

Cannabis Use Survey

Hello. Thank you very much for taking this survey. It should take about 10 minutes. You do not need to be a cannabis user to fill it out.

This survey and the resulting analyses are funded by the Washington State Liquor and Cannabis Board (LCB), and we thank you for your time and honesty. The researchers working with LCB selected PsychData.com to host the survey and will NOT collect IP addresses or any other personally identifiable information about you. Your answers will be anonymous. We kindly ask that you only fill this survey out once. Please do not complete this survey if you are under 18 years old.

If you have any questions, please email us at info@420survey.org. We'll do our best to respond within a day.

Thanks!

Let's get started.

We're going to start with a few background questions about your cannabis use. Throughout this survey, we will use the word "cannabis" to refer to marijuana, hashish, hash oil, edibles, vapes, dabs, etc.

Note: If you are taking this survey on a mobile device, some parts of the survey may appear small on your screen. You can zoom in on the page by pinching out and zoom out by pinching in or double-tapping the screen as you would with a photo.

* Do you currently live in Washington?

- ☐ Yes [Value=1]
- ☐ No [Value=2]

Question Logic

If **[Yes]** is selected, then skip to question **[#3]**

If **[No]** is selected, then skip to question **[No logic applied]**

Page Break

In which state or territory do you live? If you live outside the U.S., please provide the country below.

--Select-- ▼

- Alabama [Value=1]
- Alaska [Value=2]
- American Samoa [Value=3]
- Arizona [Value=4]
- Arkansas [Value=5]
- California [Value=6]
- Colorado [Value=7]
- Connecticut [Value=8]
- Delaware [Value=9]
- District of Columbia [Value=10]
- Florida [Value=11]
- Georgia [Value=12]
- Guam [Value=13]
- Hawaii [Value=14]
- Idaho [Value=15]
- Illinois [Value=16]
- Indiana [Value=17]
- Iowa [Value=18]
- Kansas [Value=19]
- Kentucky [Value=20]
- Louisiana [Value=21]
- Maine [Value=22]
- Maryland [Value=23]
- Massachusetts [Value=24]
- Michigan [Value=25]
- Minnesota [Value=26]
- Mississippi [Value=27]
- Missouri [Value=28]
- Montana [Value=29]
- Nebraska [Value=30]
- Nevada [Value=31]
- New Hampshire [Value=32]
- New Jersey [Value=33]
- New Mexico [Value=34]
- New York [Value=35]
- North Carolina [Value=36]
- North Dakota [Value=37]
- Northern Mariana Islands [Value=38]
- Ohio [Value=39]
- Oklahoma [Value=40]
- Oregon [Value=41]
- Pennsylvania [Value=42]
- Puerto Rico [Value=43]

- Rhode Island [Value=44]
- South Carolina [Value=45]
- South Dakota [Value=46]
- Tennessee [Value=47]
- Texas [Value=48]
- U.S. Virgin Islands [Value=49]
- Utah [Value=50]
- Vermont [Value=51]
- Virginia [Value=52]
- Washington [Value=53]
- West Virginia [Value=54]
- Wisconsin [Value=55]
- Wyoming [Value=56]
- Other (please specify) [Value=57]

Other:

age

How old are you?

- ☐ 18-20 [Value=1]
- ☐ 21-25 [Value=2]
- ☐ 26-29 [Value=3]
- ☐ 30-34 [Value=4]
- ☐ 35-49 [Value=5]
- ☐ 50-64 [Value=6]
- ☐ 65 years or older [Value=7]
- ☐ Decline to state [Value=8]

gender

What is your gender?

- ☐ Male [Value=1]
- ☐ Female [Value=2]
- ☐ Other (please specify) [Value=4]

init_mj

* When did you first use cannabis?

- ☐ I have never used cannabis [Value=1]
- ☐ Less than a year ago [Value=2]
- ☐ 1-4 years ago [Value=3]
- ☐ 5-9 years ago [Value=4]
- ☐ 10-15 years ago [Value=5]
- ☐ 16-25 years ago [Value=6]
- ☐ More than 25 years ago [Value=7]

Question Logic

If [I have never used cannabis...] is selected, then skip to question [after #73, Text] (See "Edit Logic" for details)

If [Less than a year ago] is selected, then skip to question [No logic applied]

If [1-4 years ago] is selected, then skip to question [No logic applied]

If [5-9 years ago] is selected, then skip to question [No logic applied]

If [10-15 years ago] is selected, then skip to question [No logic applied]

If [16-25 years ago] is selected, then skip to question [No logic applied]

If [More than 25 years ago] is selected, then skip to question [No logic applied]

Page Break

med_mj

Do you have a recommendation from a healthcare professional to use cannabis for medicinal purposes?

- ☐ Yes [Value=1]
- ☐ Not now, but have had one in the past [Value=2]
- ☐ I'd like one but they are not offered in my state [Value=4]
- ☐ Never had one [Value=3]

pm_mj

* Did you use cannabis in the past 30 days?

- ☐ Yes [Value=1]
- ☐ No [Value=2]
- ☐ Don't know [Value=3]

Question LogicIf **[Yes]** is selected, then skip to question **[#8]**If **[No]** is selected, then skip to question **[after #73, Text]** (See "Edit Logic" for details)If **[Don't know]** is selected, then skip to question **[after #73, Text]** (See "Edit Logic" for details)

Page Break

pm_days

On how many days in the past 30 did you use cannabis?

