International Cannabis Policy Study

WAVE 5 SURVEY (2022)

AUGUST 2022

UNIVERSITY OF
WATERLOO

ETHICS CLEARANCE

THE PROJECT HAS BEEN REVIEWED BY AND RECEIVED ETHICS CLEARANCE THROUGH A UNIVERSITY OF WATERLOO RESEARCH ETHICS COMMITTEE (ORE#31330).

SUGGESTED CITATION

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INTRODUCTION

The primary objective of the current study is to examine the impact of cannabis legalization on Canadians. The study examined five primary research questions, including the extent to which legalization is associated with changes in: 1) prevalence and patterns of cannabis use, including use among 'minors' and levels of dependence; 2) risk behaviours, including driving after cannabis use and use in 'high risk' occupational settings; and 3) the commercial retail environment, including the price and the type of products used, the use of high potency products, and the extent to which consumers shift from 'illicit' to 'legal' sources of cannabis; 4) perceptions of risk and social norms; and 5) the effectiveness of specific regulatory policies, including advertising restrictions, product labelling and warnings, public education campaigns, and the use of cannabis in public spaces and workplaces.

The pre-legalization baseline or 'Wave 1' survey was conducted from August-October 2018 with 27,169 respondents aged 16–65 years living in one of three jurisdictions: 1) Canada (n=10,057), 2) US states that have legalized non-medical cannabis (n=7,398), and 3) US states in which non-medical cannabis remains illegal (n=9,714). In Canada, approximately 1,000 respondents will be recruited from each province to examine differences in provincial policies and retail markets. This survey will be repeated annually (at 12-, 24- and 36-months follow-up) to monitor changes over time, as well as key mediators and moderatos of use, in each of three jurisdictions.

STUDY PROTOCOL

OVERVIEW

Data for the Wave 1 baseline survey (n=27,169) were collected via a web-based survey from August 27 to October 7, 2018. Data for the Wave 2 survey (n=47,747) were collected from September 13 to October 31, 2019. Data for the Wave 3 survey (n=45,680) were collected from September 3 to November 2, 2020. Data for the Wave 4 survey (n=52,938) were collected from September 14 to November 8, 2021. Participants completed a comprehensive survey on the prevalence and patterns of cannabis use, as well as risk behaviours, social norms, etc.

SAMPLE AND RECRUITMENT
Sample Eligibility
Individuals were eligible to participate if they resided in a Canadian province or US state, were 16–65 years old at the time of recruitment, and had access to the internet.

Recruitment and Consent
Respondents from Canadian provinces and US states were recruited using the *Nielsen Consumer Insights Global Panel*, which maintains panels in Canada and the US (http://www.nielsen.com/ca/en/about-us.html). The Nielsen panels are recruited using both probability and nonprobability sampling methods in each country. For the current project, Nielsen drew stratified random samples from the online panels in each

country, based on known proportions in each age group. To account for differential response rates, Nielsen modified these sampling proportions to place greater weight on sub-groups with lower response rates.

SURVEY CONTENT
Respondents completed an online survey in English or French. Survey measures were drawn or adapted from national surveys or selected based on previous research. Development included focus groups and cognitive interviewing with youth and young adults, as well as an extensive pilot test with 1,045 Canadians aged 16-30. The survey includes models on the following content areas:

- prevalence and patterns of cannabis use
- cannabis purchasing and price
- cannabis consumption and modes of use
- commercial retail environment
- risk behaviours
- cannabis knowledge, perceptions of risk and social norms
- exposure to health warnings and public educational campaigns
- exposure to cannabis marketing and branding
- substance use and other risk behaviours
- socio-demographics, postal code, and socio-economic status

STUDY INFORMATION & INFORMED CONSENT

Note: Variable names are in square brackets	
LANGUAGE	Select your language and click "Continue." Sélectionnez votre langue et cliquez sur « Continue ». 1= English 2= Français (Canadien) UNIVERSE: ALL
	To see if you are eligible for this survey, please answer a few short questions about yourself. **Your responses will remain strictly confidential.**
COUNTRY **[COUNTRY]**	PROGRAMMER NOTE: IF COUNTRY=3 (Other), individual must be disqualified from survey. This is a mandatory question. What country do you currently live in? 1= Canada 2= USA 3= Australia 4= New Zealand 5= Other PROGRAMMER NOTE: If COUNTRY=5 OR LANGUAGE=2 AND COUNTRY=2-4, THEN: "Thank you for your time." END SURVEY UNIVERSE: ALL
AGE **[AGE]**	**How old are you today? _____ [numeric]** PROGRAMMER NOTE: Numeric entry [Value [00] = 16 to 65]; **IF** [AGE<16 OR >65; "Sorry, you are not eligible to participate in this study, thank you for your time." This is a mandatory question. Allow 66+ in Canada only.
INFO SCREEN **[INFO1]**	Please read the following information before you decide whether or not to participate. 1. The purpose of this research study is to understand marijuana use and the impact of marijuana policies in different [US: "states", Canada: "provinces", Australia: "states/territory", NZ: "regions"] and countries.

2. You will be asked about marijuana (NZ: 'cannabis) use and your opinions about marijuana use. You will be asked some questions about other health-related behaviours and your background.

3. This study is being led by Professor David Hammond at the University of Waterloo, Canada in collaboration with researchers from Massey University, New Zealand (Ass. Professor Chris Wilkins, Dr. Marta Rychert) and the University of Queensland in Australia (Professor Wayne Hall, Dr. Gary Chan).

4. As a thank you for participating, the survey firm will provide their usual compensation to the panel member.

5. This survey will take about 25 minutes to complete.

6. You must be between 16 and 65 years of age to participate in this study.

7. Participation is voluntary. Some questions are required to complete the survey; for all other questions, you can click 'refuse to answer' to any question you do not wish to answer and will still receive your remuneration.

8. You can withdraw from the study at any time by closing your browser; however, you will not receive compensation.

9. Summary findings may be shared with other researchers and/or published. However, all of the information you provide will be grouped with responses from other participants, which means that there will be no way to identify participants individually.

10. The data will be stored for a minimum of 7 years on a secure University of Waterloo server. Researchers will <u>not</u> collect or use internet protocol (IP) addresses or other information which could link your responses to your computer or electronic device. When information is transmitted over the internet, privacy cannot be guaranteed. There is always a risk your responses may be intercepted by a third party (e.g., government agencies, hackers).

11. This study has been reviewed and received ethics clearance through a University of Waterloo Research Ethics Committee (ORE #31330/22392). If you have questions for the Committee contact the Office of Research Ethics, at 1-519-888-4567 ext. 36005 or ore-ceo@uwaterloo.ca.

12. By providing your consent, you are not waiving your legal rights or releasing the investigator(s) or involved institution(s) from their legal and professional responsibilities.

13. For all other questions about the study, please contact Professor David Hammond of the University of Waterloo at 1-519-888-4567 ext. 46462 or david.hammond@uwaterloo.ca.

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CONSENT **[CONSENT]**	Based on the information you received, do you agree to take part in this research study being conducted by Professor David Hammond of the University of Waterloo [NZ: 'and Associate Professor Chris Wilkins at Massey University'/AUS: 'and Emeritus Professor Wayne Hall at University of Queensland']? 1=Yes 2=No PROGRAMMER NOTE: If CONSENT=2, THEN: "Thank you for your time." END SURVEY

SOCIODEMOGRAPHIC QUESTIONS

DEMOGRAPHICS INTRO	The first few questions help us learn a little more about you. UNIVERSE: ALL
SEX **[SEX.BIRTH]** *Source: CCHS*	**PROGRAMMER NOTE**: This is a mandatory question. What sex were you assigned at birth, on your original birth certificate? (We'll ask you about what gender you identify with later.) 1= Female 2= Male 3= Intersex -77= Don't know -88= Refuse to answer UNIVERSE: ALL **PROGRAMMER NOTE**: If SEX.BIRTH= -77 or -88, display text: Unfortunately, we need to know your sex to determine your eligibility for the study. Would you like to answer this question? 1= Yes **[PROGRAMMER:** Take them back to SEX.BIRTH] 2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [**PROGRAMMER**: show text: "We understand—thanks for your time."] [END SURVEY]
REGION CANADA **[PROVINCE.CANADA]**	**PROGRAMMER NOTE**: This is a mandatory question. Which province or territory do you currently live in?

	[insert drop-down list of provinces and territories] 1=British Columbia 2=Alberta 3=Saskatchewan 4=Manitoba 5=Ontario 6=Quebec 7=New Brunswick 8=Nova Scotia 9=Prince Edward Island 10=Newfoundland & Labrador 11=Yukon 12=Northwest Territories 13=Nunavut -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=1 (CANADA) **PROGRAMMER NOTE**: If PROVINCE.CANADA= -77 or -88, display text: This question is required if you would like to participate in the survey. Are you willing to provide an answer? 1= Yes **[PROGRAMMER:** Take them back to PROVINCE.CANADA] 2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [**PROGRAMMER**: show text: "We understand—thanks for your time."] [END SURVEY] **PROGRAMMER NOTE**: only allow those living in PROVINCES TO COMPLETE SURVEY, not territories.
REGION US **[STATE.US]**	**PROGRAMMER NOTE**: This is a mandatory question. What state do you currently live in? [insert drop-down list of states] 1= Alabama 2= Alaska 3= Arizona 4= Arkansas 5= California 6= Colorado

	7= Connecticut
	8= Delaware
	9= Florida
	10= Georgia
	11= Hawaii
	12= Idaho
	13= Illinois
	14= Indiana
	15= Iowa
	16= Kansas
	17= Kentucky
	18= Louisiana
	19= Maine
	20= Maryland
	21= Massachusetts
	22= Michigan
	23= Minnesota
	24= Mississippi
	25= Missouri
	26= Montana
	27= Nebraska
	28= Nevada
	29= New Hampshire
	30= New Jersey
	31= New Mexico
	32= New York
	33= North Carolina
	34= North Dakota
	35= Ohio
	36= Oklahoma
	37= Oregon
	38= Pennsylvania
	39= Rhode Island
	40= South Carolina
	41= South Dakota
	42= Tennessee
	43= Texas
	44= Utah

	45= Vermont
	46= Virginia
	47= Washington State
	48= West Virginia
	49= Wisconsin
	50= Wyoming
	51= District of Columbia
	-77= Don't know
	-88= Refuse to answer
	UNIVERSE: COUNTRY=2 (USA)
	PROGRAMMER NOTE: If STATE.US= -77 or -88, display text:
	This question is required if you would like to participate in the survey. Are you willing to provide an answer?
	1= Yes [**PROGRAMMER:** Take them back to STATE.US]
	2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [**PROGRAMMER**: show text: "We understand—thanks for your time."] [END SURVEY]
	NOTE: The 20 'legal' states/districts are: Alaska, Arizona, California, Colorado, Connecticut, Illinois, Maine, Massachusetts, Michigan, Montana, Nevada, New Jersey, New Mexico, New York, Oregon, Rhode Island, Washington State, Vermont, Virginia, and District of Columbia. The rest are 'illegal'. Note that commercial sales are not yet legal in the following 6 states/districts: Connecticut, New York, Rhode Island, Vermont, Virginia or DC, so in some cases we may request that the UNIVERSE is a subset of these states.
REGION AUSTRALIA [STATE.AUS] **SOURCE: ITC**	What state or territory do you currently live in? 1= New South Wales (NSW) 2= Victoria (VIC) 3= Queensland (QLD) 4= South Australia (SA) 5= Western Australia (WA) 6= Tasmania (TAS) 7= Australian Capital Territory (ACT) 8= Northern Territory (NT) -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=AUSTRALIA

REGION NEW ZEALAND **[REGION.NZ]** **SOURCE: SURVEY OF NEW** **ZEALANDERS 2015**	Which region best describes where you live? 1= Bay of Plenty 2= Northland 3= Auckland 4= Waikato 5= Gisborne 6= Hawke's Bay 7= Taranaki 8= Manawatu-Wanganui 9= Wellington 10= Tasman 11= Nelson 12= Marlborough 13= West Coast 14= Canterbury 15= Otago 16= Southland -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=NEW ZEALAND
CITY **[CITY]**	**PROGRAMMER NOTE**: Can we have drop-down lists specific to province/state + open-ended for unlisted cities/towns? If not, use open-ended text box. What **city or town** do you live in? We are asking because we are interested in the characteristics of your city/town, including the number of stores that sell marijuana. **Your information will not be shared with any other group and it will always be kept strictly confidential.** This is not-for-profit research and we won't share your data with any company or advertiser. City/town: _____ -77= Don't know -88= Refuse to answer
STUDENT STATUS **[CURR.ED]**	Are you currently a student or will you be going to school (NZ: "or university") next term?

	1= Yes 2= No -77=Don't know -88=Refuse to answer UNIVERSE: ALL
OCCUPATION **[OCCUPATION]** *Source: adapted from CCHS*	What was your main activity in the **past week**? 1= Working at a paid job or business (including self-employed and landlord/property management) 2= Vacation (from paid work) or travel (while employed) 3= Looking for paid work 4= Going to school (including vacation from school (NZ: "or university")) 5= Caring for children 6= Household work 7= Retired 8= Maternity/paternity leave 9= Long-term illness, disability, recovery or on medical leave 10= Volunteering 11= Care-giving other than for children 12= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: ALL EXCEPT AUSTRALIA
OCCUPATION RISK **[WORK.RISK]** *Source: adapted from Career Handbook for Environmental Conditions (2006); Government of Canada*	In your job, do you perform hazardous or safety-sensitive tasks at least once a week? Hazardous or safety-sensitive work is considered work that, if not performed safely, could lead to physical harm to the worker or others or damage to the environment or property. **Click for examples of hazardous/safety-sensitive jobs:** Examples include driving a motor vehicle; operating or working near equipment, machinery, or tools; working from heights 2 metres/6.5 feet or more above ground; working with or where hazardous substances are present (e.g., chemicals, flammable liquids, gases); sharps work (e.g., needles, scalpels, scissors, knives); working near hot objects and surfaces, open flames, or steam; electrical work that may be a source of electrical shock; manual handling of loads greater than 20kg/44lb; and working where flying particles or falling objects could cause bodily injury. [**PROGRAMMER NOTE:** Make the above text (starting with "Examples include…" show up only if they click "Click for examples…"] 1= Yes

	2= No -77= Don't know -88= Refuse to answer UNIVERSE: OCCUPATION=1, 2, 3, 10
OCCUPATION RISK **[WORK.RISK2]**	Do your weekly duties include **providing care to others** or doing work that **directly impacts the safety of others?** (This can include co-workers or members of the public.) 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
OCCUPATION [EVER.MILITARY]	Have you ever served in the Armed Forces, in the Reserves, or in the National Guard? 1= No 2= Yes, in the Armed Forces 3= Yes, in the Reserves 4= Yes, in the National Guard -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=2 and AGE 17+
OCCUPATION **[ACTIVE.DUTY]**	Are you currently on active duty in the Armed Forces, in the Reserves, or in the National Guard? 1= No, separated or retired from the Armed Forces, Reserves, or National Guard 2= Yes, active in the Armed Forces 3= Yes, active in the Reserves 4= Yes, active in the National Guard -77= Don't know -88= Refuse to answer UNIVERSE: EVER.MILITARY=2,3,4

CONSUMPTION

CANNABIS USE INTRO	**PROGRAMMER NOTE:** MAKE FONT SIZE TWICE AS LARGE AS THE SIZE OF THE TEXT IN THE SURVEY QUESTIONS. The following questions ask about **marijuana / cannabis products**. We will use the term **marijuana** (also known as *cannabis*, *pot*, *weed, hash, kush*) (NZ: *cannabis, pot, weed, dak, hash)* to refer to **all** of the different forms of the plant and its preparations, including: • Dried herb • Edibles • Oils (e.g., vaped or taken orally) • Hash or kief (AUS: Resin (including hash)) • Concentrates (wax, shatter, budder, etc.) • Marijuana drinks (tea, cola, etc.) • Tinctures, lotions, or other marijuana products Please include ALL of these forms and types of preparations when we ask you about '**marijuana**'.
CANNABIS USE INTRO	**PROGRAMMER NOTE:** MAKE FONT SIZE TWICE AS LARGE AS THE SIZE OF THE TEXT IN THE SURVEY QUESTIONS. We understand that marijuana can be a sensitive issue and that some people aren't comfortable sharing this information. To protect your privacy, we will never ask your name and we don't collect information such as your IP address or computer location. This is not-for-profit research and we will never share data with any company or advertiser. Your answers to this survey will be <u>anonymous</u> and will <u>never be stored with any personal information</u>. Thanks for being as honest as you can when answering. NEXT
CANNABIS USE - TRY [EVER.TRY] *Source: CSTADS 2016/2017*	Have you ever tried marijuana? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL

	PROGRAMMER NOTE: If EVER.TRY= -77 or -88, ask: This question is required if you would like to participate in the survey. Are you willing to provide an answer? 1= Yes **[PROGRAMMER:** Take them back to EVER.TRY] 2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [**PROGRAMMER**: show text: "We understand—thanks for your time."] [END SURVEY]
CANNABIS USE – LAST TIME [USE.RECENT] *Source: New (similar to NSDUH)*	When was the last time you used marijuana? 1= More than 12 months ago 2= More than 3 months ago but less than 12 months ago 3= More than 30 days ago, but less than 3 months ago 4= Within the past 30 days -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1 **PROGRAMMER NOTE:** If USE.RECENT= -77 or -88, ask: This survey is about marijuana use, so we need to know the last time you used marijuana. We won't make you answer all questions, but this question is required if you would like to participate in the survey. Would you like to answer this question? 1= Yes **[PROGRAMMER:** Take them back to USE.RECENT**]** 2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [**PROGRAMMER**: show text: "We understand—thanks for your time."] [END SURVEY]
CANNABIS USE - FREQUENCY [CURRENT.USE] *Source: CSTADS 2016/2017 adapted*	How often do you use marijuana? 1= Less than once per month 2= One or more times per month 3= One or more times per week 4= Every day or almost every day -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4 **PROGRAMMER NOTE:** If CURRENT.USE= -77 or -88, ask:

	This survey is about marijuana use, so we need to know how often you use marijuana. We won't make you answer all questions, but this question is required if you would like to participate in the survey. Would you like to answer this question? 1= Yes **[PROGRAMMER:** Take them back to CURRENT.USE**]** 2= No (I understand this means I cannot participate in this survey and will not receive remuneration) [**PROGRAMMER**: show text: "We understand—thanks for your time."] [END SURVEY]
CANNABIS USE – FREQUENCY QUANTIFIED **[USE.FREQUENCY]** *Source: modified NSDUH*	[**PROGRAMMER NOTE**: please display the options below based on Current.Use: **If CURRENT.USE=4** On average, how many **times per day** do you use marijuana: _____[**PROGRAMMER**: Range= 1-24] **If CURRENT.USE=3** On average, how many **days per week** do you use marijuana: _____[**PROGRAMMER**: Range= 1-7] **If CURRENT.USE=2** On average, how many **days per month** do you use marijuana: _____[**PROGRAMMER**: Range = 1- 31] **If CURRENT.USE=1** Approximately **how many days over the past 12 months** did you use marijuana:_____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: USE.RECENT=2,3,4
CANNABIS USE – FREQUENCY QUANTIFIED – CONFIRMATION PAGE [USE.FREQUENCY.CONF]	PROGRAMMER NOTE: DERIVE NUMBER OF DAYS AND TIMEFRAME FROM USE.FREQUENCY. You told us that you use marijuana on average [#] [**'times per day'/'days per week'/ 'days per month'/ 'days over the past 12 months'**]. Is that correct? 1= Yes 2= No – I want to change my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO USE.FREQUENCY AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED USE.FREQUENCY
CANNABIS USE [USE.30DAYS] NEW 2022	PROGRAMMER NOTE: PLEASE INSERT CURRENT DATE MINUS 30 DAYS IN [DATEFILL] Think specifically about the <u>past 30 days, from [DATEFILL] up to and including today</u>. During the past 30 days, on how many days did you use marijuana?

SOURCE: NSDUH	NUMBER OF DAYS: [RANGE: 0 – 30] -77= Don't know -88= Refuse to answer UNIVERSE: **USE.RECENT=4**
CANNABIS USE **[USE.CONSISTENT]**	PROGRAMMER: INSERT WORDING BASED ON USAGE FREQUENCY IN CURRENT.USE. How long have you used marijuana at least [CURRENT.USE=4: 'daily/almost daily'; CURRENT.USE=3: 'weekly'; CURRENT.USE=2: 'monthly']? You can enter in number of years, months or days. Enter # years:_____ OR Enter # months:_____ OR Enter # days:_____ -77= Don't know -88= Refuse to answer UNIVERSE: CURRENT.USE=2,3,4 AND STATE.US=6
CANNABIS USE - WAKING **[TIME.TO.USE]** *Source: FTND*	[**PROGRAMMER NOTE**: allow them to answer in one or both text boxes. Make sure specific max. is programmed for each.] How soon after waking do you <u>usually</u> use marijuana? You can answer with minutes or hours, or use both hours and minutes to give a more accurate answer. 1= Minutes: _____ [**PROGRAMMER:** max = 1440] 2= Hours: _____ [**PROGRAMMER:** max = 24] -77= Don't know -88= Refuse to answer UNIVERSE: CURRENT.USE=4 (everyday users)

INITIATION & SUSCEPTIBILITY

AGE OF INITIATION	How old were you when you first used marijuana?

[AOI] *Source: CSTADS*	Enter age in years:_____ UNIVERSE: EVER.TRY=1
USE INTENTIONS **[FUTURE.TRY1]** *Source: CSTADS 2016/2017 Edited from "smoking cigarettes" to "using marijuana or cannabis (a joint, pot, weed, hash, or hash oil)".*	**PROGRAMMER NOTE:** If EVER.TRY=2 (never tried): Do you think in the future you might try using marijuana? **PROGRAMMER NOTE:** If USE.RECENT=1-3 (haven't used in the past month) Do you think in the future you will use marijuana? 1=Definitely yes 2=Probably yes 3=Probably not 4=Definitely not -77= Don't know -88= Refuse to answer UNIVERSE: SEE PROGRAMMER NOTE
USE INTENTIONS - FRIENDS **[FUTURE.TRY2]** *Source: CSTADS 2016/2017 Edited from "smoking cigarettes" to "using marijuana or cannabis (a joint, pot, weed, hash, or hash oil)".*	If one of your closest friends were to offer you marijuana, would you try it? 1=Definitely yes 2=Probably yes 3=Probably not 4=Definitely not -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=2 OR USE.RECENT=1
USE INTENTIONS – NEXT YEAR **[FUTURE.TRY3]** *Source: adapted from CSTADS 2016/2017 Edited from "smoking cigarettes" to "using marijuana or cannabis (a joint, pot, weed, hash, or hash oil)". Changed "year" to "12 months"*	At any time during the **next 12 months**, do you think you will use marijuana? 1=Definitely yes 2=Probably yes 3=Probably not 4=Definitely not -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=2 OR USE.RECENT=1

| USE INTENTIONS - LEGALITY [LEGAL.EVERUSE]

Source: Modified Health Canada Draft Survey | **PROGRAMMER NOTE:** If EVER.TRY=2 or USE.RECENT=1 (never tried or used over a year ago):

If marijuana were legal to use, would you be less likely or more likely to use it?

1=A <u>lot LESS</u> likely to use if legal
2=A <u>little LESS</u> likely to use if legal
3=No effect if legal
4=A <u>little MORE</u> likely to use if legal
5=A <u>lot MORE</u> likely to use if legal
-77= Don't know
-88= Refuse to answer

PROGRAMMER NOTE: If USE.RECENT=2,3,4 (have used in the past year):

If marijuana were legal to use, would it change how often you use it?

1=Use a <u>lot LESS</u> often if legal
2=A <u>little LESS</u> often if legal
3=No effect if legal
4=A <u>little MORE</u> often if legal
5=A <u>lot MORE</u> often if legal
-77= Don't know
-88= Refuse to answer

UNIVERSE: US 'ILLEGAL' STATES ONLY AND AUSTRALIA AND NZ (Do NOT show to Alaska, Arizona, California, Colorado, Connecticut, Illinois, Maine, Massachusetts, Michigan, Montana, Nevada, New Jersey, New Mexico, New York, Oregon, Rhode Island, Washington State, Vermont, Virginia, and District of Columbia) AND AUSTRALIA AND NZ . Exclude Australian Capital Territory (ACT) in Australia |
| USE INTENTIONS - LEGALITY [LEGAL.EVERUSE]

Source: Modified Health Canada Draft Survey | **PROGRAMMER NOTE:** If EVER.TRY=2 (never tried):

Has marijuana (all other countries: legalization; AUS ACT: decriminalization) made you less likely or more likely to try marijuana?

1=A <u>lot LESS</u> likely to try
2=A <u>little LESS</u> likely to try
3=No effect
4=A <u>little MORE</u> likely to try
5=A <u>lot MORE</u> likely to try
-77= Don't know
-88= Refuse to answer

PROGRAMMER NOTE: IF EVER.TRY=1 (have tried):

Has marijuana (all other countries: legalization; AUS ACT: decriminalization) influenced your use of marijuana?

1=A <u>lot less</u> likely to use |

	2=A <u>little less</u> likely to use 3=No effect 4=A <u>little more</u> likely to use 5=A <u>lot more</u> likely to use -77= Don't know -88= Refuse to answer UNIVERSE: ONLY INCLUDE CANADA AND US LEGAL STATES. Include Australian Capital Territory (ACT) in Australia.

CANNABIS MODES, PURCHASING & PRICE

ALL FORMS OF CANNABIS

MONEY SPENT- ALL [MONEY.ALL]	We'd like to know how much money you've spent on **all types** of marijuana (including plants) **in the past 12 months** . ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
MONEY SPENT – ALL - CONFIRMATION MONEY.ALL.CONF	PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.ALL. You told us that you spent [**$X**] on all types of marijuana in the **past 12 months**. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.ALL
MONEY SPENT – SUPPLY [MONEY.SUPPLY] NEW 2022	Of all the marijuana you purchased in the **past 12 months**, did you share/give/sell any to others? SELECT ALL THAT APPLY. 1 = I consumed all the cannabis myself 2 = I shared with others 3 = I sold to others -77 = Don't know -88 = Refuse to answer

	UNIVERSE: THOSE WHO ANSWERED MONEY.ALL
MONEY SPENT – SUPPLY **[MONEY.SHARE]** NEW 2022	Of all the marijuana you purchased in the past 12 months, how much did you **share with others**? [insert drop down list ranging from 0% to 100% in 10% increments] UNIVERSE: IF MONEY.SUPPLY=2
MONEY SPENT – SUPPLY **[MONEY.SELL]** NEW 2022	Of all the marijuana you purchased in the past 12 months, how much did you **sell to others**? [insert drop down list ranging from 0% to 100% in 10% increments] UNIVERSE: IF MONEY.SUPPLY=3
MONEY SPENT- 30 DAYS **[MONEY.30DAYS]** NEW 2022	We'd like to know how much money you've spent on **all types** of marijuana (including plants) in the **past 30 days**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=4
MONEY SPENT – ALL - CONFIRMATION **MONEY.ALL.CONF30** NEW 2022	PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.30DAYS You told us that you spent [**$X**] on all types of marijuana in the **past 30 days**. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.30DAYS
CANNABIS SOURCE – GROW **[CANNABIS.SOURCE2]** *Source: New*	Did you grow any **marijuana plants** in the **past 12 months**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
PURCHASE AMOUNT- PLANTS **[PLANTS.AMOUNT]** *Source: New*	In total, how many **marijuana plants** did you grow in the **past 12 months**? ENTER NUMBER OF PLANTS: _____

	-77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE2=1
CANNABIS SOURCE- PLANTS **[PLANTS.PURCHASE]** *Source: Modified Health Canada Survey Draft*	Did you buy or pay for the **marijuana plants or seeds** you grew in the **past 12 months**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE2=1
MONEY SPENT- PLANTS **[MONEY.PLANTS]** *Source: New*	In total, how much money did you spend on all of the **marijuana plants or seeds** you bought in the **past 12 months**? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: PLANTS.PURCHASE=1
REASONS FOR GROW – PLANTS **[PLANTS.REASON]** Source: Adapted from Potter et al., (2014) doi: 10.1016/j.drugpo.2014.12.007. NEW 2022	**PROGRAMMER:** RANDOMIZE ORDER OF RESPONSE OPTIONS. What were your reasons for growing marijuana plants in the past 12 months? SELECT ALL THAT APPLY. 1 = Personal consumption 2 = For fun/pleasure 3 = Less expensive 4 = To avoid contact with legal or illegal market 5 = I can personalize my plants (strains, pesticides) 6 = I prefer my own marijuana to the marijuana I can buy 7 = I am authorized to grow for myself for medical use 8 = I am a designated grower for someone with medical authorization 9 = Curiosity 10 = It is easier to grow than to buy 11 = I can share/give to others 12 = I can sell to others 13 = Other (please specify without providing any identifiable information):_____ -77 = Don't know -88 = Refuse

	UNIVERSE: CANNABIS.SOURCE2=1
CANNABIS SOURCE **[CANNABIS.SOURCE1]** *Source: New*	In the **past 12 months**, have you gotten **any type of marijuana** from the following sources? SELECT ALL THAT APPLY. 1= I made or grew my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ 7= I haven't obtained marijuana from any source in the past 12 months -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
CANNABIS SOURCE – FAMILY MEMBER **OR FRIEND** **[CANNABIS.SOURCE.FRIEND]**	In the **past 12 months,** where did your **family member or friend** get the marijuana they gave to you? SELECT ALL THAT APPLY. 1= Made or grew their own 2= Internet 3= Dealer 4= Legal/authorized store, co-operative or dispensary 5= Illegal/unauthorized store, co-operative or dispensary 6= Other -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE1=2
CANNABIS SOURCE – WEBSITE **[CANNABIS.SOURCE.WEB]**	You told use you used an **internet delivery service or mail order** in the past 12 months. Which did you use? 1= Internet delivery service 2= Mail order 3= Both -77= Don't know

	-88= Refuse to answer UNIVERSE: CANNABIS.SOURCE1=4 AND COUNTRY=2
CANNABIS SOURCE - WEBSITE **[CANNABIS.SOURCE4]** *Source: New*	Where did you buy your marijuana **online in the past 12 months**? SELECT ALL THAT APPLY. 1= An <u>authorized/legal</u> website 2= An <u>unauthorized/illegal</u> website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE1=4 (internet)
CANNABIS SOURCE – STORE – WEBSITE **[CANNABIS.SOURCE4.PROV]**	PROGRAMMER: ENTER PROVINCIAL RETAILER NAME FROM LIST BELOW. PROGRAMMER: USE THE FOLLOWING WORDING FOR THE PROVINCES LISTED: AB: 'Alberta Cannabis' BC: 'BC Cannabis Store' NB: 'Cannabis NB' NL: 'Cannabis NL' NS: 'NSLC Cannabis' ON: 'Ontario Cannabis Store (OCS)' PEI: 'PEI Cannabis' QC: 'Société québécoise du cannabis (SQDC)' In the past 12 months, what percentage of the marijuana that you purchased **online** was from the **provincial [<u>RETAILER NAME</u>]** website**?** Enter number: _____% [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE4=1 AND COUNTRY=1 (CANADA) AND PROV=AB, BC, NB, NL, NS, ON, PEI or QC
[ONLINE.REASON] New 2022	PROGRAMMER: RANDOMIZE LIST (EXCEPT 10, -77, -88) What are the main reasons why you bought marijuana **online in the past 12 months**? SELECT ALL THAT APPLY.

	1= Better product selection 2= Better product quality 3= Lower price 4= I don't want to show ID 5= Don't want to be seen in a store 5= Stores were too far away/there are none where I live 6= More convenient 7= I could buy higher quantity 8= I can't legally buy marijuana where I live 10= Other reason(s) (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE1=4 (internet)
CANNABIS SOURCE - STORE **[CANNABIS.SOURCE3]** *Source: New*	From what type of **PHYSICAL store or dispensary** did you buy **marijuana in the past 12 months**? SELECT ALL THAT APPLY. 1= [**PROGRAMMER**: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal **recreational** store [**PROGRAMMER**: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE1=5 (store)
CANNABIS SOURCE – STORE **[CANNABIS.SOURCE.STORE]**	You told us you bought marijuana from a **store, co-operative or dispensary** in the past 12 months. Who purchased it? 1= Me 2= Family member or friend 3= Dealer 4= Someone else -77= Don't know -88= Refuse to answer UNIVERSE: AGE=16-20 AND CANNABIS.SOURCE1=5 AND STATE_US=6
CANNABIS SOURCE **[CANNABIS.SOURCE.CURBSIDE]**	You told us you got marijuana from a **store, co-operative or dispensary** in the past 12 months.

