



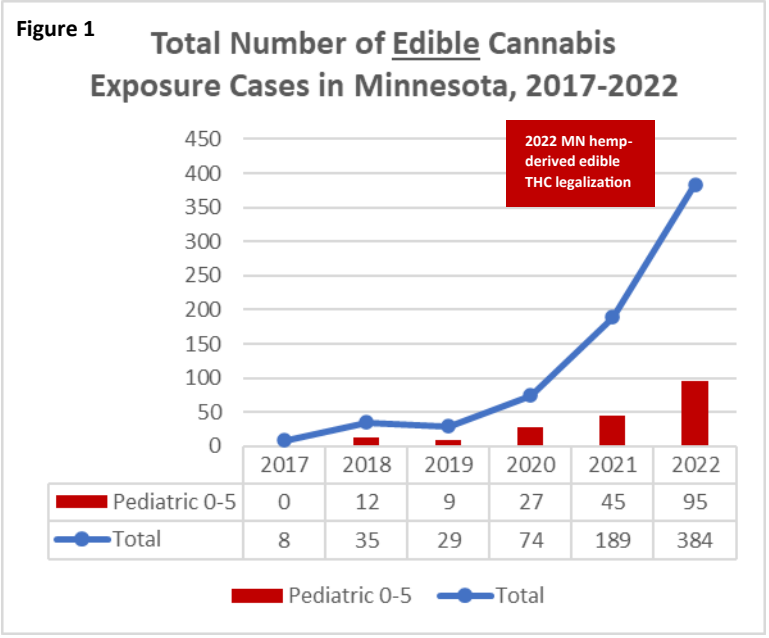
# Minnesota Poison Control System

1-800-222-1222

2022 Data Report on Cannabis Exposures in Minnesota

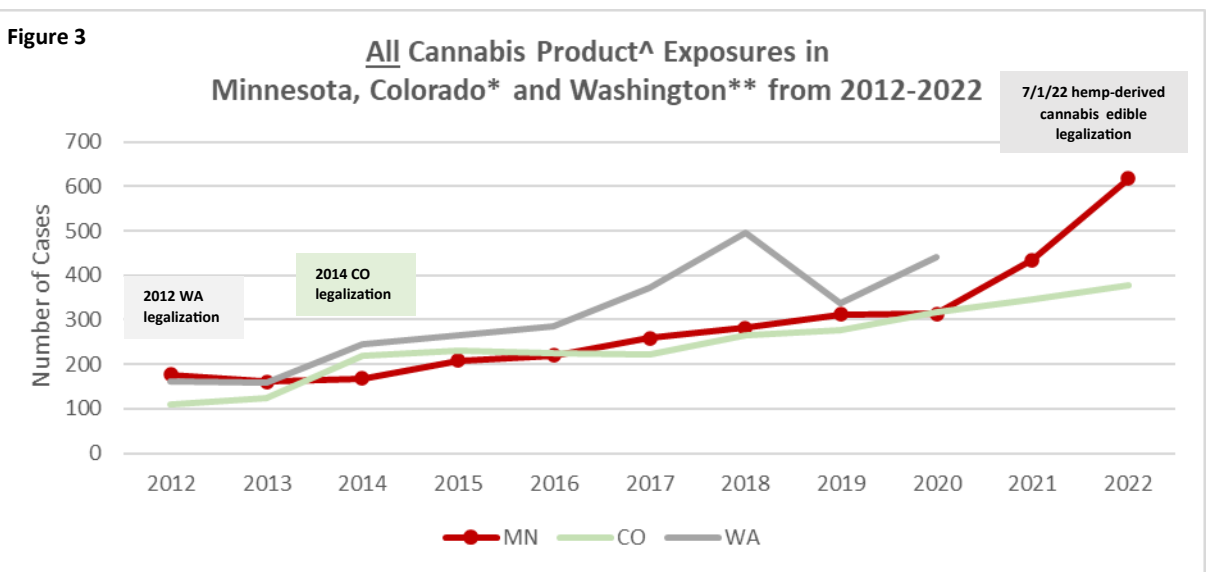
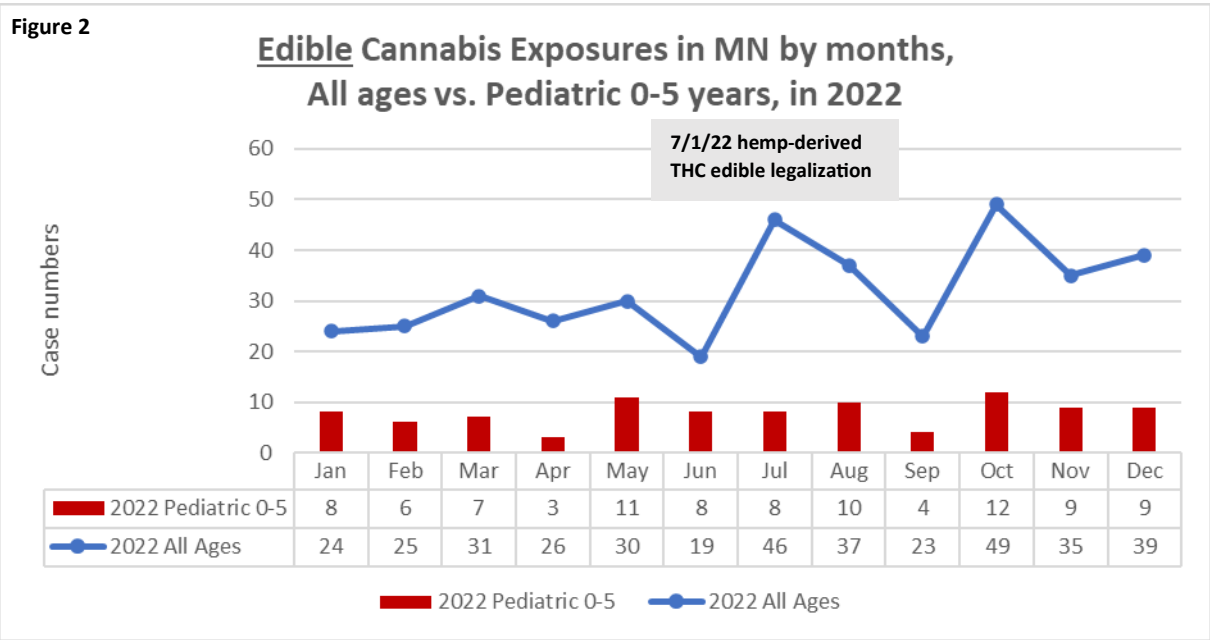
Reports to the Minnesota Poison Control System of cannabis exposures are showing increasing trends. More than a two-fold increase in edible cannabis exposures has been seen between 2021 and 2022 in children aged 0-5 and in all ages.

