

I O W A
POISON
CONTROL CENTER



FY 2022 ANNUAL REPORT

Tel: 800-222-1222

Website: iowapoison.org

401 Douglas, Ste. 501

Sioux City, IA 51101

POISON
Help
1-800-222-1222



A MESSAGE FROM THE EXECUTIVE DIRECTOR

"Far and away the best prize that life offers is the chance to work hard at work worth doing."
--Theodore Roosevelt


The Iowa Poison Control Center (IPCC) is proud to be serving Iowa residents and health care providers for over two decades. Staffed by nurses, pharmacists and physicians specially trained in toxicology, the IPCC provides life and resource saving services. The IPCC also shares its poisoning expertise through public and professional education to thousands of Iowans.

The healthcare industry continues to change...the aging population, nursing shortages, advances in technology, management of disease, value-based care models and an emphasis on improved affordability, quality, access, and experience. Poison control centers play a central role in delivering care efficiently, cost-effectively, in the home and via remote management (poison centers were among the earliest pioneers in the field of telemedicine). Nearly **90%** of calls from the public are safely managed on-site with poison center advice and follow-up. This results in an annual savings of over \$16 million in avoided health care costs in Iowa.

We often hear about the increase in prevalence of mental illness. At the IPCC, we have seen first-hand the increase in cases involving suicide attempts by poisoning especially among adolescent girls. Since Iowa law does not require hospitals and healthcare facilities to report poisonings and overdoses to the IPCC, the data likely captures only a portion of the self-harm attempts in Iowa's youth.

This year the IPCC is focused on two ambitious goals: 1) attract and retain top talent; and 2) ensure long-term sustainability. Efforts will also focus on achieving the highest possible degree of operational efficiency while delivering on strategies to advance its mission.

On behalf of the IPCC, I wish to thank our elected officials, state and federal partners, Iowa hospitals, and many supporters in both the public and private sectors. I'm also thankful to our Board of Directors, as well as the IPCC's outstanding staff who have given so much of themselves over the years and are committed to sharing the goals of the IPCC.



Linda B. Kalin, RN, BS, CSPI
Executive Director

OUR MISSION

To reduce illness, deaths and costs associated with poisoning by providing 24-hour emergency telephone advice, poison prevention information and education.

24-Hour Emergency Telephone Advice

Calls are answered 24/7/365 by specially trained nurses, pharmacists, and physicians

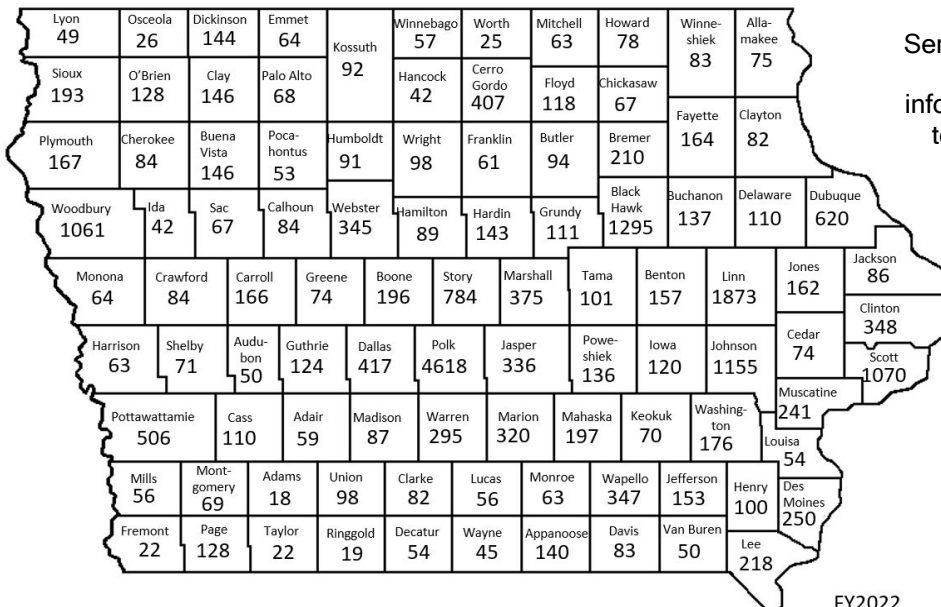
FY 2022 Facts at a Glance

- Managed 23,778 cases
- 57% of cases involved children <19 years of age
- 48,066 follow up calls were made
- 88% of cases occurred in a residence
- 62% involved a medication or street drug
- 4,720 cases involved intentional suicide attempts, an increase of 80 cases over last year and 300% increase since 2011
- 32% of calls come from health care providers in hospital emergency departments across Iowa

