The International Cannabis Policy Study is an international research collaboration designed to examine cannabis policy and public health impact. The project started in 2018 and includes annual population-based surveys in Canada and the United States (since 2018), as well as Australia and New Zealand (since 2021).

The current report summarizes findings among respondents from Australia for the 2021 survey, with comparisons to USA, Canada, and New Zealand. Additional details are available upon request.

Visit the study website for more information: [www.cannabisproject.ca](http://www.cannabisproject.ca).
FUNDING
FUNDING FOR THIS STUDY WAS PROVIDED BY A CANADIAN INSTITUTES OF HEALTH (CIHR) PROJECT GRANT, A CIHR PARTNERSHIPS FOR CANNABIS POLICY EVALUATION TEAM GRANT, A UNIVERSITY OF QUEENSLAND FOUNDATION RESEARCH EXCELLENCE AWARD, A NATIONAL HEALTH AND MEDICAL RESEARCH COUNCIL INVESTIGATOR GRANT, AND THE DEPARTMENT OF HEALTH AND AGED CARE, AUSTRALIAN GOVERNMENT.

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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OVERVIEW
The International Cannabis Policy Study is a repeat cross-sectional survey conducted annually in the United States and Canada (since 2018), as well as Australia and New Zealand (since 2021) to examine trends in cannabis. This report summarizes key indicators from the 2021 ICPS survey in Australia from September 14 to November 8, 2021.

SAMPLE
Respondents were aged 16–65 years and were recruited through the Nielsen Consumer Insights Global Panel. The analytic sample for 2021 comprised 52,938 respondents in Canada (n= 16,952), the United States (n= 30,081), Australia (2,925) and New Zealand (2,980). The current report focuses on the Australia subsample of 2,925 respondents who participated in the 2021 survey.

SURVEY
The survey covers 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; and
• socio-demographics and socio-economic status.

DATA ANALYSIS
Post-stratification survey weights were created using age-by-sex-by-state/territory, education and ethnicity-by-state/territory groups. All estimates in the current report are weighted.

TECHNICAL REPORT
The survey and technical report are available at: www.cannabisproject.ca/methods. The technical report includes detailed information on methodology and survey weighting.
## Sample profile

<table>
<thead>
<tr>
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<th>Total n=2,925</th>
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<tbody>
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</tr>
<tr>
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<td>1,453</td>
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<tr>
<td>16–25</td>
<td>551</td>
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</tr>
<tr>
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<td>440</td>
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<tr>
<td>Neither easy nor</td>
<td></td>
</tr>
<tr>
<td>difficult</td>
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<tr>
<td>Easy</td>
<td>788</td>
</tr>
<tr>
<td>Very easy</td>
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</table>
Almost one fifth of respondents in Australia used cannabis in the past 12 months, 13% used cannabis monthly, and 6% used cannabis daily.

Prevalence of cannabis use 2021
AUS N=2,925; NZ N=2,980; CAN N=16,952; USA N=30,081
Cannabis prevalence
Australia 2021

By sex

- Past 12 months: 17% Female, 21% Male
- At least monthly: 10% Female, 16% Male
- Daily / near daily: 4% Female, 8% Male

AMONG ALL RESPONDENTS (N=2,925). DAILY/NEAR DAILY USE ≥ 5 DAYS PER WEEK.
Cannabis prevalence
Australia 2021

By age

Past 12 months

- 16-25: 21%
- 26-35: 20%
- 36-45: 24%
- 46-55: 20%
- 56-65: 10%

Monthly

- 16-25: 12%
- 26-35: 13%
- 36-45: 18%
- 46-55: 15%
- 56-65: 7%

Daily/almost daily

- 16-25: 6%
- 26-35: 5%
- 36-45: 9%
- 46-55: 7%
- 56-65: 3%

By education

Past 12 months

- Bachelor’s degree or higher: 15%
- College/technical training: 23%
- High school diploma: 18%
- Less than high school: 23%

Monthly

- Bachelor’s degree or higher: 10%
- College/technical training: 15%
- High school diploma: 12%
- Less than high school: 17%

Daily/almost daily

- Bachelor’s degree or higher: 3%
- College/technical training: 7%
- High school diploma: 6%
- Less than high school: 10%

Among all respondents in 2021 (N=2,925). Daily/near daily use ≥ 5 days per week.
In 2021, almost 4 in 10 past 12-month cannabis consumers in Australia reported that their cannabis consumption was exclusively for medical purposes, higher than New Zealand, Canada, and USA.