NEW 2022	Did you use curbside pick-up at any point in the past 12-months? 1=Yes 2=No -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE1=5 AND COUNTRY=CANADA
CANNABIS.SOURCE.CURBSIDE.REASON NEW 2022	PROGRAMMER: RANDOMIZE LIST (EXCEPT 4, -77, -88) Why did you use curbside pick-up? SELECT ALL THAT APPLY. 1=Convenience 2=Public health/safety 3= In person shopping is not an option for me 4=Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE.CURBSIDE=1
CANNABIS SOURCE [CANNABIS.SOURCE.DELIVERY] NEW 2022	You told us you got marijuana from a **store, co-operative or dispensary** in the past 12 months. Did the store deliver your order to you? 1=Yes 2=No 4=Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE1=5 AND COUNTRY=CANADA
[CANNABIS.SOURCE.DELIVERY.REASON] NEW 2022	PROGRAMMER: RANDOMIZE LIST (EXCEPT 4, -77, -88) Why did you use delivery? SELECT ALL THAT APPLY. 1=Convenience 2=Public health/safety

	3= In person shopping is not an option for me -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE.DELIVERY=1
CANNABIS SOURCE – RESERVE **[CANNABIS.SOURCE5]**	Have you bought marijuana from a <u>**store on a First Nations**</u> reserve in the past 12 months? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=1 (CANADA) AND CANNABIS.SOURCE1=1-6
CANNABIS SOURCE – RESERVE **[CANNABIS.SOURCE5b]**	In the past 12 months, what percentage of all the marijuana you purchased was from a store on a First Nations reserve? Enter number:_____% [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE5=1
CANNABIS SOURCE – RESERVE **[CANNABIS.SOURCE5c]**	Was the **store on the First Nations reserve**… 1= A legal/authorized store 2= An illegal or unauthorized store -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE5=1
CANNABIS SOURCE – RESERVE **[CANNABIS.SOURCE5d]**	What were the main reason(s) you purchased from a **store on a First Nations reserve?** **SELECT ALL THAT APPLY.** 1= Lower prices 2= Products that I can't get elsewhere 3= Nearby/easy to get to 4= Better quality products 5= I didn't need to show ID

	6= I wanted to support a First Nations business 7=Other (please specify):_____ -77=Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE5=1
CANNABIS SOURCE – NOT ON RESERVE [CANNABIS.SOURCE6] NEW 2022	Have you purchased cannabis from a **First Nation store that was NOT on Reserve**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=1 (CANADA) AND CANNABIS.SOURCE1=1-6
CANNABIS SOURCE – NOT ON RESERVE [CANNABIS.SOURCE6b] NEW 2022	In the past 12 months, what percentage of all the marijuana you purchased was from a **First Nation store NOT on reserve**? Enter number:_____% [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE6=1
CANNABIS SOURCE – NOT ON RESERVE [CANNABIS.SOURCE6c] NEW 2022	What were the main reasons for purchasing cannabis from a **First Nation store NOT on Reserve**? **SELECT ALL THAT APPLY.** 1= Lower prices 2= Products that I can't get elsewhere 3= Nearby/easy to get to 4= Better quality products 5= I didn't need to show ID 6= I wanted to support a First Nations business 7=Other (please specify):_____ -77=Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE6=1
CANNABIS SOURCE – NY [CANNABIS.SOURCE1.NY]	**How do you usually get the marijuana or cannabis you use?** **Do you:**

	1= Buy it from a retail marijuana store
	2= Buy it from a medical dispensary
	3= Buy it from a grocery store, gas station, mall, or other convenience store
	4= Buy it from a dealer or friend, including a delivery company
	5= Get it for free or share someone else's
	6= Grow it yourself at home or have someone grow it for you
	7= Get it from somewhere else
	-77= Don't know
	-88= Refuse to answer
	UNIVERSE: NEW YORK STATE RESIDENTS ONLY, WITH USE.RECENT=2,3,4
[CANNABIS.SOURCE2.NY]	You told us you usually get marijuana from a dealer or friend, including a delivery company.
	Do you usually get it from a delivery company?
	1= Yes
	2= No
	-77= Don't know
	-88= Refuse to answer
	UNIVERSE: CANNABIS.SOURCE1.NY=4
CANNABIS SOURCE – STORE – PROVINCIAL **[CANNABIS.SOURCE3.PROV]**	PROGRAMMER: ENTER PROVINCIAL RETAILER NAME FROM LIST BELOW.
	PROGRAMMER: USE THE FOLLOWING WORDING FOR THE PROVINCES LISTED:
	NB: 'Cannabis NB'
	NS: 'NSLC Cannabis'
	PEI: 'PEI Cannabis'
	QC: 'Société québécoise du cannabis (SQDC)'
	In the past 12 months, what percentage of the marijuana that you purchased **from stores** was from **provincial [RETAILER NAME]** stores**?**
	Enter number: _____% [PROGRAMMER: ALLOW 0-100%]
	-77= Don't know
	-88= Refuse to answer
	UNIVERSE: CANNABIS.SOURCE3=1 AND COUNTRY=1 (CANADA) AND PROV=NB, NS, PEI or QC

CANNABIS SOURCE - LEGALITY **[CANNABIS.SOURCE.LEGAL]**	Overall, how much of the marijuana that you used in the **past 12 months** was **purchased** from **LEGAL/AUTHORIZED** sources? ENTER % FROM LEGAL SOURCES: _____ % [PROGRAMMER: ALLOW 0-100%] 2= I did not buy or pay for any marijuana in the past 12 months -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4 (ALL PAST 12 MONTH USERS)
CANNABIS SOURCE - REASON **[CANNABIS.ILLEGAL]** *Source: New* REVISED 2022	PROGRAMMER: RANDOMIZE LIST (EXCEPT 12, -77, -88) What were the main reasons you bought from illegal/unauthorized sources instead of legal/authorized sources? SELECT ALL THAT APPLY. 1= Legal sources didn't sell the products I wanted 2= Legal sources had low supply or ran out 3= Legal sources had lower-quality marijuana 4= Legal sources had higher prices 5= I wanted to stay anonymous 6= Legal stores were too far away/there are none where I live 7= Legal sources were less convenient 8= Legal sources require ID 9= Loyalty to my dealer 10= I can't legally buy marijuana where I live 11= I don't have a prescription for medical marijuana 12= Legal online sources require a credit card 13= Legal delivery is too slow 15= Not applicable – I didn't purchase marijuana from an illegal/unauthorized source 16= Other reason(s) (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: ONLY SHOW TO CANADA AND US 'LEGAL' STATES. CANNABIS.SOURCE.LEGAL<100% [ANY ILLEGAL PURCHASES]. IF CANNABIS.SOURCE.LEGAL=2, -77 or -88, USE THE FOLLOWING UNIVERSE: CANNABIS.SOURCE3=3, OR CANNABIS.SOURCE4=2 (UNAUTHORIZED SOURCES).
CANNABIS SOURCE - REASON **[CANNABIS.ILLEGAL.TYPE]**	You told us, "Legal sources didn't sell the products I wanted." What **type of product** did you want that you **couldn't get from legal sources?**

	[OPEN TEXT FIELD] -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.ILLEGAL=1
CANNABIS SOURCE OF ILLEGAL PRODUCTS **[ILLEGALPRODUCT.SOURCE]** *Source: New* NEW 2022	Some marijuana products that are purchased from illegal/unauthorized sources are 'diverted' from legal stores, often from [Canada=another province or US state; US=a different state or country]. These products often have 'official' packages with health warnings and tax stamps. When you bought from illegal/unauthorized sources were any of the products **originally made for legal stores**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ONLY SHOW TO CANADA AND US 'LEGAL' STATES. CANNABIS.SOURCE.LEGAL<100% [ANY ILLEGAL PURCHASES]. IF CANNABIS.SOURCE.LEGAL=2, -77 or -88, USE THE FOLLOWING UNIVERSE: CANNABIS.SOURCE3=3, OR CANNABIS.SOURCE4=2 (UNAUTHORIZED SOURCES).
CANNABIS SOURCE - REASON **[CANNABIS.ILLEGAL1]** *Source: New* NEW 2022	Do you know what [Canada=province or US state; US=state or country] the products came from? 1= No 2= Yes, please describe: [OPEN TEXT FIELD] -77= Don't know -88= Refuse to answer UNIVERSE: IF **ILLEGALPRODUCT.SOURCE=1**

CANNABIS USE - MODES
[USE.MODES]

Source: Health Canada Draft Survey

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PROGAMMER: ONLY ALLOW A TEXT RESPONSE IN 'OTHER (PLEASE SPECIFY)' IF THEY CLICK 'YES, BUT NOT IN PAST 12 MONTHS' OR 'YES, IN PAST 12 MONTHS' FOR 'OTHER'.

Have you used marijuana in any of the following ways?

	No	Yes, but NOT in past 12 months	Yes, in past 12 months	Don't know
1= Dried herb (smoked or vaped, including pre-rolled joints)	○	○	○	○

	2= Cannabis oils or liquids **taken orally** (e.g., drops, capsules or sprays)	o	o	o	o
	3= Cannabis oils or liquids **for vaping**	o	o	o	o
	4= Edibles / foods	o	o	o	o
	5= Drinks (e.g., marijuana cola, tea or coffee)	o	o	o	o
	6= Concentrates (e.g., wax, shatter, budder, resin, rosin, crumble)	o	o	o	o
	7= Hash or kief (Aus: Resin (including hash))	o	o	o	o
	8= Tinctures (concentrated amounts ingested orally or taken under the tongue)	o	o	o	o
	9= Topical ointments (e.g., skin lotions or bath products)	o	o	o	o
	10= Other (please specify):_____	o	o	o	o

UNIVERSE: USE.RECENT=2,3,4

CANNABIS USE – MODES LAST [USE.MODES.LAST] NEW 2022	On the last day you used marijuana, which product(s) did you use? *PROGRAMMER NOTE: Only present the options they selected as 'yes' in the previous question* UNIVERSE: ASK IF > 1 MODE SELECTED FROM USE.MODES
[USE.MODES.NZAUS] Source: New Zealand Health Survey 2012/2013	In the last 12 months, how have you have used cannabis? Please select all that apply. 1= Smoked as a joint 2= Smoked using a water pipe or bong 3= Smoked using a pipe or cone 4= Inhaled the fumes ('spotting') 5= Used a vaporiser 6= Ate it (either alone or combined with food) 7= Other -77=Don't know -88= Refuse to answer UNIVERSE: COUNTRY= AUSTRALIA OR NEW ZEALAND, AND USE.RECENT=2,3,4
CANNABIS USE – DRIED HERB [HERB.INTRO]	**PROGRAMMER NOTE**: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=1=PAST 12-MONTHUSE** We now want to ask you about **dried herb.**
CANNABIS USE – HERB FREQUENCY [MODE.FREQ.HERB]	In the **past 12 months**, how often did you use **dried herb**? 1= Less than once a month

	2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB FROM USE.MODES1
CANNABIS USE – HERB FREQUENCY QUANTIFIED **[HERB.FREQ]** *Source: modified NSDUH*	[**PROGRAMMER NOTE**: please display the options below based on MODEFREQ.HERB] **If MODE.FREQ.HERB=4** On average, how many **times per day** do you use <u>**dried herb**</u>: _____ [**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.HERB=3** On average, how many **days per week** do you use <u>**dried herb**</u>: _____ [**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.HERB=2** On average, how many **days per month** do you use <u>**dried herb**</u>: _____ [**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.HERB=1** Approximately **how many days over the past 12 months** did you use <u>**dried herb**</u>:_____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB FROM USE.MODES
CANNABIS USE – HERB FREQUENCY CONFIRMATION **[HERB.FREQ.CONF]**	**PROGRAMMER**: DERIVE NUMBER FROM HERB.FREQ. You told us you use (past 12 months: 'used) dried herb (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.HERB=4 **'times per day'**; if MODE.FREQ.HERB=3 '**days per week**'; if MODE.FREQ.HERB=2 '**days per month**'; if MODE.FREQ.HERB=1 '**days in the past 12 months**'). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED HERB.FREQ
DRIED FLOWER – FLAVOUR **[HERB.FLAVOUR]**	In the past 12 months, have you used **any <u>flavoured</u> dried herb products?** Please include any flavoured joints, blunts or blunt wraps.

NEW 2022	Don't include flavoured vapes or edibles--we'll ask about these later. 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB USE.MODES=1
DRIED FLOWER – FLAVOUR **[HERB.FLAVOUR]** NEW 2022	In the past 12 months, have you used any of the following flavours for **<u>dried herb products</u>?** Please include any flavoured joints, blunts or blunt wraps. Don't include flavoured vapes or edibles--we'll ask about these later. SELECT ALL THAT APPLY. 1= None 2= Fruit (peach, berry, lemon, apple, etc.) 3= Spice (e.g., clove) 4= Vanilla 5= Menthol or mint 6= Cake, candy, desserts, or sweets 7= Other flavour (please specify): _____ -77= Don't know -88= Refuse to answer UNIVERSE: HERB.FLAVOUR=1
CANNABIS USE – REPORTING CHOICE **[PREROLL.PURCHASE]** NEW 2022	Have you bought any **<u>'pre-rolled' joints</u>** in the past 12-months? *Pre-rolled joints contain dried herb and come 'pre-made' in joints when you buy them.* 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB USE.MODES=1
CANNABIS USE – REPORTING CHOICE **[PREROLL.AMOUNT]** NEW 2022	Of all the dried herb you bought in the last 12 months, how much of it was purchased as pre-rolled joints? [Drop-down list] 1=Almost none

	2=Less than 10% 3=10% 4=20% 5=30% 6=40% 7=50% 8=60% 9=70% 10=80% 11=90% 12=100% -77= Don't know -88= Refuse to answer UNIVERSE: PREROLL.PURCHASE=1
CANNABIS USE – REPORTING CHOICE **[PREROLL.CONCENTRATE]** NEW 2022	Most pre-rolled joints only include dried herb, but some are mixed with cannabis oils or concentrates to increase the strength. These products are sometimes called 'moonrockets' or include 'diamonds'. Have you purchased any <u>pre-rolled joints mixed with high potency oils or concentrates</u> in the past 12-months? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PREROLL.PURCHASE=1
CANNABIS USE – REPORTING CHOICE **[IMAGE.CHOICE]**	Think about the **LAST DAY** you used dried herb. **How much dried herb** did you use that entire day**?** Is it easier for you to tell us the… 1= Number of joints 2= Amount of dried herb (e.g., grams or oz) UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB FROM USE.MODES1
CANNABIS USE - JOINT **[HERB.JOINT2]**	On the **last day** you used dried herb, **how many joints did you smoke** over the **ENTIRE DAY**?

	(We'll ask you about the size of the joint in a minute.)
	Only include the amount you personally smoke—don't include what you share with others.
	[Drop-down list] 1=One or two <u>puffs</u> 2=Less than ¼ of a joint 3=¼ joint 4=½ joint 5=¾ joint 6=1 joint 7=2 joints 8=3 joints 9=4 joints 10=5 joints 11=6 joints 12=7 joints 13=8 joints 14=9 joints 15=10 joints 16=More than 10 joints -77= Don't know -88= Refuse to answer
	UNIVERSE: IMAGE.CHOICE=1
CANNABIS USE - JOINT **[HERB.JOINT3]**	How many joints did you smoke over the **entire day?** ENTER NUMBER OF JOINTS:_____ -77= Don't know -88= Refuse to answer UNIVERSE: HERB.JOINT2=16
CANNABIS USE - JOINT **[HERB.JOINT1]**	Think of the **LAST DAY** you smoked a joint. Please choose the joint that is **closest to the size you smoked**.

1.2 grams

1.0 gram

0.8 gram

0.6 gram

0.5 gram

0.4 gram

0.2 gram

UNIVERSE: IMAGE.CHOICE=1

CANNABIS USE - HERB – JOINT CONFIRMATION **[HERB.JOINT.CONF]**	**PROGRAMMER:** DERIVE NUMBER FROM HERB.JOINT2 or HERB.JOINT3. Should read like "You told us that you smoked ¾ joint. Is that typical on the days you use dried herb?" and below, show image of the size they selected in HERB.JOINT1. You told us that you smoked [**RESPONSE FROM HERB.JOINT2 or HERB.JOINT3**]. Is that your **usual amount on days you use dried herb**? **[insert image of joint from HERB.JOINT1]** 1= Yes 2= No 3= Not applicable – I don't use it regularly PROGRAMMER: IF THEY SELECT NO, GO to IMAGE.CHOICE.REDO. IF THEY SELECT YES OR N/A, GO TO HERB.THCRATIO UNIVERSE: THOSE WHO ANSWERED HERB.JOINT SERIES
CANNABIS USE - JOINT **[HERB.JOINT2.REDO]**	**PROGAMMER NOTE:** Insert image of the joint chosen in HERB.JOINT1. Think of the **average** number of joints you smoke on days you use **dried herb.** How many joints do you **usually** smoke over the **ENTIRE DAY**? Only include the amount you personally smoke—don't include what you share with others. [Drop-down list] 1=One or two <u>puffs</u> 2=Less than ¼ of a joint 3=¼ joint 4=½ joint 5=¾ joint 6=1 joint 7=2 joints 8=3 joints 9=4 joints 10=5 joints 11=6 joints 12=7 joints 13=8 joints 14=9 joints 15=10 joints 16=More than 10 joints -77= Don't know -88= Refuse to answer UNIVERSE: HERB.JOINT.CONF=2

CANNABIS USE - JOINT **[HERB.JOINT3.REDO]**	Please enter the **average** number of joints you smoke on days you use <u>**dried herb**</u>. ENTER NUMBER OF JOINTS:_____ -77= Don't know -88= Refuse to answer UNIVERSE: HERB.JOINT2.REDO=16
CANNABIS USE - JOINT **[HERB.JOINT1.REDO]**	Please choose the joint that is closest to the size you normally smoke. 1.2 grams 1.0 gram 0.8 gram 0.6 gram

	0.5 gram 0.4 gram 0.2 gram UNIVERSE: HERB.JOINT.CONF=2
CANNABIS USE – HERB [HERB.JOINT.TOBACCO]	Does the joint you usually smoke contain any tobacco? 1=Yes 2=No -77= Don't know -88= Refuse to answer UNIVERSE: IMAGE.CHOICE=1
CANNABIS USE – HERB [HERB.JOINT.TOBACCO2]	About what percent (%) tobacco does the joint usually contain? 1= 10% 2= 20% 3= 30% 4= 40% 5= 50% 6= 60% 7= 70% 8= 80% 9= 90% -77= Don't know -88= Refuse to answer UNIVERSE: HERB.JOINT.TOBACCO=1
CANNABIS USE - HERB [HERB.AMOUNT1]	On the last day you used dried herb, **how much** did you use over the **ENTIRE DAY**?

| | Only include the amount you personally smoke—don't include what you share with others. |

○

1/8 (one eighth) gram or less

○

¼ (one quarter) gram

○

½ (half) gram

○

¾ (three quarters) gram

○

1 gram

○

2 grams

○

3 grams

○

1/8 (eighth) ounce (3.5 g)

○

¼ (quarter) ounce (7 g)

○ More than ¼ (quarter) ounce (7 g)

○ Don't know

○ Refuse to answer

	[**PROGRAMMER**: MAKE IMAGES CLICKABLE. OPTIONS 10, -77 AND -88 SHOULD BE IN A LIST BELOW THE IMAGES]. UNIVERSE: IMAGE.CHOICE=2
CANNABIS USE - HERB **[HERB.AMOUNT2]**	Did you use... ○ ½ (half) ounce (14 g) ○ ¾ (three quarters) ounce (21 g) ○ 1 ounce (28 g) ○ More than one ounce (>28 g) ○ Don't know ○ Refuse to answer [**PROGRAMMER**: MAKE IMAGES CLICKABLE. OPTIONS 3, -77 AND -88 SHOULD BE IN A LIST BELOW THE IMAGES]. UNIVERSE: HERB.AMOUNT1=10, and IMAGE.CHOICE=2

CANNABIS USE - HERB – AMOUNT CONFIRMATION **[HERB.AMOUNT.CONF]**	**PROGRAMMER: DERIVE AMOUNT & UNIT FROM HERB.AMOUNT1 or HERB.AMOUNT2.** You told us that you use [**AMOUNT & UNIT**] of **dried herb**. Is that your **usual amount** on days you use dried herb? 1= Yes 2= No 3= Not applicable – I don't use it regularly PROGRAMMER: IF THEY SELECT NO, GO to HERB.AMOUNT1.REDO. IF THEY SELECT YES OR N/A, GO TO HERB.THCRATIO UNIVERSE: THOSE WHO ANSWERED HERB.AMOUNT SERIES
CANNABIS USE - HERB **[HERB.AMOUNT1.REDO]**	Think of the average amount you use on days you use **dried herb.** How much do you **usually** use over the **ENTIRE DAY?**

○   1/8 (one eighth) gram or less

○   ¼ (one quarter) gram

○   ½ (half) gram

○   ¾ (three quarters) gram

○   1 gram

○

2 grams

○

3 grams

○

1/8 (eighth) ounce (3.5 g)

○

¼ (quarter) ounce (7 g)

○ More than ¼ (quarter) ounce (7 g)

○ Don't know

○ Refuse to answer

CANNABIS USE - HERB **[HERB.AMOUNT2.REDO]**	Do you use... ○ ½ (half) ounce (14 g) ○ ¾ (three quarters) ounce (21 g) ○ 1 ounce (28 g) ○ More than one ounce (>28 g) ○ Don't know ○ Refuse to answer UNIVERSE: HERB.AMOUNT1.REDO=11
THC RATIO – HERB **[HERB.THCRATIO]** *Source: New*	**PROGRAMMER**: INSERT TWO LISTS (VERTICALLY); THEY MUST CHOOSE ONE RESPONSE FROM EACH, <u>OR</u> REFUSE Think of the **<u>last time</u>** you used **<u>dried herb</u>**. Which of the following best describes the THC level?

	1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HERB FROM USE.MODES=1
THC – HERB THC KNOWLEDGE **[HERB.THC1]**	Do you know the **amount of THC or CBD** of the dried herb you used last? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HERB FROM USE.MODES=1
THC – HERB THC LEVEL **[HERB.THC2]**	What were the **THC and CBD levels** of the dried herb you used last? Enter number: _____% THC [**Programmer**: range=0-100%] or Don't Know Enter number: _____% CBD [**Programmer**: range=0-100%] or Don't Know -88= Refuse to answer UNIVERSE: HERB.THC1=1
THC – HERB THC LEVEL - **CONFIRMATION** **[HERB.THC2.CONF]**	**PROGRAMMER:** DERIVE PERCENTAGE FROM HERB.THC2. You told us the last dried herb you used had **[X]% THC and [X]% CBD**.

	Are those the **THC and/or CBD levels** of the dried herb you **usually use**? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use it regularly PROGRAMMER: IF THEY SELECT NO, GO to HERB.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO HERB.THC2 (NOT INCLUDING -77 & -88)
THC – HERB THC LEVEL **[HERB.THC2.REDO]**	What are the **THC and/or CBD levels** of the **dried herb** you **usually use**? Enter number: _____% THC [**Programmer**: range=0-100%] or Don't Know Enter number: _____% CBD [**Programmer**: range=0-100%] or Don't Know -88= Refuse to answer UNIVERSE: HERB.THC2.CONF=2
CANNABIS USE - HERB **[HERB.HIGH]** **SOURCE**: *adapted from Hunault et al. 2014*	The **last time** you used **dried herb,** how high did you feel? 1= Not at all high 2= A little high 3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB FROM USE.MODES1
CANNABIS USE - HERB **[HERB.HIGH2]** *Source: new*	Which best describes your experience after using the dried herb? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO HERB.HIGH] 1= Much less high than I wanted 2= A little less high than I wanted 3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB FROM USE.MODES1

CANNABIS SOURCE - HERB **[HERB.SOURCE1]** *Source: New*	In the **past 12 months**, how did you get the **dried herb** you used? SELECT ALL THAT APPLY. 1= I grew my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB FROM USE.MODES1
CANNABIS SOURCE - % DRIED **[HERB.SOURCE2]** *Source: Modified Health Canada Survey Draft*	What percent (%) of **dried herb** that you used in the past 12 months did you get from each source: [Insert sources selected from HERB.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer UNIVERSE: HERB.SOURCE1= MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE - LEGALITY **[HERB.SOURCE.LEGAL]**	Overall, about what percentage (%) of the **dried herb** that you **used in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB FROM USE.MODES=1
CANNABIS SOURCE - HERB **[HERB.PURCHASE]** ***Source: Modified Health Canada Survey Draft***	In the past 12 months, did you **buy or pay** for any of the **dried herb** you used? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: USE.MODES=1 AND YES to past 12-month use

LAST PURCHASE – HERB [HERB.WHERE]	The **last time** you bought **dried herb**, where did you buy it? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order (delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: HERB.PURCHASE=1
LAST PURCHASE – HERB [HERB.WEB]	Ok. What type of internet or delivery service did you buy the dried herb from? Remember, we're asking about the **last time** you bought it. 1= An <u>authorized/legal</u> website 2= An <u>unauthorized/illegal</u> website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: HERB.WHERE=3 (INTERNET)
LAST PURCHASE – HERB [HERB.STORE]	Ok. What type of **PHYSICAL store or dispensary** did you buy the dried herb from? Remember, we're asking about the **last time** you bought it. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store' ; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary/clinic 4= Other type of store/dispensary/clinic (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: HERB.WHERE=4 (STORE)
[HERB.MOONROCKET] MODIFIED 2022	The last time you bought dried herb, was it a **pre-rolled joint?** 1=Yes 2= No -77= Don't know -88= Refuse to answer

	UNIVERSE: HERB.PURCHASE=1
[HERB.MOONROCKET2] MODIFIED 2022	Was the pre-rolled joint… 1= Dried herb only 2= Dried herb dipped in high-potency oil or mixed with concentrate (e.g., diamonds, moonrockets) -77= Don't know -88= Refuse to answer UNIVERSE: HERB.MOONROCKET=1
CANNABIS USE – REPORTING CHOICE **[IMAGE.CHOICE2]**	Think about the **last time** you **bought** dried herb. Is it easier for you to tell us how much you bought in… 1= Number of joints 2= Amount of dried herb (e.g., grams or ounces) UNIVERSE: (USE.RECENT=2,3,4 , and HERB.PURCHASE=1). IF HERB.MOONROCKET=1, DO NOT SHOW THIS QUESTION.
LAST PURCHASE - HERB **[PURCH.JOINT]** *Source: New*	**The last time** you bought **dried herb**, how many joints did you buy? [Drop-down list] 1=1 joint 2=2 joints 3=3 joints 4=4 joints 5=5 joints 6=6 joints 7=7 joints 8=8 joints 9=9 joints 10=10 joints 11=11 joints 12=12 joints 13=13 joints 14=14 joints 15=15 joints 16=16 joints 17=17 joints 18=18 joints

	19=19 joints 20=20 joints 21=more than 20 joints -77=Don't know -88=Refuse to answer UNIVERSE: HERB.PURCHASE=1 and (IMAGE.CHOICE2=1 OR HERB.MOONROCKET=1)
LAST PURCHASE - HERB **[PURCH.JOINT2]**	Please choose the joint that is **closest to the size you bought.** 1.2 grams 1.0 gram 0.8 gram 0.6 gram 0.5 gram

	0.4 gram 0.2 gram UNIVERSE: IMAGE.CHOICE2=1 OR HERB.MOONROCKET=1
LAST PURCHASE - HERB **[HERB.LASTPURCH1A]**	**The last time** you bought **dried herb**, how much did you buy…

○ Less than 1 gram

○

1 gram

○

2 grams

○

3 grams

○

1/8 (eighth) ounce (3.5 g)

○

¼ (quarter) ounce (7 g)

	◯ More than ¼ (quarter) ounce (7 g)
	◯ Don't know
	◯ Refuse to answer
	[**PROGRAMMER**: MAKE IMAGES CLICKABLE. OPTIONS 10, -77 AND -88 SHOULD BE IN A LIST BELOW THE IMAGES].
	UNIVERSE: HERB.PURCHASE=1 and IMAGE.CHOICE2=2
LAST PURCHASE - HERB [HERB.LASTPURCH1B]	**The last time** you bought **dried herb**, how much did you buy…
	Did you buy…

○

½ (half) ounce (14 g)

○

¾ (three quarters) ounce (21 g)

○

1 ounce (28 g)

○ More than one ounce (>28 g)

○ Don't know

○ Refuse to answer

PROGRAMMER: IF **[LASTPURCH1B=4]** ASK AND ALLOW TWO DECIMAL SPACES [000.00]:

Thinking of the **last time** you bought **dried herb**, please indicate the amount using one of the following:

[Numeric field] Number of **ounces** OR
[Numeric field] Number of **pounds** OR
[Numeric field] Number of **kilograms**

Note: 1 lb = 16 ounces and 1 kg = 35 ounces

-77= Don't know

	-88= Refuse to answer UNIVERSE: HERB.PURCHASE=1 and IMAGE.CHOICE2=2 and HERB.LASTPURCH1A=11
HERB.DEALER	Was the **dried herb** you bought for you or other people? 1= Only for me 2= Only for others 3= Both for me and others -77= Don't know -88= Refuse to answer UNIVERSE: HERB.PURCHASE=1

LAST PURCHASE - HERB **[HERB.LASTPURCH1C]**	**The last time** you bought **dried herb**, how much did you buy… ○ 1/8 (one eighth) gram or less ○ ¼ (one quarter) gram ○ ½ (half) gram ○ ¾ (three quarters) gram ○ Don't know ○ Refuse to answer UNIVERSE: HERB.PURCHASE=1 and IMAGE.CHOICE2=2 and HERB.LASTPURCH1A=1
LAST PURCHASE - HERB **[HERB.SPENTLAST]**	**How much** did you spend the **last time** you bought **dried herb?** ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer
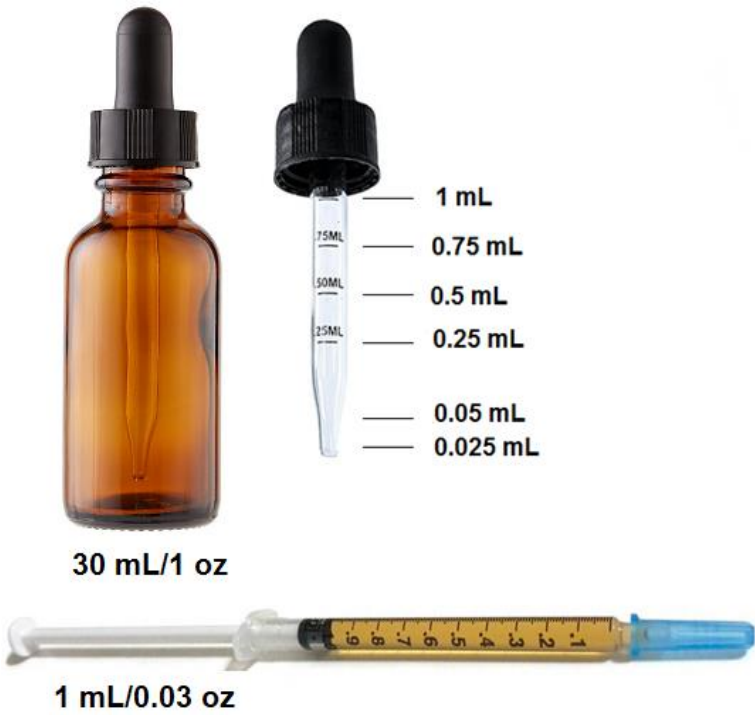
	UNIVERSE: HERB.PURCHASE=1
LAST PURCHASE – HERB - CONFIRMATION [HERB.SPENTLAST.CONF]	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT AMOUNT FROM PURCH.JOINT OR HERB.LASTPURCH, DEPENDING WHICH THEY ANSWERED.** You told us that you paid [**$X**] to buy **[insert amount including units]** of dried herb. Is that correct? 1= Yes 2= No – I want to correct the amount I bought **[REDIRECT TO PURCH.JOINT OR HERB.LASTPURCH]** 3= No- I want to correct the amount I paid **[REDIRECT TO HERB.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED HERB.SPENTLAST
LAST PURCHASE – HERB – TAX [HERB.SPENTLAST.TAX]	Did the $[insert final corrected value from HERB.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: HERB.WHERE=3 or 4 (internet or store) and entered $ value for HERB.SPENTLAST
LAST PURCHASE – HERB – SHIPPING [HERB.SPENTLAST.SHIP]	Did the $[insert final corrected value from HERB.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know -88= Refuse to answer UNIVERSE: HERB.WHERE=3 (Internet) and entered $ value for HERB.SPENTLAST
MONEY SPENT- DRIED HERB **[MONEY.HERB.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** dried herb **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: HERB.PURCHASE=1
MONEY SPENT – DRIED HERB - CONFIRMATION	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.HERB.ALL.**

MONEY.HERB.ALL.CONF NEW 2022	You told us that you spent [**$X**] on all dried herb in the past 12 months. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.HERB.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.HERB.ALL
CANNABIS SOURCE - SMOKE [HERB.TOBACCO]	Of **all** the **dried herb** that you used in the **past 12 months**, what percent (%) did you… 1= Smoke dried herb <u>without</u> tobacco (including joints, bongs and pipes)_____% 2= Smoke dried herb with tobacco____% 3= Vape dried herb____% 4= Other (please specify): _____% -77=Don't know -88=Refuse to answer [numeric field for each, Must add up to 100%] UNIVERSE: PAST 12 MONTH USERS OF DRIED HERB FROM USE.MODES1
[HERB.IMAGE1]	PROGRAMMERS: AMONG SAMPLE SPECIFIED IN THE UNIVERSE, SELECT FIRST 100 RESPONDENTS FROM CANADA AND FIRST 100 RESPONDENTS FROM US LEGAL STATES TO SEE THIS QUESTION. We'd like to understand the products people are using. Would you be willing to take a **picture of the dried herb that you used last** and upload it to the survey? It's quick and easy to do. 1= Yes - I can take a picture of the package 2= No UNIVERSE: MODE.FREQ.HERB=4 AND AGE AT LEAST 21 AND PURCHASED HERB LEGALLY AT LAST PURCHASE (HERB.WEB=1 OR HERB.STORE=1 or 2)
[HERB.IMAGE.UPLOAD]	Thanks! Please take a picture of the package of dried herb. Try to take the picture so you can see the brand name and any product information. [image upload] [checkbox] I don't want to or am unable to take a picture

	Optional: You can upload a second picture if needed. [image upload] Is there anything you think we should know about this picture? For example, if the brand name is not visible. Response: _____ UNIVERSE: HERB.IMAGE1=1
[HERB.IMAGE2] **[HERB.IMAGE3]** **[SAME SCREEN]**	For the picture you uploaded… Is this the dried herb you used LAST? 1=Yes 2=No -77=Don't know -88=Refuse to answer Does the picture you uploaded show the amount of THC? 1=Yes 2=No -77=Don't know -88=Refuse to answer UNIVERSE: HERB.IMAGE1=1 AND UPLOADED A DRIED HERB IMAGE
[HERB.IMAGE4]	[PROGRAMMER: only allow respondents to fill out one field] What is the THC level shown on the package? You can enter it in % or mg. _____% THC _____mg THC 3= the THC level is not shown on the package -77= Don't know -88= Refuse to answer UNIVERSE: HERB.IMAGE3=2

CANNABIS USE – LIQUID TAKEN ORALLY **[LIQUID.INTRO]**	 We now want to ask you about **cannabis/marijuana oil or liquid taken orally.**
CANNABIS USE - LIQUID **[LIQUID.FORMAT]**	In the **past 12 months,** have you used **cannabis/marijuana oil or liquid taken orally** in the following formats… SELECT ALL THAT APPLY. 1= Drops (e.g., with a dropper or syringe) 2= Capsules (e.g., gel caps) 3= Oral sprays 4= Other format (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES2
[SUPERMAN]	**You're flying through the survey!**

CANNABIS USE – LIQUID DROPS **[LIQUIDDROP.INTRO]**	For the following questions, please only include **cannabis oil** taken orally in liquid form **(as DROPS).** UNIVERSE: LIQUID.FORMAT=1 AS WELL AS ANOTHER FORMAT (e.g., at least 2 of LIQUID.FORMAT=1 AND 2,3 OR 4)
CANNABIS USE – LIQUIDDROP FREQUENCY **[MODE.FREQ.DROP]**	In the **past 12 months**, how often did you use **cannabis/marijuana oil or liquid DROPS**? 1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES AND LIQUID.FORMAT=1
CANNABIS USE – LIQUIDDROP FREQUENCY QUANTIFIED **[DROP.FREQ]** *Source: modified NSDUH*	[**PROGRAMMER NOTE**: please display the options below based on MODEFREQ.LIQUID.DROP] **If MODE.FREQ.DROP=4** On average, how many **times per day** do you use **cannabis/marijuana oil or liquid DROPS**: _____[**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.DROP=3** On average, how many **days per week** do you use **cannabis/marijuana oil or liquid DROPS**: _____[**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.DROP=2** On average, how many **days per month** do you use **cannabis/marijuana oil or liquid DROPS**: _____[**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.DROP=1** Approximately **how many days over the past 12 months** did you use **cannabis/marijuana oil or liquid DROPS**: _____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES AND LIQUID.FORMAT=1
CANNABIS USE – LIQUIDDROP FREQUENCY CONFIRMATION **[DROP.FREQ.CONF]**	**PROGRAMMER**: DERIVE NUMBER FROM DROP.FREQ. You told us you use (past 12 months: 'used') cannabis/marijuana oil or liquid DROPS (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.LIQUID=4 **'times per day'**; if MODE.FREQ.LIQUID =3 **'days per week'**; if MODE.FREQ.LIQUID =2 **'days per month'**; if MODE.FREQ.LIQUID =1 'days in the past 12 months'). Is that correct?

