



Integral. Essential. Connected.



At the heart of public health.



When it comes to the health and wellbeing of the people of Missouri, the Missouri Poison Center is an important part of the picture. We're woven into the fabric of the public health system, providing crucial care, data, surveillance, education, and outreach. We adapt to new trends and fresh challenges by adjusting our processes, broadening our knowledge, and working to answer the call to help. We never close. We never stop advancing. We never leave a caller without answers. We are steadfast, diligent, and resilient, just like the communities we serve.

MATERNAL, CHILD AND FAMILY HEALTH



Safeguarding against childhood poisonings and providing information about the safety of medications during pregnancy and breastfeeding

LINK TO MEDICAL AND COMMUNITY RESOURCES



Working with EMS, police, and healthcare providers to provide triage advice and information on overdose and possible poisonings

INJURY PREVENTION



Reducing access to poisons through child-resistant packaging, reminders to lock products up, away, and out of sight of children, and safe medication disposal education

EMERGING POISON TRENDS



Addressing the dangers of the latest poison trends affecting our communities now. From popular medicines, cannabis, hazardous products, and emerging drugs of abuse

EMERGENCY PREPAREDNESS

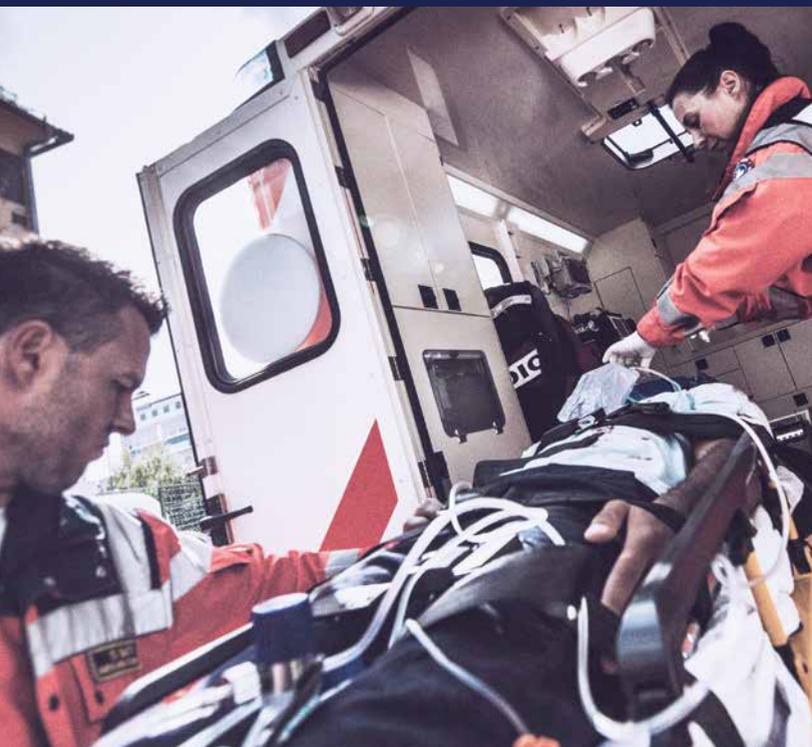


Providing safety assistance after disasters, including mitigating carbon monoxide dangers and addressing environmental concerns of lead, mold, and other toxins

COMMUNITY PARTNERSHIPS



Educating teachers, health departments, parent groups, businesses, daycares, and many other organizations in order to reduce risk of exposure to injury from poisons

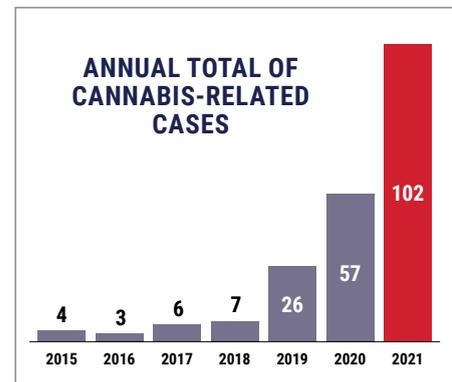


A LEGACY OF EXPERTISE. A HISTORY OF CARING.

For more than six decades, the Missouri Poison Center has served Missourians of all ages with 24/7 access to free, fast, confidential help. We work to reduce exposure to and harm from a variety of toxins, from cleaners and chemicals to venom and gases to substance abuse and overdoses. As a safety net partner in public health, we work closely with medical professionals and healthcare systems to help ensure the health and wellbeing of individuals and communities. We're here for Missouri. We're here for good.