Percent of consumers who self-identify as a medical marijuana user only?
% ‘YES’, PAST 12-MONTH CONSUMERS
AUS N=534; NZ N=684; CAN N=5,900; USA N=10,361

AUS 37%  NZ 27%  CAN 22%  USA 33%
Medical authorization

Over 1 in 4 past 12-month cannabis consumers in Australia had ‘ever’ asked a health professional about a prescription for medical cannabis. Among those who had asked, over 3 in 5 had been refused.

Have you ever asked a licensed health professional for a prescription to use medical marijuana?
% ‘YES’, AMONG PAST 12-MONTH CONSUMERS. 2021, AUS N=536; NZ N=685; CAN N=5,901; USA N=10,367

Have you ever been refused a prescription for medical marijuana?
% ‘YES’, PAST 12-MONTH CONSUMERS WHO HAVE SOUGHT APPROVAL. 2021, AUS N=154; NZ N=119; CAN N=1,090; USA N=2,703
Medical authorization

In 2021, 1 in 5 past 12-month cannabis consumers in Australia reported ‘ever’ receiving approval for medical cannabis use, including 16% who reported they were approved for medical cannabis use in the past 12-months.

Have you ever received a prescription for medical marijuana?
% ‘YES’, PAST 12-MONTH CONSUMERS
AUS N=544; NZ N=700; CAN N=5,935; USA N=10,472

Did you receive a prescription to use medical marijuana at any time in the past 12 months?
% ‘YES’, PAST 12 MONTH CONSUMERS,
AUS N=542; NZ N=700; CAN N=5932; USA N=10,468
Cannabis use to manage or improve mental health

Overall, 43% of ‘ever’ cannabis consumers reported using cannabis to improve or manage at least one of the mental health issues shown below. Over one quarter of ‘ever’ cannabis consumers reported using cannabis to improve or manage anxiety, followed by depression and PTSD.

Have you ever used marijuana to improve or manage symptoms for any of the following?
% ‘YES’ AMONG ‘EVER’ CANNABIS CONSUMERS, 2021 N=1,532

- Anxiety: 28.0%
- Depression: 22.7%
- PTSD or traumatic event: 14.1%
- Bipolar disorder, mania, or borderline...: 8.3%
- Alcohol or other drug use: 5.3%
- Psychosis: 4.8%
- Eating disorder: 4.6%
- ADD/ADHD: 3.9%
- Schizophrenia: 3.7%
- Don’t know: 3.0%
- Other: 0.4%
- Stress: 0.0%
Cannabis use to manage or improve physical health

Overall, 45% of ‘ever’ cannabis consumers reported using cannabis to improve or manage at least one of the physical health issues shown below. ‘Ever’ cannabis consumers reported using cannabis to improve or manage a range of symptoms, including pain, sleeping problems and headaches/migraines.

Have you ever used marijuana to improve or manage symptoms for any of the following?
% ‘YES AMONG ‘EVER’ CANNABIS CONSUMERS, 2021 N=1,532

- Pain: 21.0%
- Problems sleeping: 18.4%
- Headaches/migraines: 16.1%
- Lack of appetite: 11.4%
- Nausea/vomiting or chemotherapy...: 8.7%
- Muscle spasms: 6.9%
- Seizures: 4.0%
- Digestion/gastrointestinal issues: 4.0%
- Don’t know: 4.0%
- To shrink tumours or treat cancer: 3.3%
- Fibromyalgia: 1.7%
- Other: 0.9%
- Multiple sclerosis: 0.1%
Types of cannabis products

Among past 12-month cannabis consumers, dried flower was the most commonly reported type of cannabis product used. Slightly more than one third of consumers reported using edibles, with just over one fifth reporting use of hash, oral oils, and vape oils.