The most common clinical effects reported from exposure to cannabis included nausea, vomiting, altered mental status, lethargy, fast heart rate, and agitation/anxiety.



Children and cannabis safety: Keep the products out of the reach of children, out of their sight, don't consume in front of children. Call the Poison Center at 1-800-222-1222 for any potential exposure, 24/7, 365. All calls to the Minnesota Poison Control System are free and confidential.

Disclaimer: Reporting to the Minnesota Poison Control System is voluntary and the data likely results in underrepresentation of the true occurrence of exposure. Exposure is defined as an actual or suspected contact with any substance, regardless of toxicity or clinical manifestation. Exposures do not necessarily represent a poisoning or overdose.

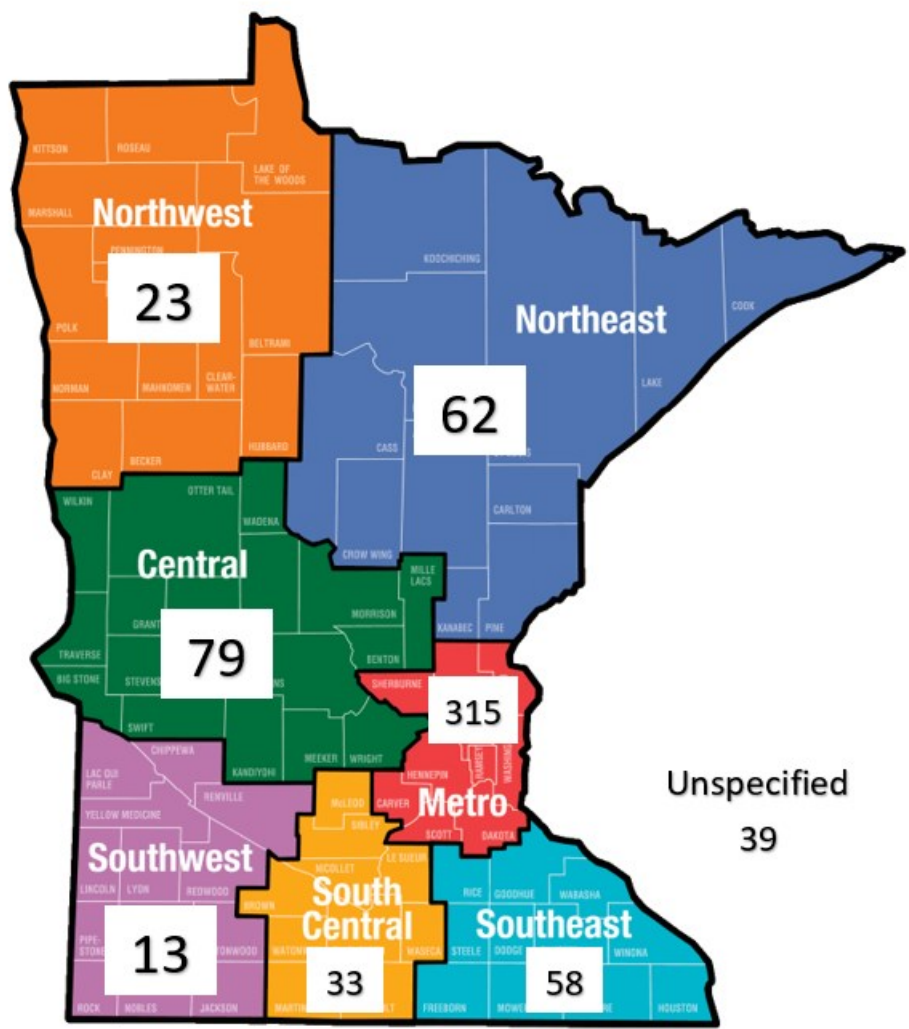


^Cannabis products include edibles, plants, concentrated extracts, oral pills/capsules, vape, topical and other/unknown.  
\*CO data provided by Rocky Mountain Poison and Drug Safety