--Select-- ▼

- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- 6 [Value=6]
- 7 [Value=7]
- 8 [Value=8]
- 9 [Value=9]
- 10 [Value=10]
- 11 [Value=11]
- 12 [Value=12]
- 13 [Value=13]
- 14 [Value=14]
- 15 [Value=15]
- 16 [Value=16]
- 17 [Value=17]
- 18 [Value=18]
- 19 [Value=19]
- 20 [Value=20]
- 21 [Value=21]
- 22 [Value=22]
- 23 [Value=23]
- 24 [Value=24]
- 25 [Value=25]
- 26 [Value=26]
- 27 [Value=27]
- 28 [Value=28]
- 29 [Value=29]
- 30 [Value=30]
- Don't know [Value=31]

There are a variety of ways to consume cannabis. Please check all of those you have used in the **past year**:

mj_py

☐ I have not used cannabis in the past year [Checked=1]

py_bud

☐ Dried bud / Flower / Leaf (Marijuana) [Checked=1]

py_hashresin

☐ Hashish (resin) [Checked=1]

py_disposvape

☐ Disposable vape pen [Checked=1]

py_oilnondisposevape

☐ Oil cartridges for non-disposable vape pens [Checked=1]

py_oilnonvape

☐ Oil, but not in a vape pen [Checked=1]

py_hashoil

☐ Dabs / Wax / Budder / Shatter [Checked=1]

py_edibles

☐ Solid edibles (e.g., brownies or candy) [Checked=1]

py_beve

☐ Teas or other beverages [Checked=1]

py_lotion

☐ Lotion / Salve / Balm / Spray [Checked=1]

py_kif

☐ Keif / Kif / Kief [Checked=1]

py_other

☐ Other (please specify) [Checked=1]

py_other_free

pwk_mj

* Did you use cannabis in the **past 7** days?

- ☐ Yes [Value=1]
- ☐ No [Value=2]
- ☐ Don't know [Value=3]

Question LogicIf **[Yes]** is selected, then skip to question **[No logic applied]**If **[No]** is selected, then skip to question **[#16]**If **[Don't know]** is selected, then skip to question **[#16]**

Page Break

Now we'd like to ask some questions to help us estimate the amount and expense of cannabis products you consumed recently.

Which form(s) of cannabis did you use in the **past 7** days? Please check all that apply.

pwk_bud

☒ Dried buds / Flowers / Leaf (Marijuana) [Checked=1]

pwk_hashresin

☒ Hashish (resin) [Checked=1]

pwk_disposvape

☒ Disposable vape pen [Checked=1]

pwk_oilnondisposvape

☒ Oil cartridges for non-disposable vape pens [Checked=1]

pwk_oilnonvape

☐ Oil, but not in a vape pen [Checked=1]

pwk_hashoil

☐ Dabs / Wax / Budder / Shatter [Checked=1]

pwk_edibles

☐ Edibles (e.g., brownies or candy) [Checked=1]

pwk_bev

☐ Teas or other beverages [Checked=1]

pwk_lotion

☐ Lotion / Salve / Balm / Spray [Checked=1]

pwk_kif

☐ Keif / Kif / Kief [Checked=1]

pwk_dk

☐ Don't know [Checked=1]

pwk_other

☐ Other (please specify) [Checked=1]

pwk_other_free

How much did you spend on cannabis products in total in the **past 7** days?

--Select-- ▼

- I didn't buy cannabis in the past 7 days [Value=1]

- Less than \$5.00 [Value=2]

- \$5.00 to \$10.99 [Value=3]

- \$11.00 to \$20.99 [Value=4]

- \$21.00 to \$50.99 [Value=5]

- \$21.00 to \$30.99 [Value=6]

- \$31.00 to \$40.99 [Value=7]

- \$41.00 to \$50.99 [Value=8]

- \$51.00 to \$60.99 [Value=9]

- \$61.00 to \$70.99 [Value=10]

- \$71.00 to \$80.99 [Value=11]

- \$81.00 to \$90.99 [Value=12]

- \$91.00 to \$100.99 [Value=13]

- \$101.00 to \$150.99 [Value=14]

- \$101.00 to \$110.99 [Value=15]

- \$111.00 to \$120.99 [Value=16]

- \$121.00 to \$130.99 [Value=17]

- \$131.00 to \$140.99 [Value=18]

- \$141.00 to \$150.99 [Value=19]

- \$151.00 to \$200.99 [Value=20]

- \$201.00 to \$250.99 [Value=21]

- \$251.00 to \$300.99 [Value=22]

- \$301.00 to \$500.99 [Value=23]

- \$301.00 to \$350.99 [Value=24]

- \$351.00 to \$400.99 [Value=25]

- \$401.00 to \$450.99 [Value=26]

- \$451.00 to \$500.99 [Value=27]

- \$501.00 to \$550.99 [Value=28]

- \$551.00 to \$600.99 [Value=29]

- \$601.00 to \$650.99 [Value=30]

- \$651.00 to \$700.99 [Value=31]

- \$701.00 to \$750.99 [Value=32]

- \$751.00 to \$800.99 [Value=33]

- \$801.00 to \$850.99 [Value=34]

- \$851.00 to \$900.99 [Value=35]

- \$901.00 to \$950.99 [Value=36]

- \$951.00 to \$1000.99 [Value=37]

- More than \$1000.99 [Value=38]

How does that amount compare to your typical purchase?

☐ It's near my weekly average [Value=1]

☐ Less than average [Value=2]

☐ More than average [Value=3]

☐ I don't buy cannabis [Value=4]

We're going to ask you about dried bud in a moment.

If you checked a box other than dried bud/flower/leaf, please list the products and how much you paid for each one **in the past 7 days**. If possible, also describe the products' THC, CBD, number of doses per package, and dose size in grams or milligrams (mg).