Have you ever used marijuana in any of the following ways?
% ‘YES’ AMONG PAST 12-MONTH CANNABIS CONSUMERS, 2021 N=544
Use of dried flower among past 12-month consumers was similar across countries at around 70% in 2021. Use of edibles among Australia consumers was similar to New Zealand, but substantially less than Canada and the USA. Consumers in Australia also reported lower use of drops/capsules, as well as vape oils compared to Canada and the USA.
Types of cannabis products

Cannabis consumers in Australia reported lower levels of use than consumers in USA for most cannabis extracts, with higher levels than New Zealand, and similar levels to Canada. Compared to New Zealand, Australian consumers reported notably higher levels of cannabis drinks.

**Hash**

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<tr>
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<th>AUS</th>
<th>NZ</th>
<th>CAN</th>
<th>USA</th>
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</thead>
<tbody>
<tr>
<td>22%</td>
<td>23%</td>
<td>23%</td>
<td>26%</td>
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**Topicals**

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<th>AUS</th>
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<th>USA</th>
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<tbody>
<tr>
<td>17%</td>
<td>13%</td>
<td>17%</td>
<td>23%</td>
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**Solid concentrates**

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<th>NZ</th>
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<th>USA</th>
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<tbody>
<tr>
<td>14%</td>
<td>13%</td>
<td>19%</td>
<td>27%</td>
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</table>

**Drinks**

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<th>AUS</th>
<th>NZ</th>
<th>CAN</th>
<th>USA</th>
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</thead>
<tbody>
<tr>
<td>17%</td>
<td>9%</td>
<td>21%</td>
<td>17%</td>
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**Tinctures**

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<th>NZ</th>
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<th>USA</th>
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<tbody>
<tr>
<td>15%</td>
<td>10%</td>
<td>14%</td>
<td>16%</td>
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</table>
In 2021, past 12-month consumers in Australia reported using cannabis in a variety of ways including ‘smoked as a joint’, ‘smoked using a water pipe or bong’ and ‘smoked using a pipe or cone’.

In the last 12 months, how have you used cannabis?
% AMONG PAST 12-MONTH CONSUMERS, 2021 N=544

- Smoked as a joint: 66%
- Smoked using a water pipe or bong: 54%
- Smoked using a pipe or cone: 36%
- Ate it (either alone or combined with food): 25%
- Inhaled the fumes ('spotting'): 18%
- Used a vaporiser: 15%
- Other: 2%
Use of ‘non-THC’ CBD products

In 2021, 16% of all respondents in Australia reported using “CBD-only products” (with no THC) in the past 12 months. The most common CBD product types were oil/liquid drops, oil/liquid capsules, and edibles.

Use of CBD-only products in the past 12-months
AUS N=2,902; NZ N=2,958; CAN N=16,879; USA N=29,927

Type of CBD-only products used
AMONG THOSE WHO REPORTED CBD-ONLY PRODUCT USE; NEW ZEALAND ONLY; N=470

Among all respondents, percent who reported using any CBD-only products with no THC in the past 12 months.
In 2021, Australia consumers reported paying $13.74 per gram of dried flower. Dried flower prices in New Zealand were similar to Australia, but substantially higher than Canada and the USA.
In 2021, almost 60% of consumers in Australia got their cannabis from a ‘family member or friend’, with over half reporting sourcing their cannabis from a ‘dealer’. Less than a fifth reported making or growing their own cannabis, while 13% reported buying cannabis from a store or dispensary.
Source of cannabis products

Cannabis consumers in Australia and New Zealand reported similar sources of cannabis products. In contrast, consumers in Canada and the USA were less likely to source products from dealers and substantially more likely to purchase products from stores, co-ops and dispensaries.