# Cannabis Exposures by County Regions, 2022

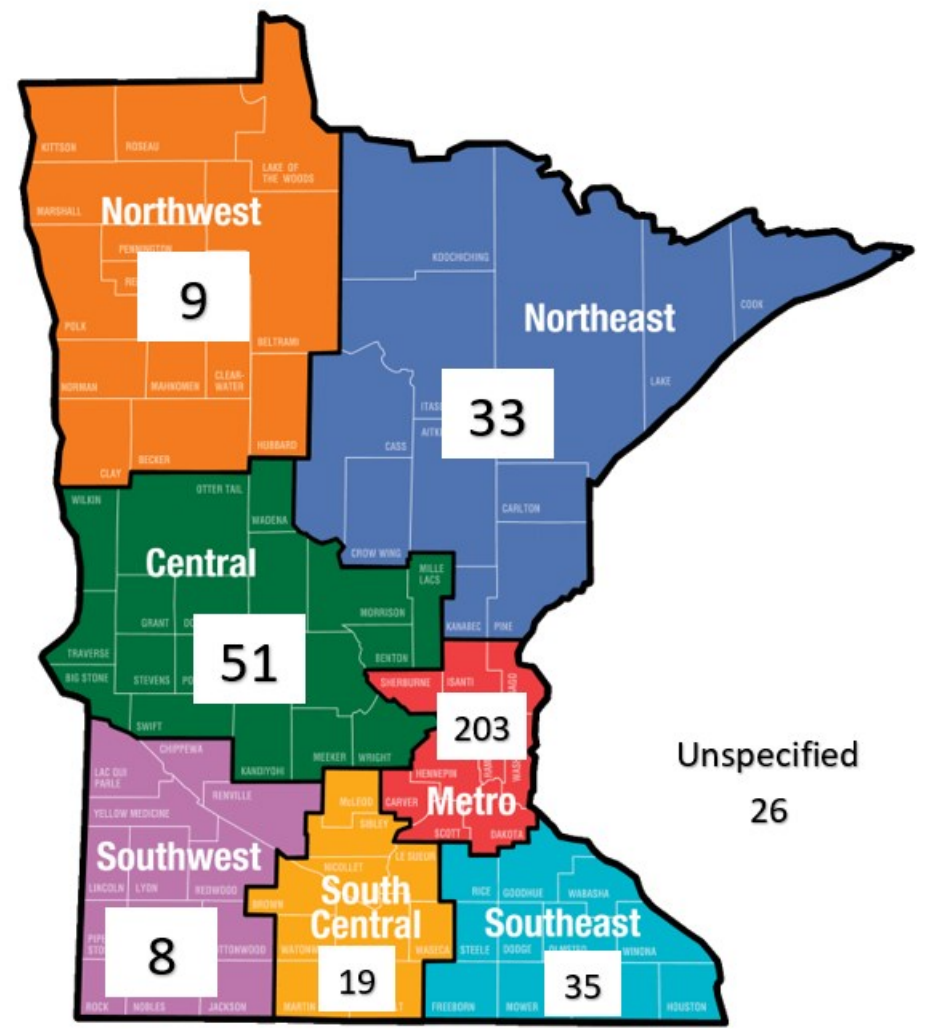
## All Cannabis Cases

(Includes plant, edibles, concentrated extract, pill/capsule, vape, topical, other/unknown)



## Edible Only Cannabis Cases

(includes all THC edibles and hemp derived edibles)

