves within a certain amount of time)
- ☐ 2 Chronic non-cancer pain (persistent pain, lasting for months or even longer)
- ☐ 3 Cancer pain
- ☐ 4 Nausea/vomiting
- ☐ 5 Wasting/weight loss and/or lack of appetite (e.g., from HIV/AIDS or cancer)
- ☐ 6 Headaches/migraines
- ☐ 7 Muscle spasms
- ☐ 8 Seizures
- ☐ 9 Problems sleeping
- ☐ 10 Alcohol withdrawal symptoms
- ☐ 11 Opioid withdrawal symptoms
- ☐ 12 Palliative care
- ☐ 13 Feelings of anxiety
- ☐ 14 Feelings of depression
- ☐ 15 Other (please specify without providing any identifiable information):  
\_\_\_\_\_

**M7a** Show if Q18 Medical user past 12 months

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

**M7b** Show if M7a Yes decreased other medications

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): \_\_\_\_\_

**M8** *Show if Q18 Medical user past 12 months*

Has your use of cannabis for **medical** purposes changed your consumption of the following substances?

1. Alcohol
2. Tobacco or e-cigarette with nicotine

- ☐ 1 Yes, I consume more
- ☐ 2 Yes, I consume less
- ☐ 3 No, I consume the same amount
- ☐ 4 I do not use this substance

**M9** *Show if Q18 Medical user past 12 months*

In the **past 12 months**, where did you get the cannabis you used for **medical** purposes?

*Select all that apply*

- ☐ 1 I grew my own
- ☐ 2 It was specifically grown for me
- ☐ 3 From a legal storefront
- ☐ 4 From a legal website other than a Health Canada licensed producer (provincially regulated retailer)
- ☐ 5 From a Health Canada licensed producer
- ☐ 6 From an illegal storefront
- ☐ 7 From an illegal online source
- ☐ 8 It was shared around a group of friends
- ☐ 9 From a family member
- ☐ 10 From a friend
- ☐ 11 From an acquaintance
- ☐ 12 From a dealer
- ☐ 13 Other
- ☐ -8 Prefer not to say

**M9a** *Show if M9 5 Health Canada licensed producer*

Will you continue to directly access cannabis from a Health Canada Licensed Producer now that legal retail outlets and online sales are available for non-medical cannabis?

- ☐ 1 Yes
- ☐ 2 No
- ☐ 3 Don't know/Not sure

**M10a** *Show if Q18 Medical user past 12 months*

In the **past 12 months**, how often did you buy or receive any cannabis for **medical** purposes from a legal/licensed source?

- ☐ 1 Always
- ☐ 2 Mostly
- ☐ 3 Sometimes
- ☐ 4 Rarely
- ☐ 5 Never

**M10b** *Show if M10a is 1 2 3 or 4*

In the **past 12 months**, what were these sources?

*Select all that apply*

- ☐ 1 Provincially regulated/authorized retailer
- ☐ 2 Provincially regulated/authorized online retailer (e.g., Health Canada licensed producer)
- ☐ 3 From someone sharing with me
- ☐ 4 I grew my own
- ☐ 5 Other (please specify): \_\_\_\_\_

**M10c** *Show if M10b 3 Someone shared with you*

Did you pay the person(s) for the cannabis they shared with you?

- ☐ 1 Yes
- ☐ 2 No

**M11a** *Show if Q18 is Medical user past 12 months AND M010a NOT always*

In the **past 12 months**, how often did you buy or receive any cannabis for **medical** purposes from an illegal/unlicensed source?

- ☐ 1 Always
- ☐ 2 Mostly
- ☐ 3 Sometimes
- ☐ 4 Rarely
- ☐ 5 Never

**M11b** *Show if M11a is 1 2 3 or 4*

In the **past 12 months**, what were these sources?

*Select all that apply*

- ☐ 1 Unregulated/unauthorized retailer
- ☐ 2 Unregulated/unauthorized online
- ☐ 3 Bought from someone I know (e.g., friend, family member, acquaintance)
- ☐ 4 From a dealer
- ☐ 5 Other (please specify): \_\_\_\_\_

**M12** *Show if Q18 Medical user past 12 months*

In the **past 12 months**, did you use the following method to consume cannabis for **medical** purposes?

*Select all that apply*

- ☐ <sub>1</sub> Smoked (e.g., a joint, bong, pipe or blunt)
- ☐ <sub>2</sub> Eaten it in food (e.g., brownies, cakes, cookies or candy)
- ☐ <sub>3</sub> Drank it (e.g., tea, cola, alcohol, other drinks)
- ☐ <sub>4</sub> Vaporized it with a vaporizer (non-portable)
- ☐ <sub>5</sub> Vaporized it with a vape pen or e-cigarette (portable)
- ☐ <sub>6</sub> Dabbing (e.g., including hot knife/nail)
- ☐ <sub>7</sub> Applied to skin (e.g., topicals)
- ☐ <sub>8</sub> Used it some other way (please specify): \_\_\_\_\_

**M12a** *Show if M12 Vaporized with a portable or nonportable device*

What cannabis products did you use when vaporizing cannabis?

*Select all that apply*

- ☐ <sub>1</sub> Dried flower/leaf
- ☐ <sub>2</sub> Liquid cannabis oil/extract (e.g., butane honey oil (BHO), vaping liquid with THC/CBD, etc.)
- ☐ <sub>3</sub> Solids cannabis extract (e.g., shatter, hash, etc.)
- ☐ <sub>4</sub> Other cannabis product (specify): \_\_\_\_\_

**M12b** *Show if M12 Vaporized with a portable vaping device*

What type of portable vaping device did you use when vaporizing cannabis?

- ☐ <sub>1</sub> A disposable vaping device (e.g., one-time use vape pen)
- ☐ <sub>2</sub> A non-disposable vaping device (e.g., vape pen with refillable/replaceable cartridges/pods/tank)
- ☐ <sub>3</sub> Both disposable and non-disposable devices

**M13** *Show if Q18 Medical user past 12 months*

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use?

- ☐ <sub>1</sub> Higher THC, lower CBD
- ☐ <sub>2</sub> Higher CBD, lower THC
- ☐ <sub>3</sub> Equal levels of THC and CBD
- ☐ <sub>4</sub> THC only
- ☐ <sub>5</sub> CBD only
- ☐ <sub>6</sub> I typically use a mix of the products above
- ☐ <sub>8</sub> Other (please specify): \_\_\_\_\_
- ☐ <sub>7</sub> Don't know/Not sure

**M14** Show if Q18 Medical user past 12 months

In the **past 12 months**, have you used the following cannabis products for **medical** purposes?