Made or grew my own

<table>
<thead>
<tr>
<th></th>
<th>AUS</th>
<th>NZ</th>
<th>CAN</th>
<th>USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>19%</td>
<td>17%</td>
<td>12%</td>
<td>11%</td>
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</tr>
</tbody>
</table>

Family member or friend

<table>
<thead>
<tr>
<th></th>
<th>AUS</th>
<th>NZ</th>
<th>CAN</th>
<th>USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>56%</td>
<td>68%</td>
<td>46%</td>
<td>55%</td>
<td></td>
</tr>
</tbody>
</table>

Dealer

<table>
<thead>
<tr>
<th></th>
<th>AUS</th>
<th>NZ</th>
<th>CAN</th>
<th>USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>53%</td>
<td>45%</td>
<td>20%</td>
<td>37%</td>
<td></td>
</tr>
</tbody>
</table>

Store, co-op, or dispensary

<table>
<thead>
<tr>
<th></th>
<th>AUS</th>
<th>NZ</th>
<th>CAN</th>
<th>USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>13%</td>
<td>6%</td>
<td>60%</td>
<td>44%</td>
<td></td>
</tr>
</tbody>
</table>
Perceptions of cannabis access

Overall, how easy or difficult is it/would it be for you to get marijuana?

Getting cannabis is ‘very’ or ‘fairly’ easy

AUS  NZ  CAN  USA
34%  44%  68%  55%

AMONG ALL RESPONDENTS. PERCENTAGE SELECTING ‘VERY’ OR ‘FAIRLY’ EASY.
COVID-19 impact on consumption

Over half of past 12-month consumers in Australia reported that the COVID-19 pandemic changed their cannabis use, with about the same indicating increased and decreased consumption.

Impact of COVID-19 pandemic on cannabis use

Percent of consumers who ‘used more’ or ‘started using’ cannabis during the pandemic

AUS: 27%  NZ: 19%  CAN: 25%  USA: 22%

among past 12-month consumers.
Cannabis advertising exposure

In 2021, almost 3 in 10 respondents reported noticing cannabis advertisements in at least one location in the past 12 months, with higher levels of exposure among consumers. Noticing cannabis advertising in Australia was similar to levels in New Zealand, but notably lower than in Canada or the USA.

Noticing any cannabis ads or promotions

% NOTICING AT LEAST ONE LOCATION IN THE PAST 12 MONTHS

<table>
<thead>
<tr>
<th></th>
<th>All participants</th>
<th>Past 12-month consumers</th>
<th>Non-cannabis consumers</th>
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</thead>
<tbody>
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<td>AUS</td>
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<td>41%</td>
<td>46%</td>
</tr>
<tr>
<td>NZ</td>
<td></td>
<td>26%</td>
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<tr>
<td>CAN</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>USA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Among all respondents, percent reporting seeing marijuana being advertised or promoted in at least 1 location in past 12 months.
Cannabis advertising exposure
Australia—2021
In 2021, Australian respondents were most likely to notice cannabis advertising on social media, followed by websites/online and TV/radio.

Noticing cannabis ads in the past 12-months
BY MARKETING CHANNEL 2021 N=2,925

<table>
<thead>
<tr>
<th>Marketing Channel</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>Social media</td>
<td>9.9%</td>
</tr>
<tr>
<td>Websites or online</td>
<td>6.4%</td>
</tr>
<tr>
<td>TV or radio</td>
<td>5.2%</td>
</tr>
<tr>
<td>Pharmacies</td>
<td>4.7%</td>
</tr>
<tr>
<td>Bars, pubs, nightclubs</td>
<td>4.4%</td>
</tr>
<tr>
<td>Inside stores that sell marijuana</td>
<td>4.2%</td>
</tr>
<tr>
<td>Print newspapers or magazines</td>
<td>4.0%</td>
</tr>
<tr>
<td>Outside stores that sell marijuana</td>
<td>4.0%</td>
</tr>
<tr>
<td>Email or text</td>
<td>4.0%</td>
</tr>
<tr>
<td>Kiosks or temporary sales locations</td>
<td>3.7%</td>
</tr>
<tr>
<td>Taxis or buses/public transit</td>
<td>3.6%</td>
</tr>
<tr>
<td>At the movies</td>
<td>3.5%</td>
</tr>
<tr>
<td>Billboards or posters</td>
<td>3.2%</td>
</tr>
<tr>
<td>Sporting events, concerts, festivals, markets</td>
<td>3.1%</td>
</tr>
<tr>
<td>Flyers</td>
<td>2.7%</td>
</tr>
<tr>
<td>Regular postal mail</td>
<td>2.4%</td>
</tr>
<tr>
<td>Other</td>
<td>0.3%</td>
</tr>
</tbody>
</table>
Among Australian respondents, those aged 16–25, 26–35, and 36–45 reported more cannabis educational campaign exposure than older age groups. Australia respondents reported similar educational campaign exposure to New Zealand.