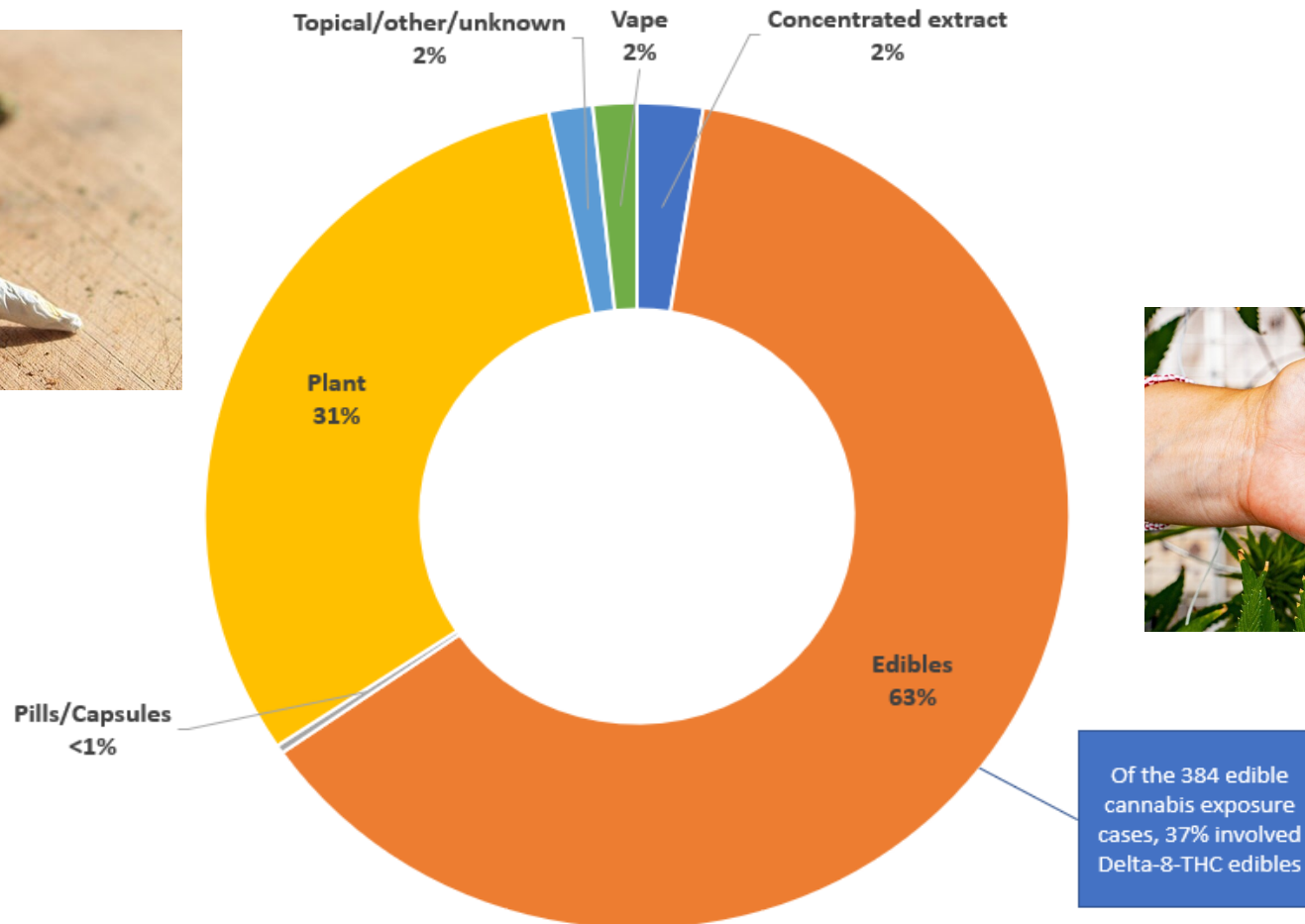


**Cannabis exposures were reported from all regions of Minnesota.**

# Breakdown of Types of Cannabis Products, 2022

## Types of Cannabis Products Involved in Exposures

Total = 622 cases



**Almost 2/3 of all cannabis exposures involved edibles.**

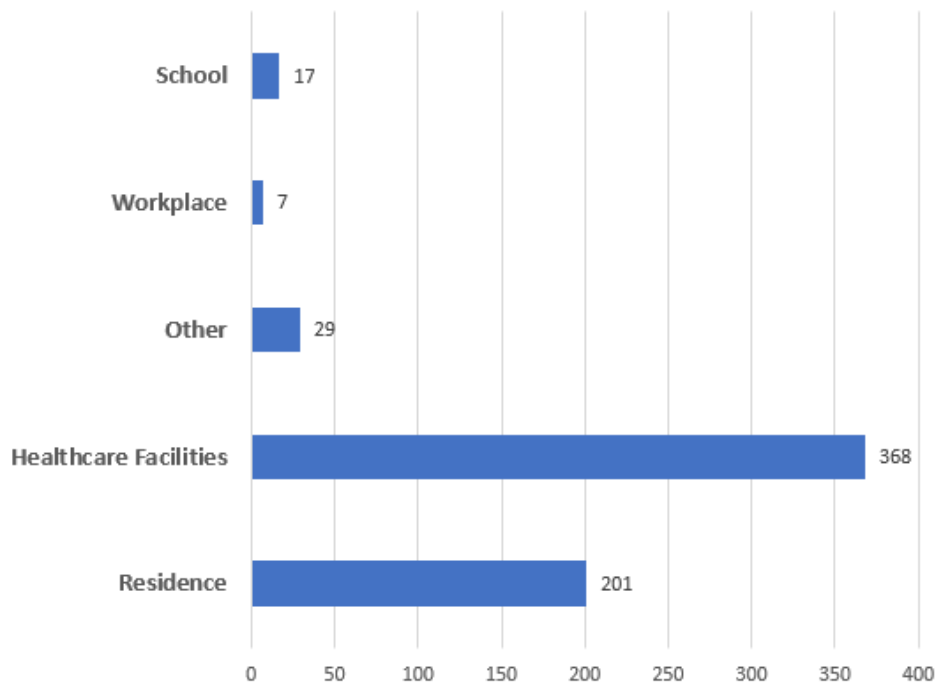
# Caller Sites for Cannabis Exposures, 2022



## All Cannabis Cases

(Includes plant, edibles, concentrated extract, pill/capsule, vape, topical, other/unknown)