CANNABIS AND KIDS: HIGH STAKES

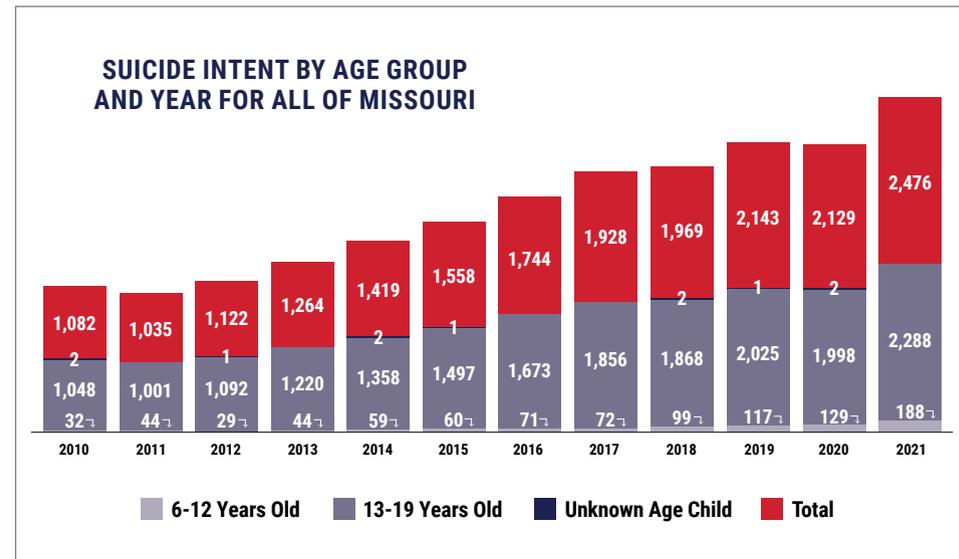
With the wider availability and use of cannabis comes the risk of increased exposure to kids. The Missouri Poison Center has seen a steady increase of cases related to children five years and younger consuming cannabis products such as gummies, chocolate, or cookies, with most exposures in children ages two to three. In fact, our data shows that the total number of cases has more than doubled every year since 2018, in part because edible products are usually packaged with multiple doses per pack and children tend to eat large



amounts. The Missouri Poison Center provides parents and other caregivers with non-judgmental, medically sound advice based on the exposure, clearly discussing the risks and whether the child needs to be evaluated in an emergency department.

SELF-HARM: TEENS AND TWEENS AT RISK

Teens and tweens continue to attempt to take their own lives in record numbers. The number of suicide attempts has more than doubled since 2010 and has risen more than 16% from 2020 to 2021. Female attempts outpace male, and the greatest overall increase is among younger tweens. The reasons driving this alarming trend are unknown,



although some have speculated that the pressures of virtual learning and the decrease in in-person socialization may have played a role. The Missouri Poison Center continues to work toward reducing poisonings and overdoses through data collection, public awareness, and education.

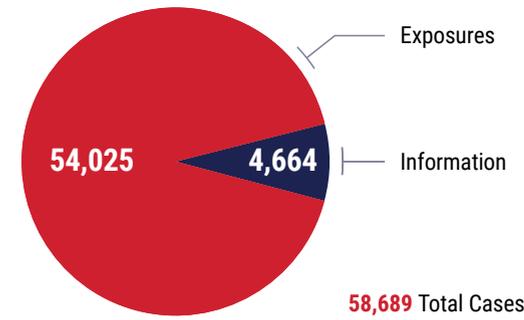
TOP 10 SUBSTANCES INVOLVED IN TEEN SELF-HARM EXPOSURES

1. Pain Relievers
2. Antidepressants
3. Mental Health Medicines
4. Antihistamines
5. Cardiovascular Drugs
6. Anticonvulsants
7. Stimulants and Street Drugs
8. Cold and Cough Medicines
9. Alcohol
10. Household Cleaning Products

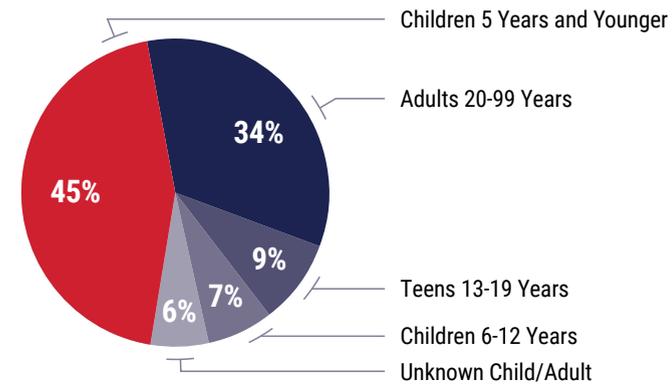
ANSWERING THE CALL

We answer all poison-related concerns, whether or not there's an emergency, in 150 languages and for the hearing impaired at 1-800-222-1222.