Data and Surveillance

All 55 of the nation’s poison centers upload de-identified case data to the National Poison Data System (NPDS), the only poison information and surveillance database in the U.S. and maintained by the American Association of Poison Control Centers. There are more than 74 million case records with data uploaded every 8 minutes. The national near real-time surveillance system allows for real-time detection of anomalies and events of public health significance. NPDS is continuously monitored and generates system alerts on adverse drug events and other drug or commercial products of public health interest such as contaminated food or product recalls.

IPCC Calls by County



Serving all 99 counties, the IPCC provides immediate poison information and treatment advice to the public and health care providers.

Savings Lives. Saving Money

In addition to saving lives, the IPCC saves Iowa millions of dollars each year. Last year 13,616 cases were safely managed at the site of exposure (residence, school, workplace) saving Iowa taxpayers at least \$16 million in healthcare costs. The average cost of an ER visit is \$1,377 (Iowa Hospital Association data) and studies show if the IPCC wasn't available, at least 73% of people would go to the ER. National studies show a high return on investment of the poison center system from avoided medical utilization, reduced hospital length of stay and savings due to reduced work-loss days.

Health care providers frequently rely on the IPCC for expert advice on poisoning and overdose cases. These cases are often complex and require more expertise, including consults with our physician toxicologists who are available 24/7/365. The number of case consults from healthcare providers, primarily from hospital emergency departments, increased from 7,372 in FY2021 to 7,580 in FY2022. Other healthcare providers utilizing our services include school nurses, EMS providers, urgent cares, coroner/medical examiners, nursing homes, chronic care facilities, and substance abuse facilities.

Thank you to our Iowa hospitals for partnering with the IPCC and providing financial contributions to help support our operations!

Poison Prevention Information

The third full week in March each year is National Poison Prevention Week (NPPW), a week dedicated to raising awareness of the dangers of poisonings and promote community involvement in poisoning prevention. This is also a time to raising awareness to poison control centers and its Poison Help Hotline (1-800-222-1222). During NPPW in March 2022, the IPCC distributed a partner toolkit to promote social media messaging and NPPW graphics for the week. The toolkit was shared with SAFE Kids coalitions, Child Care Resource & Referral agencies, Iowa Department of Public Health, injury prevention organizations, hospitals, physician clinics and Safety Stores. Contact the IPCC education office at 712-279-3717 to be added to the 2023 NPPW distribution list.

POISON CENTERS: *Here for the Ages*



March 20-26, 2022 · National Poison Prevention Week

Your actions to reduce poisonings can make a difference.

- Add the Poison Helpline number, 1-800-222-1222, as a contact in your cell phone.
- Visit iowapoison.org for more poison prevention ideas. On the website you can order a poison prevention [home packet](#) or [bulk materials](#), [download materials](#), and find education materials for teaching [children](#) and [seniors](#).
- Participate in National Poison Prevention Week activities annually the third full week of March. Contact the IPCC education office at 712-279-3717 to learn more.
- Engage with us on social media. Like, comment, and share our poison prevention messages on Facebook and Twitter.
- If you are a community partner, post the PCC phone number on your website and link to www.iowapoison.org.

