

2021 ANNUAL

SANFORD USD MEDICAL CENTER



SANFORD[®]
HEALTH



Sanford USD Medical Center

SANFORD POISON CENTER

The Sanford Poison Center is designated by the South Dakota Department of Health to provide emergency poison management and poison prevention information to the citizens of South Dakota. Staff provide poison prevention education and materials to the public through participation in health fairs, safety camps, conferences, symposiums, and mail distribution. Learn more at sdpoison.org.

Emergency poison management is provided to the public as well as health care professionals when they call **(800) 222-1222**. Calls are accepted 24 hours a day, 365 days a year at no cost. Funding for the Sanford Poison Center is provided by Sanford USD Medical Center, in addition to funding support received from the South Dakota Department of Health, and from federal funds as a result of the Poison Control Center Awareness and Enhancement Act passed in 2000. Someone calls poison control every 15 seconds. Poison centers save tax payers \$1.8 billion every year in medical costs and lost productivity.

Kids are fast!

Check out these look-alikes
(Candy or Medicine?)





EXPOSURE CALLS

In 2021 SD residents called for help 7,251 times with 9,423 product exposure concerns.

Exposure calls were **96%** of our calls.

In **2020** we had 7,184 or **96%** exposure calls. **Confirmed non-exposure calls were 18.**

INFORMATION CALLS

In **2021** we had 242 or 3% informational calls.

In **2020** we had 291 or 4% informational calls.

62% (4,516) of our 2021 calls came from non-health care facilities.

88%

(2,342 CALLS)

CHILDREN 5 & UNDER MANAGED FROM HOME

**FOR EVERY
\$1 SPENT**



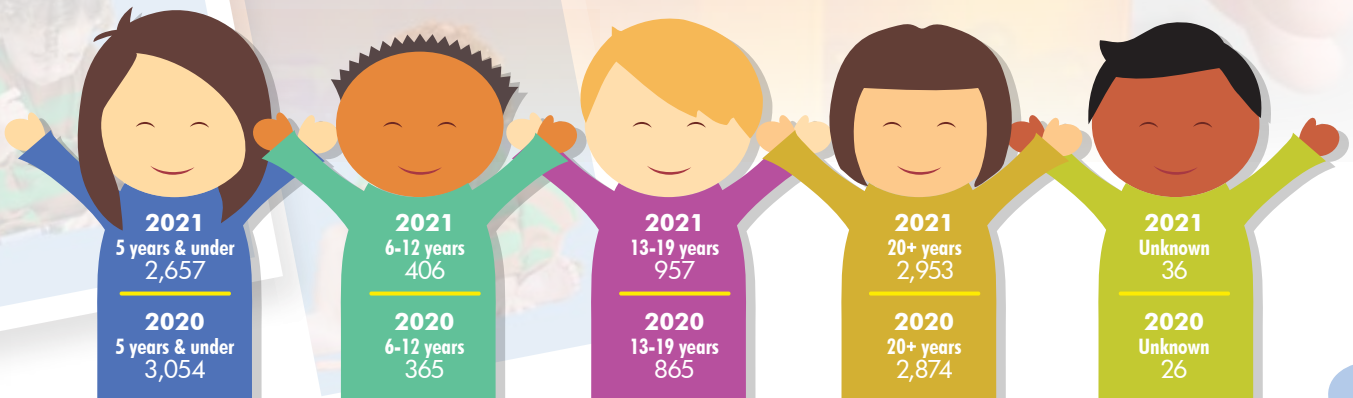
**on Poison
Control Services**



\$13.39

**IS SAVED
IN HEALTH CARE COSTS**

AGE OF INDIVIDUALS INVOLVED IN EXPOSURE CALLS



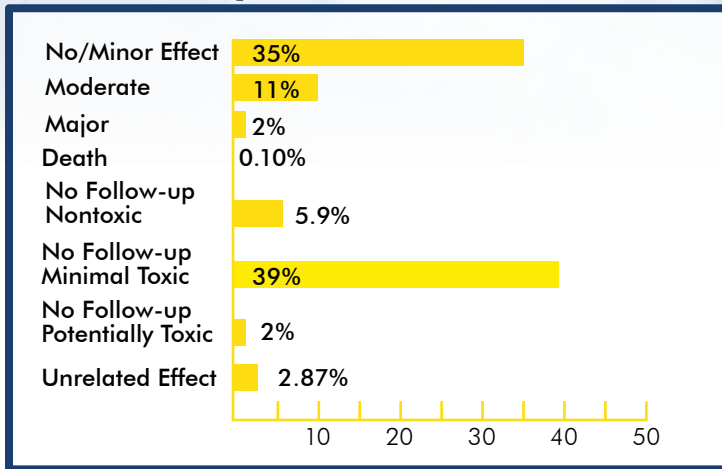


EXPOSURE CIRCUMSTANCES

The majority 4,553 (65%) of exposures are unintentional. Of these, most fall into the "general" category, 2,637 (37%) which is characterized by the classic childhood exposure associated with normal curiosity. Therapeutic errors 842 (12%) are the second most common cause of unintentional exposures. They usually involve inadvertent misuse of a medication.