*Select all that apply*

- ☐ <sub>1</sub> Dried flower/leaf
- ☐ <sub>2</sub> Hashish/kief
- ☐ <sub>3</sub> Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle
- ☐ <sub>4</sub> Cannabis vape pens/cartridges
- ☐ <sub>5</sub> Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil
- ☐ <sub>6</sub> Cannabis edible food products – e.g., cookies, candy
- ☐ <sub>7</sub> Cannabis beverages – e.g., cola, tea, coffee
- ☐ <sub>8</sub> Topicals – e.g., lotion, ointment, creams applied to skin
- ☐ <sub>9</sub> Other (please specify): \_\_\_\_\_

**M15a** Show if M14 1 Used Dried flower leaf past 12 months

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Dried flower/leaf?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ <sub>1</sub> **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ <sub>2</sub> **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ <sub>3</sub> **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ <sub>4</sub> **None** (0% THC or 0mg/g THC)
- ☐ <sub>5</sub> Don't know/Not sure

CBD Levels

- ☐ <sub>6</sub> **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ <sub>7</sub> **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ <sub>8</sub> **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ <sub>9</sub> **None** (0% CBD or 0mg/g CBD)
- ☐ <sub>10</sub> Don't know/Not sure

**M15b** Show if M14 2 Used Hashish kief past 12 months

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Hashish/kief?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ <sub>1</sub> **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ <sub>2</sub> **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ <sub>3</sub> **Low** (less than 10% THC or less than 100mg/g THC)

- ☐ 4 **None** (0% THC or 0mg/g THC)
  - ☐ 5 Don't know/Not sure
- CBD Levels
- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
  - ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
  - ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
  - ☐ 9 **None** (0% CBD or 0mg/g CBD)
  - ☐ 10 Don't know/Not sure

**M15c** *Show if M14 3 Used Cannabis oil for oral past 12 months*

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle?**

*Please make a selection in each of the CBD and THC sections.*

- THC Levels
- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
  - ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
  - ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
  - ☐ 4 **None** (0% THC or 0mg/g THC)
  - ☐ 5 Don't know/Not sure
- CBD Levels
- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
  - ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
  - ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
  - ☐ 9 **None** (0% CBD or 0mg/g CBD)
  - ☐ 10 Don't know/Not sure

**M15d** *Show if M14 4 Used Cannabis vape pen past 12 months*

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis vape pens/cartridges?**

*Please make a selection in each of the CBD and THC sections.*

- THC Levels
- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
  - ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
  - ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
  - ☐ 4 **None** (0% THC or 0mg/g THC)
  - ☐ 5 Don't know/Not sure
- CBD Levels
- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
  - ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
  - ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)

- ☐ <sub>9</sub> **None** (0% CBD or 0mg/g CBD)
- ☐ <sub>10</sub> Don't know/Not sure

**M15e** *Show if M14 5 Used Cannabis concentrate past 12 months*

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ <sub>1</sub> **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ <sub>2</sub> **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ <sub>3</sub> **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ <sub>4</sub> **None** (0% THC or 0mg/g THC)
- ☐ <sub>5</sub> Don't know/Not sure

CBD Levels

- ☐ <sub>6</sub> **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ <sub>7</sub> **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ <sub>8</sub> **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ <sub>9</sub> **None** (0% CBD or 0mg/g CBD)
- ☐ <sub>10</sub> Don't know/Not sure

**M15f** *Show if M14 6 Used Cannabis edibles past 12 months*

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis edible food products – e.g., cookies, candy?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ <sub>1</sub> **High** (greater than 10mg)
- ☐ <sub>2</sub> **Moderate** (between 2.5mg and 10mg THC)
- ☐ <sub>3</sub> **Low** (less than 2.5mg THC)
- ☐ <sub>4</sub> **None** (0mg THC)
- ☐ <sub>5</sub> Don't know/Not sure

CBD Levels

- ☐ <sub>6</sub> **High** (greater than 10mg CBD)
- ☐ <sub>7</sub> **Moderate** (between 2.5mg and 10mg CBD)
- ☐ <sub>8</sub> **Low** (less than 2.5mg CBD)
- ☐ <sub>9</sub> **None** (0mg CBD)
- ☐ <sub>10</sub> Don't know/Not sure

**M15g** *Show if M14 7 Used Cannabis beverages past 12 months*

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Cannabis beverages – e.g., cola, tea, coffee?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ 4 **None** (0% THC or 0mg/g THC)
- ☐ 5 Don't know/Not sure

CBD Levels

- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ 9 **None** (0% CBD or 0mg/g CBD)
- ☐ 10 Don't know/Not sure

**M15h** *Show if M14 8 Used Topicals past 12 months*

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Topicals – e.g., lotion, ointment, creams applied to skin?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels

- ☐ 1 **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ 2 **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ 3 **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ 4 **None** (0% THC or 0mg/g THC)
- ☐ 5 Don't know/Not sure

CBD Levels

- ☐ 6 **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ 7 **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ 8 **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ 9 **None** (0% CBD or 0mg/g CBD)
- ☐ 10 Don't know/Not sure

**M15i** *Show if M14 9 Used Other past 12 months*

When choosing cannabis products for **medical** purposes, what levels of THC and CBD do you typically use for:

**Other: <<M14.specify(9)>>?**

*Please make a selection in each of the CBD and THC sections.*

THC Levels



- ☐ <sub>1</sub> **High** (greater than 20% THC or greater than 200mg/g THC)
- ☐ <sub>2</sub> **Moderate** (between 10% and 20% THC or 100mg/g to 200mg/g THC)
- ☐ <sub>3</sub> **Low** (less than 10% THC or less than 100mg/g THC)
- ☐ <sub>4</sub> **None** (0% THC or 0mg/g THC)
- ☐ <sub>5</sub> Don't know/Not sure
- CBD Levels
- ☐ <sub>6</sub> **High** (greater than 20% CBD or greater than 200mg/g CBD)
- ☐ <sub>7</sub> **Moderate** (between 10% and 20% CBD or 100mg/g to 200mg/g CBD)
- ☐ <sub>8</sub> **Low** (less than 10% CBD or less than 100mg/g CBD)
- ☐ <sub>9</sub> **None** (0% CBD or 0mg/g CBD)
- ☐ <sub>10</sub> Don't know/Not sure

**M16** *Show if Q18 Medical user past 12 months*

In the **past 12 months**, how often have you used the following cannabis products for **medical** purposes?

1. Dried flower/leaf *(Show if M14 1 Used Dried flower leaf past 12 months)*
  2. Hashish/kief *(Show if M14 2 Used Hashish kief past 12 months)*
  3. Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle  
*(Show if M14 3 Used Cannabis oil for oral past 12 months)*
  4. Cannabis vape pens/cartridges *(Show if M14 4 Used Cannabis vape pen past 12 months)*
  5. Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil *(Show if M14 5 Used Cannabis concentrate past 12 months)*
  6. Cannabis edible food products – e.g., cookies, candy *(Show if M14 6 Used Cannabis edibles past 12 months)*
  7. Cannabis beverages – e.g., cola, tea, coffee *(Show if M14 7 Used Cannabis beverages past 12 months)*
  8. Topicals – e.g., lotion, ointment, creams applied to skin *(Show if M14 8 Used Topicals past 12 months)*
  9. Other: <<M14.specify(9)>> *(Show if M14 9 Used Other past 12 months)*
- 
- ☐ <sub>1</sub> Less than 1 day per month
- ☐ <sub>2</sub> 1 day per month
- ☐ <sub>3</sub> 2 or 3 days per month
- ☐ <sub>4</sub> 1 or 2 day(s) per week
- ☐ <sub>5</sub> 3 or 4 days per week
- ☐ <sub>6</sub> 5 or 6 days per week
- ☐ <sub>7</sub> Daily