	1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED DROP.FREQ
CANNABIS USE - LIQUIDDROP **[LIQUID.DROP.AMOUNT]**	**PROGRAMMER NOTE:** MAKE SURE UNIT IS RECORDED AND MAKE IT MANDATORY TO SELECT A UNIT. Think about the **LAST DAY** you used **oil or liquid taken orally (as DROPS).** **How much cannabis/marijuana oil or liquid (taken as DROPS)** did you use over the **entire day**? ENTER NUMBER: _____ [drop-down list: mL/fl oz/drop(s)] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES AND LIQUID.FORMAT=1

CANNABIS USE - LIQUIDDROP – AMOUNT CONFIRMATION **[LIQUID.DROP.AMOUNT.CONF]**	**PROGRAMMER: DERIVE AMOUNT & UNIT FROM PREVIOUS QUESTION.** You told us that you used [**AMOUNT, UNIT**] of cannabis/marijuana oil or liquid. Is that your **usual amount** on days you use oil or liquid DROPS? 1= Yes 2= No – I want to correct my answer 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO TO LIQUID.DROP.AMOUNT.REDO. UNIVERSE: THOSE WHO ANSWERED LIQUID.DROP.AMOUNT
CANNABIS USE - LIQUIDDROP **[LIQUID.DROP.AMOUNT.REDO]**	**PROGRAMMER NOTE:** MAKE SURE UNIT IS RECORDED AND MAKE IT MANDATORY TO SELECT A UNIT. Ok. Think of the average amount you use on days you use **cannabis/marijuana oil or liquid DROPS.** How much do you **usually** use over the **entire day**? 1 mL 0.75 mL 0.5 mL 0.25 mL 0.05 mL 0.025 mL 30 mL/1 oz 1 mL/0.03 oz

	ENTER NUMBER: _____ [drop-down list: mL/fl oz/drop(s)] -77= Don't know -88= Refuse to answer **UNIVERSE: LIQUID.DROP.AMOUNT.CONF=2**
CANNABIS USE - LIQUIDDROP [LIQUID.DROP.BOTTLE.YEAR] NEW 2022	**Programmer:** Add drop down menu for response options How many **bottles** of **cannabis/marijuana oil or liquid DROPS** did you use in the **past 12 months**? 1= Less than 1 bottle 2= 1 bottle 3= 2 bottles 4= 3 bottles 5= 4 bottles 6= 5 bottles 7= 6 bottles 8= 7 bottles 9= 8 bottles 10= 9 bottles 11= 10 bottles 12= 11 bottles 13= 12 bottles 14= 13 bottles 15= 14 bottles 16= 15 bottles 17= 16 bottles 18= 17 bottles 19= 18 bottles 20= 19 bottles 21= 20 bottles 22= More than 20 bottles -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID: USE.MODES=2 AND LIQUID.FORMAT=1
CANNABIS USE – LIQUIDDROP MORE THAN 20 **LIQUIDDROP.MORETHAN** NEW 2022	How many **bottles** of **cannabis/marijuana oil or liquid DROPS** did you use in the **past 12 months**? ENTER NUMBER OF BOTTLES:_____ -77= Don't know -88= Refuse to answer

	UNIVERSE: LIQUID.DROP.BOTTLE.YEAR=22
THC RATIO – LIQUIDDROP **[LIQUIDDROP.THCRATIO]** *Source: New*	**PROGRAMMER**: INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST <u>OR</u> REFUSE Think of the **last time** you used **oil or liquid DROPS**. Which of the following best describes the THC level? 1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know **UNIVERSE**: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=1
THC RATIO – LIQUIDDROP THC **KNOWLEDGE** **[LIQUIDDROP.THC1]**	Do you know the **amount of THC or CBD** in the oil or liquid DROPS you used last? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=1
THC – LIQUIDDROP – UNIT **[LIQUIDDROP.THC.UNIT]**	Would you like to report the THC and CBD levels in…? 1= mg per mL 2= % -77= Don't know -88= Refuse to answer

	UNIVERSE: LIQUIDDROP.THC1=1
THC – LIQUIDDROP THC LEVEL [LIQUIDDROP.THC2]	What were the <u>THC and CBD levels</u> in the cannabis/marijuana oil or liquid DROPS you used last? Enter number: _____ **[mg per mL or %]** THC [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know Enter number: _____ **[mg per mL or %]** CBD [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: LIQUIDDROP.THC1=1 (yes)
THC – LIQUIDDROP THC LEVEL - CONFIRMATION [LIQUIDDROP.THC2.CONF]	**PROGRAMMER:** DERIVE NUMBER FROM LIQUIDDROP.THC2. You told us the last oil or liquid DROPS you used had **[X] [mg per mL or %] THC and [X] [mg per mL or %] CBD**. Are those the <u>**THC and/or CBD levels**</u> of the cannabis/marijuana oil or liquid DROPS you <u>**usually use**</u>? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO to LIQUIDDROP.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO LIQUIDDROP.THC2 (NOT INCLUDING -77 & -88)
THC – LIQUIDDROP THC LEVEL [LIQUIDDROP.THC2.REDO]	What are the <u>**THC and/or CBD levels**</u> of the <u>**oil or liquid DROPS**</u> you <u>**usually use**</u>? Enter number: _____ **[dropdown list: mg per mL or %]** THC [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know Enter number: _____ **[dropdown list: mg per mL or %]** CBD [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: LIQUIDDROP.THC2.CONF=2
CANNABIS USE – DROPS [LIQUIDDROP.HIGH] *SOURCE: adapted from Hunault et al. 2014*	The <u>**last time**</u> you used <u>**oil or liquid DROPS,**</u> how high did you feel? 1= Not at all high 2= A little high 3= High 4= Very high 5= Extremely high

	-77= Don't know -88= Refuse to answer **UNIVERSE**: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=1
CANNABIS USE - DROPS **[LIQUIDDROP.HIGH2]** *Source: new*	Which best describes your experience after using the cannabis/marijuana oil or liquid DROPS? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO LIQUIDDROP.HIGH] 1= Much <u>less</u> high than I wanted 2= A little <u>less</u> high than I wanted 3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer **UNIVERSE**: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=1
CANNABIS SOURCE - LIQUIDDROP **[LIQUIDDROP.SOURCE1]** *Source: Modified Health Canada Survey Draft*	In the **past 12 months**, how did you get the **oil or liquid DROPS** you used? SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer **UNIVERSE**: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=1
CANNABIS SOURCE - LIQUIDDROP **[LIQUIDDROP.SOURCE2]** *Source: Modified Health Canada Survey Draft*	What percent (%) of **oil or liquid DROPS** that you used in the past 12 months did you get from each source: [Insert sources selected from LIQUIDDROP.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer

	UNIVERSE: LIQUIDDROP.SOURCE1= MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE - LEGALITY **[LIQUIDDROP.SOURCE.LEGAL]**	Overall, about what percentage (%) of the **oil or liquid DROPS** that you **used in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer **UNIVERSE**: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=1
CANNABIS SOURCE - LIQUID **[LIQUIDDROP.PURCHASE]** *Source: Modified Health Canada Survey Draft*	In the past 12 months, did you **buy or pay** for any of the **cannabis/marijuana oil or liquid DROPS** you used? 1= Yes 2= No -77= Don't know -88= Refuse to answer **UNIVERSE**: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=1
LAST PURCHASE – LIQUID **[LIQUIDDROP.WHERE]**	The **last time** you bought **oil or liquid DROPS**, where did you buy them? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order(delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDDROP.PURCHASE=1
LAST PURCHASE – LIQUIDDROP. **[LIQUIDDROP.WEB]**	Ok. What type of **internet or delivery service** did you buy the oil or liquid drops from? Remember, we're asking about the **last time** you bought them. 1= An authorized/legal website 2= An unauthorized/illegal website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____

	-77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDDROP.WHERE=3 (INTERNET)
LAST PURCHASE – LIQUIDDROP. **[LIQUIDDROP.STORE]**	Ok. What type of **PHYSICAL store or dispensary** did you buy the oil or liquid drops from? Remember, we're asking about the **last time** you bought them. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDDROP.WHERE=4 (STORE)
LAST PURCHASE - LIQUID **[LIQUIDDROP.LASTPURCH]**	PROGRAMMER: MAKE IT MANDATORY TO SELECT A UNIT & RECORD UNIT CHOICE. The **last time** you bought **oil or liquid DROPS,** how much did you buy? (Bottles often come in 30mL/1 oz sizes but may vary.) 30 mL/1 oz

	ENTER AMOUNT:_____ [drop-down list: mL/fl oz] -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDDROP.PURCHASE=1
MONEY SPENT - LIQUID **[LIQUIDDROP.SPENTLAST]** *Source: New*	**How much did you spend** the **last time** you bought oil or liquid DROPS? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDDROP.PURCHASE=1
LAST PURCHASE - LIQUID - **CONFIRMATION** **[LIQUIDDROP.SPENTLAST.CONF]**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT AMOUNT FROM LIQUIDDROP.LASTPURCH.** You told us that you paid [**$X**] to purchase **[insert amount including units]** cannabis/marijuana oil or liquid. Is that correct? 1= Yes 2= No – I want to correct the amount I bought **[REDIRECT TO LIQUIDDROP.LASTPURCH]** 3= No- I want to correct the amount I paid **[REDIRECT TO LIQUIDDROP.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED LIQUIDDROP.SPENTLAST
LAST PURCHASE – LIQUIDDROP – TAX **[LIQUIDDROP.SPENTLAST.TAX]**	Did the $[insert final corrected value from LIQUIDDROP.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: LIQUIDDROP.WHERE=3 or 4 (internet or store) and entered $ value for LIQUIDDROP.SPENTLAST
LAST PURCHASE – LIQUIDDROP – **SHIPPING** [**LIQUIDDROP.SPENTLAST.SHIP]**	Did the $[insert final corrected value from LIQUIDDROP.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know

	-88= Refuse to answer UNIVERSE: LIQUIDDROP.WHERE=3 (Internet) and entered $ value for LIQUIDDROP.SPENTLAST
MONEY SPENT- LIQUIDDROP **[MONEY.DROP.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** cannabis/marijuana oil or liquid **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDDROP.PURCHASE=1
MONEY SPENT – LIQUIDDROP - **CONFIRMATION** **MONEY.DROP.ALL.CONF** NEW 2022	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.DROP.ALL.** You told us that you spent [**$X**] on all cannabis/marijuana oil or liquid in the past 12 months. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.DROP.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.DROP.ALL
CANNABIS USE – LIQUID CAPSULES **[LIQUIDCAP.INTRO]**	**PROGRAMMER NOTE**: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=2=PAST 12-MONTHUSE** For the following questions, please only include **cannabis oil** taken in **CAPSULE** form. UNIVERSE: LIQUID.FORMAT=MORE THAN 1 FORMAT (e.g., at least 2 of LIQUID.FORMAT=1,2,3)
CANNABIS USE – CAPSULE FREQUENCY **[MODE.FREQ.CAP]**	In the **past 12 months**, how often did you use **oil or liquid CAPSULES**? 1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES2 AND LIQUID.FORMAT=2
CANNABIS USE – LIQUID FREQUENCY **QUANTIFIED** **[CAP.FREQ]**	[**PROGRAMMER NOTE: please display the options below based on MODE.FREQ.CAP**] **If MODE.FREQ.CAP=4**

Source: modified NSDUH	On average, how many **times per day** do you use <u>cannabis/marijuana oil or liquid CAPSULES</u>: _____ [**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.CAP=3** On average, how many **days per week** do you use <u>cannabis/marijuana oil or liquid CAPSULES</u>: _____ [**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.CAP=2** On average, how many **days per month** do you use <u>cannabis/marijuana oil or liquid CAPSULES</u>: _____ [**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.CAP=1** Approximately **how many days over the past 12 months** did you use <u>cannabis/marijuana oil or liquid CAPSULES</u>: _____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES2 AND LIQUID.FORMAT=2
CANNABIS USE – LIQUID FREQUENCY CONFIRMATION **[CAP.FREQ.CONF]**	**PROGRAMMER**: DERIVE NUMBER FROM CAP.FREQ. You told us you use (past 12 months: 'used') cannabis/marijuana oil or liquid CAPSULES (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.CAP=4 **'times per day'**; if MODE.FREQ.CAP=3 **'days per week'**; if MODE.FREQ.CAP=2 **'days per month'**; if MODE.FREQ.CAP=1 **'days in the past 12 months'**). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED CAP.FREQ
CANNABIS USE - LIQUID **[LIQUID.CAP.AMOUNT]**	Think about the <u>**LAST DAY**</u> you used **oil or liquid CAPSULES.** **How many oil or liquid CAPSULES** did you use over the <u>**entire day?**</u>

capsules

ENTER NUMBER: _____capsule(s)

-77= Don't know
-88= Refuse to answer

UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES2 AND LIQUID.FORMAT=2

CANNABIS USE - LIQUID – AMOUNT CONFIRMATION **[LIQUID.CAP.AMOUNT.CONF]**	**PROGRAMMER: DERIVE NUMBER FROM PREVIOUS QUESTION. DERIVE TIMERAME FROM MODE.FREQUENCY 2** You told us that you used [**NUMBER**] oil or liquid capsules. Is that your **usual amount** on days you use oil or liquid CAPSULES? 1= Yes 2= No – I want to correct my answer 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO TO LIQUID.CAP.AMOUNT.REDO. UNIVERSE: THOSE WHO ANSWERED LIQUID.CAP.AMOUNT
CANNABIS USE - LIQUIDCAP **[LIQUID.CAP.AMOUNT.REDO]**	Ok. Think of the **average** amount you use on days you use **oil or liquid CAPSULES.** How many do you **usually** use over the **entire day**?

ENTER NUMBER: _____capsule(s)

-77= Don't know
-88= Refuse to answer

UNIVERSE: LIQUID.CAP.AMOUNT.CONF=2

| CANNABIS USE - LIQUIDCAP [LIQUID.CAP.BOTTLE.YEAR] NEW 2022 | **Programmer:** Add drop down menu for response options

There are usually about 30 capsules in a bottle.

How many **bottles** of **cannabis/marijuana oil or liquid CAPSULES** did you use in the **past 12 months**?

1= Less than 1 bottle
2= 1 bottle
3= 2 bottles
4= 3 bottles
5= 4 bottles
6= 5 bottles
7= 6 bottles
8= 7 bottles
9= 8 bottles
10= 9 bottles |

	11= 10 bottles 12= 11 bottles 13= 12 bottles 14= 13 bottles 15= 14 bottles 16= 15 bottles 17= 16 bottles 18= 17 bottles 19= 18 bottles 20= 19 bottles 21= 20 bottles 22= More than 20 bottles -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID: USE.MODES=2 AND LIQUID.FORMAT=2
CANNABIS USE – LIQUIDDROP MORE THAN 20 **LIQUIDCAP.MORETHAN** NEW 2022	How many **bottles** of **cannabis/marijuana oil or liquid CAPSULES** did you use in the **past 12 months**? ENTER NUMBER OF BOTTLES:_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUID.CAP.BOTTLE.YEAR=22
THC RATIO – LIQUID **[LIQUIDCAP.THCRATIO]** *Source: New*	**PROGRAMMER**: INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST <u>OR</u> REFUSE Think of the **last time** you used **oil or liquid CAPSULES**. Which of the following best describes the THC level? 1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD

	4b=High CBD 5b=Very high CBD 6b= I don't know **UNIVERSE**: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=2
THC RATIO – LIQUIDCAP THC KNOWLEDGE **[LIQUIDCAP.THC1]**	Do you know the **amount of THC or CBD** in the oil or liquid CAPSULES you used last? 1= Yes 2= No -77= Don't know -88= Refuse to answer **UNIVERSE**: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=2
THC – LIQUIDDROP – UNIT **[LIQUIDCAP.THC.UNIT]**	Would you like to report the THC and CBD levels in…? 1= mg per capsule 2= % -77= Don't know -88= Refuse to answer UNIVERSE**:** LIQUIDCAP.THC1=1
THC – LIQUIDCAP THC LEVEL **[LIQUIDCAP.THC2]**	What were the THC and CBD levels in the **oil or liquid CAPSULES** you used last? Enter number: _____**[mg per capsule or %]** **THC** [**PROGRAMMER**: range=0-100 mg or 0-100%] or Don't know Enter number: _____**[mg per capsule or %]** **CBD** [**PROGRAMMER**: range=0-100 mg or 0-100%] or Don't know -88= Refuse to answer UNIVERSE: LIQUIDCAP.THC1=1 (yes)
THC – LIQUIDCAP THC LEVEL - CONFIRMATION **[LIQUIDCAP.THC2.CONF]**	**PROGRAMMER**: DERIVE PERCENTAGE FROM LIQUIDCAP.THC2. You told us the last **oil or liquid CAPSULES** you used had **[X] [mg or %] THC and [X] [mg or %] CBD**. Is that the **THC level** of the oil or liquid CAPSULES you **usually use**? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use them regularly

	PROGRAMMER: IF THEY SELECT NO, GO to LIQUIDCAP.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO LIQUIDCAP.THC2 (NOT INCLUDING -77 & -88)
THC – LIQUIDCAP THC LEVEL **[LIQUIDCAP.THC2.REDO]**	What are the <u>**THC and/or CBD levels**</u> of the <u>**oil or liquid CAPSULES**</u> you <u>**usually use**</u>? Enter number: _____ **[dropdown: mg per capsule or %]** **THC** [**PROGRAMMER**: range=0-100 mg or 0-100%] or Don't know Enter number: _____ **[dropdown: mg per capsule or %]** **CBD** [**PROGRAMMER**: range=0-100 mg or 0-100%] or Don't know -88= Refuse to answer -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDCAP.THC2.CONF=2
CANNABIS USE – CAPS **[LIQUIDCAP.HIGH]** ***SOURCE:*** *adapted from Hunault et al.* *2014*	The <u>**last time**</u> you used <u>**oil or liquid CAPSULES,**</u> how high did you feel? 1= Not at all high 2= A little high 3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=2
CANNABIS USE - CAPS **[LIQUIDCAP.HIGH2]** ***Source:*** *new*	Which best describes your experience after using the cannabis/marijuana oil or liquid CAPSULES? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO LIQUIDCAP.HIGH] 1= Much <u>less</u> high than I wanted 2= A little <u>less</u> high than I wanted 3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer

	UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=2
CANNABIS SOURCE - LIQUIDCAP **[LIQUIDCAP.SOURCE1]** **Source: Modified Health Canada Survey Draft**	In the past 12 months, **how did you get** the oil or liquid **CAPSULES** you used? SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4=Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary/clinic (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=2
CANNABIS SOURCE - LIQUIDCAP **[LIQUIDCAP.SOURCE2]** *Source: Modified Health Canada Survey Draft*	**PROGRAMMER NOTE**: IF LIQUIDCAP.SOURCE1= MORE THAN 1 OPTION SELECTED ASK: What **percent (%) of oil or liquid CAPSULES** that you used in the past 12 months did you get from **each source**: [Insert sources selected from LIQUIDCAP.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer UNIVERSE: LIQUIDCAP.SOURCE1= MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE - LEGALITY **[LIQUIDCAP.SOURCE.LEGAL]**	Overall, about what percentage (%) of the **oil or liquid CAPSULES** that you **used in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=2
CANNABIS SOURCE - LIQUIDCAP **[LIQUIDCAP.PURCHASE]**	In the past 12 months, did you **buy or pay** for any of the **oil or liquid CAPSULES** you used? 1= Yes

Source: Modified Health Canada Survey Draft	2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=2 AND LIQUID.FORMAT=2
LAST PURCHASE – LIQUID **[LIQUIDCAP.WHERE]**	**The last time** you bought **oil or liquid CAPSULES**, where did you buy them? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order (delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDCAP.PURCHASE=1
LAST PURCHASE – LIQUIDCAP. **[LIQUIDCAP.WEB]**	Ok. What type of **internet or delivery service** did you buy the oil or liquid capsules from? Remember, we're asking about the **last time** you bought them. 1= An authorized/legal website 2= An unauthorized/illegal website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDCAP.WHERE=3 (INTERNET)
LAST PURCHASE – LIQUIDCAP. **[LIQUIDCAP.STORE]**	Ok. What type of **PHYSICAL store or dispensary** did you buy the oil or liquid capsules from? Remember, we're asking about the **last time** you bought them. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store' ; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer

	UNIVERSE: LIQUIDCAP.WHERE=4 (STORE)
AST PURCHASE – LIQUIDCAP [LIQUIDCAP.LASTPURCH]	**The last time** you bought **oil or liquid CAPSULES**, how many did you buy? (The number of capsules in a bottle varies, but often ranges from 15-60 capsules.) ENTER NUMBER: _____capsule(s) -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDCAP.PURCHASE=1
MONEY SPENT – LIQUID CAPS [LIQUIDCAP.SPENTLAST] *Source: New*	**How much** did you spend the **last time** you bought **oil or liquid CAPSULES**? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDCAP.PURCHASE=1

LAST PURCHASE – LIQUID - CONFIRMATION [LIQUIDCAP.SPENTLAST.CONF]	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT NUMBER FROM LIQUIDCAP.LASTPURCH.** You told us that you paid [**$X**] to purchase **[insert number**] CAPSULES. Is that correct? 1= Yes 2= No – I want to correct the number I bought **[REDIRECT TO LIQUIDCAP.LASTPURCH]** 3= No- I want to correct the amount I paid **[REDIRECT TO LIQUIDCAP.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED LIQUIDCAP.SPENTLAST
LAST PURCHASE – LIQUIDCAP – TAX [LIQUIDCAP.SPENTLAST.TAX]	Did the $[insert final corrected value from LIQUIDCAP.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: LIQUIDCAP.WHERE=3 or 4 (internet or store) and entered $ value for LIQUIDCAP.SPENTLAST
LAST PURCHASE – LIQUIDCAP – SHIPPING [LIQUIDCAP.SPENTLAST.SHIP]	Did the $[insert final corrected value from LIQUIDCAP.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDCAP.WHERE=3 (Internet) and entered $ value for LIQUIDCAP.SPENTLAST
MONEY SPENT- LIQUIDCAP **[MONEY.CAP.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** cannabis/marijuana oil or liquid capsules **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDCAP.PURCHASE=1
MONEY SPENT – LIQUIDCAP - CONFIRMATION MONEY.CAP.ALL.CONF	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.CAP.ALL.** You told us that you spent [**$X**] on all cannabis/marijuana oil or liquid capsules in the past 12 months. Is that correct?

NEW 2022	1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.CAP.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.CAP.ALL
CANNABIS USE – VAPE OIL [LIQUIDVAPE.INTRO]	**PROGRAMMER NOTE**: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=3=PAST 12-MONTHUSE** We now want to ask you about **VAPED cannabis/marijuana oil or liquid.** **Please DO NOT include vaped nicotine products in this section.**
CANNABIS USE – LIQUIDVAPE FREQUENCY **[MODE.FREQ.LIQUIDVAPE]**	In the **past 12 months**, how often did you **VAPE cannabis/marijuana oil or liquid**? 1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES3
CANNABIS USE – LIQUIDVAPE FREQUENCY QUANTIFIED **[LIQUIDVAPE.FREQ]** *Source: modified NSDUH*	[**PROGRAMMER NOTE: please display the options below based on MODE.FREQ.LIQUIDVAPE**] **If MODE.FREQ.LIQUIDVAPE=4** On average, how many **times per day** do you **vape cannabis/marijuana oil or liquid**: _____ [**PROGRAMMER**: Range= 1-24] **If MODE.FREQ. LIQUIDVAPE=3** On average, how many **days per week** do you **vape cannabis/marijuana oil or liquid**: _____ [**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.LIQUIDVAPE=2** On average, how many **days per month** do you **vape cannabis/marijuana oil or liquid**: _____ [**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.LIQUIDVAPE=1** Approximately **how many days over the past 12 months** did you **vape cannabis/marijuana oil or liquid**: _____ [**PROGRAMMER**: Range= 1-365]

	UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES3
CANNABIS USE – LIQUIDVAPE FREQUENCY CONFIRMATION **[LIQUIDVAPE.FREQ.CONF]**	**PROGRAMMER**: DERIVE NUMBER FROM LIQUIDVAPE.FREQ. You told us you vape (past 12 months: 'vaped') cannabis/marijuana oil or liquid (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.LIQUIDVAPE=4 **'times per day'**; if MODE.FREQ.LIQUIDVAPE=3 **'days per week'**; if MODE.FREQ.LIQUIDVAPE=2 **'days per month'**; if MODE.FREQ.LIQUIDVAPE=1 **'days in the past 12 months'**). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED LIQUIDVAPE.FREQ
CANNABIS USE - LIQUID FOR VAPING **[LIQUIDVAPE.AMOUNT**]	Think about the **LAST DAY** you **vaped cannabis/marijuana oil.** **How many times** did you **vape oil or liquid** over the **entire day?** ENTER NUMBER:_____ **times** -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
CANNABIS USE - LIQUIDVAPE – AMOUNT CONFIRMATION **[LIQUIDVAPE.AMOUNT.CONF]**	**PROGRAMMER: DERIVE NUMBER OF TIMES FROM PREVIOUS QUESTION.** You told us that you **vaped oil or liquid** [**NUMBER**] times. Is that your **usual amount** on days you vape oil or liquid? 1= Yes 2= No – I want to correct my answer 3= Not applicable – I don't use it regularly PROGRAMMER: IF THEY SELECT NO, GO TO LIQUIDVAPE.AMOUNT.REDO. UNIVERSE: THOSE WHO ANSWERED LIQUIDVAPE.AMOUNT
CANNABIS USE - LIQUIDVAPE **[LIQUIDVAPE.AMOUNT.REDO]**	Ok. Think of the **average** amount you use on days you **vape oil or liquid.** How many **times** do you **usually** vape over the **entire day**?

	ENTER NUMBER: _____ **times**
	-77= Don't know -88= Refuse to answer
	UNIVERSE: LIQUIDVAPE.AMOUNT.CONF=2
THC RATIO – LIQUIDVAPE **[LIQUIDVAPE.THCRATIO]** *Source: New*	**PROGRAMMER**: INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST <u>OR</u> REFUSE Think of the **last time** you **vaped cannabis/marijuana oil or liquid**. Which of the following best describes the THC level? 1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
THC – LIQUIDVAPE THC KNOWLEDGE **[LIQUIDVAPE.THC1]**	Do you know the **amount of THC or CBD** in the **oil or liquid** you **vaped last**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3

THC – LIQUIDVAPE – UNIT **[LIQUIDVAPE.THC.UNIT]**	Would you like to report the THC and CBD levels in…? 1= mg per mL 2= % -77= Don't know -88= Refuse to answer UNIVERSE**:** LIQUIDVAPE.THC1=1
THC - LIQUIDVAPE THC LEVEL **[LIQUIDVAPE.THC2]**	What were the THC and CBD levels in the **oil or liquid** you vaped last? Enter number: _____**[mg per mL or %**] **THC** [**PROGRAMMER:** RANGE=0-100% or 0-1000 mg] or Don't know Enter number: _____**[mg per mL or %**] **CBD** [**PROGRAMMER:** RANGE=0-100% or 0-1000 mg] or Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.THC1=1 (yes)
THC – LIQUIDVAPE THC LEVEL - **CONFIRMATION** **[LIQUIDVAPE.THC2.CONF]**	PROGRAMMER: DERIVE PERCENTAGE FROM LIQUIDVAPE.THC2. You told us the last oil or liquid you vaped had **[X] mg per mL or %] THC and [X] [mg per mL or %] CBD**. Are those the **THC and/or CBD levels** of the oil or liquid you **usually vape**? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use it regularly PROGRAMMER: IF THEY SELECT NO, GO to LIQUIDVAPE.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO LIQUIDVAPE.THC2 (NOT INCLUDING -77 & -88)
THC – LIQUIDVAPE THC LEVEL **[LIQUIDVAPE.THC2.REDO]**	What are the **THC and/or CBD levels** of the **oil or liquid** you **usually vape**? Enter number: _____**[dropdown: mg per mL or %**] **THC** [**PROGRAMMER:** RANGE=0-100% or 0-1000 mg] or Don't know Enter number: _____**[dropdown: mg per mL or %**] **CBD** [**PROGRAMMER:** RANGE=0-100% or 0-1000 mg] or Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.THC2.CONF=2
CANNABIS USE – LIQUIDVAPE **[LIQUIDVAPE.HIGH]** **SOURCE**: *adapted from Hunault et al.* *2014*	The **last time** you **vaped oil or liquid,** how high did you feel? 1= Not at all high 2= A little high

	3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
CANNABIS USE - LIQUIDVAPE **[LIQUIDVAPE.HIGH2]** *Source: new*	Which best describes your experience after vaping the oil or liquid? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO LIQUIDVAPE.HIGH] 1= Much <u>less</u> high than I wanted 2= A little <u>less</u> high than I wanted 3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
[LIQUIDVAPE.PEN]	PROGRAMMER: TIMEFRAME WORDING BASED ON MODE.FREQ.LIQUIDVAPE. How many VAPE CARTRIDGES or DISPOSABLE VAPE PENS do you use in an average [weekly/daily users: "MONTH"; monthly/less than monthly: "YEAR"]? 1= Less than 1 2= 1 3= 2 4= 3 5= 4 6= 5 7= 6 8= 7 9= 8 10= 9 11= 10 12= 11 13= 12 14= 13 15= 14

	16= 15 17= 16 18= 17 19= 18 20= 19 21= 20 22= More than 20 -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
[LIQUIDVAPE.SIZE] NEW 2022	Vape pens/cartridges usually come in two sizes: **0.5 grams and 1.0 grams.** Do you know which size you usually used in the past 12 months? 1= All 0.5 gram 2= All 1.0 gram 3= Both -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
[LIQUIDVAPE.GRAM] NEW 2022	Approximately **how many** of the vape pens/cartridges you used were **0.5 grams**? 1=Less than one quarter of cartridges were 0.5 grams 2=About a quarter were 0.5 grams 3=Half were 0.5 grams 4=Three quarters were 0.5 grams 5=Almost all were 0.5 grams 6=All cartridges were 0.5 grams -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.SIZE=3
[LIQUIDVAPE.FLAVOUR] MODIFIED 2022	In the past 12 months, have you used **marijuana vape oil** with any of the following flavours? SELECT ALL THAT APPLY. 1= I have not used any flavoured vape oils 2= Fruit (peach, berry, lemon, apple, etc.)