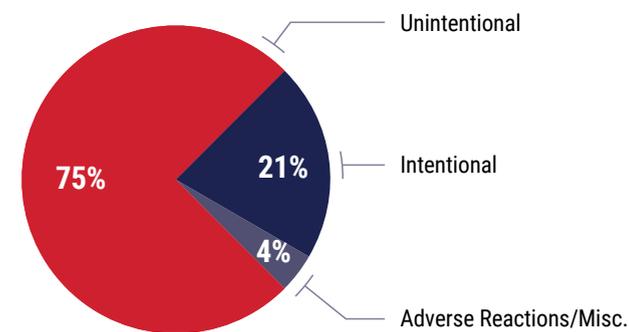
CASE TYPE



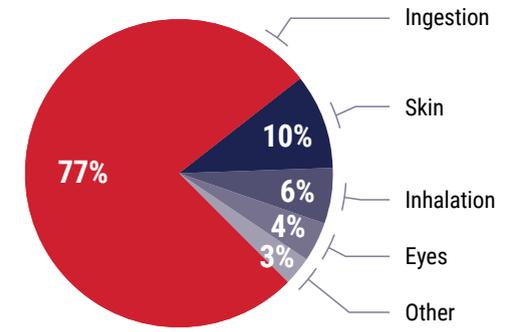
PATIENT AGE



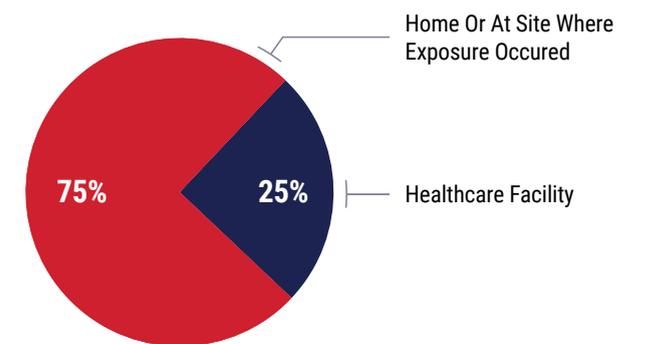
REASON FOR EXPOSURE



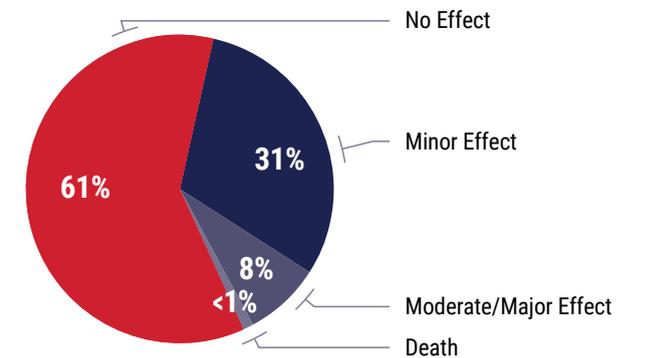
ROUTE



TREATMENT SITE



MEDICAL OUTCOME



TOP 10 SUBSTANCES INVOLVED IN EXPOSURE CALLS

- | | | |
|--|---------------------------------------|--|
| 1. Pain Relievers (7,910) | 5. Mental Health Medications* (3,528) | 8. Dietary Supplements/Herbals/Homeopathic (2,633) |
| 2. Household Cleaning Substances (4,812) | 6. Cardiovascular Drugs (3,329) | 9. Foreign Bodies/Toys (2,318) |
| 3. Antidepressants (4,417) | 7. Antihistamines (3,889) | 10. Stimulants and Street Drugs (2,075) |
| 4. Cosmetics/Personal Care (3,732) | | |

*Sedatives/Hypnotics/Antipsychotics

LIFE-SAVING LESSONS

Education remains at the forefront of our efforts to reduce the risk of poisonings. We provide virtual and in-person training tailored to the individual, organization, and health professionals partnering to preserve public health.

EDUCATING THE PUBLIC

The Missouri Poison Center furthers its commitment to reaching and teaching all Missourians by providing educational materials, giving presentations, and joining coalitions and partnerships.