**M17a** Show if M14 1 Used Dried flower leaf past 12 months

On the days that you used:

**Dried flower/leaf for medical purposes**, how much did you typically use in a day?

*Please select the amount closest to what you typically use*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 50mg (1/20g) to 500mg (1/2g)|50 mg (1/20g)
- ☐ 3 50mg (1/20g) to 500mg (1/2g)|100mg (1/10g)
- ☐ 4 50mg (1/20g) to 500mg (1/2g)|125mg (1/8g)
- ☐ 5 50mg (1/20g) to 500mg (1/2g)|250mg (1/4g)
- ☐ 6 50mg (1/20g) to 500mg (1/2g)|500mg (1/2g)
- ☐ 7 1g to 3.5g (1/8oz)|1g
- ☐ 8 1g to 3.5g (1/8oz)|1.5g
- ☐ 9 1g to 3.5g (1/8oz)|2g
- ☐ 10 1g to 3.5g (1/8oz)|2.5g
- ☐ 11 1g to 3.5g (1/8oz)|3g
- ☐ 12 1g to 3.5g (1/8oz)|3.5g (1/8oz)
- ☐ 13 4g to 8g|4g
- ☐ 14 4g to 8g|5g
- ☐ 15 4g to 8g|6g
- ☐ 16 4g to 8g|7g (1/4oz)
- ☐ 17 4g to 8g|8g
- ☐ 18 9g to 13g|9g
- ☐ 19 9g to 13g|10g
- ☐ 20 9g to 13g|11g
- ☐ 21 9g to 13g|12g
- ☐ 22 9g to 13g|13g
- ☐ 23 14g (1/2oz) to 18g|14g (1/2oz)
- ☐ 24 14g (1/2oz) to 18g|15g
- ☐ 25 14g (1/2oz) to 18g|16g
- ☐ 26 14g (1/2oz) to 18g|17g
- ☐ 27 14g (1/2oz) to 18g|18g
- ☐ 28 19g to 23g|19g
- ☐ 29 19g to 23g|20g
- ☐ 30 19g to 23g|21g (3/4oz)
- ☐ 31 19g to 23g|22g
- ☐ 32 19g to 23g|23g
- ☐ 33 24g to >28g (1oz)|24g
- ☐ 34 24g to >28g (1oz)|25g
- ☐ 35 24g to >28g (1oz)|26g
- ☐ 36 24g to >28g (1oz)|27g
- ☐ 37 24g to >28g (1oz)|28g (1oz)
- ☐ 38 24g to >28g (1oz)|>28g (1oz)

**M17b** Show if M14 2 Used Hashish kief past 12 months

On the days that you used:

**Hashish/kief for medical purposes, how much did you typically use in a day?**

*Please select the amount closest to what you typically use*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 50mg (1/20g) to 500mg (1/2g)|50mg (1/20g)
- ☐ 3 50mg (1/20g) to 500mg (1/2g)|100mg (1/10g)
- ☐ 4 50mg (1/20g) to 500mg (1/2g)|125mg (1/8g)
- ☐ 5 50mg (1/20g) to 500mg (1/2g)|250mg (1/4g)
- ☐ 6 50mg (1/20g) to 500mg (1/2g)|500mg (1/2g)
- ☐ 7 1g to 3g|1g
- ☐ 8 1g to 3g|1.5g
- ☐ 9 1g to 3g|2g
- ☐ 10 1g to 3g|2.5g
- ☐ 11 1g to 3g|3g
- ☐ 12 3.5g (1/8oz) to 7g (1/4oz)|3.5g (1/8oz)
- ☐ 13 3.5g (1/8oz) to 7g (1/4oz)|4g
- ☐ 14 3.5g (1/8oz) to 7g (1/4oz)|5g
- ☐ 15 3.5g (1/8oz) to 7g (1/4oz)|6g
- ☐ 16 3.5g (1/8oz) to 7g (1/4oz)|7g (1/4oz)
- ☐ 17 8g to 12g|8g
- ☐ 18 8g to 12g|9g
- ☐ 19 8g to 12g|10g
- ☐ 20 8g to 12g|11g
- ☐ 21 8g to 12g|12g
- ☐ 22 13g to >14g (1/2oz)|13g
- ☐ 23 13g to >14g (1/2oz)|14g (1/2oz)
- ☐ 24 13g to >14g (1/2oz)|>14g (1/2oz)

**M17c** Show if M14 3 Used Cannabis oil for oral past 12 months

On the days that you used:

**Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle for medical purposes, how much did you typically use in a day?**

*Please select the amount closest to what you typically use*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.05ml (1/20ml)
- ☐ 3 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.1ml (1/10ml)
- ☐ 4 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.125ml (1/8ml)
- ☐ 5 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.25ml (1/4ml)
- ☐ 6 Answer in ml|0.05ml (1/20ml) to 0.5ml (1/2ml)|0.5ml (1/2ml)
- ☐ 7 Answer in ml|1ml to 3ml|1ml
- ☐ 8 Answer in ml|1ml to 3ml|1.5ml
- ☐ 9 Answer in ml|1ml to 3ml|2ml

- ☐ 10 Answer in ml|1ml to 3ml|2.5ml
- ☐ 11 Answer in ml|1ml to 3ml|3ml
- ☐ 12 Answer in ml|3.5ml to 7ml|3.5ml
- ☐ 13 Answer in ml|3.5ml to 7ml|4ml
- ☐ 14 Answer in ml|3.5ml to 7ml|5ml
- ☐ 15 Answer in ml|3.5ml to 7ml|6ml
- ☐ 16 Answer in ml|3.5ml to 7ml|7ml
- ☐ 17 Answer in ml|>7ml|>7ml
- ☐ 18 Answer in sprays|1 to 5 |1 spray
- ☐ 19 Answer in sprays|1 to 5 |2 sprays
- ☐ 20 Answer in sprays|1 to 5 |3 sprays
- ☐ 21 Answer in sprays|1 to 5 |4 sprays
- ☐ 22 Answer in sprays|1 to 5 |5 sprays
- ☐ 23 Answer in sprays|6 to 10 |6 sprays
- ☐ 24 Answer in sprays|6 to 10 |7 sprays
- ☐ 25 Answer in sprays|6 to 10 |8 sprays
- ☐ 26 Answer in sprays|6 to 10 |9 sprays
- ☐ 27 Answer in sprays|6 to 10 |10 sprays
- ☐ 28 Answer in sprays|>10 |>10 sprays
- ☐ 29 Answer in capsules/softgels|1 to 5 |1 capsule/softgel
- ☐ 30 Answer in capsules/softgels|1 to 5 |2 capsules/softgels
- ☐ 31 Answer in capsules/softgels|1 to 5 |3 capsules/softgels
- ☐ 32 Answer in capsules/softgels|1 to 5 |4 capsules/softgels
- ☐ 33 Answer in capsules/softgels|1 to 5 |5 capsules/softgels
- ☐ 34 Answer in capsules/softgels|6 to 10 |6 capsules/softgels
- ☐ 35 Answer in capsules/softgels|6 to 10 |7 capsules/softgels
- ☐ 36 Answer in capsules/softgels|6 to 10 |8 capsules/softgels
- ☐ 37 Answer in capsules/softgels|6 to 10 |9 capsules/softgels
- ☐ 38 Answer in capsules/softgels|6 to 10 |10 capsules/softgels
- ☐ 39 Answer in capsules/softgels|>10 |>10 capsules/softgels