As a reminder, the categories we asked about are below:

- Hashish (resin)
- Disposable vape pen
- Oil cartridges for non-disposable vape pens
- Oil, but not in a vape pen
- Dabs / Wax / Budder / ShatterEdibles (e.g., brownies or candy)

- Teas or other beverages
- Lotion / Salve / Balm / Spray
- Keif / Kif / Kief

Please respond below.

pwk_nonbuddolr_free

(1000 characters remaining)

pwk_hashdays

If you used dabs / wax / budder / shatter in the **past 7** days, on how many days did you use them?

--Select-- ▼

- Not applicable/None [Value=8]
- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- 6 [Value=6]
- 7 [Value=7]

Page Break

pm_dollr

Now think back to all of the cannabis you purchased in the **past 30** days. How much did you spend in total, in dollars?

Please leave blank or enter "NA" if you did not purchase in the past 30 days.

pm_purchasedays

On how many days did you purchase marijuana or other cannabis products within the **last 30** days?

--Select-- ▼

- I did not purchase in the past 30 days [Value=1]
- Once [Value=2]
- Twice [Value=3]
- Three times [Value=4]
- Four times [Value=5]
- Five times [Value=6]
- Six to ten times [Value=7]
- Ten or more times [Value=8]

pm_stores

How many different stores did you purchase cannabis products from in the **past 30** days?

--Select-- ▼

- I didn't purchase cannabis from a store in the past 30 days [Value=8]
- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- 6 to 9 [Value=6]
- 10 or more [Value=7]

pm_vapesize

If you used a cannabis vape pen in the **past 30** days, what size cartridges or pens do you tend to buy?

- ☐ 500mg (or 0.5g) [Value=1]
- ☐ 1000mg (or 1.0g) [Value=2]
- ☐ Other (please specify) [Value=3]
- ☐ Not applicable [Value=4]

vape_typical

Some say the typical vape pull or hit is about 5 seconds. Is that...

- ☐ Longer than my typical [Value=1]
- ☐ About right [Value=2]
- ☐ Shorter than my typical [Value=3]
- ☐ Not applicable [Value=4]

vape_last

On average, how many days of use does a vape cartridge last you?

If this question doesn't apply to you, please leave it blank or enter "NA"

vape_pulls

On a typical day when you vape, how many pulls or hits do you take over the course of the day?

If this question doesn't apply to you, please leave it blank or enter "NA"

vape_thc

What THC concentration are your preferred vape product?

- ☐ 0-20% [Value=1]
☐ 21-40% [Value=2]
☐ 41-60% [Value=3]
☐ 61-80% [Value=4]
☐ 81-99% [Value=5]
☐ I prefer CBD-only cartridges [Value=6]
☐ Not applicable [Value=7]

 Page Break

[Random Stimulus Assignment 1]

Here is a picture of 1 gram of ground-up/crumbled marijuana (on the top) and 1 gram in intact buds (on the bottom). These are shown next to a ruler measuring inches, a credit card, and quarter for reference.

Now think again about the last day you used dried marijuana bud.



How much marijuana did you personally use that entire day?

- A. Less than half this amount (<0.5g)
 B. About half this amount (0.5g)
 C. About this amount (1g)
 D. About twice this amount (2g)
 E. About three times this amount (3g)
 F. About four times this amount (4g)
 G. About five times this amount (5g)
 H. More than five times this amount (>5g)

[Random Stimulus Assignment 2]

Here is a picture of 0.5 grams of ground-up/crumbled marijuana (on the top) and 0.5 grams in intact buds (on the bottom). These are shown next to a ruler measuring inches, a credit card, and quarter for reference.

Now think again about the last day you used dried marijuana bud.



How much marijuana did you personally use that entire day?

- A. Less than half this amount (<0.25g)
- B. About half this amount (0.25g)
- C. About this amount (0.5g)
- D. About twice this amount (1g)
- E. About three times this amount (1.5g)
- F. About four times this amount (2g)
- G. About five times this amount (2.5g)
- H. More than five times this amount (>2.5g)

rand_cnsumpic

Choose one below:

- ☐ A. Less than half this amount [Value=1]
- ☐ B. About half this amount [Value=2]
- ☐ C. About this amount [Value=3]
- ☐ D. About twice this amount [Value=4]
- ☐ E. About three times this amount [Value=5]
- ☐ F. About four times this amount [Value=6]
- ☐ G. About five times this amount [Value=7]
- ☐ H. More than five times this amount [Value=8]

- * We are interested in learning more about how much cannabis you use. If you typically smoke cannabis as dried buds/flowers, are you comfortable answering about your consumption in grams (e.g., 0.25 grams, 0.5 grams, 1 gram, 2 grams)?

ok_grams

If you prefer a different measuring unit, you can also answer in terms of joints, bowls, blunts, vaping, or define your own.

- ☐ Yes, comfortable answering in grams [Value=1]
- ☐ No, I prefer different measuring unit [Value=2]

Question Logic

If [Yes, comfortable answering in grams...] is selected, then skip to question [No logic applied]

If [No, I prefer different measuring unit...] is selected, then skip to question [#29]

Page Break

Think for a moment about how much cannabis flower or bud you consume on a typical, less than typical (light), and more than typical (heavy) day of use.

light_gm

How many grams or fractions of a gram do you think you usually use on a **light** day?

typ_gm

How many grams or fractions of a gram do you think you usually use on a **typical** day?

heavy_gm

How many grams or fractions of a gram do you think you usually use on a **heavy** day?

Skip LogicSkip to question **[#58]**

Skip Logic

not_grams * How would you prefer to respond?