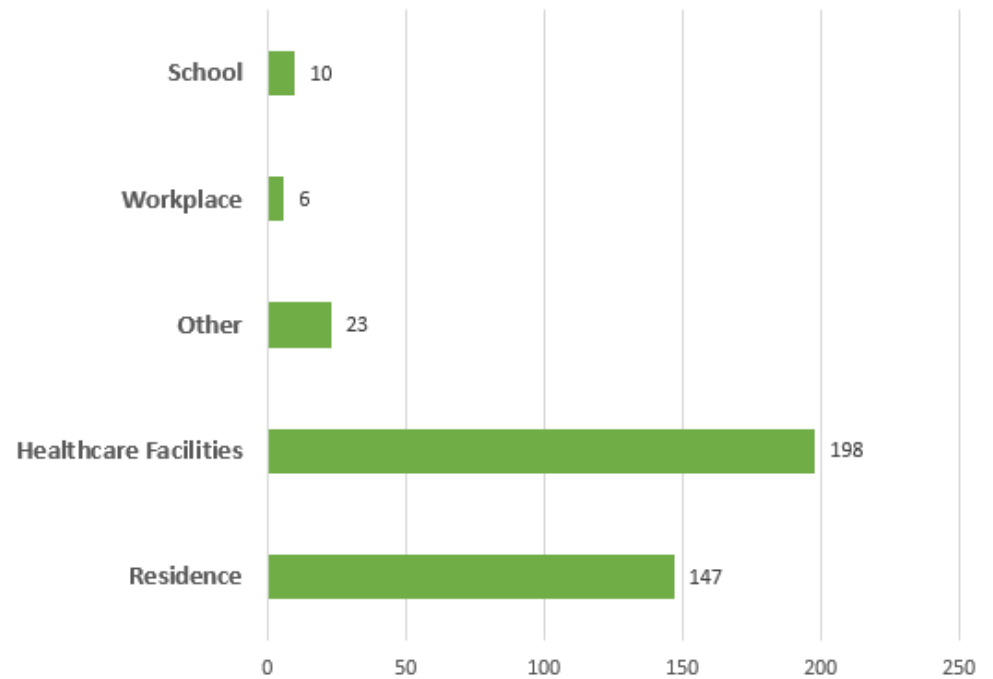
### All Cannabis Exposures by Caller Sites



## Edible Only Cannabis Cases

(includes all THC edibles and hemp derived edibles)

### Edible-only Cannabis Exposures by Caller Sites



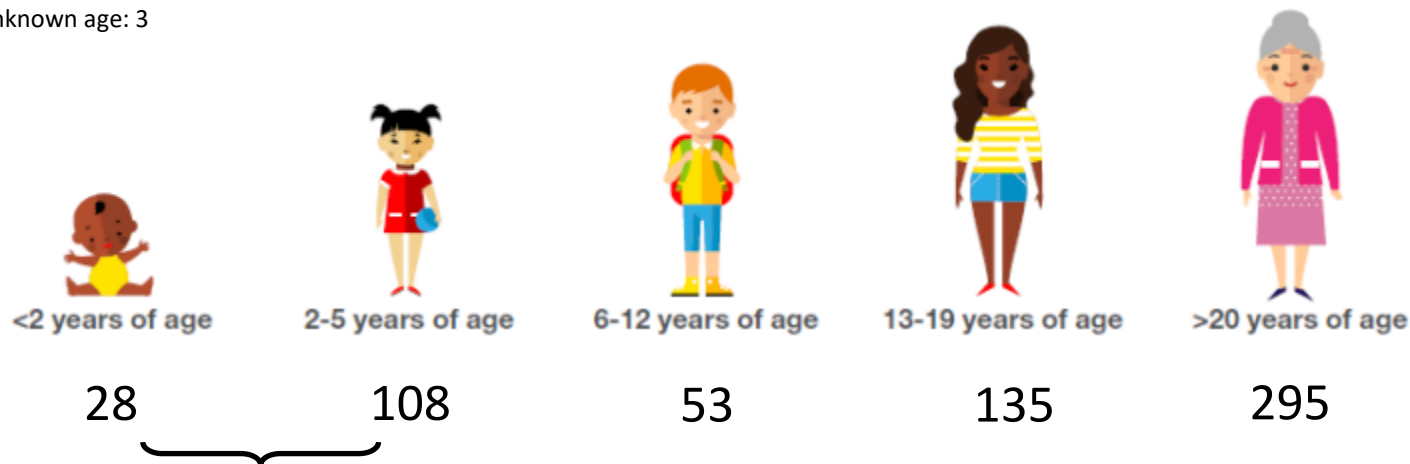
**About 60% of the calls regarding any cannabis exposures came from healthcare facilities seeking guidance from the Poison Center specialists. One-third of the calls came from residential settings.**

# Who is affected by Cannabis Exposures in MN, 2022

## All Cannabis Cases

(Includes plant, edibles, concentrated extract, pill/capsule, vape, topical, other/unknown)