**M17d** *Show if M14 4 Used Cannabis vape pen past 12 months*

On the days that you used:

**Cannabis vape pens/cartridges for medical purposes**, how much did you typically use in a day?

*Please select the amount closest to what you typically use*

- ☐ 1 A cartridge lasts 30 use days
- ☐ 2 A cartridge lasts 21 use days
- ☐ 3 A cartridge lasts 14 use days
- ☐ 4 A cartridge lasts 10 use days
- ☐ 5 A cartridge lasts 7 use days
- ☐ 6 A cartridge lasts 6 use days
- ☐ 7 A cartridge lasts 5 use days
- ☐ 8 A cartridge lasts 4 use days

- ☐ <sub>9</sub> A cartridge lasts 3 use days
- ☐ <sub>10</sub> A cartridge lasts 2 use days
- ☐ <sub>11</sub> A cartridge lasts 1 use day

**M17e** *Show if M14 5 Used Cannabis concentrate past 12 months*

On the days that you used:

**Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil for medical purposes, how much did you typically use in a day?**

*Please select the amount closest to what you typically use*

- ☐ <sub>1</sub> 10mg (1/100g)
- ☐ <sub>2</sub> 25mg (1/40g)
- ☐ <sub>3</sub> 50mg (1/20g)
- ☐ <sub>4</sub> 100mg (1/10g)
- ☐ <sub>5</sub> 125mg (1/8g)
- ☐ <sub>6</sub> 250mg (1/4g)
- ☐ <sub>7</sub> 500mg (1/2g)
- ☐ <sub>8</sub> 1g
- ☐ <sub>9</sub> 1.5g
- ☐ <sub>10</sub> 2g
- ☐ <sub>11</sub> 2.5g
- ☐ <sub>12</sub> 3g
- ☐ <sub>13</sub> 3.5g (1/8oz)

**M17f** *Show if M14 6 Used Cannabis edibles past 12 months*

On the days that you used:

**Cannabis edible food products – e.g., cookies, candy for medical purposes, how much did you typically use in a day?**

*Please select the amount closest to what you typically use*

- ☐ <sub>1</sub> \_\_TREE\_QUESTION\_\_
- ☐ <sub>2</sub> Less than 1 serving|1/8 serving
- ☐ <sub>3</sub> Less than 1 serving|1/4 serving
- ☐ <sub>4</sub> Less than 1 serving|1/2 serving
- ☐ <sub>5</sub> Less than 1 serving|3/4 serving
- ☐ <sub>6</sub> 1 to 2.5 servings|1 serving
- ☐ <sub>7</sub> 1 to 2.5 servings|1.5 servings
- ☐ <sub>8</sub> 1 to 2.5 servings|2 servings
- ☐ <sub>9</sub> 1 to 2.5 servings|2.5 servings
- ☐ <sub>10</sub> 3 to 6 servings|3 servings
- ☐ <sub>11</sub> 3 to 6 servings|3.5 servings
- ☐ <sub>12</sub> 3 to 6 servings|4 servings
- ☐ <sub>13</sub> 3 to 6 servings|4.5 servings
- ☐ <sub>14</sub> 3 to 6 servings|5 servings

- ☐ 15 3 to 6 servings|6 servings
- ☐ 16 7 to >10 servings|7 servings
- ☐ 17 7 to >10 servings|8 servings
- ☐ 18 7 to >10 servings|9 servings
- ☐ 19 7 to >10 servings|10 servings
- ☐ 20 7 to >10 servings|>10 servings

**M17g** Show if M14 7 Used Cannabis beverages past 12 months

On the days that you used:

**Cannabis beverages – e.g., cola, tea, coffee** for **medical** purposes, how much did you typically use in a day?

*Please select the amount closest to what you typically use*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 30ml (1/8cup) to 500ml (2cups)|30ml (1/8cup)
- ☐ 3 30ml (1/8cup) to 500ml (2cups)|62.5ml (1/4cup)
- ☐ 4 30ml (1/8cup) to 500ml (2cups)|125ml (1/2cup)
- ☐ 5 30ml (1/8cup) to 500ml (2cups)|187.5ml (3/4cup)
- ☐ 6 30ml (1/8cup) to 500ml (2cups)|250ml (1cup)
- ☐ 7 30ml (1/8cup) to 500ml (2cups)|375ml (1.5cups)
- ☐ 8 30ml (1/8cup) to 500ml (2cups)|500ml (2cups)
- ☐ 9 625ml (2.5cups) to 1000ml (1litre) (4cups)|625ml (2.5cups)
- ☐ 10 625ml (2.5cups) to 1000ml (1litre) (4cups)|750ml (3cups)
- ☐ 11 625ml (2.5cups) to 1000ml (1litre) (4cups)|875ml (3.5cups)
- ☐ 12 625ml (2.5cups) to 1000ml (1litre) (4cups)|1000ml (1litre) (4cups)
- ☐ 13 1125ml (4.5cups) to 1750ml (7cups)|1125ml (4.5cups)
- ☐ 14 1125ml (4.5cups) to 1750ml (7cups)|1250ml (5cups)
- ☐ 15 1125ml (4.5cups) to 1750ml (7cups)|1500ml (1.5litres) (6cups)
- ☐ 16 1125ml (4.5cups) to 1750ml (7cups)|1750ml (7cups)
- ☐ 17 2000ml (2litres) (8cups) to 2500ml (2.5litres) (10cups)|2000ml (2litres) (8cups)
- ☐ 18 2000ml (2litres) (8cups) to 2500ml (2.5litres) (10cups)|2250ml (9cups)
- ☐ 19 2000ml (2litres) (8cups) to 2500ml (2.5litres) (10cups)|2500ml (2.5litres) (10cups)

**M17h** Show if M14 8 Used Topicals past 12 months

On the days that you used:

**Topicals – e.g., lotion, ointment, creams applied to skin** for **medical** purposes, how much did you typically use in a day?

*Please do not enter personally-identifying information.*

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**M17i** Show if M14 9 Used Other past 12 months

On the days that you used:

**Other: <<M14.specify(9)>>** for **medical** purposes, how much did you typically use in a day?

*Please do not enter personally-identifying information.*

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**M18** Show if Q18 Medical user past 12 months

How much do you typically spend on cannabis for medical purposes each month?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter estimated dollar amount

- ☐ <sub>-8</sub> Prefer not to answer  
☐ <sub>-9</sub> More than \$1,000

**M19** Show if Q18 Medical user past 12 months

In the **past 30 days**, have you used cannabis for **medical** purposes (used to treat disease/disorder or improve symptoms)?