- ☐ Ounces (e.g., 1/8th, 1/4th) [Value=1]
- ☐ Joints [Value=2]
- ☐ Blunts [Value=3]
- ☐ Vape oil cartridges/Disposable vape pen [Value=6]
- ☐ Pipe bowls (includes vapes that use dried flower) [Value=4]
- ☐ Bong bowls [Value=5]
- ☐ Other (please specify) [Value=7]

not_grams_othfree**Question Logic**If **[Ounces (e.g., 1/8th, 1/4th)...]** is selected, then skip to question **[No logic applied]**If **[Joints]** is selected, then skip to question **[after #32, Text]** (See "Edit Logic" for details)If **[Blunts]** is selected, then skip to question **[after #37, Text]** (See "Edit Logic" for details)If **[Vape oil cartridges/Disposable vape pen...]** is selected, then skip to question **[after #47, Text]** (See "Edit Logic" for details)If **[Pipe bowls (includes vapes that use dried flower)...]** is selected, then skip to question **[after #42, Text]** (See "Edit Logic" for details)If **[Bong bowls]** is selected, then skip to question **[after #42, Text]** (See "Edit Logic" for details)If **[Other (please specify)]** is selected, then skip to question **[after #53, Text]** (See "Edit Logic" for details)

Page Break

Think for a moment about how much cannabis you consume on a typical, less than typical (light), and more than typical (heavy) day of use.

light_oz How many ounces or fractions of an ounce do you think you usually use on a **light** day?**typical_oz** How many ounces or fractions of an ounce do you think you usually use on a **typical** day?**heavy_oz** How many ounces or fractions of an ounce do you think you usually use on a **heavy** day?**Skip Logic**Skip to question **[#58]**

Skip Logic

Joints**gmflower_j** How many joints do you typically get from a gram of flower?

--Select-- ▼

- Don't know [Value=1]
- 0.5 joints [Value=2]
- 1 joint [Value=3]
- 1.5 joints [Value=4]
- 2 joints [Value=5]
- 2.5 joints [Value=6]
- 3 joints [Value=7]
- 3.5 joints [Value=8]
- 4 joints [Value=9]

gmflower_j_cf How confident do you feel about the previous answer?

- ☐ Very sure [Value=1]
- ☐ Somewhat sure [Value=2]
- ☐ Somewhat unsure [Value=3]
- ☐ Very unsure [Value=4]

Think for a moment about how much cannabis you consume on a typical, less than typical (light), and more than typical (heavy) day of use. For example, if you smoke half a joint on a light day, please enter "0.5" or "half."

How many joints or fractions of a joint do you think you usually smoke on a **light** day?

How many joints or fractions of a joint do you think you usually smoke on a **typical** day?

How many joints or fractions of a joint do you think you usually smoke on a **heavy** day?

Skip Logic
Skip to question **[#58]**

Skip Logic

Page Break

Blunts

About how many blunts do you get from a gram of flower?

--Select-- ▼

- 8 [Value=1]
- 6 [Value=2]
- 4 [Value=3]
- 3 [Value=4]
- 2 [Value=5]
- 1 [Value=6]
- 1/2 (it takes two grams to fill a blunt) [Value=7]
- 1/3 (it takes three grams to fill a blunt) [Value=8]
- 1/4 (it takes four grams to fill a blunt) [Value=9]
- 1/5 (it takes five grams to fill a blunt) [Value=10]
- Less than 1/5 [Value=11]
- I don't know [Value=14]

How confident do you feel about your previous answer?

- ☐ Very sure [Value=1]
- ☐ Somewhat sure [Value=2]
- ☐ Somewhat unsure [Value=3]
- ☐ Very unsure [Value=4]

Think for a moment about how much cannabis you consume on a typical, less than typical (light), and more than typical (heavy) day of use. For example, if you smoke half a blunt on a light day, please enter "0.5" or "half."

How many blunts or fractions of a blunt do you think you usually smoke on a **light** day?

How many blunts or fractions of a blunt do you think you usually smoke on a **typical** day?

How many blunts or fractions of a blunt do you think you usually smoke on a **heavy** day?

Skip Logic
Skip to question **[#58]**

Skip Logic

Page Break

Bowls

Think for a moment about how much cannabis you consume on a typical, less than typical (light), and more than typical (heavy) day of use. For example, if you smoke half a bowl on a light day, please enter "0.5" or "half."

light_bowl

How many bowls or fractions of a bowl do you think you usually smoke on a **light** day?

typ_bowl

How many bowls or fractions of a bowl do you think you usually smoke on a **typical** day?

heavy_bowl

How many bowls or fractions of a bowl do you think you usually smoke on a **heavy** day?

sz_bowl

How much marijuana do you typically place in your bowl?

We've included relative

--Select-- ▼

- Don't know [Value=1]

- 0.1 grams [Value=2]

- 0.2 grams [Value=3]

- 0.3 grams (a little more than 10 bowls per eighth) [Value=4]

- 0.4 grams (a little less than 10 bowls per eighth) [Value=5]

- 0.5 grams [Value=6]

- 0.75 grams (about 5 bowls per eighth) [Value=7]

- 1 gram [Value=8]

- 1.5 grams [Value=9]

- 2 grams (a little more than half an eighth per bowl) [Value=10]

- 3 grams (almost a full eighth per bowl) [Value=11]

- 4 grams [Value=12]

- 5 grams [Value=13]

- More than 5 grams [Value=14]

szcf_bowl

How confident do you feel about your previous answer?

☐ Very sure [Value=1]

☐ Somewhat sure [Value=2]

☐ Somewhat unsure [Value=3]

☐ Very unsure [Value=4]

Skip Logic

Skip to question **[#58]**

Skip Logic

Page Break

Vape pens and cartridges

We'd like to understand how you consume cannabis by vaping. To do this, we're breaking your consumption into two parts:

1. Use sessions per day -- i.e., an uninterrupted period when you consume
2. Hits/drags/pulls per use session -- i.e., how many times you inhale *per session*

light_vape_use

Think for a moment about how much cannabis you consume on a typical, less than typical (light), and more than typical (heavy) day of use. On a **light** day when you vape cannabis products, how many times per day do you vape?