Unknown age: 3

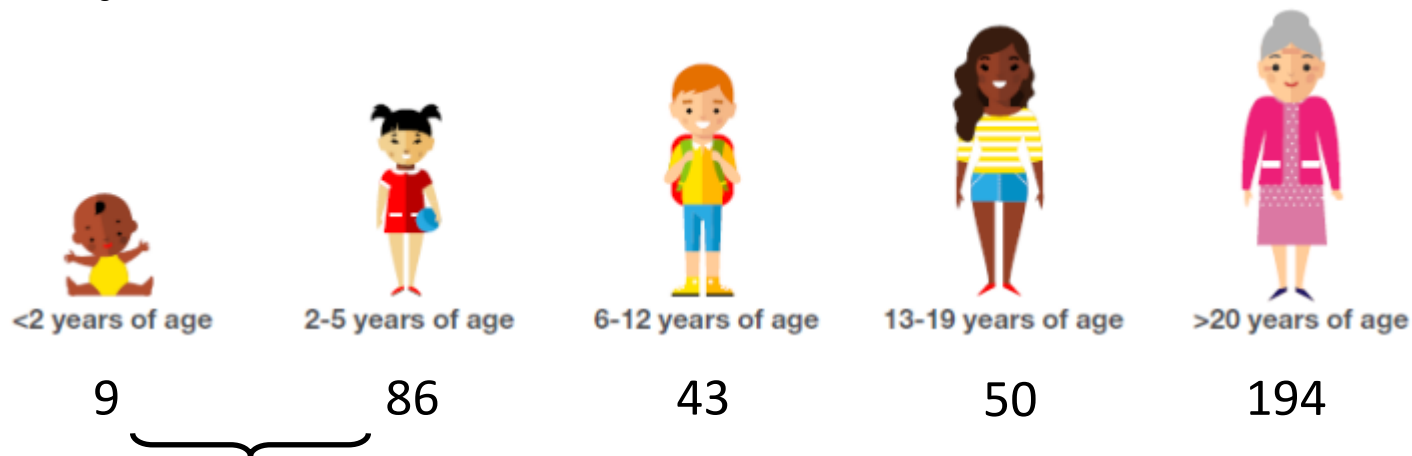


22% of all cannabis exposures involve children 5 and under

## Edible Only Cannabis Cases

(includes all THC edibles and hemp derived edibles)

Unknown age: 2



25% of all edible-only cannabis exposures involve children 5 and under

**Children aged 0-19 were involved in 52% of all cannabis exposures in 2022.**

**Of the edible-only cannabis exposures, 25% involved children 5 and under.**

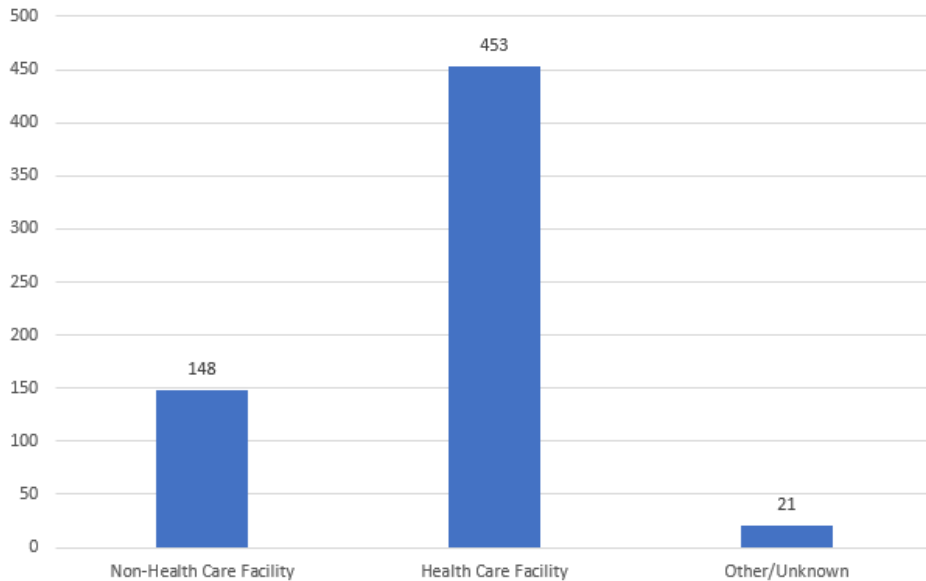
# Management Sites for Cannabis Exposures, 2022



## All Cannabis Cases

(Includes plant, edibles, concentrated extract, pill/capsule, vape, topical, other/unknown)

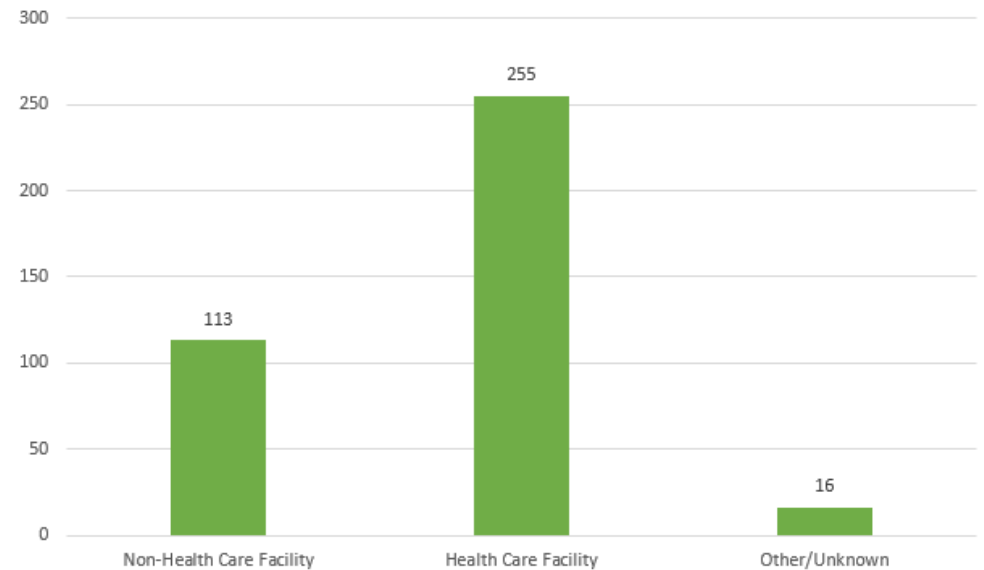
Management Sites for All Cannabis Products in MN, 2022