Education and Outreach

As part of its public health mission, the IPCC provides public and professional education throughout Iowa. Public education is delivered through direct programming, community partnerships, statewide distribution of multilingual materials, safety fairs and social media messages. A summary of activities this past year include:

- Distributed 56,170 poison prevention materials (phone stickers, magnets, brochures and posters) throughout Iowa's 99 counties via partnerships and educational events.
- Distributed various poison prevention materials at the Des Moines Farmers Market in June 2022 through a partnership with UnityPoint Health - Pediatrics. Approximately 25,000 people attend the Farmers Market each Saturday.
- Distributed poison prevention information at the Sioux City Farmer's Market (2,000 to 2,500 people visit the market on Saturdays).
- Increased awareness about poisoning and ways to prevent poisoning through social media. Poison prevention and safety messages are posted on Facebook and Twitter three to four times a week. These messages are frequently shared and retweeted by IPCC friends and followers along with other public health and safety agencies. The IPCC currently has 643 Facebook and 361 Twitter followers.
- Other popular safety messages include outdoor plant safety, food poisoning, cough and cold medicine use with children, magnet safety, child-resistant packaging, and National Poison Prevention Week.

Facebook Activity

Iowa Poison Control Center
Published by Semrush [?] · Favorites · January 10

Find that pill

You may think it takes a handful of pills to cause an overdose, but that's not the case. If you drop a pill, pick it up. Even a small amount of the wrong medicine can be deadly for a small child or pet.

It's worth reaching under the bed or crawling behind the sofa to make sure your meds don't get into the wrong hands (or paws)! We're here to help if anyone finds trouble at 1-800-222-1222, 24/7.

#poisonprevention #keepkidssafe #medsafety

Performance for your post

1,789 People Reached

16 Likes, Comments & Shares

12 Likes	4 On Post	8 On Shares
0 Comments	0 On Post	0 On Shares
4 Shares	4 On Post	0 On Shares

8 Post Clicks

3 Photo views	0 Link clicks	5 Other clicks
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NEGATIVE FEEDBACK

2 Hide post	0 Hide all posts
0 Report as spam	0 Unlike Page

Reported stats may be delayed from what appears on posts

Tweet activity

IA Poison Center @IAPoisonCenter
Find that pill

Even a small amount of the wrong medicine can be deadly for a small child or pet.

It's worth crawling behind the sofa to make sure your meds don't get into the wrong hands (or paws)! We're here to help if anyone finds trouble at 1-800-222-1222, 24/7.
pic.twitter.com/V1lcrNDFWJ

Impressions	384
Total engagements	9
Likes	7
Retweets	2

The IPCC continues to partner with numerous agencies and organizations across the state to expand the reach and impact of our awareness and poison prevention activities. This enables the IPCC to educate other organizations with similar missions, reach more target audience members, share ideas, and expand our resource pool.

- Poison prevention programs were provided to over 500 children ranging from preschoolers to teenagers through community partners including Head Start, daycare providers, Child Care Resource & Referral agencies, WIC clinics, Red Cross, county extension officers, pharmacies, hospitals, physician clinics, Rural Health Clinics and Community Health Clinics.



The IPCC and UI Medical Toxicologists provide professional education for licensed health care providers, residents in training and students. This includes onsite presentations as well as at universities and health care facilities throughout Iowa.

- The IPCC gave 17 educational programs throughout the state (in-services, CE conferences, grand rounds) presented by nurses, pharmacists and physicians who are trained and nationally certified in toxicology. Audiences included health care providers, substance abuse treatment providers, juvenile and family court workers, law enforcement, probation officers, prevention specialists, mental health specialists, school nurses, EMS providers, educators and community organizations.
- The center serves as a clinical rotation site for pharmacy students, pharmacy residents, medical students, family medicine and emergency medicine residents.
- IPCC publishes a monthly e-newsletter, *Poison Hotline*, for health care providers that contains educational, relevant and timely information on toxicology-related topics.

In FY 2022, the IPCC conducted 22 media interviews via radio, TV and newspaper outlets which highlighted various poisoning trends including COVID-19-related calls, Halloween hazards, holiday plant hazards, National Poison Prevention Week's general poison prevention safety messages, melatonin, carbon monoxide poisoning and fentanyl overdoses. The IPCC also collaborated with the environmental health division at the Iowa Department of Public Health on 2 news stories for La Reina, a Latino media outlet in Des Moines, Iowa. Topics included carbon monoxide and National Poison Prevention Week.

In Loving Memory . . .