	3= Spice (e.g., clove) 4= Vanilla 5= Menthol or mint 6= Cake, candy, desserts, or sweets 7= Other flavour (please specify): _____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
[LIQUIDVAPE.FLAVOUR2]	In the **past 12 months,** which of these vape oil flavours did you use MOST OFTEN? [PROGRAMMER: populate list of flavours they selected above; respondents can select only 1] -77= Don't know -88= Refuse to answer UNIVERSE: RESPONDENTS WHO SELECTED MORE THAN 1 FLAVOUR IN LIQUIDVAPE.FLAVOUR (excluding "I have not used any")
CANNABIS SOURCE - LIQUIDVAPE **[LIQUIDVAPE.SOURCE1]** **Source: Modified Health Canada Survey Draft**	In the **past 12 months**, how did you get the **oil or liquid** you **vaped**? SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
CANNABIS SOURCE – LIQUIDVAPE **[LIQUIDVAPE.SOURCE2]** **Source: Modified Health Canada Survey Draft**	What percent (%) of **oil or liquid** that you **vaped** in the past 12 months did you get from each source: [Insert sources selected from LIQUIDVAPE.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know

	-88=Refuse to answer UNIVERSE: LIQUIDVAPE.SOURCE1= MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE – LEGALITY **[LIQUIDVAPE.SOURCE.LEGAL]**	Overall, about what percentage (%) of the **oil or liquid** that you **VAPED in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FOR VAPING FROM USE.MODES=3
CANNABIS SOURCE – LIQUID FOR VAPING **[LIQUIDVAPE.PURCHASE]** *Source: Modified Health Canada Survey Draft*	In the past 12 months, did you **buy or pay** for any of the **oil or liquid** you **vaped**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF LIQUID FROM USE.MODES=3
LAST PURCHASE – LIQUIDVAPE **[LIQUIDVAPE.WHERE]**	**The last time** you bought **oil or liquid for vaping,** where did you buy it? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order (delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.PURCHASE=1
LAST PURCHASE – LIQUIDVAPE **[LIQUIDVAPE.WEB]**	Ok. What type of **internet or delivery service** did you buy the oil or liquid for vaping from? Remember, we're asking about the **last time** you bought it. 1= An authorized/legal website 2= An unauthorized/illegal website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative']

	3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.WHERE=3 (INTERNET)
LAST PURCHASE – LIQUIDVAPE **[LIQUIDVAPE.STORE]**	Ok. What type of **PHYSICAL store or dispensary** did you buy the oil or liquid for vaping from? Remember, we're asking about the **last time** you bought it. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.WHERE=4 (STORE)
LAST PURCHASE - LIQUID FOR VAPING **[LIQUIDVAPE.LASTPURCH]**	PROGRAMMER: MAKE IT MANDATORY TO SELECT A UNIT & RECORD UNIT CHOICE. The **last time** you bought **oil or liquid for vaping**, how much did you buy? (Vape pens and cartridges vary, but often range from 0.3–1.0 g, or 300–1000 mg.) ENTER AMOUNT:_____ [drop-down list: mg/g/mL/fl oz]

	-77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.PURCHASE=1
MONEY SPENT – LIQUID FOR VAPING **[LIQUIDVAPE.SPENTLAST]** *Source: New*	**How much** did you spend the **last time** you bought **oil or liquid for vaping**? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.PURCHASE=1
LAST PURCHASE – LIQUIDVAPE - **CONFIRMATION** **[LIQUIDVAPE.SPENTLAST.CONF]**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT AMOUNT FROM LIQUIDVAPE.LASTPURCH.** You told us that you paid [**$X**] to purchase **[insert amount including units]** of oil or liquid for vaping. Is that correct? 1= Yes 2= No – I want to correct the amount I bought **[REDIRECT TO LIQUIDVAPE.LASTPURCH]** 3= No- I want to correct the amount I paid **[REDIRECT TO LIQUIDVAPE.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED LIQUIDVAPE.SPENTLAST
LAST PURCHASE – LIQUIDCAP – TAX **[LIQUIDVAPE.SPENTLAST.TAX]**	Did the $[insert final corrected value from LIQUIDVAPE.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: LIQUIDVAPE.WHERE=3 or 4 (internet or store) and entered $ value for LIQUIDVAPE.SPENTLAST
LAST PURCHASE – LIQUIDCAP – **SHIPPING** [**LIQUIDVAPE.SPENTLAST.SHIP**]	Did the $[insert final corrected value from LIQUIDVAPE.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know -88= Refuse to answer

	UNIVERSE: LIQUIDVAPE.WHERE=3 (Internet) and entered $ value for LIQUIDVAPE.SPENTLAST
MONEY SPENT- LIQUIDVAPE **[MONEY.VAPE.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** cannabis oil or liquid for vaping **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: LIQUIDVAPE.PURCHASE=1
MONEY SPENT – LIQUIDVAPE - CONFIRMATION **MONEY.VAPE.ALL.CONF** NEW 2022	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.VAPE.ALL.** You told us that you spent [**$X**] on all cannabis oil or liquid for vaping in the past 12 months. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.VAPE.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.VAPE.ALL
VAPING INJURIES **[VAPE.NEWS]**	Have you seen or heard any news or media reports about **adverse reactions or lung illness from vaping?** 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
VAPING INJURIES **[VAPE.AFFECT1]**	Did the news stories affect whether you vaped THC/cannabis oil? SELECT ALL THAT APPLY. 1= No effect 2= Yes – I reduced how often I vape THC/cannabis oil 3= Yes – I stopped vaping THC/cannabis oil 4= Yes – I started buying THC/cannabis oil from legal instead of illegal sources 5= Other (please specify): _____ -77= Don't know -88= Refuse to answer

	UNIVERSE: VAPE.NEWS=1 AND PAST 12 MONTH-USER OF LIQUIDVAPE FROM USE.MODES3
VAPING INJURIES **[VAPE.AFFECT2]**	Did the news stories affect whether you would vape THC/cannabis oil? 1= No effect 2= Yes – I am less likely to vape THC/cannabis oils 3= Other (please specify): _____ -77= Don't know -88= Refuse to answer UNIVERSE: VAPE.NEWS=1 AND **NO** PAST 12-MONTH VAPE USE FROM USE.MODES3
CANNABIS USE – EDIBLES **[EDIBLE.INTRO]**	**PROGRAMMER NOTE**: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=4=PAST 12-MONTHUSE** We now want to ask you about **edible marijuana products.** **Edible products include things you EAT; please don't include drinks in this section—we'll ask about cannabis drinks later.**
CANNABIS USE – EDIBLE FREQUENCY **[MODE.FREQ.EDIBLE]**	In the **past 12 months**, how often did you eat **edible marijuana products?** 1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES4
CANNABIS USE – EDIBLE FREQUENCY QUANTIFIED **[EDIBLE.FREQ]** *Source: modified NSDUH*	[**PROGRAMMER NOTE: please display the options below based on MODE.FREQ.CAP**] **If MODE.FREQ.EDIBLE=4** On average, how many **times per day** do you have **edible marijuana products**: _____[**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.EDIBLE=3** On average, how many **days per week** do you have **edible marijuana products**: _____[**PROGRAMMER**: Range= 1-7]

	If MODE.FREQ.EDIBLE=2 On average, how many **days per month** do you have **edible marijuana products**: _____[**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.EDIBLE=1** Approximately **how many days over the past 12 months** did you have **edible marijuana products**: _____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES4
CANNABIS USE – EDIBLE FREQUENCY CONFIRMATION **[EDIBLE.FREQ.CONF]**	**PROGRAMMER**: DERIVE NUMBER FROM EDIBLE.FREQ. You told us you had edibles (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.EDIBLE=4 **'times per day**'; if MODE.FREQ.EDIBLE=3 **'days per week'**; if MODE.FREQ.EDIBLE=2 **'days per month'**; if MODE.FREQ.EDIBLE=1 **'days in the past 12 months'**). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED EDIBLE.FREQ
HOMEMADE EDIBLES – TRIED **[HOMEMADE.EDIBLES.TRIED]** NEW 2022	In the past 12 months, have you had any **'HOMEMADE'** edibles made by you or someone you know? Do not include edibles bought from a store or a dealer. 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE= USE.MODES=4 and USE.RECENT=2,3,4 (have used in the past year)
[HOMEMADE.EDIBLESOURCE] NEW 2022	**PROGRAMMER NOTE**: if HOMEMADE.EDIBLES.TRIED =1, THEN pop up below question on same screen] Did you make any of the homemade edibles yourself or did you get them from someone you know? [SELECT ALL THAT APPLY] 1= Made them myself 2= From someone else -77= Don't know -88= Refuse to answer

	UNIVERSE: HOMEMADE.EDIBLES.TRIED=1
HOMEMADE EDIBLES – AMOUNT [HOMEMADE.EDIBLES.AMOUNT] NEW 2022	Of all the edibles you had in the past 12 months, how many of them were homemade by you or someone you know? Do not include edibles bought from a store or a dealer. 1=Almost none 2=Less than 10% 3=10% 4=20% 5=30% 6=40% 7=50% 8=60% 9=70% 10=80% 11=90% 12=100% -77= Don't know -88= Refuse to answer UNIVERSE: HOMEMADE.EDIBLES.TRIED=1
CANNABIS USE - EDIBLES [EDIBLE.TYPE]	The **LAST DAY** you had an **edible**, what type was it? If you used cannabis oil or butter to make food, choose the type of food from the list below. 1= Gummy or jelly candy (e.g., gummy bears, sour or soft candy) 2= Other candy (e.g., lollipop, hard candy, licorice, caramel, toffee) 3= Cookie 4= Chocolate (e.g., chocolate/candy bar, truffle, peanut butter cups) 5= Brownie 6= Other baked good (e.g., muffin, cake, rice krispie treat) 7= Mint or gum 8= Salty or savoury snack (e.g., chocolate-covered pretzels or nuts, crackers) 9= Dried fruit 10= Granola/cereal bar, protein bar or energy bite 11= Butter or oil <u>used on its own</u> 12= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4

CANNABIS USE - EDIBLES **[EDIBLE.AMOUNT]**	**PROGRAMMER:** DERIVE TYPE OF EDIBLE FROM EDIBLE.TYPE. (DON'T NEED TO INCLUDE EXAMPLES IN BRACKETS). IF EDIBLE.TYPE=-77 OR -88, insert 'edible marijuana product'. IF EDIBLE.TYPE='OTHER', USE THEIR TEXT ENTRY. FOR 'DRIED FRUIT' PLEASE USE TEXT: "How many pieces of dried fruit"). Think about the **LAST DAY** you had an **edible.** How much/many of the [**INSERT EDIBLE TYPE**] did you eat? 1= Less than ¼ 2= ¼ 3= ½ 4= ¾ 5= 1 6= 2 7= 3 8= 4 9= 5 10= More than 5 -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4 <u>EXCEPT</u> THOSE WHO SELECTED EDIBLE.TYPE=11
EDIBLE.AMOUNT2	[PROGRAMMER: MAKE IT MANDATORY TO SELECT A UNIT. ALLOW 2 DECIMAL PLACES.] Think about the **LAST DAY** you had cannabis butter or oil (e.g., cannabutter, coconut oil)**.** How much of the butter or oil did you **EAT**? ENTER AMOUNT: _____ [Dropdown list of units: teaspoon(s), tablespoon(s), cup(s), oz, mL] -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.TYPE=11
CANNABIS USE - EDIBLE – AMOUNT CONFIRMATION **[EDIBLE.AMOUNT.CONF]**	**PROGRAMMER:** DERIVE AMOUNT FROM EDIBLE.AMOUNT, or EDIBLE.AMOUNT2 with unit. You told us that you ate [**AMOUNT**] of the [INSERT EDIBLE TYPE]. Is that your <u>**usual amount**</u> on days you eat edibles? 1= Yes 2= No – I want to correct my answer 3= Not applicable – I don't use them regularly

	PROGRAMMER: IF THEY SELECT NO, GO TO EDIBLE.AMOUNT.REDO. UNIVERSE: THOSE WHO ANSWERED EDIBLE.AMOUNT
CANNABIS USE - EDIBLES **[EDIBLE.AMOUNT.REDO]**	**PROGRAMMER:** DERIVE TYPE OF EDIBLE FROM EDIBLE.TYPE. (DON'T NEED TO INCLUDE EXAMPLES IN BRACKETS). IF EDIBLE.TYPE=-77 OR -88, delete text 'such as [INSERT EDIBLE TYPE]'. If EDIBLE.TYPE='OTHER', USE THEIR TEXT ENTRY. Ok. Think of the **average** amount you use on days you have **edibles** such as **[INSERT EDIBLE TYPE]**. **How much/many edibles** do you **usually** have over the **entire day**? 1= Less than ¼ 2= ¼ 3= ½ 4= ¾ 5= 1 6= 2 7= 3 8= 4 9= 5 10= More than 5 -77= Don't know -88= Refuse to answer -77= Don't know -88= Refuse to answer **UNIVERSE**: EDIBLE.AMOUNT.CONF=2 AND EDIBLE.TYPE=1-10
EDIBLE.AMOUNT2.REDO	[PROGRAMMER: MAKE IT MANDATORY TO SELECT A UNIT. ALLOW 2 DECIMAL PLACES.]] Ok. Think of **a usual day** you have **edibles** such as cannabis butter or oil (e.g., cannabutter, coconut oil)**.** How much of the butter or oil do you **usually** have over the **entire day**? ENTER AMOUNT: _____ [Drop-down list of units: teaspoon(s), tablespoon(s), cup(s), oz, mL] -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.AMOUNT.CONF=2 AND EDIBLE.TYPE=11
CANNABIS USE - EDIBLES **[EDIBLE.SERVING]**	**PROGRAMMER:** DERIVE AMOUNT FROM EDIBLE.AMOUNT OR EDIBLE.AMOUNT.REDO, OR EDIBLE.AMOUNT2 or EDIBLE.AMOUNT2.REDO, with units.

	When you ate [**AMOUNT**] of the [INSERT EDIBLE TYPE], how many **servings of THC** was this? Enter number: _____servings of THC [**PROGRAMMER:** Max=100. Allow up to 2 decimal places.] -77= Don't know -88= Refuse to answer UNIVERSE: THOSE WHO ANSWERED EDIBLE.AMOUNT
THC RATIO – EDIBLE **[EDIBLE.THCRATIO]** *Source: New*	**PROGRAMMER**: INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST <u>OR</u> REFUSE Think of the **last time** you had an **edible**. Which of the following best describes the THC level? 1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4
THC – EDIBLE THC KNOWLEDGE **[EDIBLE.THC1]** NEW 2022	Do you know the **amount of THC or CBD** of the edibles you used last? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4
THC – EDIBLE THC LEVEL **[EDIBLE.THC2]**	What were the **THC and CBD levels** of the edibles you used last?

MODIDIED 2022	Enter number: _____**mg THC** [**PROGRAMMER:** RANGE=0-1000 mg] or Don't know Enter number: _____**mg CBD** [**PROGRAMMER:** RANGE=0-1000 mg] or Don't know -88= Refuse to answer UNIVERSE: EDIBLE.THC1=1
THC – EDIBLE THC LEVEL - **CONFIRMATION** **[EDIBLE.THC2.CONF]**	PROGRAMMER: DERIVE PERCENTAGE FROM EDIBLE.THC2. You told us the last edible you ate had **[X] mg THC and [X] mg CBD**. Are those the **THC and/or CBD levels** of the edibles you **usually eat**? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO TO EDIBLE.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO EDIBLE.THC2 (NOT INCLUDING -77 & -88)
THC – EDIBLE THC LEVEL **[EDIBLE.THC2.REDO]**	What are the **THC and/or CBD levels** of the **edibles** you **usually eat**? Enter number: _____**mg THC** [**PROGRAMMER:** RANGE=0-1000 mg] or Don't know Enter number: _____**mg CBD** [**PROGRAMMER:** RANGE=0-1000 mg] or Don't know -88= Refuse to answer UNIVERSE: EDIBLE.THC2.CONF=2
CANNABIS USE - EDIBLES **[EDIBLE.HIGH]** ***SOURCE**: adapted from Hunault et al. 2014*	The **last time** you had **an edible,** how high did you feel? 1= Not at all high 2= A little high 3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4

CANNABIS USE - EDIBLES **[EDIBLE.HIGH2]** *Source: new*	Which best describes your experience after eating the edible? 0= I didn't feel high at all- [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO EDIBLE.HIGH] 1= Much <u>less</u> high than I wanted 2= A little <u>less</u> high than I wanted 3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4
CANNABIS USE - EDIBLES **[EDIBLE.THCKNOWLEDGE]** *Source: new*	[**PROGRAMMER**: Illegal US states, AUS AND NZ]: In places where marijuana is legal, governments use a <u>**standard serving of THC.**</u> Do you know what the standard serving is? [**PROGRAMMER**: Canada and US legal states]: In places where marijuana is legal, governments use a <u>**standard serving of THC.**</u> Do you know the standard serving where you live? 1= Yes 2= No 3= Don't know -88= Refuse to answer UNIVERSE: ALL
CANNABIS USE - EDIBLES **[EDIBLE.THCAMOUNT]**	Ok. How much <u>**THC**</u> is in <u>**one standard serving**</u> of an <u>**edible**</u> [**PROGRAMMER**: In Canada & US legal states, add "where you live"]? Enter number: _____ mg THC [PROGRAMMER: range: 1-1000 mg] -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.THCKNOWLEDGE = 1
CANNABIS USE - EDIBLES **[EDIBLE.THCPACKAGE]**	In Canada, marijuana edibles can have more than 1 piece per package (e.g., multiple gummies), but there is a maximum amount of THC allowed per package. Do you know the maximum amount of THC allowed PER PACKAGE in legal edibles? 1= Yes (please enter mg THC):_____ 2= I don't know

	-88= Refuse to answer UNIVERSE: CANADA ONLY
CANNABIS USE - EDIBLES **[EDIBLE.DOSE]**	In general, when you eat **edibles**, do you try to consume a specific amount of **THC**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: USE.MODES=4
CANNABIS USE - EDIBLES **[EDIBLE.DOSEAMOUNT]**	What amount of **THC** do you usually **try** to consume? ENTER AMOUNT: _____ mg THC [PROGRAMMER: range: 0-1000 mg] UNIVERSE: EDIBLE.DOSE=1 AND USE.MODES=4
CANNABIS USE - EDIBLES **[EDIBLE.DOSERIGHT]**	Do you think the standard serving size for edible products is the right amount [**PROGRAMMER**: In Canada & US legal states add "where you live"]? 1= Yes – it is about right 2= No – it is too low 3= No – it is too high -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.THCKNOWLEDGE=1
CANNABIS USE - EDIBLES **[EDIBLE.DOSECORRECT]**	What do you think the serving size of edible products should be [**PROGRAMMER**: In Canada & US legal states, add "where you live"]? Enter number: _____ mg THC [PROGRAMMER: range: 1-1000 mg] Allow decimal places. -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.DOSERIGHT=2 OR 3
CANNABIS SOURCE - EDIBLES **[EDIBLE.SOURCE1]**	In the **past 12 months**, how did you get the **edible(s)** you ate?

Source: Modified Health Canada Survey Draft	SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4=Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4
CANNABIS SOURCE - EDIBLES [EDIBLE.SOURCE2] *Source: Modified Health Canada Survey Draft*	What percent (%) of **edibles** that you ate in the past 12 months did you get from each source: [Insert sources selected from EDIBLE.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer UNIVERSE: EDIBLE.SOURCE1= MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE - LEGALITY [EDIBLE.SOURCE.LEGAL]	Overall, about what percentage (%) of the **marijuana edible products** that you **used in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4
CANNABIS SOURCE - EDIBLES [EDIBLE.PURCHASE] *Source: Modified Health Canada Survey Draft*	In the past 12 months, did you **buy or pay** for any of the **edibles** you ate? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF EDIBLES FROM USE.MODES=4
LAST PURCHASE – EDIBLES [EDIBLE.WHERE]	**The last time** you bought an **edible**, where did you buy it? 1= From a family member or friend

	2= From a dealer (in person)
	3= Internet delivery service or mail order (delivered to me)
	4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic)
	5= Other (please specify without providing any identifiable information):_____
	-77= Don't know
	-88= Refuse to answer
	UNIVERSE: EDIBLE.PURCHASE=1
LAST PURCHASE –EDIBLE [EDIBLE.WEB]	Ok. What type of **internet or delivery service** did you buy the edible from? Remember, we're asking about the **last time** you bought it. 1= An authorized/legal website 2= An unauthorized/illegal website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.WHERE=3 (INTERNET)
LAST PURCHASE –EDIBLE [EDIBLE.STORE]	Ok. What type of **PHYSICAL store or dispensary** did you buy the edible from? Remember, we're asking about the **last time** you bought it. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.WHERE=4 (STORE)
CANNABIS USE – EDIBLES [EDIBLE.LASTPURCH.TYPE]	The **last time** you bought an **edible marijuana product**, what type was it? 1= Gummy or jelly candies (e.g., gummy bears, sour or soft candy) 2= Other candies (e.g., lollipop, hard candy, licorice, caramel, toffee) 3= Cookie(s) 4= Chocolate(s) (e.g., chocolate/candy bar, truffle, peanut butter cups) 5= Brownie(s) 6= Other baked good(s) (e.g., muffin, cake, rice krispie treat)

	7= Mints or gum 8= Salty or savoury snack(s) (e.g., chocolate-covered pretzels or nuts, crackers) 9= Dried fruit 10= Granola/cereal bar(s), protein bar(s) or energy bite(s) 11= Butter or oil (e.g., cannabutter, coconut oil) 12= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.PURCHASE=1
LAST PURCHASE – EDIBLES [EDIBLE.LASTPURCH] *Source: New*	**PROGRAMMER:** DERIVE TYPE OF EDIBLE FROM EDIBLE.LASTPURCH.TYPE. (DON'T NEED TO INCLUDE THE WORD "OTHER" OR EXAMPLES IN BRACKETS). IF EDIBLE.LASTPURCH.TYPE=-77 OR -88, insert 'an edible marijuana product'. IF EDIBLE.LASTPURCH.TYPE='OTHER', USE THEIR TEXT ENTRY. **The last time** you bought [INSERT EDIBLE TYPE**]**, **how many** [**PROGRAMMER**: if 'dried fruit' chosen, add 'pieces'] **did you buy?** (Some products are sold individually, and others have several pieces per package.) ENTER NUMBER: _____ [**PROGRAMMER**: allow whole numbers >0] -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.PURCHASE=1 EXCEPT EDIBLE.LASTPURCH.TYPE=11
EDIBLE.LASTPURCH.BUTTER	[PROGRAMMER: MAKE IT MANDATORY TO SELECT A UNIT. ALLOW 2 DECIMAL PLACES.] **The last time** you bought cannabis butter or oil (e.g., cannabutter, coconut oil**),** how much **did you buy?** ENTER AMOUNT: _____ [Dropdown list of units: oz, mL, L] -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.LASTPURCH.TYPE=11
LAST PURCHASE – EDIBLES [EDIBLE.SPENTLAST] *Source: New*	**How much** did you spend the **last time** you bought [INSERT EDIBLE TYPE]? ENTER DOLLAR AMOUNT: $_____ -77= Don't know

	-88= Refuse to answer UNIVERSE: EDIBLE.PURCHASE=1
LAST PURCHASE – EDIBLE – CONFIRMATION **[EDIBLE.SPENTLAST.CONF]**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT NUMBER FROM EDIBLE.LASTPURCH OR EDIBLE.LASTPURCH.BUTTER. INSERT EDIBLE.TYPE FROM EDIBLE.LASTPURCHTYPE.** You told us that you paid [**$X**] to purchase **[insert amount for butter oil/insert number** [INSERT EDIBLE TYPE] for all other types]. Is that correct? 1= Yes 2= No – I want to correct the amount I bought **[REDIRECT TO EDIBLE.LASTPURCH2]** 3= No— I want to correct the amount I paid **[REDIRECT TO EDIBLE.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED EDIBLE.SPENTLAST
LAST PURCHASE – EDIBLE – TAX **[EDIBLE.SPENTLAST.TAX]**	Did the $[insert final corrected value from EDIBLE.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: EDIBLE.WHERE=3 or 4 (internet or store) and entered $ value for EDIBLE.SPENTLAST
LAST PURCHASE – EDIBLE – SHIPPING [**EDIBLE.SPENTLAST.SHIP**]	Did the $[insert final corrected value from EDIBLE.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.WHERE=3 (Internet) and entered $ value for EDIBLE.SPENTLAST
MONEY SPENT- EDIBLES **[MONEY.EDIBLE.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** edibles **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer

	UNIVERSE: EDIBLE.PURCHASE=1
MONEY SPENT – EDIBLES - CONFIRMATION **MONEY.EDIBLE.ALL.CONF** NEW 2022	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.EDIBLE.ALL.** You told us that you spent [**$X**] on all edibles in the past 12 months. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.EDIBLE.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.EDIBLE.ALL
[EDIBLE.IMAGE1]	PROGRAMMERS: AMONG SAMPLE SPECIFIED IN THE UNIVERSE, SELECT FIRST 100 RESPONDENTS FROM CANADA AND FIRST 100 RESPONDENTS FROM US LEGAL STATES TO SEE THIS QUESTION. DO NOT SELECT THOSE WHO SAW HERB.IMAGE1. We'd like to understand the products people are using. Would you be willing to take a **picture of the edible that you consumed last** and upload it to the survey? It's quick and easy to do. 1= Yes - I can take a picture of the package 2= No UNIVERSE: MODE.FREQ.EDIBLE=4 AND AGE AT LEAST 21 AND PURCHASED EDIBLES LEGALLY AT LAST PURCHASE (EDIBLE.WEB=1 OR EDIBLE.STORE=1 or 2) AND NOT RANDOMIZED TO SEE HERB.IMAGE1
[EDIBLE.IMAGE.UPLOAD]	Thanks! Please take a picture of the package of edible(s). Try to take the picture so you can see the brand name and any product information. [image upload] [checkbox] I don't want to or am unable to take a picture Optional: You can upload a second picture if needed. [image upload] Is there anything you think we should know about this picture? For example, if the brand name is not visible. Response: _____ UNIVERSE: EDIBLE.IMAGE1=1

[EDIBLE.IMAGE2]	For the picture you uploaded… Is this the edible(s) you consumed LAST? 1=Yes 2=No -77=Don't know -88=Refuse to answer Does the picture you uploaded show the amount of THC? 1=Yes 2=No -77=Don't know -88=Refuse to answer UNIVERSE: EDIBLE.IMAGE1=1 AND UPLOADED AN EDIBLE IMAGE
[EDIBLE.IMAGE4]	[PROGRAMMER: ALLOW RESPONDENTS TO ENTER ONE FIELD] What is the THC level shown on the package? _____mg THC per PACKAGE OR _____mg THC per UNIT (if there is more than 1 edible in the package) 3=the THC level is not shown on the package -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.IMAGE3=2
CANNABIS USE – DRINKS [DRINK.INTRO]	PROGRAMMER NOTE: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=5=PAST 12-MONTHUSE** We now want to ask you about **marijuana drinks (e.g., cola, tea, coffee).**
CANNABIS USE – DRINK FREQUENCY [MODE.FREQ.DRINK]	In the **past 12 months**, how often did you have **marijuana drinks (e.g., cola, tea, coffee)?**

	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES5
CANNABIS USE – DRINK FREQUENCY QUANTIFIED **[DRINK.FREQ]** *Source: modified NSDUH*	[**PROGRAMMER NOTE**: please display the options below based on MODE.FREQ.DRINK] **If MODE.FREQ.DRINK=4** On average, how many **times per day** do you use <u>**marijuana drinks (e.g., cola, tea, coffee)**</u>: _____[**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.DRINK=3** On average, how many **days per week** do you use <u>**marijuana drinks (e.g., cola, tea, coffee)**</u>: _____[**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.DRINK=2** On average, how many **days per month** do you use <u>**marijuana drinks (e.g., cola, tea, coffee)**</u>: _____[**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.DRINK=1** Approximately **how many days over the past 12 months** did you use <u>**marijuana drinks (e.g., cola, tea, coffee)**</u>: _____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES5
CANNABIS USE – DRINK FREQUENCY CONFIRMATION **[DRINK.FREQ.CONF]**	**PROGRAMMER**: DERIVE NUMBER FROM DRINK.FREQ. You told us you use (past 12 months: 'used') marijuana drinks (e.g., cola, tea, coffee) (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.DRINK=4 **'times per day'**; if MODE.FREQ.DRINK=3 **'days per week'**; if MODE.FREQ.DRINK=2 **'days per month'**; if MODE.FREQ.DRINK=1 **'days in the past 12 months'**). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED DRINK.FREQ
CANNABIS USE – DRINKS	The <u>**last time**</u> you had a <u>**marijuana drink**</u>, what type was it?

[DRINK.TYPE]	
	1= Soft drink or pop (e.g., cola) 2= Other sparkling drink (e.g., sparkling water, tonic water) 3= Coffee (hot or iced) 4= Tea (hot or iced) 5= Milk or hot chocolate 6= Juice, fruit punch or lemonade 7= Energy drinks or 'elixir' 8= Liquid cannabis 'shot' 9= <u>Non</u>-alcoholic beer or wine 10= Alcoholic drink (e.g., beer, wine, cocktail) 11= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES5
CANNABIS USE – DRINKS **[DRINKS.AMOUNT]** *Source: New*	Think about the <u>**LAST DAY**</u> you had a **marijuana drink (e.g., cola, tea, coffee)**. **How many marijuana drinks** did you have over the **entire day?**

	[Check boxes: 0, Less than 1, 1, Enter number greater than 1:_____] drinks -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES5
CANNABIS USE – DRINKS – AMOUNT CONFIRMATION **[DRINK.AMOUNT.CONF]**	**PROGRAMMER: DERIVE NUMBER OF DRINKS FROM PREVIOUS QUESTION. DERIVE TIMERAME FROM MODE.FREQUENCY** You told us that you had [**NUMBER**] **marijuana drinks**. Is that your **usual amount** on days you have marijuana drinks? 1= Yes 2= No – I want to correct my answer 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO TO DRINKS.AMOUNT.REDO. UNIVERSE: THOSE WHO ANSWERED DRINKS.AMOUNT
CANNABIS USE – LIQUIDDROP **[DRINK.AMOUNT.REDO]**	Ok. Think of the **average** amount you use on days you have **marijuana drinks.** How many **drinks** do you **usually** have over the **entire day**?

	[Check boxes: 0, Less than 1, 1, Enter number greater than 1:_____] drinks -77= Don't know -88= Refuse to answer **UNIVERSE**: DRINKS.AMOUNT.CONF=2
[DRINK.AMOUNT.YEAR] NEW 2022	**Programmer:** Add drop down menu for response options How many **marijuana drinks** did you have in the **past 12 months**? 1= Less than 1 drink 2= 1 drink 3= 2 drinks 4= 3 drinks 5= 4 drinks 6= 5 drinks 7= 6 drinks 8= 7 drinks 9= 8 drinks 10= 9 drinks 11= 10 drinks 12= 11 drinks 13= 12 drinks 14= 13 drinks 15= 14 drinks 16= 15 drinks 17= 16 drinks 18= 17 drinks 19= 18 drinks 20= 19 drinks 21= 20 drinks 22= More than 20 drinks -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES=5
CANNABIS USE – LIQUIDDROP MORE THAN 20 **DRINK.MORETHAN** NEW 2022	How many **marijuana drinks** did you have in the **past 12 months**? ENTER NUMBER OF DRINKS:_____ -77= Don't know

	-88= Refuse to answer UNIVERSE: DRINK.AMOUNT.YEAR=22
THC RATIO – DRINKS **[DRINKS.THCRATIO]** *Source: New*	**PROGRAMMER**: INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST <u>OR</u> REFUSE Think of the <u>**last time**</u> you had a **marijuana drink**. Which of the following best describes the THC level? 1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES5
THC – DRINKS THC KNOWLEDGE **[DRINKS.THC1]**	Do you know the **amount of THC or CBD** in the **marijuana drink** you **had last**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: USE.MODES=5
THC – DRINKS THC LEVEL **[DRINKS.THC2]**	What were the <u>THC and CBD levels</u> in the **marijuana drink** you had last? Enter number: _____mg THC [**PROGRAMMER:** RANGE=0-1000 mg] or Don't Know Enter number: _____mg CBD [**PROGRAMMER:** RANGE=0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: DRINKS.THC1=1 (yes)

THC – DRINKS THC LEVEL – CONFIRMATION **[DRINKS.THC2.CONF]**	PROGRAMMER: DERIVE PERCENTAGE FROM DRINKS.THC2. You told us the last marijuana drink you used had **[X] mg THC and [X] mg CBD**. Are those the **THC and/or CBD levels** of the marijuana drinks you **usually** have? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO to DRINKS.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO DRINKS.THC2 (NOT INCLUDING -77 & -88)
THC – DRINKS THC LEVEL **[DRINKS.THC2.REDO]**	What are the **THC and/or CBD levels** of the marijuana drinks you **usually** have? Enter number: _____ mg THC [**PROGRAMMER:** RANGE=0-1000 mg] or Don't Know Enter number: _____ mg CBD [**PROGRAMMER:** RANGE=0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: DRINKS.THC2.CONF=2
CANNABIS USE – DRINKS **[DRINKS.HIGH]** ***SOURCE****: adapted from Hunault et al. 2014*	The **last time** you had **a marijuana drink,** how high did you feel? 1= Not at all high 2= A little high 3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES=5
CANNABIS USE – DRINKS **[DRINKS.HIGH2]** ***Source:*** *new*	Which best describes your experience after having the marijuana drink? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO DRINKS.HIGH] 1= Much <u>less</u> high than I wanted 2= A little <u>less</u> high than I wanted

	3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES=5
CANNABIS SOURCE – DRINKS [DRINKS.SOURCE1] *Source: Modified Health Canada Survey Draft*	In the **past 12 months**, how did you get the **marijuana drinks** you consumed? SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES=5
CANNABIS SOURCE - DRINKS [DRINKS.SOURCE2] *Source: Modified Health Canada Survey Draft*	What percent (%) of **marijuana drinks** that you drank in the past 12 months did you get from each source: **PROGRAMMER NOTE:** [Insert sources selected from DRINKS.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer UNIVERSE: DRINKS.SOURCE1= MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE - LEGALITY [DRINKS.SOURCE.LEGAL]	Overall, about what percentage (%) of the **marijuana drinks** that you **used in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [**PROGRAMMER**: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES=5

CANNABIS SOURCE - DRINKS [DRINKS.PURCHASE] *Source: Modified Health Canada Survey Draft*	In the past 12 months, did you **buy or pay** for any of the **marijuana drinks** you consumed? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF DRINKS FROM USE.MODES=5
LAST PURCHASE – LIQUID [DRINKS.WHERE]	**The last time** you bought a **marijuana drink**, where did you buy it? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order (delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: DRINKS.PURCHASE=1
LAST PURCHASE –DRINKS [DRINKS.WEB]	Ok. What type of **internet or delivery service** did you buy the drink from? Remember, we're asking about the **last time** you bought it. 1= An authorized/legal website 2= An unauthorized/illegal website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: DRINKS.WHERE=3 (INTERNET)
LAST PURCHASE –DRINKS [DRINKS.STORE]	Ok. What type of **PHYSICAL store or dispensary** did you buy the drink from? Remember, we're asking about the **last time** you bought it. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know

	-88= Refuse to answer UNIVERSE: DRINKS.WHERE=4 (STORE)
LAST PURCHASE - DRINKS **[DRINKS.LASTPURCH]** *Source: New*	**The last time** you bought **marijuana drinks**, how many did you buy? 1 marijuana drink [List: 0, 1, Enter number greater than 1:_____] drinks -77= Don't know -88= Refuse to answer DRINKS.PURCHASE=1
LAST PURCHASE - DRINKS **[DRINKS.SPENTLAST]** *Source: New*	**How much** did you spend the **last time** you bought **marijuana drinks**? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: EDIBLE.PURCHASE=1
LAST PURCHASE – DRINKS - **CONFIRMATION** **[DRINKS.SPENTLAST.CONF]**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT NUMBER FROM DRINKS.LASTPURCH.** You told us that you paid [**$X**] to purchase **[insert number]** marijuana drink(s). Is that correct?

	1= Yes 2= No – I want to correct the number I bought **[REDIRECT TO DRINKS.LASTPURCH]** 3= No – I want to correct the amount I paid **[REDIRECT TO DRINKS.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED DRINKS.SPENTLAST
LAST PURCHASE – DRINKS – TAX **[DRINKS.SPENTLAST.TAX]**	Did the $[insert final corrected value from DRINKS.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: DRINKS.WHERE=3 or 4 (internet or store) and entered $ value for DRINKS.SPENTLAST
LAST PURCHASE – DRINKS – SHIPPING [**DRINKS.SPENTLAST.SHIP**]	Did the $[insert final corrected value from DRINKS.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know -88= Refuse to answer UNIVERSE: DRINKS.WHERE=3 (Internet) and entered $ value for DRINKS.SPENTLAST
MONEY SPENT- DRINKS **[MONEY.DRINK.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** marijuana drinks **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: DRINK.PURCHASE=1
MONEY SPENT – DRINKS - CONFIRMATION **MONEY.DRINK.ALL.CONF** NEW 2022	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.DRINK.ALL.** You told us that you spent [**$X**] on all marijuana drinks in the past 12 months. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.DRINK.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE".

	UNIVERSE: THOSE WHO ANSWERED MONEY.DRINK.ALL
CANNABIS USE – CONCENTRATES [CONCEN.INTRO]	PROGRAMMER NOTE: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=6=PAST 12-MONTHUSE** We now want to ask you about **concentrates (e.g., wax, shatter, budder, etc.).**
CANNABIS USE – CONCENTRATE FREQUENCY [MODE.FREQ.CONCEN]	In the **past 12 months**, how often did you use **concentrate (e.g., wax, shatter, budder, etc.)?** 1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
CANNABIS USE – CONCENTRATE FREQUENCY QUANTIFIED [CONCEN.FREQ] *Source: modified NSDUH*	[**PROGRAMMER NOTE**: please display the options below based on MODE.FREQ.CONCEN] **If MODE.FREQ.CONCEN=4** On average, how many **times per day** do you use **concentrate (e.g., wax, shatter, budder, etc.)**: _____ [**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.CONCEN=3** On average, how many **days per week** do you use **concentrate (e.g., wax, shatter, budder, etc.)**: _____ [**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.CONCEN=2** On average, how many **days per month** do you use **concentrate (e.g., wax, shatter, budder, etc.)**: _____ [**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.CONCEN=1** Approximately **how many days over the past 12 months** did you use **concentrate (e.g., wax, shatter, budder, etc.)**: _____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
CANNABIS USE – CONCENTRATE FREQUENCY CONFIRMATION [CONCEN.FREQ.CONF]	PROGRAMMER: DERIVE NUMBER FROM CONCEN.FREQ.