- ☐ <sub>1</sub> Yes  
☐ <sub>2</sub> No

**M20a** Show if M19 Medical user past 30 days

In the **past 30 days**, how much did you spend on cannabis for **medical** purposes obtained from a **legal** source?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter estimated dollar amount

- ☐ <sub>-8</sub> Prefer not to answer  
☐ <sub>-9</sub> More than \$1,000

**M20b** *Show if M19 Medical user past 30 days*

In the **past 30 days**, how much did you spend on cannabis for **medical** purposes obtained from an **illegal** source?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter estimated dollar amount

- ☐ <sub>-8</sub> Prefer not to answer
- ☐ <sub>-9</sub> More than \$1,000

**M21** *Show if M19 Medical user past 30 days*

In the **past 30 days**, which forms of cannabis have you bought or received for **medical** purposes?

*Select all that apply*

- ☐ <sub>1</sub> Dried flower/leaf
- ☐ <sub>2</sub> Hashish/kief
- ☐ <sub>3</sub> Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle
- ☐ <sub>4</sub> Cannabis vape pens/cartridges
- ☐ <sub>5</sub> Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil
- ☐ <sub>6</sub> Cannabis edible food products – e.g., cookies, candy
- ☐ <sub>7</sub> Cannabis beverages – e.g., cola, tea, coffee
- ☐ <sub>8</sub> Topicals – e.g., lotion, ointment, creams applied to skin
- ☐ <sub>9</sub> Other (please specify): \_\_\_\_\_

**M22** *Show if M19 Medical user past 30 days*

In the **past 30 days**, how often did you buy or receive cannabis for **medical** purposes?

1. Dried flower/leaf *(Show if M21 1 Obtained Dried flower leaf past 30 day)*
2. Hashish/kief *(Show if M21 2 Obtained Hashish kief past 30 days)*
3. Cannabis oil for oral use – e.g., in dropper/syringe, softgel/capsules, spray bottle  
*(Show if M21 3 Obtained Cannabis oil for oral past 30 days)*
4. Cannabis vape pens/cartridges *(Show if M21 4 Obtained Cannabis vape pens past 3 days)*
5. Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil *(Show if M21 5 Obtained Cannabis concentrate past 30 days)*
6. Cannabis edible food products – e.g., cookies, candy *(Show if M21 6 Obtained Cannabis edibles past 30 days)*
7. Cannabis beverages – e.g., cola, tea, coffee *(Show if M21 7 Obtained Cannabis beverages past 30 days)*
8. Topicals – e.g., lotion, ointment, creams applied to skin *(Show if M21 8 Obtained Topicals past 30 days)*
9. Other: <<M21.specify(9)>> *(Show if M21 9 Obtained Other past 30 days)*

- ☐ <sub>1</sub> Once
- ☐ <sub>2</sub> Twice
- ☐ <sub>3</sub> Three times
- ☐ <sub>4</sub> Four times
- ☐ <sub>5</sub> Five times
- ☐ <sub>6</sub> More than 5 times



**M23a1** Show if M21 1 Obtained Dried flower leaf past 30 day

**Typically**, how much cannabis in the form:

**Dried flower/leaf** did you buy or receive each time for **medical** purposes?

*Please select the amount closest to what you typically bought or received each time.*

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 1 joint to 3g | 1 joint
- ☐ 3 1 joint to 3g | 500mg (1/2g)
- ☐ 4 1 joint to 3g | 1g
- ☐ 5 1 joint to 3g | 1.5g
- ☐ 6 1 joint to 3g | 2g
- ☐ 7 1 joint to 3g | 2.5g
- ☐ 8 1 joint to 3g | 3g
- ☐ 9 3.5g (1/8oz) to 9g | 3.5g (1/8oz)
- ☐ 10 3.5g (1/8oz) to 9g | 4g
- ☐ 11 3.5g (1/8oz) to 9g | 5g
- ☐ 12 3.5g (1/8oz) to 9g | 6g
- ☐ 13 3.5g (1/8oz) to 9g | 7g (1/4oz)
- ☐ 14 3.5g (1/8oz) to 9g | 8g
- ☐ 15 3.5g (1/8oz) to 9g | 9g
- ☐ 16 10g to 16g | 10g
- ☐ 17 10g to 16g | 11g
- ☐ 18 10g to 16g | 12g
- ☐ 19 10g to 16g | 13g
- ☐ 20 10g to 16g | 14g (1/2oz)
- ☐ 21 10g to 16g | 15g
- ☐ 22 10g to 16g | 16g
- ☐ 23 17g to 25g | 17g
- ☐ 24 17g to 25g | 18g
- ☐ 25 17g to 25g | 19g
- ☐ 26 17g to 25g | 20g
- ☐ 27 17g to 25g | 21g (3/4oz)
- ☐ 28 17g to 25g | 22g
- ☐ 29 17g to 25g | 23g
- ☐ 30 17g to 25g | 24g
- ☐ 31 17g to 25g | 25g
- ☐ 32 26g to >1kg | 26g
- ☐ 33 26g to >1kg | 27g
- ☐ 34 26g to >1kg | 28g (1oz)
- ☐ 35 26g to >1kg | 56g (2oz)
- ☐ 36 26g to >1kg | 84g (3oz)
- ☐ 37 26g to >1kg | 1/4lb (4oz)
- ☐ 38 26g to >1kg | 1/2lb (8oz)

- ☐ <sub>39</sub> 26g to >1kg|3/4lb (12oz)
- ☐ <sub>40</sub> 26g to >1kg|1lb (16oz)
- ☐ <sub>41</sub> 26g to >1kg|1kg (1000g)
- ☐ <sub>42</sub> 26g to >1kg|>1kg

**M23b1** *Show if M21 1 Obtained Dried flower leaf past 30 day*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ <sub>-8</sub> More than \$1,000
- ☐ <sub>-9</sub> Prefer not to answer