--Select-- ▼

- 1 [Value=1]

- 2 [Value=2]

- 3 [Value=3]

- 4 [Value=4]

- 5 [Value=5]

- 6 [Value=6]

- 7 [Value=7]

- 8 [Value=8]

- 9 [Value=9]

- 10 or more [Value=10]

light_vape_pulls

On a **light** day when you vape cannabis products, how many hits/drags/pulls do you take in a single session?

--Select-- ▼

- 1 [Value=1]

- 2 [Value=2]

- 3 [Value=3]
- 4-5 [Value=4]
- 6-9 [Value=5]
- 10 or more [Value=6]

typ_vape_use How many use sessions on a **typical** day?

- Select-- ▼
- 1 [Value=1]
 - 2 [Value=2]
 - 3 [Value=3]
 - 4 [Value=4]
 - 5 [Value=5]
 - 6 [Value=6]
 - 7 [Value=7]
 - 8 [Value=8]
 - 9 [Value=9]
 - 10 or more [Value=10]

typ_vape_pulls How many hits per session on a **typical** day?

- Select-- ▼
- 1 [Value=1]
 - 2 [Value=2]
 - 3 [Value=3]
 - 4-5 [Value=4]
 - 6-9 [Value=5]
 - 10 or more [Value=6]

heavy_vape_use How many use sessions on a **heavy** day?

- Select-- ▼
- 1 [Value=1]
 - 2 [Value=2]
 - 3 [Value=3]
 - 4 [Value=4]
 - 5 [Value=5]
 - 6 [Value=6]
 - 7 [Value=7]
 - 8 [Value=8]
 - 9 [Value=9]
 - 10 or more [Value=10]

heavy_vape_pulls How many hits per session on a **heavy** day?

- Select-- ▼
- 1 [Value=1]
 - 2 [Value=2]
 - 3 [Value=3]
 - 4-5 [Value=4]
 - 6-9 [Value=5]
 - 10 or more [Value=6]

Skip Logic
Skip to question [#58]

Skip Logic

Page Break

Other methods of consumption

sz_oth How would you describe the amount of cannabis you consume on days when you consume it?

(1000 characters remaining)

light_oth Think for a moment about how much cannabis you consume on a typical, less than typical (light), and more than typical (heavy) day of use.
How much cannabis do you think you usually consume on a **light** day? For example, based on your previous answer, if you consume the equivalent of half of what you do in your typical session on a light day, please enter "0.5" or "half."

typ_oth How much cannabis do you think you usually use on a **typical** day?

heavy_oth

How much cannabis do you think you usually use on a **heavy** day?

Page Break

pweek_consumpcompHow does your cannabis consumption this past week compare to other weeks in the past 30 days?

- ☐ This past week was typical [Value=1]
- ☐ I consumed *less* this past week than on average over the last 30 days [Value=2]
- ☐ I consumed *more* this past week than on average over the last 30 days [Value=3]
- ☐ Don't know [Value=4]

pweek_disposvap
e_daysIf you used a disposable vape pen in the **past 7** days, on how many days did you use it?

- Not applicable/None [Value=8]
- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- 6 [Value=6]
- 7 [Value=7]

pweek_oilnondis
posevapedaysIf you used an oil cartridge for non-disposable vape pens in the **past 7** days, on how many days did you use it?

- Not applicable/None [Value=8]
- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- 6 [Value=6]
- 7 [Value=7]

pweek_oilnonvape_
daysIf you consumed cannabis oil, but not in a vape pen in the **past 7** days, on how many days did you use it?

- Not applicable/None [Value=8]
- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- 6 [Value=6]
- 7 [Value=7]

"Dabbing" is a method for inhaling concentrated cannabis -- e.g., butane hash oil (BHO), shatter, or wax. (For example, one way to dab is to heat a titanium or glass nail with a blow torch, melt the concentrate, and inhale the vapors).

Have you ever dabbed?

- ☐ No [Value=1]
- ☐ Yes, in the past week [Value=2]
- ☐ Yes, in the past month but not the past week [Value=3]
- ☐ Yes, but not in the past month [Value=4]
- ☐ I'm not sure [Value=5]

Page Break

Thank you again for your honesty. Your answers are really helpful. Now we want to learn more about features of cannabis products that interest you.

What factors influence your flower (marijuana) purchases?

Check all that apply

purchase_aroma

☐ Aroma / Terpene profile [Checked=1]

purchcase_cbd

☐ CBD content [Checked=1]

purchase_color

☐ Color [Checked=1]

purchase_pricepergm ☒ Price per gram [Checked=1]
purchase_med ☒ Purported medicinal / therapeutic properties [Checked=1]
purchase_strain ☒ Strain [Checked=1]
purchase_thc ☒ THC content [Checked=1]
purchase_oth ☒ Other [Checked=1]

purchase_othfree If you answered "Other" to the previous question, please specify:

pm_acq How did you get most of the cannabis you consumed in the **past 30** days?

- ☐ Paid for it [Value=1]
☐ Traded for it [Value=2]
☐ Had it given to me or shared with me [Value=3]
☐ Grew it [Value=4]
☐ I did not consume marijuana in the past 7 days [Value=5]
☐ Other (please specify) [Value=6]

pm_acq_othfree

In the **past 30** days, thinking of all the cannabis you consumed while in Washington State, what share of your flower consumption came from products purchased from the following:

pm_wa_licensed A state-licensed store in Washington

pm_or_licensed A state-licensed store in Oregon

pm_legalmedgrow A state-legal medical grow

pm_purchfriend Purchased from a friend

pm_friendfree Given for free from a friend

pm_grewoth Grew in other circumstances

pm_purchdealer Purchased from a stranger/dealer

pm_other Other

pm_total **Total: 0** (must sum to 100)

pm_delivery Did you purchase from a recreational or medical cannabis delivery service in the **past 30** days?