	You told us you use (past 12 months: 'used') concentrate (e.g., wax, shatter, budder) (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.CONCEN=4 **'times per day'**; if MODE.FREQ.CONCEN=3 **'days per week'**; if MODE.FREQ.CONCEN=2 **'days per month'**; if MODE.FREQ.CONCEN=1 **'days in the past 12 months'**). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED CONCEN.FREQ
CANNABIS USE - CONCENTRATE [CONCEN.AMOUNT]	**PROGRAMMER:** make it mandatory to select a unit and record unit selection. Think about the **LAST DAY** you used **concentrate (e.g., wax, shatter, budder, etc.).** (Do not include tinctures.) **How much concentrate** did you use over the **entire day?** 1.0 g Shatter Wax Crumble Budder ENTER NUMBER: _____ [drop-down list with 2 unit options: gram(s) or dab(s)/hit(s)] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
CANNABIS USE - CONCENTRATE – AMOUNT CONFIRMATION [CONCEN.AMOUNT.CONF]	**PROGRAMMER: DERIVE AMOUNT & UNIT FROM PREVIOUS QUESTION. DERIVE TIMERAME FROM MODE.FREQUENCY** You told us that you used [**AMOUNT INCLUDING UNITS**] of **concentrate**. Is that **your usual amount** on days you use concentrate? 1= Yes

	2= No – I want to correct my answer 3= Not applicable – I don't use it regularly UNIVERSE: THOSE WHO ANSWERED CONCEN.AMOUNT
CANNABIS USE - CONCENTRATE **[CONCEN.AMOUNT.REDO]**	Ok. Think of the **average** amount you use on days you use **concentrate.** **How much** do you **usually** use over the **entire day**? ENTER NUMBER: _____ [drop-down list with 2 unit options: gram(s) or dab(s)/hit(s)] -77= Don't know -88= Refuse to answer UNIVERSE: CONCEN.AMOUNT.CONF=2
CANNABIS USE - CONCENTRATE **[CONCEN.TYPE]**	The **last time** you used concentrate, what **type** of **concentrate** did you use? (Do not include tinctures.) 1= Wax 2= Shatter 3= Budder 4= CO_2 oil 5= Butane honey oil 6= Hash oil 7= Crumble 8= Sap 9= Pull-and-snap 10= Resin 11= Rosin

	12= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
THC RATIO – CONCENTRATE **[CONCEN.THCRATIO]** *Source: New*	**PROGRAMMER**: INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST OR REFUSE **PROGRAMMER NOTE:** In parentheses, populate TYPE with type selected in CONCEN.TYPE. IF DK/R, use examples used previously (wax, shatter, budder). Think of the **last time** you used **concentrate (e.g., [TYPE])**. Which of the following best describes the THC level? 1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
THC – CONCENTRATE THC **KNOWLEDGE** **[CONCEN.THC1]**	**PROGRAMMER NOTE:** In parentheses, populate TYPE with type selected in CONCEN.TYPE. Do you know the **amount of THC or CBD** in the **concentrate (e.g., [TYPE])** you **used last**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
THC – CONCENTRATE – UNIT **[CONCEN.THC.UNIT]**	Would you like to report the THC and CBD levels in...?

	1= mg 2= % -77= Don't know -88= Refuse to answer UNIVERSE**:** CONCEN.THC1=1
THC – CONCEN THC LEVEL **[CONCEN.THC2]**	**PROGRAMMER NOTE:** In parentheses, populate TYPE with type selected in CONCEN.TYPE. What were the <u>THC and CBD levels</u> of the **concentrate (e.g., [TYPE])** you used last? Enter number:_____ **[mg or %]** THC [**PROGRAMMER:** Range 0-100% or 0-1000 mg] or Don't Know Enter number:_____ **[mg or %]** CBD [**PROGRAMMER:** Range 0-100% or 0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: CONCEN.THC1=1 (yes)
THC – CONCENTRATE THC LEVEL - **CONFIRMATION** **[CONCEN.THC2.CONF]**	PROGRAMMER: DERIVE PERCENTAGE FROM CONCEN.THC2. You told us the last concentrate you used had **[X] [mg or %] THC and [X] [mg or %] CBD**. Are those the **THC and/or CBD levels** you **usually use**? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use it regularly PROGRAMMER: IF THEY SELECT NO, GO to CONCEN.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO CONCEN.THC2 (NOT INCLUDING -77 & -88)
THC – CONCENTRATE THC LEVEL **[CONCEN.THC2.REDO]**	What are the **THC and/or CBD levels** of the **concentrate** you **usually use**? Enter number:_____ **[dropdown: mg or %]** THC [**PROGRAMMER:** Range 0-100% or 0-1000 mg] or Don't Know Enter number:_____ **[dropdown: mg or %]** THC [**PROGRAMMER:** Range 0-100% or 0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: CONCEN.THC2.CONF=2
CANNABIS USE – CONCENTRATE **[CONCEN.HIGH]** ***SOURCE****: adapted from Hunault et al. 2014*	The **last time** you used **concentrate,** how high did you feel? 1= Not at all high

	2= A little high 3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
CANNABIS USE - CONCENTRATE **[CONCEN.HIGH2]** *Source: new*	Which best describes your experience after using the concentrate? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO CONCEN.HIGH] 1= Much <u>less</u> high than I wanted 2= A little <u>less</u> high than I wanted 3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
CANNABIS SOURCE - CONCENTRATE **[CONCEN.SOURCE1]** *Source: Modified Health Canada Survey* *Draft*	**PROGRAMMER NOTE:** In parentheses, populate [TYPE] with type selected in CONCEN.TYPE. In the **past 12 months**, how did you get the <u>**concentrate**</u> (e.g., [**TYPE]**) you used? (Do <u>not</u> include tinctures.) SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
CANNABIS SOURCE - CONCENTRATE **[CONCEN.SOURCE2]**	**PROGRAMMER NOTE:** In parentheses, populate TYPE with type selected in CONCEN.TYPE. What percent (%) of <u>**concentrate (e.g., TYPE)**</u> that you used in the past 12 months did you get from each source:

Source: Modified Health Canada Survey Draft	[Insert sources selected from CONCEN.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer UNIVERSE: CONCEN.SOURCE1 = MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE - LEGALITY [CONCEN.SOURCE.LEGAL]	**PROGRAMMER NOTE:** In parentheses, populate TYPE with type(s) selected in CONCEN.TYPE. Overall, about what percentage (%) of the **concentrate (e.g., TYPE)** that you **used in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
CANNABIS SOURCE - CONCENTRATE [CONCEN.PURCHASE] *Source: Modified Health Canada Survey Draft*	In the past 12 months, did you **buy or pay** for any of the **concentrate** you used? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
LAST PURCHASE – CONCENTRATE [CONCEN.WHERE]	**PROGRAMMER NOTE:** In parentheses, populate TYPE with type(s) selected in CONCEN.TYPE. **The last time** you bought **concentrate (e.g., [TYPE])**, where did you buy it? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order (delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer

LAST PURCHASE –CONCENTRATE [CONCEN.WEB]	Ok. What type of **internet or delivery service** did you buy the concentrate from? Remember, we're asking about the **last time** you bought it. 1= An authorized/legal website 2= An unauthorized/illegal website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer
LAST PURCHASE –CONCENTRATE [CONCEN.STORE]	Ok. What type of **PHYSICAL store or dispensary** did you buy the concentrate from? Remember, we're asking about the **last time** you bought it. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer
LAST PURCHASE – CONCENTRATE [CONCEN.LASTPURCH]	PROGRAMMER NOTE: In parentheses, populate TYPE with type(s) selected in CONCEN.TYPE. PROGRAMMER NOTE: MAKE SURE UNIT IS RECORDED AND MAKE IT MANDATORY TO SELECT A UNIT. **The last time** you bought **concentrate**, how much did you buy?

	ENTER AMOUNT: _____ [drop-down list: gram(s)/oz/dab(s))] -77= Don't know -88= Refuse to answer UNIVERSE: CONCEN.PURCHASE=1
LAST PURCHASE- CONCENTRATE **[CONCEN.SPENTLAST]** *Source: New*	**PROGRAMMER NOTE:** In parentheses, populate TYPE with type(s) selected in CONCEN.TYPE. **How much** did you spend the **last time** you bought **concentrate (e.g., [TYPE])**? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: CONCEN.PURCHASE=1
LAST PURCHASE – CONCENTRATE - **CONFIRMATION** **[CONCEN.SPENTLAST.CONF]**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT AMOUNT FROM CONCEN.LASTPURCH.** You told us that you paid [**$X**] to purchase **[insert amount including units]** of concentrate. Is that correct? 1= Yes 2= No – I want to correct the amount I bought **[REDIRECT TO CONCEN.LASTPURCH]** 3= No – I want to correct the amount I paid **[REDIRECT TO CONCEN.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPOPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED CONCEN.SPENTLAST
LAST PURCHASE – CONCENTRATE – **TAX** **[CONCEN.SPENTLAST.TAX]**	Did the $[insert final corrected value from CONCEN.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: CONCEN.WHERE=3 or 4 (internet or store) and entered $ value for CONCEN.SPENTLAST
LAST PURCHASE – CONCENTRATE – **SHIPPING** **[CONCEN.SPENTLAST.SHIP]**	Did the $[insert final corrected value from CONCEN.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost

	-77= Don't know -88= Refuse to answer UNIVERSE: CONCEN.WHERE=3 (Internet) and entered $ value for CONCEN.SPENTLAST
CANNABIS USE - CONCENTRATE **[PERCENT.CONCENTRATE]**	**PROGRAMMER NOTE:** In parentheses, populate TYPE with type(s) selected in CONCEN.TYPE. Of **all** the marijuana **concentrate** that you used in the **past 12 months**, what percent (%) did you….. 1= Smoke concentrate (including dabbing, hot knives, etc.):_____% 2= Vape concentrate:_____% 3= Other way of using concentrate_____% (please specify): _____ -77=Don't know -88=Refuse to answer [numeric field for each, up to 100%] UNIVERSE: PAST 12 MONTH USERS OF CONCENTRATES FROM USE.MODES6
MONEY SPENT- CONCENTRATES **[MONEY.CONCEN.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** concentrates **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: CONCEN.PURCHASE=1
MONEY SPENT – CONCENTRATES - **CONFIRMATION** **MONEY.CONCEN.ALL.CONF** NEW 2022	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.CONCEN.ALL.** You told us that you spent [**$X**] on all concentrates in the past 12 months. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.CONCEN.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.CONCEN.ALL
CANNABIS USE – HASH OR KIEF **[HASH.INTRO]**	**PROGRAMMER NOTE**: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=7=PAST 12-MONTHUSE** We now want to ask you about **hash or kief** (AUS: Resin (including hash))**.**
CANNABIS USE – HASH FREQUENCY **[MODE.FREQ.HASH]**	In the **past 12 months**, how often did you use **hash or kief** (AUS: Resin (including hash))**?**

	1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
CANNABIS USE – HASH FREQUENCY QUANTIFIED **[HASH.FREQ]** *Source: modified NSDUH*	[**PROGRAMMER NOTE**: please display the options below based on MODE.FREQ.HASH] **If MODE.FREQ.HASH=4** On average, how many **times per day** do you use <u>hash or kief </u>(AUS: Resin (including hash)): _____[**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.HASH=3** On average, how many **days per week** do you use <u>hash or kief </u>(AUS: Resin (including hash)): _____[**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.HASH=2** On average, how many **days per month** do you use<u> hash or kief </u>(AUS: Resin (including hash))<u>: </u>_____[**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.HASH=1** Approximately **how many days over the past 12 months** did you use <u>hash or kief</u>: _____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
CANNABIS USE – HASH FREQUENCY CONFIRMATION **[HASH.FREQ.CONF]**	**PROGRAMMER**: DERIVE NUMBER FROM HASH.FREQ. You told us you use (past 12 months: 'used') hash or kief (AUS: Resin (including hash)) (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.HASH=4 **'times per day**'; if MODE.FREQ.HASH=3 '**days per week**'; if MODE.FREQ.HASH=2 '**days per month**'; if MODE.FREQ.HASH=1 '**days in the past 12 months**'). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED HASH.FREQ

CANNABIS USE - HASH **[HASH.AMOUNT]**	**PROGRAMMER NOTE:** MAKE SURE UNIT IS RECORDED AND MAKE IT MANDATORY TO SELECT A UNIT. Think about the **LAST DAY** you used **hash or kief** (AUS: Resin (including hash)). **How much hash or kief** (AUS: Resin (including hash)) did you use over the **entire day**? 1.0 g ENTER NUMBER:_____ [drop-down list with 2 options: gram(s) or hit(s)/toke(s)] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
CANNABIS USE - HASH – AMOUNT CONFIRMATION **[HASH.AMOUNT.CONF]**	**PROGRAMMER: DERIVE AMOUNT & UNIT FROM PREVIOUS QUESTION. DERIVE TIMERAME FROM MODE.FREQUENCY** You told us that you used [**AMOUNT INCLUDING UNITS**] of **hash or kief** (AUS: Resin (including hash)). Is that your **usual amount** on days you use hash or kief (AUS: Resin (including hash))? 1= Yes 2= No – I want to correct my answer 3= Not applicable – I don't use it regularly PROGRAMMER: IF THEY SELECT NO, GO TO HASH.AMOUNT.REDO. UNIVERSE: THOSE WHO ANSWERED HASH.AMOUNT
CANNABIS USE - HASH **[HASH.AMOUNT.REDO]**	Ok. Think of the **average** amount you use on days you use **hash or kief** (AUS: Resin (including hash)). **How much** do you **usually** use over the **entire day**?

1.0 g

ENTER NUMBER:_____ [drop-down list with 2 options: gram(s) or hit(s)/toke(s)]

-77= Don't know
-88= Refuse to answer

UNIVERSE: HASH.AMOUNT.CONF=2

CANNABIS USE - HASH **[HASH.GRAMS.YEAR]** NEW 2022	How many **grams** of **hash or kief (**AUS: Resin (including hash))_did you use in the **past 12 months**? ENTER NUMBER:_____ [drop-down list with 2 options: gram(s) or hit(s)/toke(s)] UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES=7
THC RATIO – HASH **[HASH.THCRATIO]** *Source: New*	PROGRAMMER: INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST <u>OR</u> REFUSE Think of the **last time** you used **hash or kief** (AUS: Resin (including hash)). Which of the following best describes the THC level? 1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know

	UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
THC – HASH THC KNOWLEDGE **[HASH.THC1]**	Do you know the **amount of THC or CBD** of the **hash or kief** (AUS: Resin (including hash)) you **used last**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
THC – HASH THC LEVEL **[HASH.THC2]**	What were the THC and CBD levels of the **hash or kief** (AUS: Resin (including hash)) you used last? Enter number: _____% THC [**Programmer**: range=0-100%] or Don't Know Enter number: _____% CBD [**Programmer**: range=0-100%] or Don't Know -88= Refuse to answer UNIVERSE: HASH.THC1=1 (yes)
THC – HASH THC LEVEL - **CONFIRMATION** **[HASH.THC2.CONF]**	PROGRAMMER: DERIVE PERCENTAGE FROM HASH.THC2. You told us the last hash or kief you used had **[X]% THC and [X]% CBD**. Are those the **THC and/or CBD levels** of the hash or kief you **usually use**? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use it regularly PROGRAMMER: IF THEY SELECT NO, GO to HASH.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO HASH.THC2 (NOT INCLUDING -77 & -88)
THC – HASH THC LEVEL **[HASH.THC2.REDO]**	What are the **THC and/or CBD levels** of the **hash or kief** (AUS: Resin (including hash)) you **usually use**? Enter number: _____% THC [**Programmer**: range=0-100%] or Don't Know Enter number: _____% CBD [**Programmer**: range=0-100%] or Don't Know -88= Refuse to answer UNIVERSE: HASH.THC2.CONF=2

CANNABIS USE – HASH **[HASH.HIGH]** **SOURCE**: *adapted from Hunault et al. 2014*	The <u>last time</u> you used <u>**hash or kief**</u> (AUS: Resin (including hash))**,** how high did you feel? 1= Not at all high 2= A little high 3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
CANNABIS USE - HASH **[HASH.HIGH2]** *Source: new*	Which best describes your experience after using the hash or kief (AUS: Resin (including hash))? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO HASH.HIGH] 1= Much <u>less</u> high than I wanted 2= A little <u>less</u> high than I wanted 3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
CANNABIS SOURCE - HASH **[HASH.SOURCE1]** *Source: Modified Health Canada Survey Draft*	In the **past 12 months**, how did you get the <u>**hash or kief**</u> (AUS: Resin (including hash)) you used? SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7

CANNABIS SOURCE - HASH **[HASH.SOURCE2]** *Source: Modified Health Canada Survey Draft*	What percent (%) of **hash or kief** (AUS: Resin (including hash)) that you used in the past 12 months did you get from each source: [Insert sources selected from HASH.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer UNIVERSE: HASH.SOURCE1= MORE THAN 1 OPTION SELECTED
HASH.SOURCE.LEGAL	Overall, about what percentage (%) of the hash or kief (AUS: Resin (including hash)) that you used in the past 12 months came from LEGAL/AUTHORIZED sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
CANNABIS SOURCE - HASH **[HASH.PURCHASE]** *Source: Modified Health Canada Survey Draft*	In the past 12 months, did you **buy or pay** for any of the **hash or kief** (AUS: Resin (including hash)) you used? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF HASH FROM USE.MODES7
LAST PURCHASE – HASH **[HASH.WHERE]**	**The last time** you bought **hash or kief** (AUS: Resin (including hash)), where did you buy it? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order (delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: HASH.PURCHASE=1
LAST PURCHASE –HASH **[HASH.WEB]**	Ok. What type of **internet or delivery service** did you buy the hash or kief (AUS: Resin (including hash)) from? Remember, we're asking about the **last time** you bought it.

	1= An <u>authorized/legal</u> website 2= An <u>unauthorized/illegal</u> website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: HASH.WHERE=3 (INTERNET)
LAST PURCHASE –HASH **[HASH.STORE]**	Ok. What type of **PHYSICAL store or dispensary** did you buy the hash or kief (AUS: Resin (including hash)) from? Remember, we're asking about the **last time** you bought it. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: HASH.WHERE=4 (STORE)
LAST PURCHASE - HASH **[HASH.LASTPURCH]**	PROGRAMMER: MAKE IT MANDATORY TO SELECT A UNIT & RECORD UNIT CHOICE. **The last time** you bought **hash or kief** (AUS: Resin (including hash)), how much did you buy? 1.0 g ENTER AMOUNT: _____ [drop-down list: gram(s)/oz)] -77= Don't know -88= Refuse to answer UNIVERSE: HASH.PURCHASE=1

LAST PURCHASE - HASH **[HASH.SPENTLAST]** *Source: New*	**How much** did you spend the **last time** you bought **hash or kief** (AUS: Resin (including hash))? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: HASH.PURCHASE=1
LAST PURCHASE – HASH - **CONFIRMATION** **[HASH.SPENTLAST.CONF]**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT AMOUNT FROM HASH.LASTPURCH.** You told us that you paid [**$X**] to purchase **[insert amount, including units**] of hash or kief (AUS: Resin (including hash)). Is that correct? 1= Yes 2= No – I want to correct the amount I bought **[REDIRECT TO HASH.LASTPURCH]** 3= No – I want to correct the amount I paid **[REDIRECT TO HASH.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED HASH.SPENTLAST
LAST PURCHASE – HASH – TAX **[HASH.SPENTLAST.TAX]**	Did the $[insert final corrected value from HASH.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: HASH.WHERE=3 or 4 (internet or store) and entered $ value for HASH.SPENTLAST
LAST PURCHASE – HASH – SHIPPING [**HASH.SPENTLAST.SHIP]**	Did the $[insert final corrected value from HASH.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know -88= Refuse to answer UNIVERSE: HASH.WHERE=3 (Internet) and entered $ value for HASH.SPENTLAST
MIXING HASH WITH TOBACCO **[HASH.TOBACCO]**	Of all the **hash or kief** (AUS: Resin (including hash)) that you used in the **past 12 months**, what percent (%) did you…

	1= Smoke hash or kief (AUS: Resin (including hash)) without tobacco ____% 2= Smoke hash or kief (AUS: Resin (including hash)) with tobacco___% 3= Other way of using hash or kief (AUS: Resin (including hash)) (please specify): _____% -77=Don't know -88=Refuse to answer [numeric field for each, Must add up to 100%] UNIVERSE: PAST 12 MONTH USERS OF HASH HERB FROM USE.MODES7
MONEY SPENT- HASH **[MONEY.HASH.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** hash or kief (AUS: Resin (including hash)) **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: HASH.PURCHASE=1
MONEY SPENT – HASH - CONFIRMATION **MONEY.HASH.ALL.CONF** NEW 2022	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.HASH.ALL.** You told us that you spent [**$X**] on all hash or kief (AUS: Resin (including hash)) in the past 12 months. Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.HASH.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.HASH.ALL
CANNABIS USE – TINCTURES [TINCT.INTRO]	**PROGRAMMER NOTE**: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=8=PAST 12-MONTHUSE** We now want to ask you about **tinctures (e.g., concentrated amounts ingested orally or taken under the tongue).**
CANNABIS USE – TINCTURES FREQUENCY **[MODE.FREQ.TINCT]**	In the **past 12 months**, how often did you use **tinctures (e.g., concentrated amounts ingested orally or taken under the tongue)?** 1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer

	UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES8
CANNABIS USE – TINCTURES FREQUENCY QUANTIFIED **[TINCT.FREQ]** *Source: modified NSDUH*	[**PROGRAMMER NOTE: please display the options below based on MODE.FREQ.TINCT**] **If MODE.FREQ.TINCT=4** On average, how many **times per day** do you use <u>tinctures</u>: _____[**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.TINCT=3** On average, how many **days per week** do you use <u>tinctures</u>: _____[**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.TINCT=2** On average, how many **days per month** do you use <u>tinctures</u> _____[**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.TINCT=1** Approximately **how many days over the past 12 months** did you use <u>tinctures</u>: _____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES8
CANNABIS USE – TINCTURES FREQUENCY CONFIRMATION **[TINCT.FREQ.CONF]**	**PROGRAMMER**: DERIVE NUMBER FROM TINCT.FREQ. You told us you use (past 12 months: 'used') tinctures (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.TINCT=4 **'times per day'**; if MODE.FREQ.TINCT=3 **'days per week'**; if MODE.FREQ.TINCT=2 **'days per month'**; if MODE.FREQ.TINCT=1 **'days in the past 12 months'**). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED TINCT.FREQ
CANNABIS USE - TINCTURES [TINCT.AMOUNT] *Source: New*	**PROGRAMMER NOTE**: MAKE IT MANDATORY TO SELECT A UNIT AND RECORD UNIT CHOICE. Think about the **<u>LAST DAY</u>** you used <u>**tinctures.**</u> **<u>How much</u>** did you use over the **<u>entire day</u>**?

1 mL
0.75 mL
0.5 mL
0.25 mL
0.05 mL
0.025 mL

30 mL/1 oz

1 mL/0.03 oz

ENTER NUMBER: _____ [drop-down list: mL/oz/drop(s)]

-77= Don't know
-88= Refuse to answer

UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES=8

CANNABIS USE - TINCTURES – AMOUNT CONFIRMATION [TINCT.AMOUNT.CONF]	PROGRAMMER: DERIVE AMOUNT & UNIT FROM PREVIOUS QUESTION. DERIVE TIMERAME FROM MODE.FREQUENCY You told us that you used [**AMOUNT INCLUDING UNITS**] of <u>tinctures</u>. Is that your <u>**usual amount**</u> on days you use tinctures? 1= Yes 2= No – I want to correct my answer 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO TO TINCT.AMOUNT.REDO. UNIVERSE: THOSE WHO ANSWERED TINCT.AMOUNT
CANNABIS USE - TINCTURES [TINCT.AMOUNT.REDO]	

Ok. Think of the **average** amount you use on days you use **tinctures.**

How much tincture do you **usually** use over the **entire day**?

30 mL/1 oz

1 mL/0.03 oz

ENTER NUMBER: _____ [drop-down list: mL/oz/drop(s)]

-77= Don't know
-88= Refuse to answer

UNIVERSE: TINCT.AMOUNT.CONF=2

| THC RATIO – TINCTURES [TINCT.THCRATIO]

Source: New | **PROGRAMMER**: INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST OR REFUSE

Think of the **last time** you used a **tincture**.

Which of the following best describes the THC level?

1a=No THC |

	2a=Low THC 3a=Medium THC 4a=High THC 5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES=8
THC – TINCTURES THC KNOWLEDGE [TINCT.THC1]	Do you know the **amount of THC or CBD** in the **tincture** you **used last**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES=8
THC – TINCTURES – UNIT [TINCT.THC.UNIT]	Would you like to report the THC and CBD levels in…? 1= mg per mL 2= % -77= Don't know -88= Refuse to answer UNIVERSE: TINCT.THC1=1
THC – TINCTURES THC LEVEL [TINCT.THC2]	What were the **THC and CBD levels** of the **tincture** you **used last?** Enter number: _____**[mg per mL or %]** THC [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know Enter number: _____**[mg per mL or %]** CBD [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: TINCT.THC1=1 (yes)

THC – TINCTURES THC LEVEL - CONFIRMATION **[TINCT.THC2.CONF]**	PROGRAMMER: DERIVE PERCENTAGE FROM TINCT.THC2. You told us the last tincture you used had **[X] [mg per mL or %] THC and [X] [mg per mL or %] CBD**. Are those the **THC and/or CBD levels** of the **tinctures** you **usually use**? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO to TINCT.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO TINCT.THC2 (NOT INCLUDING -77 & -88)
THC – TINCTURE THC LEVEL **[TINCT.THC2.REDO]**	What are the **THC and/or CBD levels** of the **tinctures** you **usually use**? Enter number: _____ **[dropdown list: mg per mL or %]** THC [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know Enter number: _____ **[dropdown list: mg per mL or %]** CBD [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: TINCT.THC2.CONF=2
CANNABIS USE – TINCTURE **[TINCT.HIGH]** **SOURCE**: *adapted from Hunault et al. 2014*	The **last time** you used **a tincture,** how high did you feel? 1= Not at all high 2= A little high 3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES=8
CANNABIS USE - TINCTURE **[TINCT.HIGH2]** **Source**: *new*	Which best describes your experience after using the tincture? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO TINCT.HIGH] 1= Much less high than I wanted 2= A little less high than I wanted

	3= About right 4= A little more high than I wanted 5= Much more high than I wanted -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES=8
CANNABIS SOURCE - TINCTURES [TINCT.SOURCE1] *Source: Modified Health Canada Survey Draft*	In the **past 12 months**, how did you get the **tinctures** you used? SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES=8
CANNABIS SOURCE - TINCTURES [TINCT.SOURCE2] *Source: Modified Health Canada Survey Draft*	What percent (%) of **tinctures** that you used in the past 12 months did you get from each source: [Insert sources selected from TINCT.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer UNIVERSE: TINCT.SOURCE1= MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE - LEGALITY [TINCT.SOURCE.LEGAL]	Overall, about what percentage (%) of the **tinctures** that you **used in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES=8
CANNABIS SOURCE - TINCTURES [TINCT.PURCHASE]	In the past 12 months, did you **buy or pay** for any of the **tinctures** you used?

Source: Modified Health Canada Survey Draft	1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TINCTURES FROM USE.MODES=8
LAST PURCHASE – TINCTURES [TINCT.WHERE]	**The last time** you bought a **tincture**, where did you buy it? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order (delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: TINCT.PURCHASE=1
LAST PURCHASE –TINCTURES [TINCT.WEB]	Ok. What type of **internet or delivery service** did you buy the tincture from? Remember, we're asking about the **last time** you bought it. 1= An authorized/legal website 2= An unauthorized/illegal website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: TINCT.WHERE=3 (INTERNET)
LAST PURCHASE –TINCTURES [TINCT.STORE]	Ok. What type of **PHYSICAL store or dispensary** did you buy the tincture from? Remember, we're asking about the **last time** you bought it. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic)] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: TINCT.WHERE=4 (STORE)

LAST PURCHASE – TINCTURES **[TINCT.LASTPURCH]** *Source: New*	**PROGRAMMER NOTE:** MAKE SURE UNIT IS RECORDED AND MAKE IT MANDATORY TO SELECT A UNIT. **The last time** you bought **tinctures**, how much did you buy? 30 mL/1 oz ENTER NUMBER: _____ [drop-down list: mL/oz**]** -77= Don't know -88= Refuse to answer UNIVERSE: TINCT.PURCHASE=1
LAST PURCHASE – TINCTURES **[TINCT.SPENTLAST]** *Source: New*	**How much** did you spend the **last time** you bought **tinctures**? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: TINCT.PURCHASE=1

LAST PURCHASE – TINCTURES – CONFIRMATION **[TINCT.SPENTLAST.CONF]**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT AMOUNT FROM TINCT.LASTPURCH.** You told us that you paid [**$X**] to purchase **[insert amount, including units]** of tinctures. Is that correct? 1= Yes 2= No – I want to correct the amount I bought **[REDIRECT TO TINCT.LASTPURCH]** 3= No – I want to correct the amount I paid **[REDIRECT TO TINCT.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED TINCT.SPENTLAST
LAST PURCHASE – TINCTURES – TAX **[TINCT.SPENTLAST.TAX]**	Did the $[insert final corrected value from TINCT.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: TINCT.WHERE=3 or 4 (internet or store) and entered $ value for TINCT.SPENTLAST
LAST PURCHASE – TINCTURES – SHIPPING **[TINCT.SPENTLAST.SHIP]**	Did the $[insert final corrected value from TINCT.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know -88= Refuse to answer UNIVERSE: TINCT.WHERE=3 (Internet) and entered $ value for TINCT.SPENTLAST
MONEY SPENT- TINCTURES **[MONEY.TINCT.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** tinctures **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: TINCT.PURCHASE=1
MONEY SPENT – TINCTURES - CONFIRMATION **MONEY.TINCT.ALL.CONF** NEW 2022	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.TINCT.ALL.** You told us that you spent [**$X**] on all tinctures in the past 12 months. Is that correct? 1= Yes

	2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.TINCT.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.TINCT.ALL
CANNABIS USE – TOPICALS [TOPICAL.INTRO]	**PROGRAMMER NOTE**: SHOW IF **MODE.FREQUENCY** INCLUDES **USE.MODES=9=PAST 12-MONTHUSE** We now want to ask you about **marijuana topical ointment (e.g., creams, lotions, balms, salves).**
CANNABIS USE – TOPICALS FREQUENCY [MODE.FREQ.TOPICAL]	In the **past 12 months**, how often did you use **marijuana topical ointment (e.g., creams, lotions, balms, salves)?** 1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
CANNABIS USE – TOPICALS FREQUENCY QUANTIFIED [TOPICAL.FREQ] *Source: modified NSDUH*	[**PROGRAMMER NOTE**: please display the options below based on MODE.FREQ.TOPICAL] **If MODE.FREQ.TOPICAL=4** On average, how many **times per day** do you use **marijuana topical ointment**: _____[**PROGRAMMER**: Range= 1-24] **If MODE.FREQ.TOPICAL=3** On average, how many **days per week** do you use **marijuana topical ointment**: _____[**PROGRAMMER**: Range= 1-7] **If MODE.FREQ.TOPICAL=2** On average, how many **days per month** do you use **marijuana topical ointment:**_____[**PROGRAMMER**: Range = 1- 31] **If MODE.FREQ.TOPICAL=1** Approximately **how many days over the past 12 months** did you use **marijuana topical ointment**: _____ [**PROGRAMMER**: Range= 1-365] UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9

CANNABIS USE – TOPICALS FREQUENCY CONFIRMATION [TOPICAL.FREQ.CONF]	**PROGRAMMER**: DERIVE NUMBER FROM TOPICAL.FREQ. You told us you use (past 12 months: 'used') marijuana topicals (past 12 months: 'on') [**NUMBER**] (if MODE.FREQ.TOPICAL=4 **'times per day'**; if MODE.FREQ.TOPICAL=3 **'days per week'**; if MODE.FREQ.TOPICAL=2 **'days per month'**; if MODE.FREQ.TOPICAL=1 **'days in the past 12 months'**). Is that correct? 1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO PREVIOUS QUESTION AND RE-ASK IT. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED TOPICAL.FREQ
CANNABIS USE- TOPICALS [TOPICAL.AMOUNT]	**PROGRAMMER NOTE:** MAKE SURE UNIT IS RECORDED AND MAKE IT MANDATORY TO SELECT A UNIT. Think about the **LAST DAY** you used a **marijuana topical.** **How much topical** did you use over the **entire day?** **Note: 1 'fingertip' unit is the distance from the tip of your index finger to the first crease of the finger.** ENTER AMOUNT:_____ fingertip unit(s) -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
CANNABIS USE – TOPICALS – AMOUNT CONFIRMATION [TOPICAL.AMOUNT.CONF]	**PROGRAMMER: DERIVE AMOUNT & UNIT FROM PREVIOUS QUESTION. DERIVE TIMERAME FROM MODE.FREQUENCY** You told us that you used [**AMOUNT INCLUDING UNITS**] of **topical**. Is that your **usual amount** on days you use topicals?

	1= Yes 2= No – I want to correct my answer 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO TO TOPICAL.AMOUNT.REDO. UNIVERSE: THOSE WHO ANSWERED TOPICAL.AMOUNT
CANNABIS USE- TOPICALS **[TOPICAL.AMOUNT.REDO]**	**PROGRAMMER NOTE:** MAKE SURE UNIT IS RECORDED AND MAKE IT MANDATORY TO SELECT A UNIT. Ok. Think the **average** amount you use on days you use **topicals.** **How much topical** do you **usually** use over the **entire day**? **Note: 1 'fingertip' unit is the distance from the tip of your index finger to the first crease of the finger.** ENTER AMOUNT:_____ fingertip unit(s) -77= Don't know -88= Refuse to answer **UNIVERSE**: TOPICAL.AMOUNT.CONF=2
THC RATIO – TOPICAL **[TOPICAL.THCRATIO]** *Source: New*	**PROGRAMMER:** INSERT TWO LISTS; THEY MUST CHOOSE ONE RESPONSE FROM EACH LIST <u>OR</u> REFUSE Think of the **last time** you used a **topical**. Which of the following best describes the THC level? 1a=No THC 2a=Low THC 3a=Medium THC 4a=High THC

	5a=Very high THC 6a= I don't know Which of the following best describes the CBD level? 1b= No CBD 2b=Low CBD 3b=Medium CBD 4b=High CBD 5b=Very high CBD 6b= I don't know UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
THC – TOPICAL THC KNOWLEDGE [TOPICAL.THC1]	Do you know the **amount of THC or CBD** in the **topical** you **used last**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
THC – TOPICAL – UNIT [TOPICAL.THC.UNIT]	Would you like to report the THC and CBD levels in…? 1= mg per mL 2= % -77= Don't know -88= Refuse to answer UNIVERSE: TOPICAL.THC1=1
THC – TOPICAL THC LEVEL [TOPICAL.THC2]	What were the THC and CBD levels of the **topical** you **used last?** Enter number: _____**[mg per mL or %]** THC [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know Enter number: _____**[mg per mL or %]** CBD [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: TOPICAL.THC1=1 (yes)
THC – TOPICAL THC LEVEL – CONFIRMATION [TOPICAL.THC2.CONF]	PROGRAMMER: DERIVE PERCENTAGE FROM TOPICAL.THC2. You told us the last topical you used had **[X] [mg per mL or %] THC and [X] [mg per mL or %] CBD**.