## Edible Only Cannabis Cases

(includes all THC edibles and hemp derived edibles)

Management Sites for Edibles Only Cannabis Products in MN, 2022



**About 73% of all cannabis exposures were managed in the health care facility setting.**

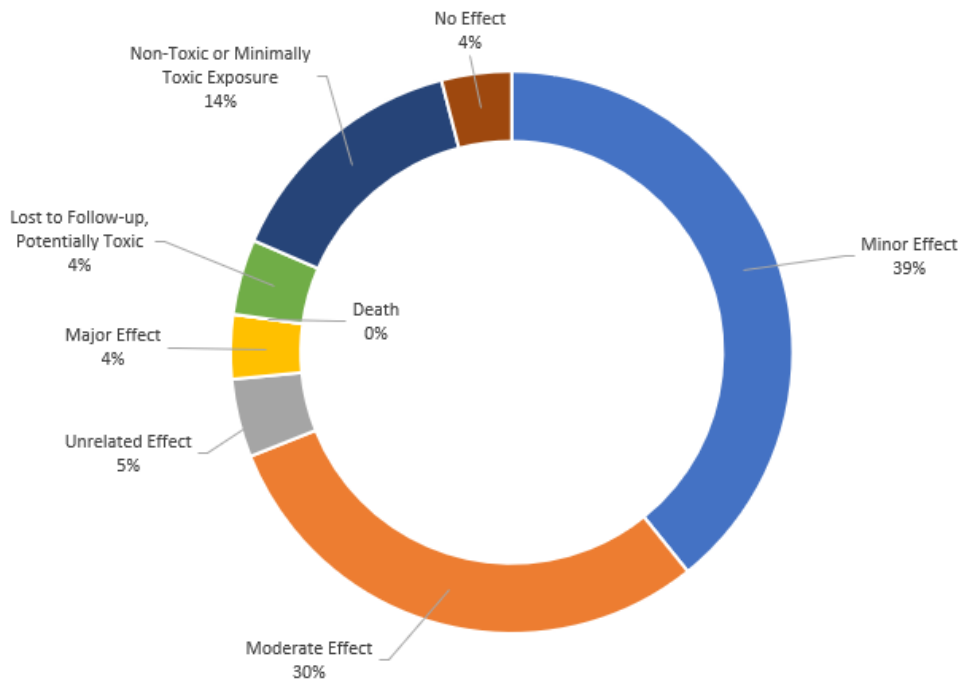
**Of the edible cannabis exposures occurring in a residential setting, 65% were safely managed at home with Poison Center assistance.**

# Medical Outcomes for Cannabis Exposures, 2022

## All Cannabis Cases

(Includes plant, edibles, concentrated extract, pill/capsule, vape, topical, other/unknown)

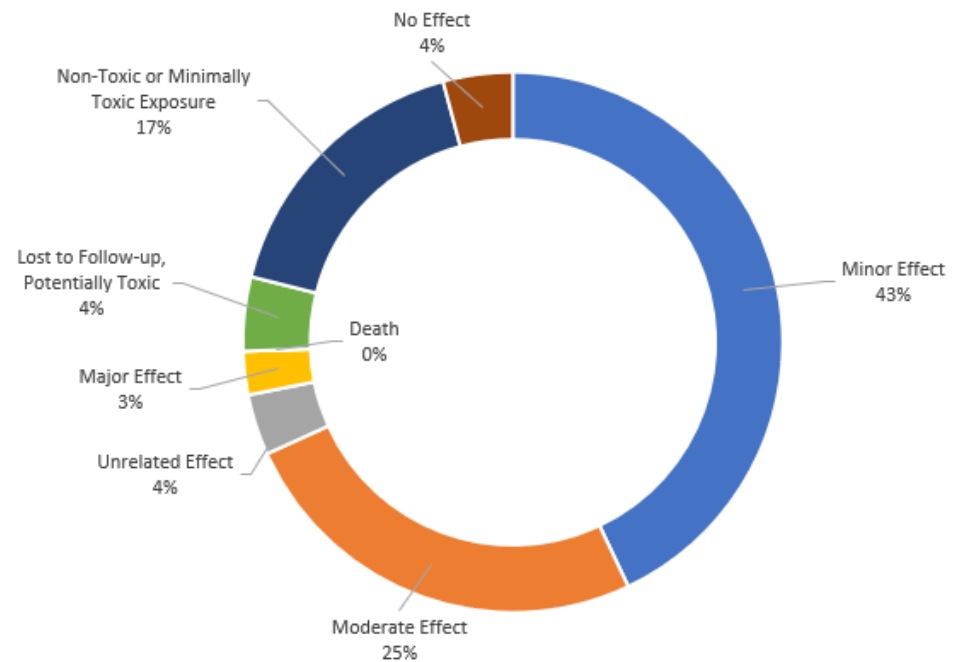
### All Cannabis Exposures by Medical Outcomes



## Edible Only Cannabis Cases

(includes all THC edibles and hemp derived edibles)

### Edible Only Cannabis Exposures by Medical Outcomes



**Majority of the exposures to cannabis resulted in minor or moderate effects, such as nausea, vomiting, altered mental status, lethargy, fast heart rate, and agitation/anxiety. No deaths were reported from cannabis exposures.**

Minor effect: symptoms are minimally bothersome and usually resolve rapidly.