- ☐ Yes [Value=1] ☐ No [Value=2]

pm_delivery_free If you purchased from a delivery service, can you tell us a bit more about the experience? *Your response is optional.*

(1000 characters remaining)

pm_delivery_xtradollr Imagine you were planning to purchase two grams of marijuana flower (bud) for \$20. How much extra (in dollars) would you be willing to pay for that product to be delivered, assuming delivery within one-hour?

pm_delivery_xtrapct Think about the last time you purchased marijuana from a licensed retailer, if ever. How much extra (0% to 100%) would you be willing to pay to have had that purchased delivered to you, assuming delivery would occur within one hour?

Page Break

We're almost done! We just want to ask a few questions about the potency of the cannabis you use and what qualities of cannabis are most important to you.

* THC is the abbreviated name for the main psychoactive ingredient in cannabis plants.

Now we want to talk about the type of marijuana you most recently purchased. Do you know the amount of THC that was in the amount you purchased?

- ☐ Yes, I'm confident I know the % THC [Value=1]

know_thc

- ☐ Maybe. I'm somewhat confident I know about how much % THC [Value=2]
- ☐ No, I do not know [Value=3]
- ☐ Not applicable [Value=4]

Question Logic

If [Yes, I'm confident I know the % THC...] is selected, then skip to question [No logic applied]

If [Maybe, I'm somewhat confident I know about how muc...] is selected, then skip to question [No logic applied]

If [No, I do not know] is selected, then skip to question [after #73, Text] (See "Edit Logic" for details)

If [Not applicable] is selected, then skip to question [after #73, Text] (See "Edit Logic" for details)

Page Break

What percent THC is the cannabis product you typically consume?

Please select other and write in an answer if the products you typically consume do not list their THC in percent terms.

- Select-- ▼
- 0 [Value=1]
- 1-10% [Value=2]
- 11-15% [Value=3]
- 16-25% [Value=4]
- 26-40% [Value=5]
- 41-75% [Value=6]
- 76-100% [Value=7]
- Don't know [Value=9]
- Other (please specify) [Value=8]

Other:

Cannabis products sold in Washington's recreational stores should be clearly labeled with the product's tested THC content.

Which of the following best describes your feelings about the information on the label of your most recent purchase?

- ☐ Yes, I'm confident I know the THC as listed on the package. [Value=1]
- ☐ No, I didn't really look at the THC percentage on the package. [Value=2]
- ☐ Maybe, I'm not sure if the number on the package is right. [Value=3]
- ☐ No, I think the number on the package is wrong. [Value=4]
- ☐ I don't know, my cannabis was not packaged or labeled. [Value=5]
- ☐ My package was not packaged or labeled, but I feel confident about the percentage. [Value=6]

Page Break

What features of legal, packaged, labeled, and tested marijuana are most important to you?

For each of the five categories below, mark a number between 1 and 5. (1 is the MOST valuable/important. 5 is the LEAST valuable/important). It's OK to use the same number twice if you want.

- Select-- ▼ Not having to break the law
- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- Not applicable [Value=6]

- Select-- ▼ Accurate potency testing

- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- Not applicable [Value=6]

- Select-- ▼ Health, toxin, and pesticide testing

- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- Not applicable [Value=6]

- Select-- ▼ Better range of products

- 1 [Value=1]
- 2 [Value=2]
- 3 [Value=3]
- 4 [Value=4]
- 5 [Value=5]
- Not applicable [Value=6]

feat_csvc

--Select-- ▼ Customer service

- 1 [Value=1]

- 2 [Value=2]

- 3 [Value=3]

- 4 [Value=4]

- 5 [Value=5]

- Not applicable [Value=6]

Page Break

Almost done!

How would you describe yourself? Please select all that apply.

black

☒ Black or African American [Checked=1]

chicano

☒ Mexican American or Chicano [Checked=1]

cuban

☒ Cuban American [Checked=1]

puertorican

☒ Puerto Rican [Checked=1]

hispanic

☒ Other Hispanic or Latino [Checked=1]

asian

☒ Asian American [Checked=1]

white

☒ White (Caucasian) [Checked=1]

amerind

☒ American Indian or Alaska Native [Checked=1]

hi_api

☒ Native Hawaiian or Other Pacific Islander [Checked=1]

other

☒ Other (please specify) [Checked=1]

other_free

county

If you live in Washington, which county do you live in?

--Select-- ▼

- I don't live in Washington [Value=1]
- Adams [Value=2]
- Asotin [Value=3]
- Benton [Value=4]
- Chelan [Value=5]
- Clallam [Value=6]
- Clark [Value=7]
- Columbia [Value=8]
- Cowlitz [Value=9]
- Douglas [Value=10]
- Ferry [Value=11]
- Franklin [Value=12]
- Garfield [Value=13]
- Grant [Value=14]
- Grays Harbor [Value=15]
- Island [Value=16]
- Jefferson [Value=17]
- King [Value=18]
- Kitsap [Value=19]
- Kittitas [Value=20]
- Klickitat [Value=21]
- Lewis [Value=22]
- Lincoln [Value=23]
- Mason [Value=24]
- Okanogan [Value=25]
- Pacific [Value=26]
- Pend Oreille [Value=27]
- Pierce [Value=28]
- San Juan [Value=29]
- Skagit [Value=30]
- Skamania [Value=31]
- Snohomish [Value=32]
- Spokane [Value=33]
- Stevens [Value=34]
- Thurston [Value=35]
- Wahkiakum [Value=36]
- Walla Walla [Value=37]
- Whatcom [Value=38]
- Whitman [Value=39]
- Yakima [Value=40]

educ

What is the highest level of education you have completed?