Recall of cannabis education campaigns
IN THE PAST 12 MONTHS, AUSTRALIA

Among all respondents, percent reporting seeing an educational campaign or public health message about cannabis in at least 1 location in past 12 months.
Problematic cannabis use

The World Health Organization’s ASSIST tool assesses low, moderate or high risk of problematic cannabis use based on a variety of indicators. In Australia, 17% of past 12-month consumers were categorized as ‘high risk’ cannabis use. The proportion of consumers at ‘high risk’ in Australia was substantially higher than New Zealand, Canada, and the USA.

Risk of problematic cannabis use
WHO ASSIST SCORES, AMONG PAST 12-MONTH CONSUMERS, AUS N=482; NZ N=609; CAN N=5,310; US N=9,327
Driving after cannabis use

In 2021, 16% of ever-cannabis consumers in Australia with a driver’s licence reported driving within 2 hours of cannabis use in the past year. Prevalence was highest in the USA and New Zealand.

Driving a vehicle within 2 hours of cannabis use
IN THE PAST 12 MONTHS AMONG ‘EVER’ CANNABIS CONSUMERS

<table>
<thead>
<tr>
<th>Country</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUS</td>
<td>16%</td>
</tr>
<tr>
<td>NZ</td>
<td>18%</td>
</tr>
<tr>
<td>CAN</td>
<td>12%</td>
</tr>
<tr>
<td>USA</td>
<td>21%</td>
</tr>
</tbody>
</table>
Cannabis use at work

In 2021, over 1 in 5 past 12-month cannabis consumers in Australia reported using cannabis within 2 hours of starting work. Prevalence of using cannabis at work was higher among consumers who reported working in hazardous jobs.

**Cannabis use at work or within 2 hours of starting work in past 30 days**

% YES, AMONG PAST 12-MONTH CANNABIS CONSUMERS

- **All consumers**
- **High risk work**

<table>
<thead>
<tr>
<th>Country</th>
<th>All consumers</th>
<th>High risk work</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUS</td>
<td>21%</td>
<td></td>
</tr>
<tr>
<td>NZ</td>
<td>13%</td>
<td>18%</td>
</tr>
<tr>
<td>CAN</td>
<td>10%</td>
<td>15%</td>
</tr>
<tr>
<td>USA</td>
<td>15%</td>
<td>22%</td>
</tr>
</tbody>
</table>
Adverse events from cannabis use

In 2021, approximately 19% of all past 12-month cannabis consumers in Australia reported seeking medical help for an adverse event from cannabis. Among those who sought medical help, emergency rooms and doctors/health professionals were the most common sources of help.

Percentage of consumers who sought medical help for adverse effects caused by cannabis use
AMONG PAST 12-MONTH CONSUMERS, 2021
AUS N=530; NZ N=685; CAN N=5,864; USA N=10,346

Sources of assistance among consumers who sought medical help for adverse effects
AMONG THOSE WHO SOUGHT MEDICAL HELP; AUSTRALIA ONLY

AMONG PAST 12-MONTH CONSUMERS. PERCENT WHO REPORTED SEEKING HELP FOR ANY ADVERSE EFFECTS.
**Storage of cannabis in home**

Almost half of past 12-month consumers stored cannabis in the home in a variety of locations.