Moderate effect: symptoms are more prolonged or more of a systemic nature. Although not life-threatening, usually some form of treatment is indicated.

Major: symptoms are life-threatening or resulted in significant residual disability/disfigurement.

## Minnesota Poison Control System and Cannabis SAFETY, PREVENTION and SURVEILLANCE



### Poison Center and Cannabis SAFETY

The Minnesota Poison Control System provides poison exposure assessment and management to the general public and to healthcare professionals from across the state. Calls are managed by an expert-level team of pharmacists and poison information providers who assist Minnesotans in resolving poison and toxic exposures. The service is provided through a national toll-free telephone number (1-800-222-1222) that is accessible by both voice and TTY, and it is available 24 hours a day, 365 days a year. Calls are confidential and free to all Minnesotans.





## Cannabis Exposure PREVENTION Education Ideas

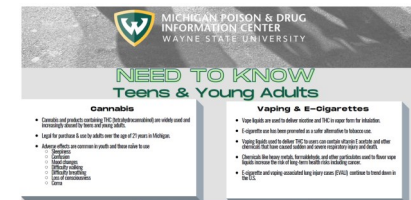
The Washington Poison Center, in partnership with the Washington Liquor and Cannabis Board, launched the Not For Kids warning symbol for identifying marijuana edible product.



The NYC Poison Center developed Edible safety palm cards for quick facts on edible cannabis products, symptom recognition, safe storage, and the Poison Help number.



The Michigan Poison and Drug Information Center developed a fact info sheet for Teens and Young Adults on Cannabis, Vaping and E-cigarettes.



### Presentations

In-person or virtual presentations by request for various age groups, including young children, teenagers, and older adults.

Lectures and CE presentations for healthcare providers on the clinical management of cannabis toxicity.

### Training

Online training modules to “Train the Trainer” for prevention professionals and community coalitions. WA Poison Center has conducted these workshops on E-cigarettes (marijuana and nicotine)

### Social Media Campaign

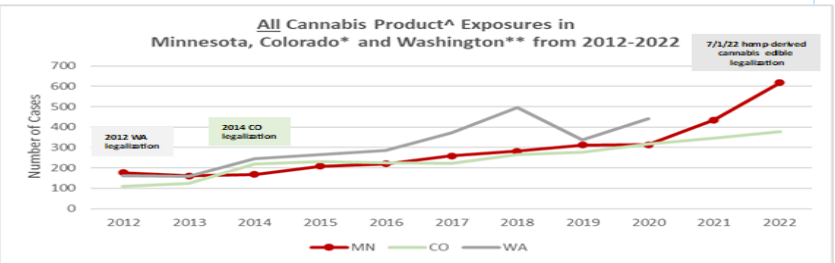
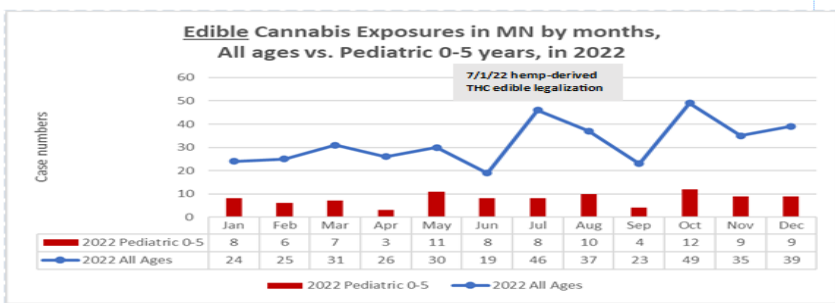
America’s Poison Centers and local poison centers have been sharing cannabis safety and prevention through social media campaigns.



# Minnesota Poison Control System and Cannabis SAFETY, PREVENTION and SURVEILLANCE

## Poison Center Data and SURVEILLANCE

The Minnesota Poison Control System provides real-time surveillance of emerging health threats, and collaborates closely with the Minnesota Department of Health and local public health entities. In the event of unusual or high risk poisonings, the Minnesota Poison Control System notifies public health officials to allow investigation and further assessment of threat on public health.



The Minnesota Department of Health is investigating exposures to synthetic drugs. We ask you to ask patients:

- Are you now or have you recently used synthetic drugs (such as synthetic marijuana, bath salts, or other substances)?
- What have you used (ask for brand name)?
- How did you use it; and where did you get it?

The clinical toxidrome initially seen for these agents is very similar:

- agitation
- tachycardia
- hallucinations
- hypertension
- bizarre behavior

**Exposure to Synthetics?**  
**Please call Poison Center**  
to report every suspect case in Minnesota (November 2013-January 2015): **1-800-222-1222**