**M23a2** *Show if M21 2 Obtained Hashish kief past 30 days*

**Typically**, how much cannabis in the form:

**Hashish/kief** did you buy or receive each time for **medical** purposes?

- ☐ <sub>1</sub> \_\_TREE\_QUESTION\_\_
- ☐ <sub>2</sub> <500mg (1/2g) to 3g|<500mg (1/2g)
- ☐ <sub>3</sub> <500mg (1/2g) to 3g|500mg (1/2g)
- ☐ <sub>4</sub> <500mg (1/2g) to 3g|1g
- ☐ <sub>5</sub> <500mg (1/2g) to 3g|1.5g
- ☐ <sub>6</sub> <500mg (1/2g) to 3g|2g
- ☐ <sub>7</sub> <500mg (1/2g) to 3g|2.5g
- ☐ <sub>8</sub> <500mg (1/2g) to 3g|3g
- ☐ <sub>9</sub> 3.5g (1/8oz) to 9g|3.5g (1/8oz)
- ☐ <sub>10</sub> 3.5g (1/8oz) to 9g|4g
- ☐ <sub>11</sub> 3.5g (1/8oz) to 9g|5g
- ☐ <sub>12</sub> 3.5g (1/8oz) to 9g|6g
- ☐ <sub>13</sub> 3.5g (1/8oz) to 9g|7g (1/4oz)
- ☐ <sub>14</sub> 3.5g (1/8oz) to 9g|8g
- ☐ <sub>15</sub> 3.5g (1/8oz) to 9g|9g
- ☐ <sub>16</sub> 10g to 16g|10g
- ☐ <sub>17</sub> 10g to 16g|11g
- ☐ <sub>18</sub> 10g to 16g|12g
- ☐ <sub>19</sub> 10g to 16g|13g
- ☐ <sub>20</sub> 10g to 16g|14g (1/2oz)
- ☐ <sub>21</sub> 10g to 16g|15g
- ☐ <sub>22</sub> 10g to 16g|16g
- ☐ <sub>23</sub> 17g to 23g|17g
- ☐ <sub>24</sub> 17g to 23g|18g
- ☐ <sub>25</sub> 17g to 23g|19g
- ☐ <sub>26</sub> 17g to 23g|20g

- ☐ 27 17g to 23g|21g (3/4oz)
- ☐ 28 17g to 23g|22g
- ☐ 29 17g to 23g|23g
- ☐ 30 24g to 84g (3oz)|24g
- ☐ 31 24g to 84g (3oz)|25g
- ☐ 32 24g to 84g (3oz)|26g
- ☐ 33 24g to 84g (3oz)|27g
- ☐ 34 24g to 84g (3oz)|28g (1oz)
- ☐ 35 24g to 84g (3oz)|56g (2oz)
- ☐ 36 24g to 84g (3oz)|84g (3oz)
- ☐ 37 1/4lb (4oz) to >1kg|1/4lb (4oz)
- ☐ 38 1/4lb (4oz) to >1kg|1/2lb (8oz)
- ☐ 39 1/4lb (4oz) to >1kg|3/4lb (12oz)
- ☐ 40 1/4lb (4oz) to >1kg|1lb (16oz)
- ☐ 41 1/4lb (4oz) to >1kg|1kg (1000g)
- ☐ 42 1/4lb (4oz) to >1kg|>1kg

**M23b2** Show if M21 2 Obtained Hashish kief past 30 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ -8 More than \$1,000
- ☐ -9 Prefer not to answer

**M23a3** Show if M21 3 Obtained Cannabis oil for oral past 30 days

**Typically**, how much cannabis in the form:

**Cannabis oil for oral use - e.g., in dropper/syringe, softgel/capsules, spray bottle** did you buy or receive each time for **medical** purposes?

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 Answer in ml|1ml to 5ml|1ml
- ☐ 3 Answer in ml|1ml to 5ml|2ml
- ☐ 4 Answer in ml|1ml to 5ml|3ml
- ☐ 5 Answer in ml|1ml to 5ml|4ml
- ☐ 6 Answer in ml|1ml to 5ml|5ml
- ☐ 7 Answer in ml|6ml to 10ml|6ml
- ☐ 8 Answer in ml|6ml to 10ml|7ml
- ☐ 9 Answer in ml|6ml to 10ml|8ml
- ☐ 10 Answer in ml|6ml to 10ml|9ml
- ☐ 11 Answer in ml|6ml to 10ml|10ml
- ☐ 12 Answer in ml|11ml to 15ml|11ml
- ☐ 13 Answer in ml|11ml to 15ml|12ml

- 14 Answer in ml|11ml to 15ml|13ml
- 15 Answer in ml|11ml to 15ml|14ml
- 16 Answer in ml|11ml to 15ml|15ml
- 17 Answer in ml|16ml to 20ml|16ml
- 18 Answer in ml|16ml to 20ml|17ml
- 19 Answer in ml|16ml to 20ml|18ml
- 20 Answer in ml|16ml to 20ml|19ml
- 21 Answer in ml|16ml to 20ml|20ml
- 22 Answer in ml|21ml to 30ml|25ml
- 23 Answer in ml|21ml to 30ml|30ml
- 24 Answer in ml|31ml to 40ml|35ml
- 25 Answer in ml|31ml to 40ml|40ml
- 26 Answer in ml|41ml to 50ml|45ml
- 27 Answer in ml|41ml to 50ml|50ml
- 28 Answer in ml|51ml to 60ml|55ml
- 29 Answer in ml|51ml to 60ml|60ml
- 30 Answer in ml|61ml to 70ml|65ml
- 31 Answer in ml|61ml to 70ml|70ml
- 32 Answer in ml|71ml to 80ml|75ml
- 33 Answer in ml|71ml to 80ml|80ml
- 34 Answer in ml|81ml to 90ml|85ml
- 35 Answer in ml|81ml to 90ml|90ml
- 36 Answer in ml|91ml to 100ml|95ml
- 37 Answer in ml|91ml to 100ml|100ml
- 38 Answer in ml|101ml to 120ml|110ml
- 39 Answer in ml|101ml to 120ml|120ml
- 40 Answer in ml|>120ml|>120ml
- 41 Answer in capsules/softgels|1 to 5|1 softgel/capsule
- 42 Answer in capsules/softgels|1 to 5|2 softgels/capsules
- 43 Answer in capsules/softgels|1 to 5|2 softgels/capsules
- 44 Answer in capsules/softgels|1 to 5|4 softgels/capsules
- 45 Answer in capsules/softgels|1 to 5|5 softgels/capsules
- 46 Answer in capsules/softgels|6 to 10|6 softgels/capsules
- 47 Answer in capsules/softgels|6 to 10|7 softgels/capsules
- 48 Answer in capsules/softgels|6 to 10|8 softgels/capsules
- 49 Answer in capsules/softgels|6 to 10|9 softgels/capsules
- 50 Answer in capsules/softgels|6 to 10|10 softgels/capsules
- 51 Answer in capsules/softgels|11 to 15|11 softgels/capsules
- 52 Answer in capsules/softgels|11 to 15|12 softgels/capsules
- 53 Answer in capsules/softgels|11 to 15|13 softgels/capsules
- 54 Answer in capsules/softgels|11 to 15|14 softgels/capsules
- 55 Answer in capsules/softgels|11 to 15|15 softgels/capsules
- 56 Answer in capsules/softgels|16 to 20|16 softgels/capsules
- 57 Answer in capsules/softgels|16 to 20|17 softgels/capsules