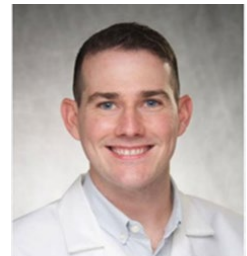
Dr. Edward Bottei
8/27/1966 - 4/27/2022

Our beloved friend, colleague and Iowa Poison Control Center Medical Director of 20 years passed away on April 27, 2022. Dr. Edward Bottei was a brilliant man, quadruple-boarded physician-scientist and master clinician. This extraordinary teacher, mentor and dear friend was also well known for his limitless kindness and generosity. Ed’s significant contributions to medical toxicology, the State of Iowa and the Iowa Poison Control Center demonstrate the passion and dedication that he had for the field of toxicology and his work. Beyond his many accomplishments and achievements, Dr. Bottei was greatly loved and respected by his colleagues throughout the poison center communities. His loss was deeply felt by those who had the honor to know him. Always in our hearts. He will never be forgotten. Rest in Peace.

IPCC Appoints Interim Medical Director and Associate Medical Director

In May, 2022 the Iowa Poison Control named Bryan Wilson, MD, as the organization’s interim medical director, and Dan McCabe, MD, as associate medical director following former Medical Director, Ed Bottei’s sudden death in April.

Dr. Bryan Wilson is an emergency medicine physician and medical toxicologist at the University of Iowa Hospitals & Clinics. He also serves as an assistant professor of emergency medicine at the University of Iowa.



Dr. Bryan Wilson

Dr. Wilson received his medical degree from the University of Texas Health Science Center in San Antonio, TX. He completed a combined residency in emergency medicine and pediatrics as well as a fellowship in medical toxicology at the University of Arizona in Tucson, AZ in 2020. He is board certified in emergency medicine, pediatrics, and medical toxicology.

Dr. Dan McCabe is a medical toxicologist and emergency medicine physician at the University of Iowa Hospitals & Clinics, as well as a Clinical Assistant Professor of Emergency Medicine at the University of Iowa and the Director of the Division of Medical Toxicology at UIHC.



Dr. Dan McCabe

Dr. McCabe received his medical degree from the University of Iowa. He completed a residency in emergency medicine at Cook County Hospital and a fellowship in medical toxicology at the Regions Hospital/Minnesota Poison Control System. He is board certified in Emergency Medicine and Medical Toxicology.

“I’m really excited about our extraordinary team of medical directors providing an exceptional level of clinical oversight and expertise,” said Linda Kalin, IPCC Executive Director. University of Iowa medical toxicologists have immense experience at one of the busiest inpatient medical toxicology services in the country, and they also work closely with our amazing team of nurse and pharmacist specialists in the poison center all making a difference in successful outcomes.”

Financials

The IPCC is an independent, not-for-profit 501(c)(3) organization. Our team continues to earn the trust of our stakeholders by efficiently managing the valuable resources they entrust to us and by ensuring honest and transparent governance. IPCC obtained an unmodified opinion from the independent auditors on their FY 2021 financial statements, the highest audit rating with no internal control issues.

Thank you to all of our generous supporters for your dedication to our mission to save lives, prevent injuries and illness associated with poisoning. In the process, we reduce healthcare costs through decreased emergency department visits for poisoning and reduced length of stay for patients hospitalized for poisoning.

Personnel comprise 87% of IPCC’s operating budget. The 24/7 center is staffed by nurses, pharmacists and physicians who are specially trained in toxicology. The strength of our personnel continues to be the backbone of the center and our highest priority is attracting and retaining talent.

Funding for the IPCC is provided by:

- State of Iowa: The IPCC receives support from an annual State appropriation administered by the Iowa Department of Public Health.
- Federal Funding: The U.S. Health Resources and Services Administration (HRSA) provides funding to the nation’s poison control centers through their poison control stabilization and enhancement grant program.
- Hospitals: All Iowa hospitals provide financial contributions to help support the IPCC for the benefit of the communities they serve.
- Children’s Health Insurance Program (CHIP): State legislation enacted in 2014 allowed for a new health services initiative to draw down CHIP federal matching funds.
- Other sources: Private contracts, grants and donations.

FY 2022 Revenue Source