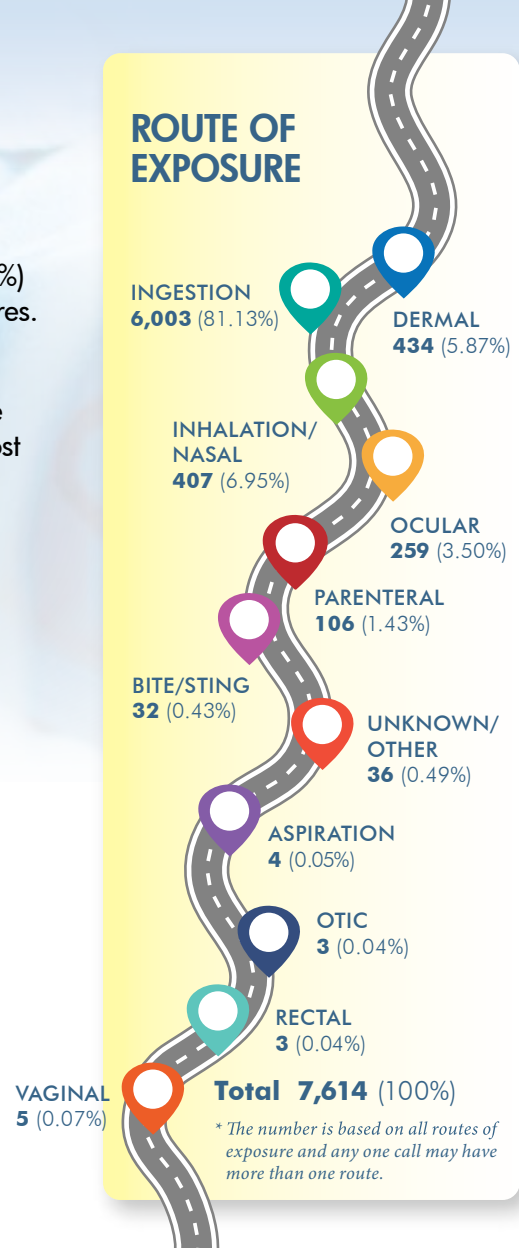
Intentional exposures 2,231 account for 31% of the total. The majority of those are patients trying to harm themselves. Most of the serious outcomes and deaths arise from this group.

Medical Exposure Outcome



The medical outcome is a true measure of the effectiveness of the poison control system.

ROUTE OF EXPOSURE

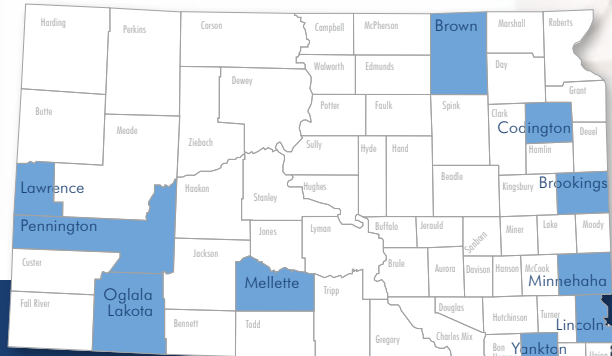


* The number is based on all routes of exposure and any one call may have more than one route.

TOP SUBSTANCES INVOLVED

Of the 9,423 substances involved in SD poison exposures the top 10 include: 13% Analgesics (over the counter and prescription); 8% Antidepressants; 6.4% Cleaning Products; 6% Alcohols; 5% Sedatives/Hypnotics/Antipsychotics; 5.4% Cosmetics/Personal Care Products; 5% Antihistamines; 4.5% Cardiovascular; 3.6% Dietary Supplements/Herbals/Homeopathic; & 4% Stimulants/Street Drugs.

Why are kids at risk for these exposures? Many times substances are not stored properly; they may be left out on the kitchen counter top or nightstand or left in an open purse. Children imitate adults so if they observe parents or grandparents taking medicine, they will try it if the medicine is within reach. Young children do not associate bottle shape with content, and they don't read so when they look at a bottle of Windex, they may think it is the same as a bottle of juice. Children are curious and they will put substances in their mouth.



Top 10 counties by total number of calls comprise 64% of all SD calls.

BROOKINGS, BROWN, CODINGTON, LAWRENCE, LINCOLN, MELETTE, MINNEHAHA, OGLALA LAKOTA, PENNINGTON, AND YANKTON

Exposure Management Site



MANAGED IN HEALTH CARE FACILITY

43%



MANAGED ON SITE/ NON-HEALTH CARE FACILITY

56%



UNKNOWN/OTHER

1%





The Sanford Poison Center website **SDPOISON.org** provides information and educational items.



2021 Toxic Exposure By Hour of the Day



The Sanford Poison Center contracts with the Hennepin Regional Poison Center (HRPC) to handle all calls related to exposures.

The Sanford Poison Center utilizes numerous volunteers in communities across the state to help with poison prevention and education at the local level.



Physicians board certified in toxicology, mycology, herpetology, and pharmacology provide their expertise on a volunteer basis to the Poison Information Specialists; their assistance is gratefully acknowledged.



All AAPCC poison center members upload data to NPDS every 8 minutes providing a near real-time snapshot of poison call conditions nationwide.

Pharmacists certified as Specialists in Poison Information by the American Association of Poison Control Centers (AAPCC) staff the HRPC 24/7. They supervise and are assisted by Poison Information Providers who answer calls of a less critical nature. The HRPC has met stringent criteria set forth by the AAPCC, earning the designation of Certified Regional Poison Center.

Sanford Poison Prevention **COLORING CONTEST**

Congratulations to the winners
of our 2021 Coloring Contest!

**A total of 30 schools participated:
33 classes and 499 students.**



Sanford Poison Center

For Educational Resources:

(605) 328-6670 FAX: (605) 328-6671 SDPOISON.org

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