- Teaching at health fairs
- Distributing educational materials
- Disseminating monthly newsletter
- Partnering with county health departments
- Collaborating with Safe Kids and other injury prevention coalitions
- Presenting to various groups and organizations

EDUCATING PROFESSIONALS

As a partner in public health, the Missouri Poison Center is proud to provide physicians, nurses, medical professionals, and hospitals with lifesaving treatment advice, education, and data. Again this year, 100% of Missouri hospitals contacted the poison

center for poisoning and overdose consultations. A consultation with the poison center specialists provides just in time training and to strengthen that training our website offers trending topic education and an updated antidote chart, which is available at <https://missouripoisoncenter.org/poison-information-health-care-providers/>

- Providing educational programs for licensed health care providers, medical residents, fellows in training, students from across medical disciplines, first responders, EMS providers, advanced pharmacy candidates and more
- Offering presentations on-site, at universities and at health care facilities throughout Missouri
- Distributing our quarterly *Poison Alerts* healthcare newsletter

HIGH-TOUCH MEETS HIGH-TECH

In addition to our telephone help line, we reach out to Missourians through technology. We have completely updated and redesigned our website, missouripoisoncenter.org, to make it an even more useful portal for information, education, assistance, and outreach. Our text and chat service help those who can't (or prefer not to) talk on the phone get the help and information they need.

Our social media presence on Facebook, Twitter, Instagram, and TikTok enables us to post trending topics, provide lessons for educators, and offer access to educational materials.



Perhaps our biggest technological advancement is our new app. The app provides free poison information anywhere, anytime with minimal storage use on smartphones. It's an easy way for people to

click to connect with a poison specialist to obtain the information they need most during stressful situations or to play our mistaken identity game to learn about poison look alikes.

More information can be found at the URL below, and the app can be easily downloaded at the Apple App Store, on Google Play, or by scanning the QR code shown here.

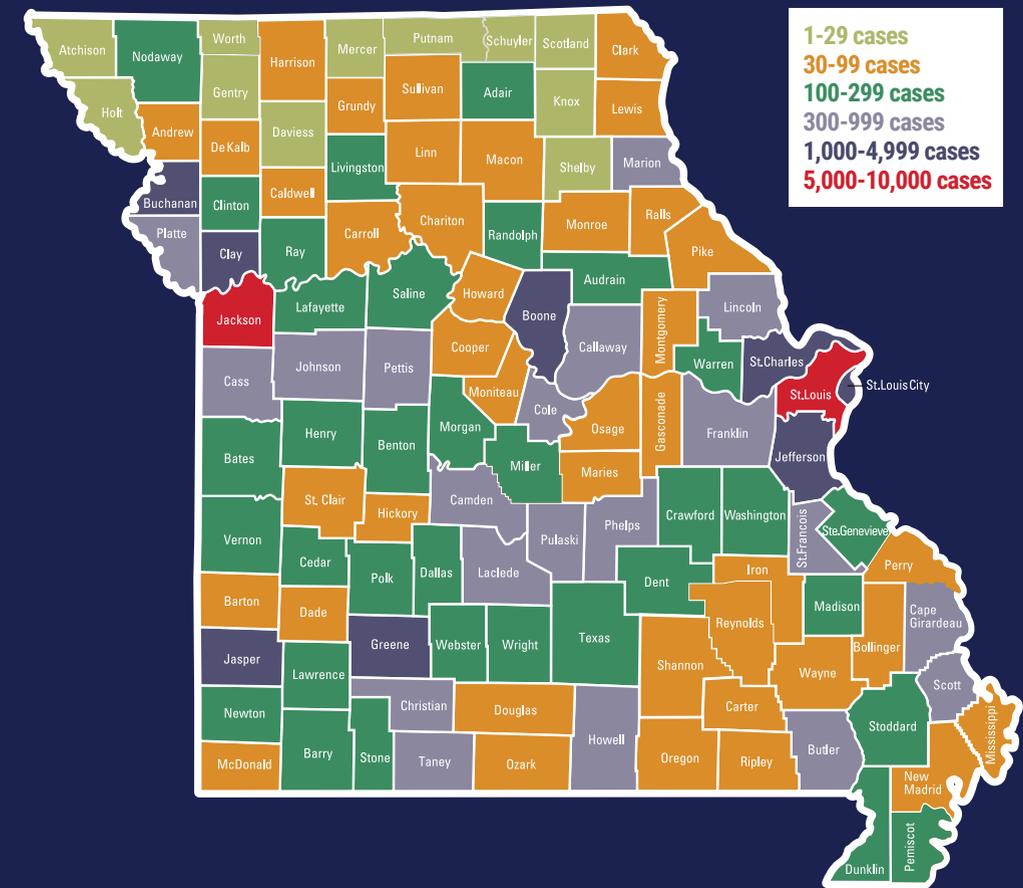


<https://missouripoisoncenter.org/get-the-app/>

THANK YOU TO EVERYONE WHO MAKES US POSSIBLE!

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2021 CASES REPORTED TO THE MISSOURI POISON CENTER PER COUNTY



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