	Are those the **THC and/or CBD levels** of the marijuana topicals you **usually use**? 1= Yes 2= No – THC or CBD level is different from usual 3= Not applicable – I don't use them regularly PROGRAMMER: IF THEY SELECT NO, GO to TOPICAL.THC2.REDO. UNIVERSE: THOSE WHO PROVIDED AN ANSWER TO TOPICAL.THC2 (NOT INCLUDING -77 & -88)
THC – TOPICAL THC LEVEL **[TOPICAL.THC2.REDO]**	Ok. What are the **THC and/or CBD levels** of the **topicals** you **usually use**? Enter number: _____ **[dropdown list: mg per mL or %]** THC [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know Enter number: _____ **[dropdown list: mg per mL or %]** CBD [**Programmer**: range=0-100% or 0-1000 mg] or Don't Know -88= Refuse to answer UNIVERSE: TOPICAL.THC2.CONF=2
CANNABIS USE – TOPICAL **[TOPICAL.HIGH]** **SOURCE**: *adapted from Hunault et al.* *2014*	The **last time** you used **a topical,** how high did you feel? 1= Not at all high 2= A little high 3= High 4= Very high 5= Extremely high -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
CANNABIS USE – TOPICAL **[TOPICAL.HIGH2]** *Source: new*	Which best describes your experience after using the topical? 0= I didn't feel high at all [**PROGRAMMER**: ONLY SHOW IF THEY ENTERED '0' TO TOPICAL.HIGH] 1= Much <u>less</u> high than I wanted 2= A little <u>less</u> high than I wanted 3= About right 4= A little more high than I wanted 5= Much more high than I wanted

	-77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
CANNABIS SOURCE – TOPICALS **[TOPICAL.SOURCE1]** *Source: Modified Health Canada Survey Draft*	In the **past 12 months**, how did you get the **topicals** you used? SELECT ALL THAT APPLY. 1= I made my own 2= From a family member or friend 3= From a dealer (in person) 4= Internet delivery service or mail order (delivered to me) 5= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 6= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
CANNABIS SOURCE- TOPICALS **[TOPICAL.SOURCE2]** *Source: Modified Health Canada Survey Draft*	What percent (%) of the **topicals** that you used in the past 12 months did you get from each source? [Insert sources selected from TOPICAL.SOURCE1 with open fields for entry of % numbers that sum to 100%] -77=Don't know -88=Refuse to answer UNIVERSE: TOPICAL.SOURCE1 = MORE THAN 1 OPTION SELECTED
CANNABIS SOURCE – LEGALITY **[TOPICAL.SOURCE.LEGAL]**	Overall, about what percentage (%) of the **topicals** that you **used in the past 12 months** came from **LEGAL/AUTHORIZED** sources? ENTER NUMBER: _____ % [PROGRAMMER: ALLOW 0-100%] -77= Don't know -88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
CANNABIS SOURCE- TOPICALS **[TOPICAL.PURCHASE]** *Source: Modified Health Canada Survey Draft*	In the past 12 months, did you **buy or pay** for any of the **topicals** you used? 1= Yes 2= No -77= Don't know

	-88= Refuse to answer UNIVERSE: PAST 12 MONTH USERS OF TOPICALS FROM USE.MODES9
LAST PURCHASE – TOPICALS **[TOPICAL.WHERE]**	**The last time** you bought a **topical,** where did you buy it? 1= From a family member or friend 2= From a dealer (in person) 3= Internet delivery service or mail order (delivered to me) 4= From a store, co-operative or dispensary (NZ/AUS: From a store, dispensary or clinic) 5= Other (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: TOPICAL.PURCHASE=1
LAST PURCHASE –TOPICALS **[TOPICAL.WEB]**	Ok. What type of **internet or delivery service** did you buy the topical from? Remember, we're asking about the **last time** you bought it. 1= An authorized/legal website 2= An unauthorized/illegal website, private delivery service or dealer [US only: 'not affiliated with a dispensary/co-operative'] 3 = Other online source (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: TOPICAL.WHERE=3 (INTERNET)
LAST PURCHASE –TINCTURES **[TOPICAL.STORE]**	Ok. What type of **PHYSICAL store or dispensary** did you buy the topical from? Remember, we're asking about the **last time** you bought it. 1= [PROGRAMMER: IN USA= 'A legal medical dispensary or co-operative'; IN CANADA: 'A legal/authorized store'; IN NZ/AUS: 'A pharmacy or legal medical dispensary/clinic'] 2= A legal recreational store [PROGRAMMER: this option is for USA only] 3= An illegal or unauthorized store/dispensary 4= Other type of store/dispensary (please specify without providing any identifiable information):_____ -77= Don't know -88= Refuse to answer UNIVERSE: TOPICAL.WHERE=4 (STORE)
LAST PURCHASE – TOPICALS **[TOPICAL.LASTPURCH]** *Source: New*	**PROGRAMMER NOTE:** MAKE SURE UNIT IS RECORDED AND MAKE IT MANDATORY TO SELECT A UNIT.

	The last time you bought a **topical,** how much did you buy? ENTER AMOUNT: _____[drop-down list: mL/gram(s)/oz] -77= Don't know -88= Refuse to answer UNIVERSE: TOPICAL.PURCHASE=1
LAST PURCHASE – TOPICALS **[TOPICAL.SPENTLAST]** *Source: New*	**How much** did you spend the **last time** you bought a **topical**? ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: TOPICAL.PURCHASE=1
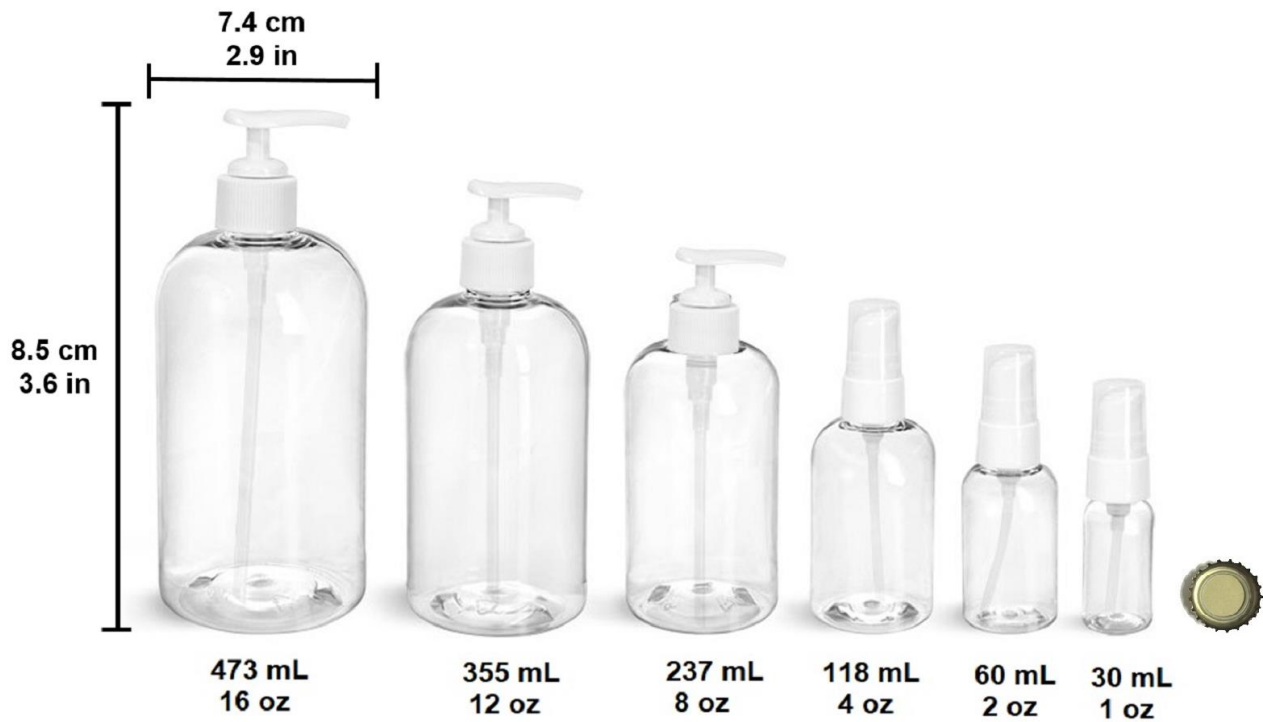
LAST PURCHASE – TOPICALS - CONFIRMATION **[TOPICAL.SPENTLAST.CONF]**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM PREVIOUS QUESTION. INSERT AMOUNT FROM TOPICAL.LASTPURCH.** You told us that you paid [**$X**] to purchase **[insert amount, including units**] of topical. Is that correct? 1= Yes 2= No – I want to correct the amount I bought **[REDIRECT TO TOPICAL.LASTPURCH]** 3= No – I want to correct the amount I paid **[REDIRECT TO TOPICAL.SPENTLAST]** PROGRAMMER: IF THEY SELECT NO, REDIRECT TO APPROPRIATE QUESTION AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED TOPICAL.SPENTLAST
LAST PURCHASE – TOPICALS – TAX **[TOPICAL.SPENTLAST.TAX]**	Did the $[insert final corrected value from TOPICAL.SPENTLAST] include **tax**? 1= Yes 2= No 3= Don't know -88 = Refuse to answer UNIVERSE: TOPICAL.WHERE=3 or 4 (internet or store) and entered $ value for TOPICAL.SPENTLAST
LAST PURCHASE – TOPICALS – SHIPPING [**TOPICAL.SPENTLAST.SHIP]**	Did the $[insert final corrected value from TOPICAL.SPENTLAST] you paid include **shipping or delivery costs**? 1= Yes, it included the shipping **or delivery** cost (enter shipping **or delivery** cost, if known): $_____ **[PROGRAMMER: make numeric text box optional]** 2= No, but I know the shipping **or delivery** cost (enter shipping **or delivery** cost): $_____ **[PROGRAMMER: make numeric text box optional]** 3= No, there was **no** shipping **or delivery** cost -77= Don't know -88= Refuse to answer UNIVERSE: TOPICAL.WHERE=3 (Internet) and entered $ value for TOPICAL.SPENTLAST
MONEY SPENT- TOPICALS **[MONEY.TOPICAL.ALL]** NEW 2022	We'd like to know how much money you've spent on **all** topicals **in the past 12 months**. ENTER DOLLAR AMOUNT: $_____ -77= Don't know -88= Refuse to answer UNIVERSE: TOPICAL.PURCHASE=1
MONEY SPENT – TOPICALS - CONFIRMATION **MONEY.TOPICAL.ALL.CONF**	**PROGRAMMER: DERIVE DOLLAR AMOUNT FROM MONEY.TOPICAL.ALL.** You told us that you spent [**$X**] on all topicals in the past 12 months. Is that correct?

NEW 2022	1= Yes 2= No – I want to correct my answer PROGRAMMER: IF THEY SELECT NO, REDIRECT TO MONEY.TOPICAL.ALL AND RE-ASK THIS QUESTION. ADD TEXT "PLEASE CORRECT YOUR RESPONSE". UNIVERSE: THOSE WHO ANSWERED MONEY.TOPICAL.ALL
MONEY SPENT – STATE/PROVINCE **[MONEY.STATE]**	**PROGRAMMER NOTE:** Ensure numeric fields sum to 100%. If country= 1 (Canada) , then refer to 'province'. If country=2 (USA) or Australia, then refer to 'state', if country=NZ, refer to 'region' Of **ALL the marijuana products** you purchased in the **past 12 months,** did you buy them **within** or **outside of** the [province / state /region] where you currently live? Please include products bought online. About what percentage (%) of marijuana products did you buy… IN your [province/state/region]:___% OUT of your [province/state/region]:___% -77= Don't know -88= Refuse to answer UNIVERSE: CANNABIS.SOURCE1= AT LEAST ONE SOURCE SELECTED
MONEY SPENT - STATE **[MONEY.STATE.NY]** NEW 2022	**From which state(s) did you get marijuana in the past 12 months??** SELECT ALL THAT APPLY [insert checklist of US states] -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=US AND MONEY.STATE OUT OF YOUR [province/state/region] >0
DELTA-8 THC **[DELTA8.NY.MC]**	**THC is responsible for the "high" in marijuana.** **Have you heard of products that contain the following?** **SELECT ALL THAT APPLY.** 1= Delta-4 THC 2= Delta-8 THC

	3= Delta-9 THC
	4= Delta-10 THC
	-77=Don't know
	-88= Refuse to answer
	UNIVERSE=ALL
DELTA-8 THC USE **[DELTA8.use]**	**Have you ever used a <u>DELTA-8</u> THC product?** 1= No 2= Yes – within the past 30 days 3= Yes – more than 30 days ago -77= Don't know -88= Refuse to answer**?** UNIVERSE: Only ask CANADA & US; Only ask if DELTA8_NY_MCr2= 1 (Yes)
DELTA-8 THC USE **[DELTA8.TYPE]**	**What type of <u>DELTA-8</u> THC product have you used?** SELECT ALL THAT APPLY 1= Dried herb (smoked or vaped, including pre-rolled joints) 2= Cannabis oils or liquids taken orally (e.g., drops, capsules or sprays 3= Cannabis oils or liquids for vaping 4= Edibles / foods 5= Drinks (e.g., marijuana cola, tea or coffee) 6= Concentrates (e.g., wax, shatter, budder) 7= Hash or kief 8= Tinctures (concentrated amounts ingested orally or taken under the tongue) 9= Topical ointments (e.g., skin lotions or bath products) 10= Other (please specify):____ -77=Don't know -88= Refuse to answer UNIVERSE: Only ask CANADA & US; Only ask if DELTA8.use= 2 or 3
DELTA-8 THC USE **[DELTA8.IMAGE1]**	**PROGRAMMER NOTE:** ASK ALL RESPONDENTS ACCORDING TO UNIVERSE, UNLESS THEY WERE PREVIOUSLY ASKED TO UPLOAD IMAGES FOR [HERB.IMAGE1] OR [EDIBLE.IMAGE1] We'd like to understand the products people are using. Would you be willing to take a picture of the <u>DELTA 8 PRODUCT</u> that you used last and upload it to the survey? It's quick and easy to do.

	1= Yes - I can take a picture of the package 2= No UNIVERSE: Only ask CANADA & US; Only ask if DELTA8.use= 2 or 3
[DELTA8.IMAGE.UPLOAD]	Thanks! Please take a picture of the package of the <u>DELTA 8 PRODUCT</u>. Try to take the picture so you can see the brand name and any product information. [image upload] [checkbox] I don't want to or am unable to take a picture Optional: You can upload a second picture if needed. [image upload] Is there anything you think we should know about this picture? For example, if the brand name is not visible. Response: _____ UNIVERSE: Only ask CANADA & US; Only ask if DELTA8.IMAGE1=1
[DELTA.IMAGE2] **[DELTA8.IMAGE3]** **[SAME SCREEN]**	For the picture you uploaded… Is this the <u>DELTA 8 PRODUCT</u> you used LAST? 1=Yes 2=No -77=Don't know -88=Refuse to answer Does the picture you uploaded show the amount of THC? 1=Yes 2=No -77=Don't know -88=Refuse to answer UNIVERSE: Only ask CANADA & US; Only ask ifDELTA8.IMAGE1=1 AND UPLOADED A DELTA 8 IMAGE
[DELTA8.IMAGE4]	[**PROGRAMMER**: only allow respondents to fill out one field] What is the THC level shown on the package? You can enter it in % or mg. _____% THC

	_____mg THC 3= the THC level is not shown on the package -77= Don't know -88= Refuse to answer UNIVERSE: Only ask CANADA & US; Only ask if DELTA8.IMAGE3=2
[CBD.INTRO.NY]	**The next questions ask about use of <u>HEMP OR CBD-ONLY PRODUCTS</u>. Hemp and CBD-only products typically do not cause a "high" and are found in stores such as grocery stores, gas stations, smoke shops, malls, and online. Do NOT count marijuana products when answering these questions.** UNIVERSE: ALL NEW YORK STATE RESIDENTS
CBDOIL [CBD.NY]	**During the PAST 30 DAYS, on how many days did you use hemp or CBD-only products?** ENTER NUMBER OF DAYS:_____[PROGRAMMER: range: 0-30] -77= Don't know -88= Refuse to answer UNIVERSE: ALL NEW YORK STATE RESIDENTS
CBDOIL [CBD.PRODUCT.NY]	**When you used a hemp or CBD-only product during the PAST 30 DAYS, how did you use it? Did you:** **SELECT ALL THAT APPLY.** 1= Apply it to the skin _(for example, in a lotion, gel, oil, balm, transdermal)_ 2= Smoke it (for example, in a joint, blunt, bowl, bong, or cigar) 3= Eat it (for example, in chocolate, cakes, cookies, gummies, or candies) 4= Drink it (for example, in tea, coffee, syrup, or tincture) 5= Vaporize it (for example, in an e-cigarette-like vaporizer or another vaporizing device) 6= Dab it (for example, using a dabbing rig, knife, or dab pen) 7= Use it some other way (for example, using pills, capsules, suppositories) -77= Don't know -88= Refuse to answer UNIVERSE: ENTERED AT LEAST 1 DAY IN CBD.NY
CBDOIL [CBD.OIL1]	PROGRAMMER: RANDOMIZE TO SEE 1 OF 2 OPTIONS: 1) EXISTING QUESTION; 2) EXISTING QUESTION WITHOUT SENTENCE "CBD PRODUCTS ARE OFTEN SOLD IN CORNER STORES…"

	[New York State residents]: **Now we'd like you to think about the PAST 12 MONTHS.** [All other respondents]: We've asked about a lot of different product types. Just to confirm... Have you used **any CBD products with no THC (including CBD oil)** in the past 12 months? [US only: CBD products are often sold in corner stores and grocery stores, rather than cannabis stores or dispensaries.] 1= Yes – I included these CBD products when answering the marijuana questions 2= Yes – but I did NOT include these CBD products answering the marijuana questions 3= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL **EXCEPT** EVER.TRY=2 (NO) OR USE.RECENT=1 (NOT IN PAST 12 MONTHS)
CBDOIL [CBD.OIL1b]	PROGRAMMER: RANDOMIZE PARTICIPANTS TO SAME OPTION AS THEY SAW IN CBD.OIL1. Have you used <u>any CBD products</u> **with no THC (including CBD oil)** in the **past 12 months?** [US only: CBD products are often sold in corner stores and grocery stores, rather than cannabis stores or dispensaries.] 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=2 (NO) OR USE.RECENT=1 (NOT IN PAST 12 MONTHS)
CBDOIL [CBD.MED]	In the past 12 months, did you receive a **prescription or <u>authorization</u> (US: recommendation)** from a medical professional to use <u>CBD products</u> (including CBD oil)? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
CBDOIL [CBD.OIL2]	How often do you use **any CBD products with no THC?** 1= Less than once per month 2= One or more times per month 3= One or more times per week 4= Every day or almost every day

	-77= Don't know -88= Refuse to answer UNIVERSE: CBD.OIL1=1 or 2 OR CBD.OIL1b=1
CBDOIL [CBD.OIL3]	In the past 12 months, **what type of** <u>CBD products with no THC</u> did you use? SELECT ALL THAT APPLY. I've used <u>**CBD-only...**</u> 1= Oil or liquid drops 2= Oil or liquid capsules 3= Oil or liquid for vaping 4= Edibles/foods 5= Drinks (e.g., marijuana cola, coffee, tea) 6= Topical ointments (e.g., lotions, salves, balms applied directly to the skin) 7= Tinctures (e.g., concentrated amounts ingested orally or taken under the tongue) 8= Concentrates (e.g., wax, shatter) 9= Hash or kief 10= Dried herb 11= Hemp oil 12= Other (please specify): _____ -77= Don't know -88= Refuse to answer UNIVERSE: CBD.OIL1=1 or 2 OR CBD.OIL1b=1
CBDOIL [CBD.PRODUCT.FREQ]	PROGRAMMER: POPULATE LIST/GRID (OR REPEAT QUESTION) FOR ANY PRODUCTS USED IN CBD.OIL3. How often do you use <u>CBD-only [PRODUCT FROM CBD.OIL3]?</u> 1= Less than once per month 2= One or more times per month 3= One or more times per week 4= Every day or almost every day -77= Don't know -88= Refuse to answer UNIVERSE: CBD.OIL3=any products selected (1-11)
CBDOIL [CBD.OIL5]	How much money have you spent on **all types of CBD-only products with no THC** in the past 12 months? ENTER DOLLAR AMOUNT: $_____

	-77= Don't know -88= Refuse to answer UNIVERSE: CBD.OIL1=1 or 2 OR CBD.OIL1b=1
[CBD.OIL6]	Have you ever used <u>CBD-only products with no THC</u> to <u>improve or manage symptoms</u> for any of the following: SELECT ALL THAT APPLY. 1= Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder) 2= Depression (including dysthymia) 3= Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss) 4= Bipolar disorder, mania, or borderline personality disorder 5= Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear) or Dissociative Identity Disorder 6= Schizophrenia 7= Alcohol or other drug use 8= Eating disorder 9= ADD/ADHD 10= Other significant emotional or mental health problem (we'll ask about pain, sleep and physical health symptoms on the next screen):_____ 11= I have never used CBD-only products for any of the above -77 = Don't know -88= Refuse to answer UNIVERSE: CBD.OIL1=1 or 2 OR CBD.OIL1b=1
[CBD.OIL7]	Have you ever <u>used CBD-only products with no THC</u> to <u>improve or manage symptoms</u> for any of the following: SELECT ALL THAT APPLY. 1= Headaches/migraines 2= Pain (including muscle pain, arthritis, neuropathy or premenstrual syndrome) 3= Nausea/vomiting or chemotherapy symptoms 4= Lack of appetite 5= Seizures/epilepsy 6= Muscle spasms 7= To shrink tumors or treat cancer 8= Problems sleeping 9= Digestion/gastrointestinal issues (irritable bowel syndrome, inflammatory bowel disease, colitis, etc.) 10= Fibromyalgia 11= General well-being 12= Other condition(s) (please specify):_____ 13= I have never used CBD-only products to treat or improve symptoms

	-77= Don't know -88= Refuse to answer UNIVERSE: CBD.OIL1=1 or 2 OR CBD.OIL1b=1
CANNABIS EXTRACTS - TRIED **[EXTRACT.TRY]**	Have **you ever tried to MAKE** marijuana extracts or concentrates **using butane, CO_2, alcohol or heat**? SELECT ALL THAT APPLY. 1= No 2= Yes – using butane 3= Yes – using CO_2 4= Yes – using alcohol (e.g., isopropyl) 5= Yes – using heat (e.g., hair straightener) 6= Yes – some other way (please specify): _____ -77= Don't know -88= Refuse to answer UNIVERSE: ALL
CANNABIS EXTRACTS – TRIED **[EXTRACT.PASTYEAR]** NEW 2022	Have **you made** marijuana extracts or concentrates using butane, CO_2, alcohol or heat **in the past 12 months**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: EXTRACT.TRY=2-6
CANNABIS EXTRACTS– AMOUNT **[EXTRACT.AMOUNT]** NEW 2022	Of all the marijuana extracts you had in the past 12 months, how many of them were homemade by you or someone you know? Do not include edibles bought from a store or a dealer. 1=Almost none 2=Less than 10% 3=10% 4=20% 5=30% 6=40% 7=50% 8=60% 9=70% 10=80% 11=90%

	12=100% -77= Don't know -88= Refuse to answer UNIVERSE: **EXTRACT.PASTYEAR** =1
Knowledge of THC levels **[THC.TEST]**	If dried herb has 30% THC, in your opinion, is that… 1= Low THC for dried herb 2= Medium THC for dried herb 3= High THC for dried herb 4= Very high THC for dried herb 5= Don't know -88= Refuse to answer **UNIVERSE: ALL**

RETAIL SETTINGS & ACCESS

CANNABIS ACCESS **[ACCESS.EASE]** *Source: Modified from CSTADS 2014/15*	**PROGRAMMER NOTE:** IF EVER.TRY=2 OR IF USE.RECENT=1 (never tried or haven't used in the past year) Overall, how easy or difficult would it be for you to get marijuana? IF USE.RECENT=2,3,4 (have used in the past year) Overall, how easy or difficult is it for you to get marijuana? 1= Very easy 2= Fairly easy 3= Neither easy nor difficult 4= Fairly difficult 5= Very difficult -77= Don't know -88= Refuse to answer UNIVERSE: ALL
RETAIL ACCESS - WEBSITE **[RETAIL.ONLINE]**	How easy or difficult would it be for you to **buy marijuana from a LEGAL ONLINE source (by internet or mail order)**?

Source: NEW	1= Very easy 2= Fairly easy 3= Neither easy nor difficult 4= Fairly difficult 5= Very difficult -77= Don't know -88= Refuse to answer UNIVERSE: ALL
RETAIL ACCESS - WEBSITE [RETAIL.ONLINE2] *Source: NEW*	How easy or difficult would it be for you to **buy marijuana from an ILLEGAL ONLINE source (by internet or mail order)**? 1= Very easy 2= Fairly easy 3= Neither easy nor difficult 4= Fairly difficult 5= Very difficult -77= Don't know -88= Refuse to answer UNIVERSE: ALL
RETAIL ACCESS - STORE [RETAIL.EASE]	How easy or difficult would it be for you to **buy marijuana from a LEGAL store or dispensary (NZ:/clinic)** in the city or town where you live? 1= Very easy 2= Fairly easy 3= Neither easy nor difficult 4= Fairly difficult 5= Very difficult -77= Don't know -88= Refuse to answer UNIVERSE: ALL
RETAIL ACCESS - STORE [RETAIL.EASE2]	How easy or difficult would it be for you to **buy marijuana from an ILLEGAL store or dispensary** in the city or town where you live? 1= Very easy 2= Fairly easy 3= Neither easy nor difficult 4= Fairly difficult 5= Very difficult

	-77= Don't know -88= Refuse to answer UNIVERSE: ALL EXCEPT NZ
RETAIL STORES **[RETAIL.STORES]**	Are there any **stores that sell marijuana** in the city or town nearest to where you live? 1=Yes 2=No 3= I don't know -88= Refuse to answer UNIVERSE: ALL
RETAIL ACCESS **[RETAIL.ACCESS]**	How long would it take you to get to the **nearest store that sells marijuana using your usual mode of transportation**? [insert list: Less than 5 minutes, 5 minutes, 10 minutes, …[5 minute increments up to 1 hour, then 'more than 1 hour'] -77= I don't know of any stores that sell marijuana near where I live -88= Refuse to answer UNIVERSE: ALL
RETAIL ACCESS **[RETAIL.ACCESS3]**	Thinking about the previous question… What is your usual mode of transportation? 1= Walking 2= Driving or getting a ride (e.g., car, taxi) 3= Bike 4= Bus/streetcar 5= Train/subway/high-speed rail 6= Other (please specify): _____ -77= Don't know -88= Refuse to answer UNIVERSE: ALL

RETAIL ACCESS **[RETAIL.ACCESS2]**	OK, about many [Canada=kilometres, USA=miles] away is the nearest store? Do your best to estimate if you're not sure. ENTER NUMBER:_____[Canada=km; USA=miles] -77= Don't know -88= Refuse to answer UNIVERSE: THOSE WHO ANSWERED RETAIL.ACCESS
RETAIL ACCESS **[RETAIL.ACCESS4]**	Is the store nearest to you a(n)… 1= Legal/authorized store 2= Illegal/unauthorized store 3= Don't know -88= Refuse to answer UNIVERSE: RETAIL.STORES=1
RETAIL ACCESS **[RETAIL.ACESS5]**	In general, is it easy or difficult for you to tell whether a marijuana store is **legal/authorized**? 1= Easy 2= Difficult 3= In the middle/it depends on the store -77= Don't know -88= Refuse to answer UNIVERSE: ALL
RETAIL ACCESS **[RETAIL.ACESS6]** NEW 2022	In general, is it easy or difficult for you to tell whether a website selling marijuana for delivery is **legal/authorized?** 1= Easy 2= Difficult 3= In the middle/it depends on the store -77= Don't know -88= Refuse to answer UNIVERSE: ALL

RETAIL STORE VISIT **[RETAIL.VISIT]**	In the past 12 months, have you **been inside a legal store that sells marijuana** in the [US=state, CAN, NZ=province; NZ: state or territory] where you live? 1=Yes 2=No -77= Don't know -88= Refuse to answer UNIVERSE: ALL EXCEPT THOSE WHO CHOSE -77 in RETAIL.ACCESS
RETAIL STORE NOTICING **[STORE.NOTICE]** **(PROGRAMMER NOTE: separate variables: STORE.NOTICE1 to STORE.NOTICE10)**	[PROGRAMMER NOTE: insert checklist, randomize order] Were any of the following **inside** the legal **marijuana stores** that you've visited? SELECT ALL THAT APPLY. 1. Signs, posters or ads for marijuana brands 2. Health warnings or health information 3. Price discounts or sales 4. Loyalty programs (e.g., points, stamp cards) 5. Signs/labels for THC content 6. Free samples or tastings 7. Product displays 8. Alcohol for sale 9. Marijuana accessories for sale (e.g., pipes, bongs, rolling papers) 10. Non-marijuana food or drinks for sale (e.g., snacks) 11. Advice on product storage or safety (from sales staff) 12. Tobacco for sale 13. None of the above -77= Don't know -88= Refuse to answer UNIVERSE: RETAIL.VISIT=1
RETAIL STORE PRODUCT WINDOWS **[STORE.WINDOWS]** NEW 2022	Are **marijuana products visible** from **outside store windows** in the [province/state] where you live? 1= No 2= Sometimes 3= Yes -77= Don't know

	-88= Refuse to answer UNIVERSE: ALL
RETAIL STORE ADS OUTSIDE **[STORE.AD]** NEW 2022	Are there **advertisements, signs, or other things** that promote marijuana **outside marijuana stores** where you live? 1= No 2= Sometimes 3= Yes -77= Don't know -88= Refuse to answer UNIVERSE: ALL
RETAIL STORE ADS OUTSIDE FREQUENCY **[STORE.ADFREQ]** NEW 2022	**HOW OFTEN** do you see **advertisements, signs, or other things** that promote marijuana **outside marijuana stores** where you live?? 1= Less than once a month 2= Monthly 3= Weekly 4= Daily -77= Don't know -88= Refuse to answer UNIVERSE: STORE.AD=2-3
RETAIL STORE COMFORT **[STORE.COMFORT]**	PROGAMMER NOTE: IF RETAIL.VISIT= 1 How **comfortable or uncomfortable** did you feel visiting legal marijuana store(s) in the city or town where you live? IF RETAIL.VISIT= 2 How **comfortable or uncomfortable** would you be visiting a legal marijuana store in the city or town where you live? 1=Very uncomfortable 2=Uncomfortable 3=Neither comfortable nor uncomfortable 4=Comfortable 5=Very comfortable -77=Don't know -88= Refuse to answer

INFORMATION SEEKING **[ONLINE.INFO1]**	Have you ever gone **online/visited a website** to get information about marijuana? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
INFORMATION SEEKING - TYPE **[ONLINE.INFO3]**	[**PROGRAMMER NOTE**: RANDOMIZE LIST] What **type of information** on marijuana have you looked for **online**? SELECT ALL THAT APPLY. 1= Where to buy it (including product availability and store information) 2= Strain, brand, THC/CBD levels or other product details 3= How to grow it 4= How to use it 5= Health risks or side effects 6= Information on addiction 7= Health benefits or therapies (including information on CBD) 8= How to make extracts 9= Product accessories (e.g., vaporizers, bongs, rolling papers...) 10= To learn about different forms (e.g., edibles, oils...) 11= Information on medical marijuana or how to apply for it 12= Laws or rules 13= Other (please specify):_____ 14= I haven't looked for information about marijuana online -77= Don't know -88= Refuse to answer UNIVERSE: ONLINE.INFO1 = 1
RETAIL FACTORS **[FACTOR.REC]** **[PROGRAMMER NOTE: split into separate variables: FACTOR.REC1 to FACTOR.REC10]**	**PROGRAMMER NOTE:** randomize list and insert as grid. We would like to know how marijuana products from **legal/authorized** sources compare to marijuana products from **illegal/unauthorized** sources. Quality of legal marijuana… 1= Higher quality 2= No difference 3= Lower quality

	4= Don't know -88= Refuse to answer Price of legal marijuana… 1= More expensive 2= No difference 3= Less expensive 4= Don't know -88= Refuse to answer Convenience of buying legal marijuana… 1= More convenient to buy 2= No difference 3= Less convenient to buy 4= Don't know -88= Refuse to answer Safety of using legal marijuana… 1= Safer to use 2= No difference 3= Less safe to use 4= Don't know -88= Refuse to answer Safety of buying legal marijuana… 1= Safer to buy 2= No difference 3= Less safe to buy 4= Don't know -88= Refuse to answer UNIVERSE: ASK ONLY IN CANADA AND THE FOLLOWING US LEGAL STATES: Alaska, Arizona, California, Colorado, Illinois, Maine, Massachusetts, Michigan, Montana, Nevada, New Jersey, New Mexico, Oregon, Washington State (DO NOT SHOW TO Connecticut, New York, Rhode Island, Vermont, Virginia or DC which do not have legal SALES)

RETAIL WORRY
 	
[RETAIL.PRIVACY]
	Are you worried about **government or law enforcement authorities** tracking your marijuana purchases from authorized stores or websites?
	