- ☐ Less than high school [Value=1]
- ☐ GED [Value=2]
- ☐ High school diploma [Value=3]
- ☐ Some college [Value=4]
- ☐ 2-year or associate's degree [Value=5]

- ☐ 4-year college degree [Value=6]
- ☐ Some graduate school [Value=7]
- ☐ Master's degree [Value=8]
- ☐ Doctoral degree [Value=9]

What is your current employment status?

- ☐ Employed full-time [Value=1]
- ☐ Employed part-time [Value=2]
- ☐ Full-time student [Value=3]
- ☐ Unemployed [Value=4]
- ☐ Retired [Value=5]

Do you rent or own your current residence?

- ☐ Rent [Value=1]
- ☐ Own [Value=2]
- ☐ Neither [Value=3]

We have a few more questions about your cannabis consumption we think are important. Would you like to answer them?

- ☐ No, I'm done [Value=1]
- ☐ Sure, I'll help you out [Value=2]
- ☐ I don't consume cannabis [Value=3]

Question Logic
If [No, I'm done] is selected, then skip to question [GO TO END OF SURVEY]
If [Sure, I'll help you out] is selected, then skip to question [No logic applied]
If [I don't consume cannabis] is selected, then skip to question [GO TO END OF SURVEY]

Page Break

Page Break

Thanks for continuing! These are detailed questions about your cannabis consumption and purchases.

Next we're going to ask some questions about how frequently you used in the past 7 days. Please include all use, whether it is for medical or recreational purposes. When we ask about days of use, if the use in the evening extends past midnight, you can describe that use as belonging to the previous day.

Please mark 1) the days during the past week when you used cannabis starting with yesterday, 2) how many use sessions you had on each day, 3) how many use sessions involved sharing your marijuana with others, and 4) whether you think of that day's use as being typical, less than is typical (light day), or more than typical (heavy day).

For these purposes, using a joint, pipe, or edible by yourself when others happen to be present does not count as sharing unless other people are sharing the same joint, pipe, edible, etc. For example, if one day you smoked a joint in the morning by yourself, shared a joint with someone in the afternoon, and then smoked an entire joint yourself at a party in the evening, that would count as three (use sessions) with just one instance of sharing.

	Did you consume?	How many times that day?	How many times involved sharing with others?	Was the amount you consumed that day typical for you?
Yesterday	use1 --Select-- - Yes [Value=1] - No [Value=2] - Don't know [Value=3]	use1sess --Select-- - None [Value=13] - 1 [Value=1] - 2 [Value=2] - 3 [Value=3] - 4 [Value=4] - 5 [Value=5] - 6 [Value=6] - 7 [Value=7] - 8 [Value=8] - 9 [Value=9] - 10 [Value=10] - 11 or more [Value=11] - Don't know [Value=12]	use1share --Select-- - None [Value=13] - 1 [Value=1] - 2 [Value=2] - 3 [Value=3] - 4 [Value=4] - 5 [Value=5] - 6 [Value=6] - 7 [Value=7] - 8 [Value=8] - 9 [Value=9] - 10 [Value=10] - 11 or more [Value=11] - Don't know [Value=12]	use1typical --Select-- - I didn't use on that day [Value=5] - Light day [Value=1] - Typical day [Value=2] - Heavy day [Value=3] - Don't know [Value=4]
Two days ago	use2 --Select--	use2sess --Select--	use2share --Select--	use2typical --Select--
Three days ago	use3 --Select--	use3sess --Select--	use3share --Select--	use3typical --Select--
Four days ago	use4 --Select--	use4sess --Select--	use4share --Select--	use4typical --Select--
Five days ago	use5 --Select--	use5sess --Select--	use5share --Select--	use5typical --Select--
Six days ago	use6 --Select--	use6sess --Select--	use6share --Select--	use6typical --Select--

Seven days ago

use7

--Select--

use7sess

--Select--

use7share

--Select--

use7

--Select--

typical

Many people share or give away cannabis, so some people buy more than they use, and others use more than they buy. These next few questions ask about that.

pm_shryrs

In the last 30 days, have you shared your marijuana with others?

- ☐ Yes [Value=1]
- ☐ No [Value=2]
- ☐ Not applicable [Value=3]

pm_shrthrs

In the last 30 days, have other people shared their marijuana with you?

- ☐ Yes [Value=1]
- ☐ No [Value=2]
- ☐ Not applicable [Value=3]

pm_shrratio

Now think about the amount you shared over the past 30 days and the amount people shared with you over the past 30 days. Do you think it was the same amount?

- ☐ Yes, I gave away as much as I received [Value=1]
- ☐ No, I gave away more than I received [Value=2]
- ☐ No, I gave away less than I received [Value=3]
- ☐ Not applicable [Value=4]

Page Break

We'd like to know about the last three times you purchased cannabis. If you have not purchased cannabis, leave these blank.

This table asks you about the date of these purchases, the amount spent, whether you split the costs with others, the amount of cannabis that was purchased, and how much you personally consumed. If you made separate purchases on the same day, please describe the total purchases over the course of the day.

Please use MM/DD/YYYY format for dates. If you don't remember the exact date, please tell about how many days ago you made the purchase. For the other questions, if you don't know or can't recall, write "DK".