- ☐ 58 Answer in capsules/softgels|16 to 20|18 softgels/capsules
- ☐ 59 Answer in capsules/softgels|16 to 20|19 softgels/capsules
- ☐ 60 Answer in capsules/softgels|16 to 20|20 softgels/capsules
- ☐ 61 Answer in capsules/softgels|21 to 30|25 softgels/capsules
- ☐ 62 Answer in capsules/softgels|21 to 30|30 softgels/capsules
- ☐ 63 Answer in capsules/softgels|31 to 40|35 softgels/capsules
- ☐ 64 Answer in capsules/softgels|31 to 40|40 softgels/capsules
- ☐ 65 Answer in capsules/softgels|41 to 50|45 softgels/capsules
- ☐ 66 Answer in capsules/softgels|41 to 50|50 softgels/capsules
- ☐ 67 Answer in capsules/softgels|51 to 60|55 softgels/capsules
- ☐ 68 Answer in capsules/softgels|51 to 60|60 softgels/capsules
- ☐ 69 Answer in capsules/softgels|61 to 70|65 softgels/capsules
- ☐ 70 Answer in capsules/softgels|61 to 70|70 softgels/capsules
- ☐ 71 Answer in capsules/softgels|71 to 80|75 softgels/capsules
- ☐ 72 Answer in capsules/softgels|71 to 80|80 softgels/capsules
- ☐ 73 Answer in capsules/softgels|81 to 90|85 softgels/capsules
- ☐ 74 Answer in capsules/softgels|81 to 90|90 softgels/capsules
- ☐ 75 Answer in capsules/softgels|91 to 100|95 softgels/capsules
- ☐ 76 Answer in capsules/softgels|91 to 100|100 softgels/capsules
- ☐ 77 Answer in capsules/softgels|>100|>100 softgels/capsules

**M23b3** Show if M21 3 Obtained Cannabis oil for oral past 30 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ -8 More than \$1,000
- ☐ -9 Prefer not to answer

**M23a4** Show if M21 4 Obtained Cannabis vape pens past 3 days

**Typically**, how much cannabis in the form:

**Cannabis vape pens/cartridges** did you buy or receive each time for **medical** purposes?

- ☐ 1 1 cartridge/pen
- ☐ 2 2 cartridges/pens
- ☐ 3 3 cartridges/pens
- ☐ 4 4 cartridges/pens
- ☐ 5 5 cartridges/pens
- ☐ 6 6 cartridges/pens
- ☐ 7 7 cartridges/pens
- ☐ 8 8 cartridges/pens
- ☐ 9 9 cartridges/pens
- ☐ 10 10 cartridges/pens
- ☐ 11 >10 cartridges/pens

**M23b4** Show if M21 4 Obtained Cannabis vape pens past 3 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000  
☐ .9 Prefer not to answer

**M23a5** Show if M21 5 Obtained Cannabis concentrate past 30 days

**Typically**, how much cannabis in the form:

**Cannabis concentrate/extracts – e.g., shatter/wax/budder/butane honey oil** did you buy or receive each time for **medical** purposes?

- ☐ 1 \_\_TREE\_QUESTION\_\_  
☐ 2 <500mg (1/2g) to 3g|<500mg (1/2g)  
☐ 3 <500mg (1/2g) to 3g|500mg (1/2g)  
☐ 4 <500mg (1/2g) to 3g|1g  
☐ 5 <500mg (1/2g) to 3g|1.5g  
☐ 6 <500mg (1/2g) to 3g|2g  
☐ 7 <500mg (1/2g) to 3g|2.5g  
☐ 8 <500mg (1/2g) to 3g|3g  
☐ 9 3.5g (1/8oz) to 9g|3.5g (1/8oz)  
☐ 10 3.5g (1/8oz) to 9g|4g  
☐ 11 3.5g (1/8oz) to 9g|5g  
☐ 12 3.5g (1/8oz) to 9g|6g  
☐ 13 3.5g (1/8oz) to 9g|7g (1/4oz)  
☐ 14 3.5g (1/8oz) to 9g|8g  
☐ 15 3.5g (1/8oz) to 9g|9g  
☐ 16 10g to 16g|10g  
☐ 17 10g to 16g|11g  
☐ 18 10g to 16g|12g  
☐ 19 10g to 16g|13g  
☐ 20 10g to 16g|14g (1/2oz)  
☐ 21 10g to 16g|15g  
☐ 22 10g to 16g|16g  
☐ 23 17g to 23g|17g  
☐ 24 17g to 23g|18g  
☐ 25 17g to 23g|19g  
☐ 26 17g to 23g|20g  
☐ 27 17g to 23g|21g (3/4oz)  
☐ 28 17g to 23g|22g  
☐ 29 17g to 23g|23g

- ☐ 30 24g to 84g (3oz)|24g
- ☐ 31 24g to 84g (3oz)|25g
- ☐ 32 24g to 84g (3oz)|26g
- ☐ 33 24g to 84g (3oz)|27g
- ☐ 34 24g to 84g (3oz)|28g (1oz)
- ☐ 35 24g to 84g (3oz)|56g (2oz)
- ☐ 36 24g to 84g (3oz)|84g (3oz)
- ☐ 37 1/4lb (4oz) to >1kg|1/4lb (4oz)
- ☐ 38 1/4lb (4oz) to >1kg|1/2lb (8oz)
- ☐ 39 1/4lb (4oz) to >1kg|3/4lb (12oz)
- ☐ 40 1/4lb (4oz) to >1kg|1lb (16oz)
- ☐ 41 1/4lb (4oz) to >1kg|1kg (1000g)
- ☐ 42 1/4lb (4oz) to >1kg|>1kg

**M23b5** Show if M21 5 Obtained Cannabis concentrate past 30 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ -8 More than \$1,000
- ☐ -9 Prefer not to answer

**M23a6** Show if M21 6 Obtained Cannabis edibles past 30 days

**Typically**, how much cannabis in the form:

**Cannabis edible food products – e.g., cookies, candy** did you buy or receive each time for **medical** purposes?

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 1 to 5 servings|1 serving
- ☐ 3 1 to 5 servings|2 servings
- ☐ 4 1 to 5 servings|3 servings
- ☐ 5 1 to 5 servings|4 servings
- ☐ 6 1 to 5 servings|5 servings
- ☐ 7 6 to 10 servings|6 servings
- ☐ 8 6 to 10 servings|7 servings
- ☐ 9 6 to 10 servings|8 servings
- ☐ 10 6 to 10 servings|9 servings
- ☐ 11 6 to 10 servings|10 servings
- ☐ 12 15 to 50 servings|15 servings
- ☐ 13 15 to 50 servings|20 servings
- ☐ 14 15 to 50 servings|25 servings
- ☐ 15 15 to 50 servings|30 servings
- ☐ 16 15 to 50 servings|40 servings

- ☐ 17 15 to 50 servings|50 servings
- ☐ 18 >50 servings

**M23b6** Show if M21 6 Obtained Cannabis edibles past 30 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000
- ☐ .9 Prefer not to answer