**Do you currently keep any marijuana in or around your home?**

% ‘YES’ PAST 12-MONTH CONSUMERS, 2021
AUS N=529; NZ N=672; CAN N=5,845; USA N=10,154

- **AUS**: 47%
- **NZ**: 51%
- **CAN**: 68%
- **USA**: 57%

**Where is the marijuana in your home stored?**

PAST 12-MONTH CONSUMERS WHO STORED CANNABIS IN HOME, 2021 N=246

- On an open shelf or table:
  - All past 12 months consumers: 23%
  - Parents of children < 17: 26%
- In an unlocked cabinet or drawer:
  - All past 12 months consumers: 31%
  - Parents of children < 17: 33%
- In an outdoor location:
  - All past 12 months consumers: 23%
- In a childproof container:
  - All past 12 months consumers: 30%
  - Parents of children < 17: 19%
- In a locked container:
  - All past 12 months consumers: 30%
  - Parents of children < 17: 33%
- In a locked room:
  - All past 12 months consumers: 8%
  - Parents of children < 17: 12%
Accidental ingestion

In 2021, 8% of past 12-month consumers reported at least one case of accidental cannabis consumption in the home. Accidental consumption was most commonly reported for an adult, but included youth, children, and pets.

In the past 12 months, has anyone in your household accidentally consumed marijuana?  
% 'YES', AMONG PAST 12-MONTH CONSUMERS

- **All respondents**
  - AUS: 8%
  - NZ: 5%
  - CAN: 8%
  - USA: 7%

- **Past 12 month consumers only**
  - AUS: 16%
  - NZ: 8%
  - CAN: 4%
  - USA: 9%

Who was it that accidentally consumed marijuana?  
% 'AMONG RESPONDENTS REPORTING ACCIDENTAL INGESTION IN HOME, 2021

- **Me**: 54%
- **An adult**: 44%
- **A teenager**: 17%
- **A child <13 years**: 4%
- **A pet**: 5%
Cannabis risk perceptions

Risk perceptions of smoking tobacco cigarettes were highest, followed by alcohol and vaping cannabis. Risk perceptions were slightly lower for smoking cannabis.

In your opinion, what is the level of health risk from...

Smoking cigarettes daily

- Very low: 4%
- Low: 5%
- Moderate: 12%
- High: 24%
- Very high: 53%
- Don’t know: 3%

Drinking alcohol daily

- Very low: 3%
- Low: 8%
- Moderate: 24%
- High: 31%
- Very high: 31%
- Don’t know: 3%

Smoking marijuana daily

- Very low: 6%
- Low: 11%
- Moderate: 21%
- High: 21%
- Very high: 31%
- Don’t know: 10%

Vaping marijuana daily

- Very low: 3%
- Low: 8%
- Moderate: 17%
- High: 25%
- Very high: 34%
- Don’t know: 13%
Cannabis risk perceptions

Among cannabis products, use of high-potency concentrates was perceived as highest risk, followed by synthetic products. Lower risk perceptions were reported for using edibles and exposure to second-hand cannabis smoke.

In your opinion, what is the level of health risk from...

Consuming edibles daily

- Very low: 8%
- Low: 15%
- Moderate: 18%
- High: 20%
- Very high: 26%
- Don’t know: 14%

Using synthetic marijuana daily

- Very low: 3%
- Low: 7%
- Moderate: 14%
- High: 21%
- Very high: 35%
- Don’t know: 20%

Using high-potency concentrates daily

- Very low: 4%
- Low: 7%
- Moderate: 15%
- High: 23%
- Very high: 35%
- Don’t know: 18%

Exposure to second-hand marijuana smoke daily

- Very low: 7%
- Low: 16%
- Moderate: 20%
- High: 21%
- Very high: 22%
- Don’t know: 14%
Risk perceptions – By sex & use

In your opinion, what is the level of health risk from...
% Moderate – High risk

By sex

<table>
<thead>
<tr>
<th>Activity</th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smoke cannabis</td>
<td>73%</td>
<td>72%</td>
</tr>
<tr>
<td>Vape cannabis</td>
<td>76%</td>
<td>74%</td>
</tr>
<tr>
<td>Consume edibles</td>
<td>62%</td>
<td>65%</td>
</tr>
<tr>
<td>Use synthetic cannabis</td>
<td>67%</td>
<td>71%</td>
</tr>
<tr>
<td>Use high-potency concentrates</td>
<td>71%</td>
<td>72%</td>
</tr>
<tr>
<td>Exposure to second-hand cannabis smoke</td>
<td>62%</td>
<td>65%</td>
</tr>
</tbody>
</table>