	     1= Not at all worried
	     2= A little worried
	     3= Somewhat worried
	     4= Very worried
	     -77= Don't know

	-88= Refuse to answer UNIVERSE: CANNABIS.SOURCE3=1 (or 2 in USA) OR CANNABIS.SOURCE4=1
[CANNABIS.SOURCE.LOUNGE]	Have you visited a **marijuana/cannabis lounge, where people can use cannabis indoors in groups,** in the past 12 months? 1= Never 2=1 time 3=2-5 times 4=5-10 times 5=More than 10 times UNIVERSE: CURRENT.USE=2,3,4 and STATE=37

MEDICINAL USE

CANNABIS USE – MEDICAL **[CANNABIS.MED1]** **NEW 2022**	PROGRAMMER: RANDOMIZE HALF OF RESPONDENTS TO SEE **CANNABIS.MED1 AND THE OTHER HALF TO SEE CANNABIS.MED2**. Do you use marijuana for medical reasons, 'recreational' reasons, or both? *By "medical marijuana user," we mean someone who uses marijuana only to <u>manage a medical condition.</u>* 1= Medical use only 2= Recreational use only 3 = Both recreational and medical use -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
CANNABIS USE – MEDICAL [CANNABIS.MED2] REVISED 2022	PROGRAMMER: SEE PROGRAMMER NOTE FOR CANNABIS.MED1 ABOVE Do you self-identify as a **medical** marijuana user? *By "medical marijuana user," we mean someone who uses marijuana only to <u>treat a medical condition</u>.* 1= Yes 2= No -77= Don't know

	-88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
MED CANNABIS USE – ASKED DOC [MED.AUTH.ASK] *Source: Health Canada Draft Survey*	Have you ever **asked** a licensed health professional for [US: 'a recommendation'; CANADA: 'authorization'; Aus and NZ: 'a prescription'] to use **medical marijuana**?] 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
MED CANNABIS USE – DOC REFUSED [MED.AUTH.REFUSE] *Source: Health Canada Draft Survey*	Have you ever been **refused** [US: 'a recommendation'; CANADA: 'authorization'; Aus and NZ: 'a prescription'] **for medical marijuana** from any of the following health professionals? SELECT ALL THAT APPLY. 1= I have never been refused 2= Refused by a doctor or physician 3= Refused by a psychiatrist 4= Refused by a psychologist 5= Refused by a nurse 6= Refused by a nurse practitioner 7= Refused by a pharmacist 8= Refused by a naturopath, homeopath, chiropractor, massage therapist, or alternative medicine practitioner 9= Refused by other health professional (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: MED.AUTH.ASK=1
MED CANNABIS USE – DOC APPOVAL [MED.AUTH.APPROVAL] *Source: Health Canada Draft Survey*	Have you **ever received [US: 'a recommendation'; CANADA: 'authorization'**; Aus and NZ: 'a prescription'] **for medical marijuana** from any of the following health professionals? SELECT ALL THAT APPLY. 1= I have never received a [US: 'recommendation', Canada: 'prescription or authorization'] for marijuana 2= Yes, from a doctor or physician 3= Yes, from a psychiatrist 4= Yes, from a psychologist 5= Yes, from a nurse

	6= Yes, from a nurse practitioner 7= Yes, from a pharmacist 8= Yes, from a naturopath, homeopath, chiropractor, massage therapist, or alternative medicine practitioner 9= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: MED.AUTH.ASK=1
MED CANNABIS USE – PRESCRIPTION [PAST12MOS.MED] *Source: Health Canada Survey Draft*	[Canada: 'Were you authorized' US: 'Did you have a recommendation'; Aus and NZ: 'Did you receive a prescription'] to use medical marijuana **at any time in the past 12 months**? 1=Yes 2=No -77= Don't know -88= Refuse to answer UNIVERSE: MED.AUTH.APPROVAL=2–9
MED.PRODUCT.PREFER **NEW 2022**	When you use cannabis for medical reasons, what type of product do you prefer? 1= Higher THC potency 2= Mid-Range THC potency 3= Lower THC potency 4= Mix of THC and CBD with a high THC potency 5= Mix of THC and CBD with a low THC potency 6= I don't have a preferred product -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=US AND [CANNABIS.MED1=1 OR 3, OR CANANBIS.MED2=1]
MED.QUESTION1 **NEW 2022**	Have you asked 'budtenders' (people who work in cannabis stores) <u>medical-related questions</u> about cannabis? 1=Never 2=One or twice 3=A few times 4=Many times -77=Don't know -88= Refuse to answer UNIVERSE: COUNTRY=US AND [CANNABIS.MED1=1 OR 3, OR CANANBIS.MED2=1]
MED.QUESTION2	Did you get the information you were seeking from the budtender?

NEW 2022	1= No 2= Yes, some of my questions were answered 3= Yes, all of my questions were answered -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=US AND MED.QUESTION1=2-4
MED CANNABIS USE – COLORADO REGISTRY CARD **[MED.CARD.CO]**	Do you have a **medical marijuana registry card**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: STATE.US=6 and AGE=16-20 AND EVER.TRY=1
MED CANNABIS USE – MENTAL HEALTH **[USE.MENTALHEALTH]** *Source: adapted from Health Canada Survey Draft*	Have you ever **used marijuana to improve or manage symptoms** for any of the following: SELECT ALL THAT APPLY. 1= Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder) 2= Depression (including dysthymia) 3= Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss) 4= Bipolar disorder, mania, or borderline personality disorder 5= Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear) or Dissociative Identity Disorder 6= Schizophrenia 7= Alcohol or other drug use 8= Eating disorder 9= ADD/ADHD 10= Other significant **emotional or mental health problem** (we'll ask about pain, sleep and physical health symptoms on the next screen):_____ 11= I have never used marijuana for any of the above -77 = Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1
MED CANNABIS USE – MENTAL HEALTH CURRENT **[USE.MENTALHEALTH.CURRENT]** NEW 2022	Do you **currently use** marijuana to improve or manage any of the following symptoms: SELECT ALL THAT APPLY [ONLY SHOW RESPONSE OPTIONS SELECTED IN USE.MENTALHEALTH]

	11 = I don't currently use marijuana to improve or manage the above symptoms. -77 = Don't know -88=Refuse to answer UNIVERSE: USE.MENTALHEALTH=1-10
MED CANNABIS USE – MENTAL HEALTH MAIN REASON **[USE.MENTALHEALTH.MAIN]** NEW 2022	Is improving or managing mental health one of the **main reasons you use cannabis?** 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: USE.MENTALHEALTH=1-10
MED CANNABIS USE - HEALTH REASON **[EVER.MED]** *Source: adapted from Health Canada Survey Draft*	Have you ever **used marijuana to improve or manage symptoms** for any of the following: SELECT ALL THAT APPLY. 1= Headaches/migraines 2= Pain (including arthritis, neuropathy or premenstrual syndrome) 3= Nausea/vomiting or chemotherapy symptoms 4= Lack of appetite 5= Seizures 6= Muscle spasms 7= To shrink tumors or treat cancer 8= Problems sleeping 9= Digestion/gastrointestinal issues (irritable bowel syndrome, inflammatory bowel disease, colitis, etc.) 10= Fibromyalgia 11= Other condition(s) (please specify):_____ 12= I have never used marijuana to treat or improve symptoms -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1
MED CANNABIS USE - HEALTH REASON CURRENT **[EVER.MED.CURRENT]** NEW 2022	Do you **currently use** marijuana to improve or manage any of the following symptoms: SELECT ALL THAT APPLY [ONLY SHOW RESPONSE OPTIONS SELECTED IN EVER.MED] 12 = I don't currently use marijuana to improve or manage the above symptoms. -77 = Don't know -88=Refuse to answer

	UNIVERSE: EVER.MED=1-11
MED CANNABIS USE– MENTAL HEALTH MAIN REASON **[EVER.MED.MAIN]** NEW 2022	Is improving or managing physical health one of the **main reasons you use cannabis**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: EVER.MED=1-11
MED CANNABIS USE – OPIOID SUBSTITUTION **[OPIOID.SUB]** *Source: New*	**PROGRAMMER NOTE:** ASK IF EVER.MED=2 Have you ever used marijuana for **pain relief, instead of using opioids or prescription pain medication?** 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: EVER.MED=1 or 2 (headaches or pain)
MED CANNABIS USE – OPIOID SUBSTITUTION **[OPIOID.SUB2]** *Source: New*	**PROGRAMMER NOTE:** ASK IF OPIOID_SUB=1 Did you use marijuana for pain relief, instead of using opioids or prescription pain medication in the PAST 12 MONTHS? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: OPIOID_SUB=1
CANNABIS PRESCRIPTION DRUGS **[DRUGS.MJ]**	In the **past 12 months,** have you used any of the following prescription medications? SELECT ALL THAT APPLY. 1= Nabiximols (Sativex, Tetranabinex, Nabidiolex) 2= Epidiolex 3= Dronabinol (Marinol, Syndros) 4= Nabilone (Cesamet) 5= Tilray medicinal product (PROGRAMMER: show to NZ only) 6= Other prescribed cannabis-based medicinal product 7= None of the above -77= Don't know

	-88= Refuse to answer UNIVERSE: ALL
MEDICAL CANNABIS – GROW **[CANNABIS.MED.GROW]** NEW 2022	In Canada, people officially authorized for medical marijuana can designate someone to grow medical marijuana on their behalf. In the past 12 months, have you designated someone else to grow medical marijuana on your behalf? 1 = Yes 2 = No -77 = Don't know -88 = Refuse to answer UNIVERSE: ASK IF COUNTRY=1 (CANADA) AND PAST12MOS.MED=1

ADVERSE OUTCOMES

SIDE EFFECTS - EXPERIENCED **[ADVERSE1]**	PROGRAMMER: DON'T ALLOW ANY OTHER OPTIONS SELECTED IF 11, -77 OR -88 IS SELECTED. Now we are interested in unintended adverse or negative health effects caused by using marijuana. In the **past 12 months**, have you experienced any **adverse or negative health effect(s)** from marijuana use? SELECT ALL THAT APPLY. 1= Nausea and/or vomiting 2= Heart or blood pressure problems 3= Feeling faint or dizzy or passing out 4= Panic reactions 5= Hallucinations/psychosis 6= Flashbacks 7= Depression 8= Dissociation/depersonalization (feeling detached or disconnected from yourself) 9= Lung or breathing problems 10= Other (please specify): _____ 11= I have never experienced any negative health effects from using marijuana -77= Don't know -88= Refuse to answer

	UNIVERSE: USE.RECENT=2,3,4
[ADVERSE1.LEGAL] NEW 2022	Was the cannabis that caused the adverse or negative health effects purchased from a legal source? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY= 1 (CANADA) OR 2 (ALL LEGAL/MEDICAL STATES (ALL STATES **EXCEPT** STATE.US=10,12,14,15,16,17,27,33,40,42,43,49,50)) AND USE.RECENT=2,3,4 (EXCEPT IF ADVERSE1=11)
SIDE EFFECTS – HELP SEEKING [MEDICAL.SEEK]	In the **past 12 months**, did you **seek medical help** for any **adverse or negative health effect(s)** caused by using marijuana? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4 EXCEPT IF ADVERSE1=11
PROBLEMATIC USE - EMERGENCY DEPARTMENT [PAST3MOS.ED] *Source: New*	In the **past 12 months,** did you go to an **emergency department** to seek help for any **adverse or negative health effect(s)** caused by **using marijuana**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: MEDICAL SEEK=1
PROBLEMATIC USE - EMERGENCY DEPARTMENT [PAST3MOS.WHERE1] *Source: New*	In the **past 12 months,** did you seek help for **adverse or negative health effect(s)** caused by **marijuana** at any of these other places? SELECT ALL THAT APPLY. 1= Poison centre 2= Doctor or other health professional 3= Walk-in clinic 4= Telephone health service/helpline 5= Addiction support service 6= Other (please specify):_____

	7= None of the above -77= Don't know -88= Refuse to answer UNIVERSE: MEDICAL SEEK=1
SIDE EFFECTS – TYPE SOUGHT FOR [NEG.SIDEFX1] *Source: ADAPATED FROM Health Canada Draft Survey*	PROGRAMMER: DON'T ALLOW ANY OTHER OPTIONS SELECTED IF 11, -77 OR -88 IS SELECTED. In the **past 12 months**, which negative health effect(s) from marijuana use did you seek medical help for? SELECT ALL THAT APPLY. 1= Nausea and/or vomiting 2= Heart or blood pressure problems 3= Feeling faint or dizzy or passing out 4= Panic reactions 5= Hallucinations/psychosis 6= Flashbacks 7= Depression 8= Dissociation/depersonalization (feeling detached or disconnected from yourself) 9= Lung or breathing problems 10= Other (please specify): _____ 11= I have never experienced any negative health effects from using marijuana -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1 AND MEDICAL.SEEK=1
ADVERSE REACTIONS [ADVERSE2]	In the **past 12 months**, have you experienced any of the following **serious adverse effects** from marijuana use? SELECT ALL THAT APPLY. 1= In-patient hospitalization (or prolonged existing hospitalization) 2= Persistent or significant disability or incapacity 3= Life-threatening reaction 4= None of the above -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
SIDE EFFECTS - FORM [NEG.SIDEFX3]	PROGRAMMER: DON'T ALLOW ANY OTHER OPTIONS SELECTED IF 12, -77 OR -88 IS SELECTED.

	When you experienced the negative health effects, **what type or form of marijuana were you using**? SELECT ALL THAT APPLY. 1= Dried herb (smoked or vaped) 2= Oil or liquid drops 3= Oil or liquid capsules 4= Oils or liquids for vaping 5= Edibles/foods (please specify type):_____ 6= Concentrates like wax, shatter, budder 7= Hash or kief 8= Drinks (e.g., marijuana cola, coffee, tea) 9= Tinctures (e.g., concentrated amounts ingested orally or taken under the tongue) 10= Topical ointments (e.g., lotions, salves, balms applied directly to the skin) 11= Other (please specify): _____ 12= I have never experienced any negative health effects from using marijuana -77= Don't know -88= Refuse to answer UNIVERSE: ASK IF ANY of 1-10 checked on ADVERSE1.
CANNABINOID HYPEREMESIS SYNDROME **[NEG.SIDEFX4]**	Have you ever experienced **<u>cannabinoid hyperemesis syndrome</u>** (repeated, severe vomiting from marijuana use)? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4

PROBLEMATIC USE (ASSIST INSTRUMENT)

PROBLEMATIC USE - ASSIST **[PAST3MOS.A2]**	In the **past 3 months**, how often have you had a strong desire or urge to use marijuana? 1= Never 2= Once or twice 3= Monthly 4= Weekly 5= Daily or almost daily -77= Don't know -88= Refuse to answer

	UNIVERSE: EVER.TRY=1
PROBLEMATIC USE - ASSIST 3 **[PAST3MOS.A3]** *Source: adapted from ASSIST Tool*	During the **past 3 months**, how often has your use of marijuana led to health, social, legal, or financial problems? 1= Never 2= Once or twice 3= Monthly 4= Weekly 5= Daily or almost daily -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1
PROBLEMATIC USE – ASSIST 4 **[PAST3MOS.A4]** *Source: ASSIST Tool*	During the **past 3 months**, how often have you failed to do what was normally expected of you because of your use of marijuana? 1= Never 2= Once or twice 3= Monthly 4= Weekly 5= Daily or almost daily -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1
PROBLEMATIC USE – ASSIST 5 **[PAST3MOS.A5]** *Source: ASSIST Tool*	Has a friend or relative or anyone else expressed concern about your use of marijuana? 1=No, never 2=Yes, in the past 3 months 3=Yes, but not in the past 3 months -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1
PROBLEMATIC USE – ASSIST 6 **[PAST3MOS.A6]** *Source: ASSIST Tool*	Have you ever **tried and failed** to control, cut down or stop using marijuana? 1=No, never 2=Yes, in the past 3 months

	3=Yes, but not in the past 3 months -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1
PROBLEMATIC USE **[STONED]** **Source: Adapted from CUDIT-R**	How many hours were you 'stoned' on a typical day when you were using marijuana? 0=Less than 1 hour 1= 1 hours 2= 2 hours 3= 3 hours 4= 4 hours 5= 5 hours 6= 6 hours 7= 7 or more hours -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
CANNABIS EFFECTS – TYPE 1 **[EFFECTS.PERSONAL]** **[PROGRAMMER: divide into separate variables: EFFECTS.PERSONAL1 to EFFECTS.PERSONAL7]** *Source: adapted from Health Canada Canadian Cannabis Survey*	During the **past 12 months**, what effect did your marijuana use have on your: 1= Friendships or social life 2= Physical health 3= Mental health 4= Family life 5= Work 6= Studies 7= Quality of life 1= Negative effect 2= No effect 3= Positive effect 4= Not applicable -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4

PROBLEMATIC USE - HELP **[PAST3MOS.HELP]** *Source: New*	In the **past 12 months**, have you ever tried to **get help** to manage problems with your marijuana use? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
HELP SEEKING - WHERE **[PAST3MOS.WHERE2]** *Source: New*	**Where** did you seek help to manage problems with your marijuana use? SELECT ALL THAT APPLY. 1= Doctor or physician 2= Other health professional (e.g., psychiatrist, psychologist, counselor…) 3= Online/website support or information 4= Addiction service or clinic 5= Telephone helpline /support 6= Smartphone app 7= Family or friend 8= Other (please specify): -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4 and PAST3MOS.HELP=1
REGRET **[REGRET]** *Source: adapted from ITC project*	Do you agree or disagree: "If I had to do it over again, I would **not** have started using marijuana." 1= Strongly disagree 2= Disagree 3= Neither agree nor disagree 4= Agree 5= Strongly agree -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
DON'T GIVE UP SCREEN **[PANDA]**	[**PROGRAMMER NOTE:** Make this font twice the size of normal.] Getting tired of the survey? Don't give up, you're more than halfway through!

RISK PERCEPTIONS & SOCIAL NORMS

PERCEIVED RISK – OTHER SUBSTANCES [RISK.1] *Source: idea came from ESPAD; adapted heavily*	In your opinion, what is the level of health risk from… b) smoking cigarettes daily d) drinking alcohol (3–4 drinks) daily 1= Very low risk 2= Low risk 3= Moderate risk 4= High risk 5= Very high risk -77= Don't know -88= Refuse to answer UNIVERSE: ALL
PECEIVED RISK – MARIJUANA [RISK.2]	**PROGRAMMER NOTE:** PLEASE LEAVE A SMALL SPACE BETWEEN EACH SUBSTANCE

Source: idea came from ESPAD; adapted heavily	In your opinion, what is the level of health risk from… b) smoking marijuana daily d) vaping marijuana daily f) consuming marijuana edibles daily h) using <u>synthetic</u> marijuana (e.g., spice, K2, K3, scene) daily j) using high-potency marijuana concentrates daily l) exposure to <u>second-hand</u> marijuana smoke daily 1= Very low risk 2= Low risk 3= Moderate risk 4= High risk 5= Very high risk -77= Don't know -88= Refuse to answer UNIVERSE: ALL

PECEIVED RISK – VAPING
 	
[RISK.3]
	PROGRAMMER NOTE: PLEASE LEAVE A SMALL SPACE BETWEEN EACH SUBSTANCE
	
	Thinking about different products you can vape, what is the level of health risk from…
	
	    a) Vaping cannabis/THC **oil or liquid** daily
	    b) Vaping **dried herb** daily
	    c) Vaping **solid concentrates** daily
	
	1= Very low risk
	2= Low risk
	3= Moderate risk
	4= High risk
	5= Very high risk
	-77= Don't know
	-88= Refuse to answer
	
	UNIVERSE: ALL

HEALTH BELIEFS **[HEALTH.BELIEF]** **[PROGRAMMER: SPLIT INTO SEPARATE VARIABLES: HEALTH.BELIEF1 to HEALTH.BELIEF10]** *Source: Question wording: ITC; response options: adapted from Health Canada's proposed marijuana packaging warnings*	**PROGRAMMER NOTE**: Do not allow 'back' button for this question. RANDOMIZE order of responses. Based on what you know or believe… 1. Can marijuana <u>smoke</u> be harmful? 2. Can it be harmful to use marijuana when <u>pregnant or breastfeeding</u>? 3. Can it be dangerous to <u>drive or operate machinery</u> after using marijuana? 4. Can marijuana be <u>addictive</u>? 5. Can regular use of marijuana increase the <u>risk of psychosis and schizophrenia</u>? 6. Are <u>teenagers at greater risk</u> of harm from using marijuana than adults? 7. Can using marijuana cause <u>diabetes</u>? 8. Can marijuana or CBD help <u>cure or prevent cancer</u>? 9. Can <u>high-THC</u> marijuana products negatively affect memory and concentration? 10. Can using marijuana **cause** cancer? 1= Yes 2= Maybe 3= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
MARIJUANA ADDICTIVE **[SELF.ADDICTED]** *Source: ITC Adapted*	Do you consider yourself to be addicted to marijuana? 1= Not at all addicted 2= A little addicted 3= Very addicted -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
HEALTH RISKS - WORRY **[HEALTH.RISKS7]** *Source: ITC Adapted*	Are you worried that using marijuana will harm your health <u>in the future</u>? 1= Not at all worried 2= A little worried 3= Moderately worried 4= Very worried -77= Don't know -88= Refuse to answer

	UNIVERSE: USE.RECENT=2,3,4
SOCIAL NORMS - GENERAL **[NORMS.INJUNCTIVE]** Source: new	In your opinion, do people generally <u>**approve or disapprove**</u> of marijuana? 1= Strongly <u>dis</u>approve 2= <u>Dis</u>approve 3= Neither approve nor disapprove 4= Approve 5= Strongly approve -77= Don't know -88= Refuse to answer UNIVERSE: ALL
SOCIAL NORMS - COMFORT **[NORMS.COMFORT1 to NORMS.COMFORT7]**	How **comfortable or uncomfortable** would you feel **openly using marijuana**… 1. Around your parents 2. Around your boyfriend/girlfriend/partner/spouse 3. Around your friends 4. Around your co-workers 5. Around children 6. In public 1= Very <u>un</u>comfortable 2= <u>Un</u>comfortable 3= Neither 4= Comfortable 5= Very comfortable 6= Not applicable -77= Don't know -88= Refuse to answer UNIVERSE: ALL
SOCIAL NORMS - FRIENDS **[NORMS.FRIENDS]** *Source: Health Canada Draft Survey*	How many of your **5 closest friends** use marijuana? 1= None 2= One 3= Two 4= Three 5= Four 6= Five -77= Don't know -88= Refuse to answer

	UNIVERSE: ALL

CANNABIS USE IN VARIOUS SETTINGS

CANNABIS USE - LOCATION [USE.LOCATION1 to USE.LOCATION4] *Source: Health Canada Canadian Cannabis Survey*	In the **past 12 months**, have you **smoked** marijuana in any of the following locations? SELECT ALL THAT APPLY. 1= In a car 2= In a bar/pub, restaurant, or café 3= Inside your home 4=In a friend's or family's home 5= I have not smoked marijuana in any of the above locations 0= Not selected 1= Selected -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4
CANNABIS USE – -SECONDHAND SMOKE [SECONDHAND] *Source: New*	In the **past 30 days**, how often were you exposed to <u>second-hand marijuana smoke inside your home</u>? 1= Not at all 2= Less than once a week 3= More than once a week 4= Every day 5= Several times a day -77= Don't know -88= Refuse to answer UNIVERSE: ALL

CANNABIS USE - PUBLIC **[NOTICE.PUBLIC1 to NOTICE.PUBLIC6]** *Source: adapted from Health Canada* *Canadian Cannabis Draft Survey*	In the **past 12 months**, how often have you noticed someone using marijuana near you in a public place (e.g., street, park, alley, mall, etc.)? 1= Not in the past 12 months 2= Less than monthly 3= Weekly 4= Every day 5= More than once a day -77= Don't know -88= Refuse to answer UNIVERSE: ALL
CANNABIS USE - HOME **[STORAGE.HOME1]** *Source: adapted from Health Canada* *Canadian Cannabis Survey*	Do you currently keep any marijuana in or around your home? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
CANNABIS USE – STORAGE **[STORAGE.HOME2]** *Source: adapted from Health Canada* *Canadian Cannabis Survey*	Where is the marijuana in your home stored? SELECT ALL THAT APPLY. 1= On an open shelf or table 2= In an unlocked cabinet or drawer 3= In an outdoor location, such as a shed, garage, or greenhouse 4= In a childproof container 5= In a locked container, cabinet, drawer, or safe 6= In a locked room 7= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: STORAGE.HOME1=1
CANNABIS – INGESTION **[INGEST.ACCIDENT]** *Source: new*	In the **past 12 months**, has anyone (including people and animals) in your household **accidentally consumed marijuana** (e.g., eating/drinking it without knowing it contained marijuana)? 1= Yes 2= No -77= Don't know -88= Refuse to answer

	UNIVERSE: ALL
CANNABIS – INGESTION **[INGEST.WHO]** *Source: New*	Who was it that accidentally consumed marijuana? SELECT ALL THAT APPLY. 1= Me 2= An adult 3= A teenager 4= A child <13 years 5= A pet -77= Don't know -88= Refuse to answer UNIVERSE: INGEST.ACCIDENT=1
CANNABIS – INGESTION **[INGEST.HELP]** *Source: New*	Did the accidental consumption of marijuana lead to any of the following…? SELECT ALL THAT APPLY. 1= Poison control centre call 2= Emergency Department visit 3= Hospitalization 4= Veterinary help 5= Other (please specify):_____ 6= None of these -77= Don't know -88= Refuse to answer UNIVERSE: INGEST.ACCIDENT=1 AND INGEST.WHO=1-5 PROGRAMMER: ALLOW THEM TO SELECT ALL THAT APPLY OR 6, -77, -88.
CANNABIS USE - WORK RECENT **[USE.CURRENTWORK]** *Source: New*	**In the past 30 days,** have you used marijuana **at work (including breaks) or within 2 hours of starting work**? 1= Yes 2= No 3= Not applicable – I have not worked/gone to work in the past 30 days -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4

CANNABIS USE – SCHOOL RECENT [USE.SCHOOL] *Source: New*	**In the past 30 days,** have you used marijuana **at school (including breaks) or within 2 hours before school**? 1= Yes 2= No 3= Not applicable – I have not gone to school in the past 30 days -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4 AND CURR.ED=1 (attending school)

EXPOSURE TO CANNABIS MARKETING, PUBLIC EDUCATION, AND HEALTH WARNINGS

ADVERTISING & PROMOTION [ADPROMO] *Source: Adapted from tobacco/ecig*	PROGRAMMER NOTE: RANDOMIZE ORDER OF RESPONSE OPTIONS IN A [YES/NO] CHECKLIST and leave last 4 options fixed In the **past 12 months**, have you noticed marijuana being **advertised or promoted** in any of the following places? SELECT ALL THAT APPLY. 1= Regular postal mail 2= Websites 3= Email or text messages 4= Bars, pubs, or nightclubs 5= Inside stores that sell marijuana 6= Outside stores that sell marijuana 7= Pharmacies 8= Events like sporting events, concerts, festivals or markets 9= Kiosks or temporary sales locations (in shopping centers or on the street) 10= TV or radio 11= Billboards or posters 12= Print newspapers or magazines 13= At the movies 14= Taxis or buses/public transit 15= Flyers 16= Social media, like Facebook, Twitter, YouTube, Instagram or Snapchat 17= Other (please specify): _____ 18= I have not noticed marijuana being advertised or promoted -77= Don't know -88= Refuse to answer

	UNIVERSE: ALL
PUBLIC EDUCATION - CAMPAIGNS [EDUCATION.AWARE] *Source: new*	In the **past 12 months**, have you noticed **education campaigns or public health messages** about marijuana in any of the following places? SELECT ALL THAT APPLY. 1= School 2= Work 3= Websites 4= Email or text messages 5= Bars, pubs, or nightclubs 6= Inside stores that sell marijuana 7= Outside stores that sell marijuana 8= Pharmacies 9= Events like sporting events, concerts, festivals or markets 10= Kiosks or temporary sales locations (in shopping centers or on the street) 11= TV or radio 12= Billboards or posters 13= Print newspapers or magazines 14= At the movies 15= Taxis or buses/public transit 16= Flyers or postal mail 17= Social media, like Facebook, Twitter, YouTube, Instagram or Snapchat 18= Other (please specify): _____ 19= I have not noticed any education campaigns or public health messages -77= Don't know -88= Refuse to answer UNIVERSE: ALL
PUBLIC EDUCATION - DESCRIBE [EDUCATION.DESC] *Source: new*	Can you briefly describe the education message(s) or campaign(s) you saw? [OPEN TEXT FIELD] UNIVERSE: EDUCATION.AWARE=ANY SELECTED EXCEPT 19, -77 and -88

[ED.EFFECT]	Did the public health campaign lead to any of the following changes? SELECT ALL THAT APPLY. 1= I reduced the amount of marijuana I use 2= I use marijuana less often 3= I changed the form or type of marijuana that I use (for example, I used to vape but now I buy edibles) 4= I am more careful about how I store my marijuana products at home 5= I am more aware of the possible health consequences of marijuana use than before 6= I am more cautious about using marijuana before driving a vehicle 7=No impact/change 8= Other change (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: STATE.US=13 AND EDUCATION.AWARE=ANY SELECTED (EXCEPT 19, -77, -88)
MED CANNABIS USE – DOC ASKED [MED.ASK] *Source: Health Canada Draft Survey*	PROGRAMMER: Randomize respondents to see 1 of 4 wording choices. Have any of the following health professionals **talked to you about [marijuana/marijuana or CBD products/CBD products/medical cannabis products]?** SELECT ALL THAT APPLY. 1= Doctor or physician 2= Psychiatrist 3= Psychologist 4= Nurse 5= Nurse practitioner 6= Pharmacist 7= Naturopath, homeopath, chiropractor, massage therapist, or alternative medicine practitioner 8= Other health professional (please specify):_____ 9= No health professionals have talked to me about marijuana -77= Don't know -88= Refuse to answer UNIVERSE: ALL

[MED.ASK2]	Did the health professional(s) recommend that you try **medical cannabis or CBD products**? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: Selected any of options 1-8 in MED.ASK
[MED.ASK3]	Did the health professional(s)… SELECT ALL THAT APPLY. 1= Prescribe a specific marijuana, cannabis or CBD product 2= Refer you to a medical marijuana or cannabis clinic 3= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: MED.ASK2=1
PUBLIC EDUCATION - WARNINGS **[WARNING.AWARE]** *Source: new*	In the **past 12 months**, have you seen **health warnings on marijuana products or packages**? 1= Yes 2= No 3= Not applicable – I have not seen any marijuana products or packages -77= Don't know -88= Refuse to answer UNIVERSE: ALL
PUBLIC EDUCATION – DESCRIBE WARNINGS **[WARNING.DESC]** *Source: new*	We'd like to know what warnings you have seen on marijuana products or packages. Please describe the **health warnings** you've seen on products or packages. Describe as many as you can. Warning message 1: _____ Warning message 2: _____ Warning message 3: _____ Warning message 4: _____ Warning message 5: _____ Warning message 6: _____

	-77= Don't know -88= Refuse to answer UNIVERSE: WARNING.AWARE=1
PUBLIC EDUCATION – HEALTH WARNINGS **[WARNING.RECOG]** *Source: new*	**PROGRAMMER: DO NOT INCLUDE A BACK BUTTON ON THIS QUESTION.** In the **past 12 months**, have you seen **HEALTH WARNINGS on marijuana <u>products or packages</u>** <u>related to any of the following health effects</u>? SELECT ALL THAT APPLY. 1= Pregnancy or breastfeeding 2= Driving or operating machinery 3= Cannabis smoke/lung health 4= Adolescents/young adults 5= Mental health (e.g., anxiety or depression) 6= Addictive/habit-forming 7= Memory and concentration 8= Delayed effects when eating/drinking cannabis 9= Mixing with alcohol or other drugs 10= Cancer 11= Stroke 12= None of the above -77= Don't know -88= Refuse to answer UNIVERSE: ALL
BRAND IMAGERY **[BRAND.RECALL]** *Source: new*	Can you name any **<u>brands or company names</u>** of marijuana products? We are interested in marijuana **brands or company names**, <u>not</u> the name of marijuana strains or types. (For example, Marlboro and Budweiser are cigarette and beer brands.) 'Purple Kush' and 'Acapulco Gold' are strains, not brand/company names. Please name <u>up to 5</u> **marijuana brands or company names** (enter one name in each box below). Brand 1: _____ Brand 2: _____ Brand 3: _____ Brand 4: _____ Brand 5: _____ I don't know any brands

	-88= Refuse to answer UNIVERSE: ALL
BRAND OWNERSHIP **[BRAND.OWNERSHIP]** NEW 2022	Some marijuana companies make clothing, hats, bags, or other things with the brand on it. Do you have a piece of clothing or other thing that has a cannabis brand name or logo on it? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL

DRIVING & CANNABIS USE

DRIVING BEHAVIOUS - SAFETY **[SAFE.DRIVE]** *Source: Canadian Cannabis Survey*	**PROGRAMMER NOTE**: RANDOMLY ASSIGN RESPONDENTS TO ANSWER ONE OF THE FOLLOWING 3 QUESTIONS: When is it safe for an average person to drive after **smoking half a joint**? When is it safe for an average person to drive after **eating a marijuana edible**? When is it safe for an average person to drive after **having four alcoholic drinks at one time**? 1= Immediately 2= After 30 minutes 3= After 1 hour 4= After 2 hours 5= After 3 hours 6= After 4 hours 7= After 5 hours 8= After 6 hours 9= After more than 6 hours -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING BEHAVIOURS - DRIVEN **[DRIVER]** *Source: CSTADS 2014, modified*	**PROGRAMMER NOTE**: DO NOT ALLOW RESPONDENTS TO GO 'BACK' TO THE LAST QUESTION (SAFE.DRIVE) Have you ever **driven a vehicle** (e.g., car, snowmobile, motor boat, or an off-road vehicle (ATV)) **within 2 hours of using marijuana**?

	1= No, never 2= Yes, in the past 30 days 3= Yes, in the past 12 months 4= Yes, more than 12 months ago -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1
DRIVING BEHAVIOURS - DRIVER'S LICENSE **[DRIVER.LICENSE]**	Did you have a valid driver's license in the past 12 months? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING BEHAVIOURS - PASSENGER **[PASSENGER]** *Source: CSTADS 2014*	Have you ever been a **passenger in a vehicle** (e.g., car, snowmobile, motor boat, or an off-road vehicle (ATV) driven by someone who had been using **marijuana in the last 2 hours**? 1= No, never 2= Yes, in the past 30 days 3= Yes, in the past 12 months 4= Yes, more than 12 months ago -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING BEHAVIOURS - PLANNED **[DRIVE.PLAN]**	Have you ever **planned ahead or decided NOT to drive** to avoid driving high? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: EVER.TRY=1
DRIVING SOCIAL NORMS – ALC STOPPED	If someone **drives after drinking alcohol,** how likely are they to be **stopped by the police**?

[DRIVING.SOC1] *Source: Modified BC Roadside Survey*	1= Extremely unlikely 2= Unlikely 3= Neither likely nor unlikely 4= Likely 5= Extremely likely -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING SOCIAL NORMS – MARIJUANA STOPPED **[DRIVING.SOC2]** *Source: Modified BC Roadside Survey*	If someone **drives after using marijuana,** how likely are they to be **stopped by the police**? 1= Extremely unlikely 2= Unlikely 3= Neither likely nor unlikely 4= Likely 5= Extremely likely -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING SOCIAL NORMS – ALC CHARGED **[DRIVING.SOC3]** *Source: Modified BC Roadside Survey*	If someone is stopped by the police after **drinking alcohol**, how likely are they to be **charged**? 1= Extremely unlikely 2= Unlikely 3= Neither likely nor unlikely 4= Likely 5= Extremely likely -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING SOCIAL NORMS – MARIJUANA CHARGED **[DRIVING.SOC4]** *Source: Modified BC Roadside Survey*	If someone is stopped by the police after **using marijuana**, how likely are they to be **charged**? 1= Extremely unlikely 2= Unlikely 3= Neither likely nor unlikely 4= Likely

	5= Extremely likely -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING SOCIAL NORMS – STOP FRIEND ALC **[DRIVING.SOC5]** *Source: New*	If a friend was **drunk** and was going to drive, would you try to stop them? 1= I wouldn't do anything 2= I would tell them not to drive, but I wouldn't try to stop them 3= I would try a little bit to stop them from driving 4= I would try very hard to stop them from driving -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING SOCIAL NORMS – STOP EXPERIENCED FRIEND MARIJUANA **[DRIVING.SOC6]** *Source: New*	If a friend was **high** and was going to drive, would you try to stop them? 1= I wouldn't do anything 2= I would tell them not to drive, but I wouldn't try to stop them 3= I would try a little bit to stop them from driving 4= I would try very hard to stop them from driving -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING SOCIAL NORMS – DIFFICULTY ALC **[DRIVING.SOC7]**	Is it easy or difficult to tell if someone has had **too much alcohol to drive safely**? 1= Very easy 2= Easy 3= Neither easy nor difficult 4= Difficult 5= Very difficult -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING SOCIAL NORMS – DIFFICULTY MARIJUANA	Is it easy or difficult to tell if someone has had **too much marijuana to drive safely**?