	Most recent purchase	2nd most recent purchase	3rd most recent purchase
Date of purchase	date_purch1	date_purch2	date_purch3
Primary type of product purchased (e.g., bud, hash oil, edible)	typ_purch1	typ_purch2	typ_purch3
Quantity purchased (e.g., 1.5g, 1/2oz, 1 brownie, etc.)	qgm_purch1	qgm_purch2	qgm_purch3
Amount you spent, in dollars	dollr_purch1	dollr_purch2	dollr_purch3
Did others contribute money to the purchase?	contr_purch1	contr_purch2	contr_purch3
If so, how much did they contribute (in dollars)?	cs_purch1	cs_purch2	cs_purch3

From whom did you buy? (Check one for each purchase)

	Friend or family member (non-licensed)	Stranger (non-licensed)	Medical dispensary	Recreational store	Delivery service from a medical dispensary or recreational store	Other
src_purch1	☐ [Value=1]	☐ [Value=2]	☐ [Value=3]	☐ [Value=4]	☐ [Value=5]	☐ [Value=6]
src_purch2	☐ [Value=1]	☐ [Value=2]	☐ [Value=3]	☐ [Value=4]	☐ [Value=5]	☐ [Value=6]
src_purch3	☐ [Value=1]	☐ [Value=2]	☐ [Value=3]	☐ [Value=4]	☐ [Value=5]	☐ [Value=6]

How much did you consume, or do you intend to consume, personally?

- All of it
- Almost all of it
- Most (about three-quarters)
- About half
- Some (about one-quarter)
- Very little
- None (e.g., gave it away or sold all of it)

self_purch1	Most recent purchase	[Value=1]	[Value=2]	[Value=3]	[Value=4]	[Value=5]	[Value=6]	[Value=7]
self_purch2	2nd most recent purchase	[Value=1]	[Value=2]	[Value=3]	[Value=4]	[Value=5]	[Value=6]	[Value=7]
self_purch3	3rd most recent purchase	[Value=1]	[Value=2]	[Value=3]	[Value=4]	[Value=5]	[Value=6]	[Value=7]

How many days of use did it (or will it) take to go through that amount?

days_purch1		Most recent purchase
days_purch2		2nd most recent purchase
days_purch3		3rd most recent purchase

[Random Stimulus Assignment 1]

Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.



[Random Stimulus Assignment 2]

Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.



[Random Stimulus Assignment 3]

Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.

**[Random Stimulus Assignment 4]**

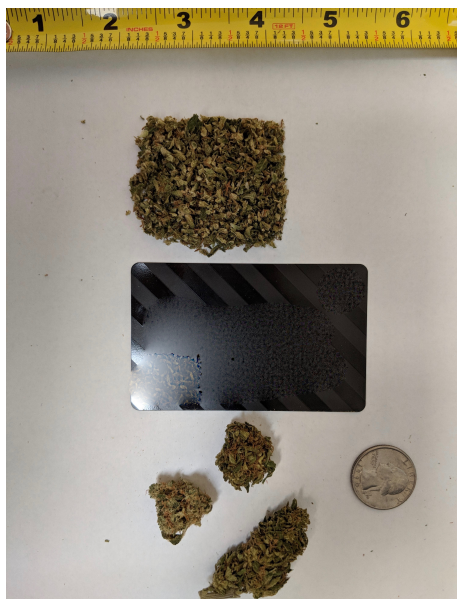
Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.

**[Random Stimulus Assignment 5]**

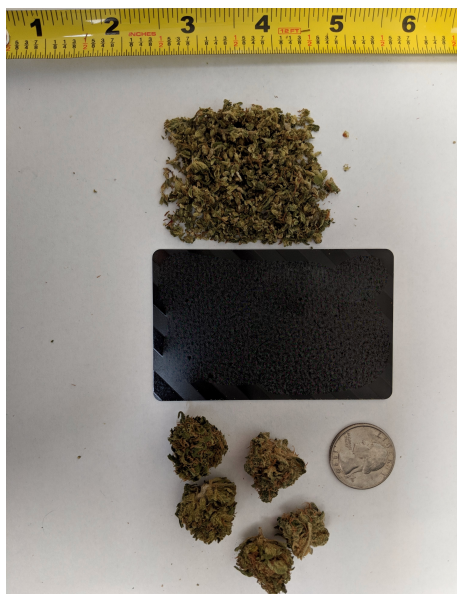
Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.

**[Random Stimulus Assignment 6]**

Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.

**[Random Stimulus Assignment 7]**

Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.

**[Random Stimulus Assignment 8]**

Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.

**[Random Stimulus Assignment 9]**

Below is a picture of some dried marijuana bud. The ground amount on the top weighs the same as the intact flower on the bottom.

These are shown next to a ruler measuring inches, a credit card, and quarter for reference.



rand_amtresp

How much marijuana is the pile on the top of the picture?

- Select-- ▼
- Don't know [Value=1]
 - 0.125 grams [Value=2]
 - 0.25 grams [Value=3]
 - 0.5 grams [Value=4]
 - 0.75 grams [Value=5]
 - 1 gram [Value=6]
 - 1.5 grams [Value=7]
 - 2 grams [Value=8]
 - 2.5 grams [Value=9]
 - 3 grams [Value=10]
 - 3.5 grams [Value=11]
 - 4 grams [Value=12]
 - 4.5 grams [Value=13]
 - 5 grams [Value=14]

mj_wa_free

Is there anything else you'd like to tell us related to cannabis in Washington State?

(1000 characters remaining)

Automatic Page Break

Cannabis Use Survey

Thank you very much for helping improve cannabis science in Washington. We kindly ask that you fill out this survey only once. Please feel free to forward the survey link to other people you know who live in Washington.

For maximum confidentiality, please close this window.

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