By cannabis use

<table>
<thead>
<tr>
<th>Activity</th>
<th>Non past 12-month consumer</th>
<th>Past 12-month consumer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smoke cannabis</td>
<td>76%</td>
<td>61%</td>
</tr>
<tr>
<td>Vape cannabis</td>
<td>77%</td>
<td>65%</td>
</tr>
<tr>
<td>Consume edibles</td>
<td>68%</td>
<td>47%</td>
</tr>
<tr>
<td>Use synthetic cannabis</td>
<td>70%</td>
<td>67%</td>
</tr>
<tr>
<td>Use high-potency concentrates</td>
<td>74%</td>
<td>61%</td>
</tr>
<tr>
<td>Exposure to second-hand cannabis smoke</td>
<td>67%</td>
<td>48%</td>
</tr>
</tbody>
</table>
In your opinion, what is the level of health risk from...
% Moderate – High risk

By age

Smoke cannabis

Vape cannabis

Consume edibles

Use synthetic cannabis

Use high-potency concentrates

Exposure to second-hand cannabis smoke
Social acceptability of cannabis

One fifth of Australia respondents perceived general ‘approval’ for cannabis in 2021, similar to New Zealand, but less than Canada and the USA.

In your opinion, do people generally approve or disapprove of marijuana?

% ‘APPROVE’ OR ‘STRONGLY APPROVE’, AUSTRALIA

<table>
<thead>
<tr>
<th>AGE</th>
<th>Australia</th>
<th>New Zealand</th>
<th>Canada</th>
<th>USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-25</td>
<td>21%</td>
<td>20%</td>
<td>18%</td>
<td>21%</td>
</tr>
<tr>
<td>26-35</td>
<td>21%</td>
<td>20%</td>
<td>18%</td>
<td>21%</td>
</tr>
<tr>
<td>36-45</td>
<td>19%</td>
<td>19%</td>
<td>25%</td>
<td>36%</td>
</tr>
<tr>
<td>46-55</td>
<td>21%</td>
<td>20%</td>
<td>18%</td>
<td>21%</td>
</tr>
<tr>
<td>56-65</td>
<td>14%</td>
<td>13%</td>
<td>17%</td>
<td>14%</td>
</tr>
</tbody>
</table>

Among all respondents.

AUS NZ CAN USA
Social acceptability of cannabis

Over one in 10 respondents in Australia would feel comfortable using cannabis in public. Levels of social acceptability in Australia were similar to New Zealand, but lower than Canada and the USA.

How comfortable or uncomfortable would you feel openly using marijuana in public?
% ‘COMFORTABLE’ OR ‘VERY COMFORTABLE’, AUSTRALIA

<table>
<thead>
<tr>
<th>AGE</th>
<th>16-25</th>
<th>26-35</th>
<th>36-45</th>
<th>46-55</th>
<th>56-65</th>
</tr>
</thead>
<tbody>
<tr>
<td>11%</td>
<td>16%</td>
<td>18%</td>
<td>15%</td>
<td>6%</td>
<td></td>
</tr>
</tbody>
</table>

AMONG ALL RESPONDENTS.
Support for cannabis legalization

In 2021, just under half of respondents in Australia supported legalization of non-medical cannabis, with just under one third opposed. Levels of support for legalization were moderately lower than Australia and substantially less than Canada and the USA.

Recreational (non-medical) marijuana should be...
AMONG ALL RESPONDENTS

- Legal: 46%
- Illegal: 30%
- Don’t know: 24%

Recreational (non-medical) marijuana be ‘legal’
% ‘YES’ AMONG ALL RESPONDENTS, 2021

- AUS: 46%
- NZ: 49%
- CAN: 60%
- USA: 61%
Visit the study website for more information: [www.cannabisproject.ca](http://www.cannabisproject.ca).

**CONTACT**

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