**M23a7** Show if M21 7 Obtained Cannabis beverages past 30 days

**Typically**, how much cannabis in the form:

**Cannabis beverages – e.g., cola, tea, coffee** did you buy or receive each time for **medical** purposes?

- ☐ 1 \_\_TREE\_QUESTION\_\_
- ☐ 2 30ml (1/8cup) to 187.5ml (3/4cup)|30ml (1/8cup)
- ☐ 3 30ml (1/8cup) to 187.5ml (3/4cup)|62.5ml (1/4cup)
- ☐ 4 30ml (1/8cup) to 187.5ml (3/4cup)|125ml (1/2cup)
- ☐ 5 30ml (1/8cup) to 187.5ml (3/4cup)|187.5ml (3/4cup)
- ☐ 6 250ml (1cup) to 625ml (2.5cups)|250ml (1cup)
- ☐ 7 250ml (1cup) to 625ml (2.5cups)|375ml (1.5cups)
- ☐ 8 250ml (1cup) to 625ml (2.5cups)|500ml (2cups)
- ☐ 9 250ml (1cup) to 625ml (2.5cups)|625ml (2.5cups)
- ☐ 10 750ml (3cups) to 1125ml (4.5cups)|750ml (3cups)
- ☐ 11 750ml (3cups) to 1125ml (4.5cups)|875ml (3.5cups)
- ☐ 12 750ml (3cups) to 1125ml (4.5cups)|1000ml (1litre) (4cups)
- ☐ 13 750ml (3cups) to 1125ml (4.5cups)|1125ml (4.5cups)
- ☐ 14 1250ml (5cups) to 1750ml (7cups)|1250ml (5cups)
- ☐ 15 1250ml (5cups) to 1750ml (7cups)|1500ml (1.5litres) (6cups)
- ☐ 16 1250ml (5cups) to 1750ml (7cups)|1750ml (7cups)
- ☐ 17 2000ml (2litres) (8cups)
- ☐ 18 2250ml (9cups)
- ☐ 19 2500ml (2.5litres) (10cups)

**M23b7** Show if M21 7 Obtained Cannabis beverages past 30 days

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000
- ☐ .9 Prefer not to answer



**M23a8** *Show if M21 8 Obtained Topicals past 30 days*

**Typically**, how much cannabis in the form:

**Topicals – e.g., lotion, ointment, creams applied to skin** did you buy or receive each time for **medical** purposes?

*Please do not enter personally-identifying information.*

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**M23b8** *Show if M21 8 Obtained Topicals past 30 days*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000  
☐ .9 Prefer not to answer

**M23a9** *Show if M21 9 Obtained Other past 30 days*

**Typically**, how much cannabis in the form:

**Other: <<M21.specify(9)>>** did you buy or receive each time for **medical** purposes?

*Please do not enter personally-identifying information.*

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**M23b9** *Show if M21 9 Obtained Other past 30 days*

How much did you pay for this amount?

Minimum: 0.0, Maximum: 1000.0

\_\_\_\_\_ Enter dollar amount

- ☐ .8 More than \$1,000  
☐ .9 Prefer not to answer

**M24** *Show if Q18 Medical user past 12 months*

In your opinion, does using cannabis for **medical** purposes impair one's ability to drive or operate a motor vehicle?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No
- ☐ <sub>3</sub> It depends (please specify) \_\_\_\_\_
- ☐ <sub>4</sub> Don't know/Not sure

**M25** *Show if Q18 Medical user past 12 months*

As far as you know, when is it safe for someone to drive a motor vehicle after using cannabis for **medical** purposes?

- ☐ <sub>1</sub> Immediately
- ☐ <sub>2</sub> 30 minutes to just under 1 hour
- ☐ <sub>3</sub> 1 hour to just under 3 hours
- ☐ <sub>4</sub> 3 hours to just under 5 hours
- ☐ <sub>5</sub> 5 hours to just under 7 hours
- ☐ <sub>6</sub> 7 hours to 8 hours
- ☐ <sub>7</sub> More than 8 hours after
- ☐ <sub>8</sub> Other (please specify): \_\_\_\_\_
- ☐ <sub>9</sub> Don't know/Not sure

**M26** *Show if Q18 Medical user past 12 months*

Have you driven a motor vehicle (e.g., car, snowmobile, motor boat or all-terrain vehicle (ATV)) **within 2 hours of smoking or vaporizing** cannabis or a cannabis product for **medical** purposes?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**M26a** *Show if M26 Yes driven within 2hrs of smoking vaping*

When did this last happen?

- ☐ <sub>1</sub> Within the past 30 days
- ☐ <sub>2</sub> Within the past 12 months
- ☐ <sub>3</sub> More than 12 months ago

**M26b** *Show if M26 Yes AND M26a within past 30 days*

What type of cannabis product was it?

- ☐ <sub>1</sub> THC only
- ☐ <sub>2</sub> CBD only
- ☐ <sub>3</sub> THC predominant (i.e., but has a lower level of CBD)
- ☐ <sub>4</sub> CBD predominant (i.e., but has a lower level of THC)
- ☐ <sub>5</sub> Equal levels of THC and CBD
- ☐ <sub>6</sub> Don't know/Not sure

**M27** *Show if Q18 Medical user past 12 months*

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) for **medical** purposes?

- ☐ <sub>1</sub> Yes
- ☐ <sub>2</sub> No

**M27a** *Show if M27 Yes driven within 4hrs of eating*

When did this last happen?

- ☐ <sub>1</sub> Within the past 30 days
- ☐ <sub>2</sub> Within the past 12 months
- ☐ <sub>3</sub> More than 12 months ago

**M27b** *Show if M27 Yes AND M27a within past 30 days*

What type of cannabis product was it?

- ☐ <sub>1</sub> THC only
- ☐ <sub>2</sub> CBD only
- ☐ <sub>3</sub> THC predominant (i.e., but has a lower level of CBD)
- ☐ <sub>4</sub> CBD predominant (i.e., but has a lower level of THC)
- ☐ <sub>5</sub> Equal levels of THC and CBD
- ☐ <sub>6</sub> Don't know/Not sure

**M28** *Show if M26 Yes driven 2hrs smoking vaping OR M27 Yes driven 4hrs eating*

Why did you drive a motor vehicle after using cannabis for **medical** purposes?

*Select all that apply*

- ☐ <sub>1</sub> I did not feel impaired
- ☐ <sub>2</sub> I did not believe I would be caught by police/law enforcement
- ☐ <sub>3</sub> I did not have alternative transportation
- ☐ <sub>4</sub> I thought I could drive carefully
- ☐ <sub>5</sub> I did not have to drive very far
- ☐ <sub>6</sub> Other (please specify): \_\_\_\_\_

## Section Pretest

P1, P2

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### Page PretestQs

#### P1

We would now like your opinion on this survey itself.

Overall, how would you rate the extent to which the questions in this survey were easy to understand? Please use a scale from 0 to 10 where 0 means very difficult, and 10 means very easy.

- ☐ 0      0 - Very difficult
- ☐ 1      1
- ☐ 2      2
- ☐ 3      3
- ☐ 4      4
- ☐ 5      5
- ☐ 6      6
- ☐ 7      7
- ☐ 8      8
- ☐ 9      9
- ☐ 10     10 - Very easy

#### P2      *Show if P1 Less than 8*

Please tell us why you gave this rating to the survey. What specific words or questions did you find difficult to understand?

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☐ -8      Prefer not to answer

## Section Ending

F1, End1

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### Page Ends

#### F1

Finally, would you be willing to participate in this study again in the future?

- ☐ 1      Yes
- ☐ 2      No

## **End1**

You have now completed the survey

Thank you very much for participating in this survey.

Status Code: -1