[DRIVING.SOC8]	1= Very easy 2= Easy 3= Neither easy nor difficult 4= Difficult 5= Very difficult -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING BEHAVIOURS – ACCIDENT ALC **[IMPAIR2]** *Source: new*	Does **driving drunk** increase the risk of getting into an accident? 1= Not at all 2= A little 3= Somewhat 4= A lot -77= Don't know -88= Refuse to answer UNIVERSE: ALL
DRIVING BEHAVIOURS – ACCIDENT **MARIJUANA** **[IMPAIR1]** *Source: new*	Does **driving high** increase the risk of getting into an accident? 1= Not at all 2= A little 3= Somewhat 4= A lot -77= Don't know -88= Refuse to answer UNIVERSE: ALL

POLYSUBSTANCE USE

OTHER DRUGS - TRY	Have you **ever** used any of the following drugs?

[DRUGS.TRY] *Source:* CSTADS modified	SELECT ALL THAT APPLY. 1= Tobacco cigarettes 2= E-cigarettes / vaped nicotine 3= Alcohol 4= Synthetic marijuana (e.g., spice, K2, K3, scene, herbal mixtures, herbal incense) 5= Amphetamines (e.g., speed, crystal meth or ice, meth) 6= MDMA (e.g., ecstasy, Molly, E, X) 7= Hallucinogens (e.g., LSD, acid, PCP, magic mushrooms or 'shrooms', mescaline, peyote) 8= Prescription pain relievers <u>to get high</u> (e.g., oxycodone, hydrocodone) 9= Other prescription medication <u>to get high</u> (e.g., Adderall, Valium) 10= Heroin (e.g., smack, dope), <u>illegal fentanyl</u>, or <u>other illegal/street opioids</u> 11= Cocaine (e.g., crack, blow, snow) 12= I have never used any of the drugs listed here -77= Don't know -88= Refuse to answer UNIVERSE: ALL
OTHER DRUGS – RECENCY **[DRUGS.LAST]** *Source:* CSTADS Modified	**PROGRAMMER NOTE:** POPULATE A TABLE WITH THE SELECTED SUBSTANCES IN [DRUGS.TRY] IN THE LEFTHAND COLUMN WITH THE RESPONSE CATEGORIES LISTED BELOW. REPEAT FOR EACH TYPE OF DRUG SELECTED IN DRUGS.TRY. When was the last time you used [**INSERT DRUG CATEGORY FROM DRUGS.TRY**]… 1= More than 12 months ago 2= Between 3 to 12 months ago 3= Between 1 to 3 months ago 4= Within the last month 5= Within the last week -77= Don't know -88= Refuse to answer UNIVERSE: DRUGS.TRY=1-11
SMOKING STATUS **[SMOKING1]** **Source:** 2017 CCHS	At the present time, do you smoke **tobacco cigarettes** every day, occasionally or not at all? 1= Daily 2= Occasionally 3= Not at all -77= Don't know -88= Refuse to answer

	UNIVERSE: DRUGS.LAST FOR TOBACCO CIGARETTES (r1) =2-5 (past 12 months)
SMOKING STATUS **[SMOKING2]**	At the present time, do you use **e-cigarettes** every day, occasionally or not at all? 1= Daily 2= Occasionally 3= Not at all -77= Don't know -88= Refuse to answer UNIVERSE: DRUGS.LAST FOR E-CIGARETTES (r2) =2-5 (past 12 months)
ALCOHOL USE **[DRINKING.FREQUENCY]** *Source: QF Approach*	During the past 12 months, how often did you usually have **any kind of beverage containing alcohol?** 1= Every day or nearly every day 2= Three or four times a week 3= Once or twice a week 4= One to three times a month 5= Seven to 11 times in the last 12 months 6= Three to six times in the last 12 months 7= Twice in the last 12 months 8= Once in the last 12 months 9= Never in the last 12 months -77= Don't know -88= Refuse to answer UNIVERSE: ALL
ALCOHOL USE **[DRINKING.AMOUNT]** *Source: QF Approach*	**PROGRAMMER NOTE**: ALLOW NUMERICAL TEXT ENTRY ONLY. DISPLAY A MESSAGE FOR ENTRIES LARGER THAN 30: "Please verify the number of drinks entered, then press Next." On those days when you had any kind of beverage containing alcohol, how many drinks did you usually have? *A drink means: 1 regular sized bottle, can, or draft of beer; 1 glass of wine; 1 bottle or can of cooler; 1 shot of liquor (rum, whiskey, etc.); or 1 mixed drink (1 shot of liquor with pop, juice, energy drink, etc.).* Enter number of drinks per day: _____ -77= Don't know -88= Refuse to answer UNIVERSE: DRINKING.FREQUENCY= 1-8
ALCOHOL USE – BINGE DRINKING **[DRINKING.BINGE]**	How often in the past 12 months, have you had [males=5/females=4/intersex=4-5] or more drinks on **one occasion**?

Source: CCHS 2018	1= Never 2= Less than once a month 3= Once a month 4= 2 to 3 times a month 5= Once a week 6= More than once a week -77= Don't know -88= Refuse to answer UNIVERSE: DRINKING.FREQUENCY=1-8
OTHER DRUGS – SIMULTANEOUS USE **[DRUGS.SIM.NY]**	**Now we'd like you to think about the PAST 30 DAYS.** **When you used marijuana during the past 30 days, did you use any other substances at the same time or within a few hours?** **SELECT ALL THAT APPLY.** 1= A tobacco or nicotine product like a cigarette, cigar, blunt, or vape 2= Alcohol 3= Cocaine 4= Heroin or illicit fentanyl 5= Methamphetamine 6= Prescription opioids either not prescribed to you or used in a way that was not directed by your doctor 7= Other drugs 8= I did not use marijuana with other substances -77= Don't know -88= Refuse to answer UNIVERSE: NEW YORK STATE RESIDENTS WITH USE.RECENT=4
OTHER DRUGS – SUBSTITUTION **[DRUGS.SUB.NY]**	**When you used marijuana during the past 30 days, did you use it to try to replace your use of any of the following substances?** **SELECT ALL THAT APPLY.** 1= A tobacco or nicotine product like a cigarette, cigar, blunt, or vape 2= Alcohol 3= Cocaine 4= Heroin or illicit fentanyl 5= Methamphetamine 6= Prescription opioids either not prescribed to you or used in a way that was not directed by your doctor

	7= Other drugs 8= I did not replace my use of other substances with marijuana -77= Don't know -88= Refuse to answer UNIVERSE: NEW YORK STATE RESIDENTS WITH USE.RECENT=4
OTHER DRUGS - MIXING **[DRUGS.MARIJUANA]**	**PROGRAMMER NOTE:** POPULATE A TABLE WITH THE SELECTED SUBSTANCES IN [DRUGS.TRY] IN THE LEFTHAND COLUMN WITH THE RESPONSE CATEGORIES LISTED BELOW. INCLUDE ALCOHOL IF DRINKING.FREQUENCY=1-8. Which substances have you used **on the same occasion with marijuana** in the past 12 months? [INSERT CHECKLIST] I have not used any of these substance on the same occasion with marijuana in the past 12 months" -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4 AND (DRUGS.TRY=1-11 or DRINKING.FREQUENCY=1-8)
ALCOHOL – MIXING **[MIX.ALC.FREQ]** **Source: Subbaraman & Kerr (2019)**	In the past year, when you used marijuana, how often did you use **alcohol** at the same time? 1= Never 2= Sometimes 3= Often 4= Every time I used marijuana -77= Don't know -88= Refuse to answer UNIVERSE: USE.RECENT=2,3,4 AND (DRUGS.TRY=3 or SELECTED ALCOHOL IN DRUGS.MARIJUANA)
SUBSTITUTION **[SUB.ALC]** *Source: adapted from Bastyr Med Cannabis Survey*	**PROGRAMMER NOTE:** FORMAT AS A GRID. If you **did not use marijuana at all**, would you use more, less, or the same amount of the following: 1. Alcohol 2. Tobacco 3. E-cigarettes/vaped nicotine

4. Prescription opioids or pain medication
5. Other prescription drugs
6. Over-the-counter drugs (drugs that don't need a prescription)
7. Illegal opioids (heroin, fentanyl)
8. Other recreational drugs

1= Use less
2= Use more
3= No difference, would use the same amount
4= Not applicable / I do not use this
-77= Don't know
-88= Refuse to answer

UNIVERSE: USE.RECENT=2,3,4

POLICY SUPPORT

POLICY SUPPORT – SALES LOCATIONS [POLICY.SALES]	In your opinion, should recreational (non-medical) marijuana be sold… 1= Only in government stores 2= Only in private (non-government) stores 3= In a mix of private and government stores -77= Don't know -88 = Refuse to answer UNIVERSE: ALL
POLICY SUPPORT - LEGALIZATION [POLICY.LEGAL]	Should the use of recreational (non-medical) marijuana be… 1= Legal 2= Illegal -77= Don't know -88 = Refuse to answer UNIVERSE: ALL
POLICY SUPPORT – STATE/PROVINCE [POLICY.STATE] NEW 2022	Recreational (non-medical, adult use) marijuana is legal in some states, but remains illegal at the **federal level** in the U.S. Do you support or oppose **federal legalization** in the U.S.? 1= Support 2= Neutral 3= Oppose

	-77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=2 (US)
POLICY SUPPORT – STORES **[POLICY.STORE]**	Do you feel the number of marijuana stores in your community is… 1= Too low 2= About right 3= Too high -77= Don't know -88 = Refuse to answer UNIVERSE: ALL
POLICY SUPPORT – HEALTH WARNINGS **[POLICY.WARNING]**	Do you support or oppose government health warnings on marijuana products? 1= Support 2= Neutral 3= Oppose -77= Don't know -88= Refuse to answer UNIVERSE: ALL
POLICY SUPPORT – STORE WINDOWS **[POLICY.WINDOWS]** NEW 2022	Some [provinces/states] require that marijuana stores cover their windows so people can't see in from the outside. Do you support or oppose rules that store windows should be covered? 1= Support 2= Neutral 3= Oppose -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=1 AND ALL LEGAL/MEDICAL STATES (ALL STATES **EXCEPT** STATE.US=10,12,14,15,16,17,27,33,40,42,43,49,50)
POLICY SUPPORT – ADVERTISING **[POLICY.ADVERT]** NEW 2022	Please think about the amount of marijuana advertising in the [province/state] where you live. Do you think… 1= <u>Less advertising</u> should be allowed 2= Amount of advertising is <u>about right</u> 3= <u>More advertising</u> should be allowed -77= Don't know

	-88= Refuse to answer UNIVERSE: COUNTRY =1 ALL LEGAL/MEDICAL STATES (ALL STATES **EXCEPT** STATE.US=10,12,14,15,16,17,27,33,40,42,43,49,50)
POLICY SUPPORT – EDIBLES **[POLICY.EDIBLE]** NEW 2022	In Canada, packages of marijuana edibles can include a maximum of 10mg of THC? Do you support or oppose the THC limit on edibles? 1= Support 2= Neutral 3= Oppose -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY =1
POLICY SUPPORT – THC CAPS **[POLICY.THCCAPS]** NEW 2022	Some provinces don't allow vaping products or extracts that have THC levels above 30%. Do you support or oppose a THC limit on vaping products and extracts? 1= Support 2= Neutral 3= Oppose -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY =1
POLICY SUPPORT – THC CAPS **[POLICY.THCCAPS1]** NEW 2022	Some states don't allow marijuana extracts that have THC levels above 60%. Do you support or oppose a THC limit on marijuana extracts? 1= Support 2= Neutral 3= Oppose -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY =2 ALL LEGAL/MEDICAL STATES (ALL STATES **EXCEPT** STATE.US=10,12,14,15,16,17,27,33,40,42,43,49,50)
POLICY SUPPORT – PERSONAL LIMIT	In Canada, there is a limit on how much marijuana people can buy from legal stores.

[POLICY.PERSONAL] NEW 2022	For example, people can only buy 30 grams of dried herb per visit. Have you heard of this limit? 1 = Yes 2 = No -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY =1
POLICY SUPPORT – PERSONAL LIMIT [POLICY.PERSONAL2] NEW 2022	Has the limit of 30 grams per person made you more or less likely to buy marijuana from legal stores? 1 = Less likely to buy from legal stores 2 = No difference 3= More likely to buy from legal stores -77= Don't know -88= Refuse to answer UNIVERSE: POLICY.PERSONAL=1 AND HERB.PURCHASE=1

EXPERIMENTAL QUESTIONS

[PROGRAMMER: cut all previous questions in this section]

ADDITIONAL SOCIODEMOGRAPHIC QUESTIONS

INFO SCREEN - SOCIODEMOGRAPHICS	We would like to ask you a few final questions about yourself before we finish. As a reminder, your identity will be kept strictly confidential.
DATA QUALITY CHECK –MONTH [DQ_MONTH]	What is the current month? 1= January 2= February 3= March 4= April 5= May 6= June

	7= July 8= August 9= September 10= October 11= November 12= December UNIVERSE: ALL
ETHNICITY CANADA **[ETHNICITY.CAN]** **Source:** https://www.ontario.ca/document/dat a-standards-identification-and- monitoring-systemic-racism/collection- personal-information#section-8	In our society, people are often described by their race or racial background. For example, some people are considered "White" or "Black" or "East/Southeast Asian," etc. Which **race category** best describes you? SELECT ALL THAT APPLY. | Race categories	For example…
1= Black	African, Afro-Caribbean, African-Canadian descent
2= East/Southeast Asian	Chinese, Korean, Japanese, Taiwanese descent; Filipino, Vietnamese, Cambodian, Thai, Indonesian, other Southeast Asian descent
3= Indigenous	First Nations, Métis, Inuit descent
4= Latino	Latin American, Hispanic descent
5= Middle Eastern	Arab, Persian, West Asian descent, e.g. Afghan, Egyptian, Iranian, Lebanese, Turkish, Kurdish, etc.
6= South Asian	South Asian descent, e.g. East Indian, Pakistani, Bangladeshi, Sri Lankan, Indo-Caribbean, etc.
7= White	European descent
8= Other (please specify):_____	| -77= Don't know -88 = Refuse to answer UNIVERSE: COUNTRY=1 (CANADA)

ETHNICITY USA - HISPANIC [HISPANIC.USA]
 	
Source: NHANES (formatting and preamble adapted)
	Do you consider yourself to be **Hispanic, Latino, or of Spanish origin**?
	
	Spanish, Hispanic or Latino people may be of any race. If you are not sure, please see the list of Hispanic or Latino categories below.
	
	1= Yes
	2= No
	-77= Don't know
	-88 = Refuse to answer
	
	Hispanic or Latino categories/countries:
	    ▪ Mexican
	    ▪ Puerto Rican
	    ▪ Cuban
	    ▪ Dominican Republic
	    ▪ Central American: Costa Rican, Guatemalan, Honduran, Nicaraguan, Panamanian, Salvadoran, Other Central American
	    ▪ South American: Argentinean, Bolivian, Chilean, Colombian, Ecuadorian, Paraguayan, Peruvian, Uruguayan, Venezuelan, Other South American
	    ▪ Other Hispanic or Latino: Spaniard, Spanish, Spanish American
	
	UNIVERSE: COUNTRY=2 (USA)

ETHNICITY USA [ETHNICITY.USA] *Source: NHANES (preamble added)*	People living in the United States come from many different cultural and racial backgrounds. What race do you consider yourself to be? SELECT ALL THAT APPLY. 1= American Indian or Alaskan Native 2= Asian 3= Black or African American 4= Native Hawaiian or Pacific Islander 5= White 6= Other:_____ -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=2 (USA)

ETHNICITY (LANGUAGE) AUSTRALIA [ETHNICITY.AUS1] **Source: ITC**	Do you speak a language other than English in the home? 1= Yes, most of the time 2= Yes, but only from time to time 3= No, only English -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=AUSTRALIA
ETHNICITY (LANGUAGE) AUSTRALIA [ETHNICITY.AUS1oe] **Source: ITC**	What other language, other than English, do you speak in the home? [open-ended] -77= Don't know -88= Refuse to answer UNIVERSE: ETHNICITY.AUS=1 OR 2
ETHNICITY AUSTRALIA [COUNTRY.AUS] SOURCE: NDSHS	In which country were you born? 1= Australia 2= China 3= Germany 4= Greece 5= Hong Kong 6= India 7= Ireland (Republic of) 8= Italy 9= Lebanon 10= Malaysia 11= Malta 12= Netherlands 13= New Zealand 14= Philippines 15= Poland 16= South Africa 17= Turkey 18= United Kingdom (England, Scotland, Wales, Northern Ireland) 19= USA 20= Vietnam

	21= Yugoslavia (The former) 22= Other -77= Don't know -88= Refuse to answer UNIVERSE: AUSTRALIA
ETHNICITY (LANGUAGE) AUSTRALIA [ETHNICITY.AUS2] **Source: ITC**	Are you of Aboriginal or Torres Strait Islander background? 1= No 2= Yes, Aboriginal. 3= Yes, Torres Strait Islander 4= Yes, both Aboriginal and Torres Strait Islander -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=AUSTRALIA
ETHNICITY NEW ZEALAND [ETHNICITY.NZ] **Source: Stats NZ**	Which ethnic group do you belong to? SELECT ALL THAT APPLY. 1= Māori 2= NZ European/Pākehā 3= Pacific People 4= Asian 5= Indian 6= Middle Eastern/Latin American/African7= Other (please specify) _____ -77=Don't know -88=Refuse to answer UNIVERSE: COUNTRY=NEW ZEALAND
RACISM [RACISM]	Have you ever personally experienced discrimination or been treated unfairly because of your race or ethnicity? 1= Yes, regularly 2= Yes, from time to time 3= Yes, but only one time/rarely 4= No -77=Don't know -88=Refuse to answer UNIVERSE=ALL

EDUCATION LEVEL [EDUCATION.CANADA] *Source: New; partially adapted from NHANES*	What is the highest level of formal education that you have <u>completed</u>? 1= Grade 9 or less / section III 2= Grade 10 / section IV 3= Grade 11 / section V 4= Grade 12 or 13, <u>NO diploma</u> 5= High school diploma or equivalent 6= Some college or technical/vocational training, <u>NO certificate</u> 7= Trade certificate or diploma from a technical/vocational school or apprenticeship training 8= Diploma or certificate from college or CEGEP (other than trade certificates or diplomas) 9= Some university, or university certificate/diploma below the bachelor's level 10= Bachelor's degree (e.g., BA, BSc, BASc) 11= Master's degree (e.g., MA, MSc, MEng, MEd, MBA) 12= Professional school degree (e.g., MD, DDS, DVM, LLB) 13= Doctoral degree (e.g., PhD, EdD) 14= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=1 (CANADA)
EDUCATION LEVEL [EDUCATION.USA] *Source: NHANES response options*	What is the highest level of formal education that you have completed? 1= 9th grade or less 2= 10th grade 3= 11th grade 4= 12th grade, <u>no diploma</u> 5= High school graduate 6= GED or equivalent 7= Some college, no degree 8= Associate degree: occupational, technical, or vocational program 9= Associate degree: academic program 10= Bachelor's degree (e.g., BA, AB, BS, BBA) 11= Master's degree (e.g., MA, MS, MEng, MEd, MBA) 12= Professional school degree (e.g., MD, DDS, DVM, JD) 13= Doctoral degree (e.g., PhD, EdD) -77= Don't know -88= Refuse to answer

EDUCATION LEVEL **[EDUCATION.AUS]** **Source: ITC**	What is the highest level of formal education that you have completed? 1= Year 9 or less 2= Year 10 or equivalent 3= Year 11 or equivalent 4= Year 12 or equivalent 5= Certificate 1 or Certificate II 6= Certificate III or Certificate IV 7= Associate Diploma 8= Undergraduate Diploma 9= Bachelor Degree 10= Master's Degree, Postgraduate Degree or Postgraduate Diploma 22= Doctorate -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=AUSTRALIA
EDUCATION LEVEL **[EDUCATION.NZ]** **Source: ITC**	What is your highest level of education? 1= None 2= Primary/intermediate 3= High school 4= Polytech/technical/trade school 5= University (includes bachelor's, masters, PhD) 6= Other (please specify) _____ -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=NEW ZEALAND
GENERAL HEALTH **[GEN.HEALTH]** *Source: CCHS*	In general, would you say your health is...? 1= Excellent 2=Very good 3= Good 4= Fair

	5= Poor -77= Don't know -88= Refuse to answer UNIVERSE: ALL
MENTAL HEALTH - GENERAL **[GEN.MENTAL]** *Source: Patient Health Questionnaire(PHQ-2) and Generalized Anxiety Disorder 2-item (GAD-2)*	Over the last 2 weeks, how often have you been bothered by the following problems? 1. Little interest or pleasure in doing things 2. Feeling down, depressed or hopeless 3. Feeling nervous, anxious or on edge 4. Not being able to stop or control worrying 0= Not at all 1=Several days 2= More than half the days 3= Nearly every day -77= Don't know -88= Refuse to answer UNIVERSE: ALL
MENTAL HEALTH - HISTORY **[MENTAL.EVER]** *Source: CCHS modified*	Do you have a **family history** of mental health problems related to any of the following? SELECT ALL THAT APPLY. 1= Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder) 2= Depression (including dysthymia) 3= Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss) 4= Bipolar disorder, mania, or borderline personality disorder 5= Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear) or Dissociative Identity Disorder 6= Schizophrenia 7= Alcohol or other drug use 8= Eating disorder 9= ADD/ADHD 10= Autism spectrum disorder (including Asperger's) 11= Cannabis use disorder 12= Other significant emotional or mental health problem (please specify):_____ 13= Nobody in my family has experienced significant emotional or mental health problems. -77= Don't know -88= Refuse to answer

	UNIVERSE: ALL
MENTAL HEALTH - DIAGNOSIS **[MENTAL.DIAGNOSIS]**	Have you ever been **diagnosed** with any of the following? SELECT ALL THAT APPLY. 1= Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder) 2= Depression (including or dysthymia) 3= Post-traumatic stress disorder (PTSD) 4= Bipolar disorder or mania, or borderline personality disorder 5= Psychotic disorder (including schizophrenia or Dissociative Identity Disorder) 6= Substance use disorder 7= Eating disorder 8= ADD/ADHD 9= Autism spectrum disorder (including Asperger's) 10= Cannabis use disorder 11= Other significant emotional or mental health problem (please specify):_____ 12= I have never received a mental health diagnosis -77= Don't know -88= Refuse to answer UNIVERSE: ALL
MENTAL HEALTH - RECENT **[MENTAL.12MON]** *Note: "No, I have not experienced…"* *option added late afternoon on Aug 29* *(survey launched Aug 27/18).*	Have you experienced any of the following mental health problems in the **past 12 months**? SELECT ALL THAT APPLY. 1= Anxiety (including phobia, obsessive-compulsive disorder or a panic disorder) 2= Depression (including dysthymia) 3= Post-traumatic stress disorder (PTSD) or traumatic event (e.g., abuse or loss) 4= Bipolar disorder, mania, or borderline personality disorder 5= Psychosis (e.g., paranoia, disorganized thinking, hearing voices that others can't hear) or Dissociative Identity Disorder 6= Schizophrenia 7= Alcohol or other drug use 8= Eating disorder 9= ADD/ADHD 10= Autism spectrum disorder (including Asperger's)

	11= Cannabis use disorder 12= No, I have not experienced these mental health problems in the past 12 months -77= Don't know -88= Refuse to answer UNIVERSE: ALL
HISTORY OF CONVICTION **[CONVICT1]**	Have you ever been **arrested** for any of the following cannabis offences…? SELECT ALL THAT APPLY. 1= Cannabis possession 2= Cannabis trafficking, cultivation or importation 3= Cannabis-impaired driving -77= Don't know -88= Refuse to answer 0=Unselected 1=Selected UNIVERSE: ALL
HISTORY OF CONVICTION **[CONVICT2a]**	Did the arrest for **cannabis possession** result in a criminal conviction? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: CONVICT1=1 (POSSESSION)
HISTORY OF CONVICTION **[CONVICT2b]**	Did the arrest for **cannabis trafficking, cultivation or importation** result in a criminal conviction? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: CONVICT1=2 (TRAFFICKING). NOTE, IF THEY SELECTED BOTH 1 AND 2 FOR CONVICT1, THEY WILL SEE BOTH CONVICT 2A and 2B.
HISTORY OF CONVICTION **[CONVICT2c]**	Did the arrest for **cannabis-impaired driving** result in a criminal conviction? 1= Yes

	2= No -77= Don't know -88= Refuse to answer UNIVERSE: CONVICT1=3 (IMPAIRED DRIVING)
HISTORY OF CONVICTION **[CONVICT.YEAR1]**	What <u>year</u> did the arrest for <u>**cannabis possession**</u> take place? If you were arrested for cannabis possession more than once, please enter the year of the most recent arrest. ENTER YEAR:_____ [numeric text box; allow 4 digits] UNIVERSE: CONVICT1=1. PROGRAMMER: DO NOT ALLOW YEARS BEFORE RESPONDENT'S BIRTH YEAR.
HISTORY OF CONVICTION **[CONVICT.YEAR2]**	What <u>year</u> did the arrest for <u>**cannabis trafficking, cultivation or importation**</u> take place? If you were arrested for cannabis trafficking, cultivation or importation more than once, please enter the year of the most recent arrest. ENTER YEAR:_____ [numeric text box; allow 4 digits] UNIVERSE: CONVICT1=2. PROGRAMMER: DO NOT ALLOW YEARS BEFORE RESPONDENT'S BIRTH YEAR.
HISTORY OF CONVICTION **[CONVICT.YEAR3]**	What <u>year</u> did the arrest for <u>**cannabis-impaired driving**</u> take place? If you were arrested for cannabis-impaired driving more than once, please enter the year of the most recent arrest. ENTER YEAR:_____ [numeric text box; allow 4 digits] UNIVERSE: CONVICT1=3. PROGRAMMER: DO NOT ALLOW YEARS BEFORE RESPONDENT'S BIRTH YEAR.
RECORD EXPUNGEMENT **[CONVICT.EXPUNGEMENT]** NEW 2022	As part of marijuana legalization some authorities have said they will 'pardon' cannabis convictions (some authorities have said they will seal records or expunge records). Has your cannabis conviction been removed, or have you asked or requested that it be removed? 1= No, I have <u>not</u> asked or requested 2= No, but I <u>have</u> asked/requested

	3 = Yes -77 = Don't know -88= Refuse to answer UNIVERSE: CONVICT2A=1 AND (CANADA OR US LEGAL STATE) (ONLY THOSE WITH A CONVICTION FOR POSSESSION IN CANADA OR STATES WHERE ADULT USE IS LEGAL)
HISTORY OF CONVICTION **[CONVICT2c]**	Did the arrest for **cannabis-impaired driving** result in a criminal conviction? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: CONVICT1=3 (IMPAIRED DRIVING)
PREGANCY **[PREGNANCY]** Source: CCHS	Are you currently pregnant? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: SEX.BIRTH =1 (female)
BREASTFEEDING **[BREASTFEEDING]**	Are you currently breastfeeding? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: SEX.BIRTH =1 (female)
CHILDREN - ANY **[CHILDREN.ANY]** Source: Canada Food Study	How many children do you have (including step, foster, or adopted children)? [Insert drop-down list: [0, 1, 2, 3…up to 10, More than 10] -77=Don't know -88=Refuse to answer UNIVERSE: ALL

HOUSEHOLD COMPOSITION [HOUSEHOLD]	What is your current living situation? **I live with…** SELECT ALL THAT APPLY 1= My parent(s)/guardian(s) 2= Roommate(s) (including other adult friends or relatives) 3= My partner/spouse/romantic partner 4= Children - 17 years and under 5= Children - 18 years or older 6= I live in a residence at school, university or college 7= I live alone 8= Other (please specify):_____ -77= Don't know -88= Refuse to answer UNIVERSE: ALL
CHILDREN [PARENT.TEEN]	Are any of the children in your household aged 13-17 years old? 1= Yes 2= No -77= Don't know -88= Refuse to answer UNIVERSE: CHILDREN.ANY>0 and HOUSEHOLD=4 AND STATE.US=13
MULTI-UNIT HOUSING [HOUSE1] **Source: adapted from CAMH Monitor**	Which of the following best describes where you live? [**PROGRAMMER**: ADD THE FOLLOWING TEXT IF STUDENT=1 (YES)]: If you live in student housing, please choose the option that best describes where you live. For example, if you share a detached home with other students, please select 'detached, single family home'. If you live in a dorm, select 'shared accommodation'. 1= A detached, single family home 2= An attached house (e.g., townhouse, semi-detached house) 3= A multiple unit building (e.g., apartment building, condominium apartment, duplex) 4= Shared accommodation (e.g., rooming house, residence/dorm or retirement home) -77= Don't know -88= Refuse to answer UNIVERSE: ALL
MULTI-UNIT HOUSING [HOUSE2]	In the **past 6 months,** have you noticed any **marijuana smoke** entering your home from a neighbouring unit or from outside your building?

Source: adapted from CAMH Monitor	1= Never 2= A least once in the past 6 months 3= A least once in the past 3 months 4= At least once a month 5= At least once a week 6= Every day -77= Don't know -88= Refuse to answer UNIVERSE: HOUSE1=2,3,4
INCOME **[SES]** *Source: adapted from National Cannabis Survey*	What was your **total household income** (before taxes) over the past 12 months? 1= Less than $20,000 2= $20,000 to less than $30,000 3= $30,000 to less than $40,000 4= $40,000 to less than $50,000 5= $50,000 to less than $60,000 6= $60,000 to less than $70,000 7= $70,000 to less than $80,000 8= $80,000 to less than $90,000 9= $90,000 to less than $100,000 10= More than $100,000 -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=CANADA OR USA
INCOME **[SES.AUS]** **Source: NDSHS 2019**	Which of the following groups would represent your personal annual income, before tax, from all sources? 1=$156,000 or more ($3,000 or more/week) 2= $104,000 – $155,999 ($2,000 – $2,999/week) 3= $91,000 – $103,999 ($1,750 – $1,999/week) 4= $78,000 – $90,999 ($1,500 – $1,749/week) 5= $65,000 – $77,999 ($1,250 – $1,499/week) 6= $52,000 – $64,999 ($1,000 – $1,249/week) 7= $41,600 – $51,999 ($800 – $999/week) 8= $33,800 – $41,599 ($650 – $799/week) 9= $26,000 – $33,799 ($500 – $649/week) 10= $20,800 – $25,999 ($400 – $499/week) 11= $15,600 – $20,799 ($300 – $399/week)

	12= $7,800 – $15,599 ($150 – $299/week) 13= $1 – $7,799 ($1 – $149/week) 14= Nil Income 15= Negative Income -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=AUSTRALIA
INCOME **[SES.NZ]** **Source: ITC**	What is the total income that your HOUSEHOLD got from all sources, before tax or anything was taken out of it, in the last 12 months? 1= Loss 2= Zero income 3= $1 – $20,000 (i.e. after-tax weekly income of up to $335) 4= $20,001 – $30,000 (i.e. after-tax weekly income of $336 to $493) 5= $30,001 – $50,000 (i.e. after-tax weekly income of $494 to $805) 6= $50,001 – $70,000 (i.e. after-tax weekly income of $806 to $1,074) 7= $70,001 – $100,000 (i.e. after-tax weekly income of $1,075 to $1,459) 8= $100,001 or more (i.e. after-tax weekly income of $1,460 or more) -77= Don't know -88= Refuse to answer UNIVERSE: COUNTRY=NEW ZEALAND
INCOME ADEQUACY **[INCOME.ADEQ]** *Source: CFS. Adapted from Survey of Health, Ageing, and Retirement in Europe (see Litwin & Sapir, 2009)*	Thinking about your family's income, how difficult or easy is it to make ends meet? 'Making ends meet' means having enough money to pay for the things your family needs. [PROGRAMMER: smaller font] 1= Very difficult 2= Difficult 3= Neither easy nor difficult 4= Easy 5= Very easy -77= Don't know -88=Refuse to answer UNIVERSE: ALL
HOME LOCATION **[POSTAL.CODE]**	**PROGRAMMER NOTE:** REQUIRE THE CORRECT FIELDS FOR ENTRY: IN CANADA: LETTER, NUMBER, LETTER (6 DIGITS). IN USA: NUMBERS ONLY (5 or 5+4 DIGITS). We would like to ask for your [CAN/AUS/NZ=postal code / US=zip code]. We will only use this information to determine how close you live to marijuana stores and the characteristics of your neighborhood.

	Once we calculate this information, we will **permanently delete your [Canada/AUS/NZ=postal code/US=zip code] from all of our files**.
	Your information will not be shared with any other group and it will always be kept strictly confidential. This is not-for-profit research and we won't share your data with any company or advertiser.
	Please provide the [CAN/AUS/NZ=postal code / US=zip code] where you live for most of the year.
	CAN, AUS, NZ: Postal code (No spaces): __ __ __ __ __ __ (PROGRAMMER NOTE: Aus/NZ format is 4 numeric digits) US: Zip code: __ __ __ __ __
	-77= Don't know -88= Refuse to answer
	UNIVERSE: ALL
HOME LOCATION [INTERSECTION] *Source: BRFSS*	We understand your decision. Instead of providing your [CAN=postal code / US=zip code], would you feel comfortable telling us the nearest intersection to your home?
	Please name the 2 cross-streets of this intersection.
	First street name _____
	Second street name_____
	-77= Don't know -88= Refuse to answer
	UNIVERSE: POSTAL.CODE= -77 OR -88

GENDER **[SEX.GENDER]** *Source: CHHS*	How would you describe your gender today? (Select one). 1= Woman 2= Man 3= Other: _____ -77= Don't know -88= Refuse to answer UNIVERSE: ALL
GENDER **[SEX.GENDER.NZa]**	Are you… 1=Male 2=Female 3=Gender diverse -77= Don't know -88= Refuse to answer UNIVERSE: NZ
GENDER **[SEX.GENDER.NZb]**	Ok. Are you… 1= Gender diverse not further defined 2= Transgender male to female 3= Transgender female to male 4= Gender diverse not elsewhere classified -77= Don't know -88= Refuse to answer UNIVERSE: SEX.GENDER.NZa=3
SEXUALITY **[SEXUALITY]** *Source: NHANES*	Do you identify as: 1= Heterosexual/straight 2= Homosexual/gay or lesbian 3= Bisexual (attracted to men and women)

	4= Other: _____ -77= Don't know -88= Refuse to answer UNIVERSE: ALL
HONESTY **[HONESTY]**	One last question: Were you able to provide 'honest' answers about your marijuana use during the survey? 1= No 2= For some questions, but not all 3= Yes, for all questions UNIVERSE: ALL

END SCREEN/FEEDBACK

END *Source: ORE Sample Online Survey Response Template*	**Thank you!** This study has been reviewed and received ethics clearance through a University of Waterloo Research Ethics Committee (ORE #/31330). If you have questions for the Committee contact the Office of Research Ethics, at 1-519-888-4567 ext. 36005 or ore-ceo@uwaterloo.ca.

	For all other questions or if you have general comments or questions related to this study, or if you would are interested in receiving a copy of the results, please contact the principal investigator, Professor David Hammond, School of Public Health Sciences, at david.hammond@uwaterloo.ca.