

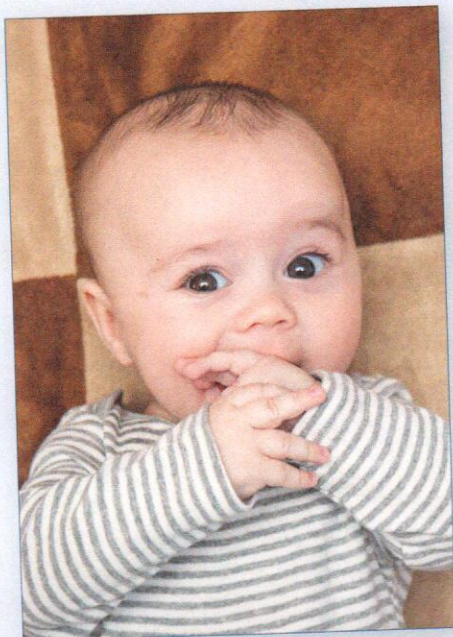


# 2017 Annual Poison Center Snapshot

SANFORD USD MEDICAL CENTER

**SANFORD**  
HEALTH





## 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](http://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 12 seconds. Poison centers save tax payers \$1.8 billion every year in medical costs and lost productivity .

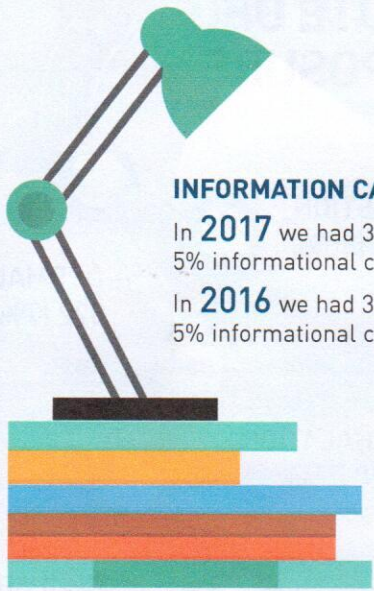


**(800) 222-1222**

**PROGRAM THE  
NUMBER INTO  
YOUR PHONES.**

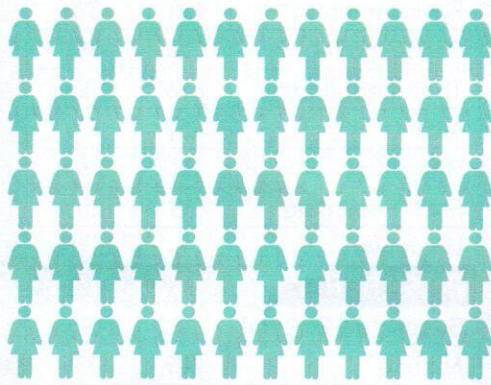


SD residents called for help 7068 times in 2017.



**INFORMATION CALLS**

In **2017** we had 360 or 5% informational calls.  
 In **2016** we had 374 or 5% informational calls.



**EXPOSURE CALLS**

In **2017** we had 6698 or 95% exposure calls.  
 In **2016** we had 6926 or 95% exposure calls.  
*Confirmed non-exposure calls 10.*

**TOTAL CALLS BY TYPE**

The majority of calls deal with an actual exposure to a potentially harmful substance.

The Sanford Poison Center staff educates and provides resources designed to help people prevent poisonings.

54% of our 2017 calls come from private residences and 68% of those calls involved children age 5 and under.

**68%**  
**2,607 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**





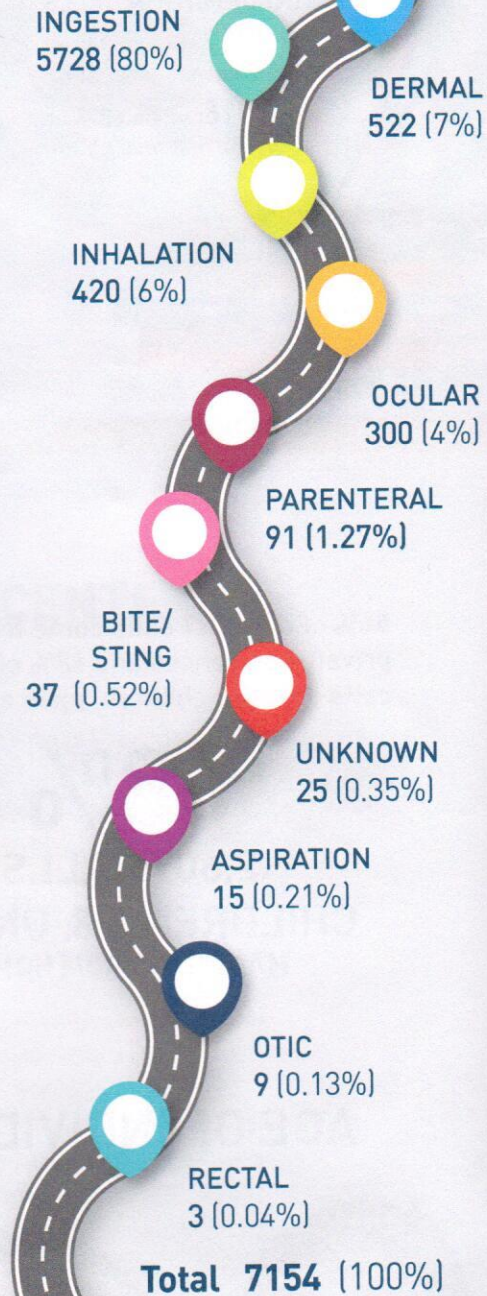
## CIRCUMSTANCES

The majority (67 percent) of exposures are unintentional. Of these, most fall into the "general" category, which is characterized by the classic childhood exposure associated with normal curiosity. Therapeutic errors (10 percent) are the second most common cause of unintentional exposures. They usually involve inadvertent misuse of a medication.

Intentional exposures account for 30 percent of the total. The majority of those are patients trying to harm themselves. Most of the serious outcomes and deaths arise from this group.

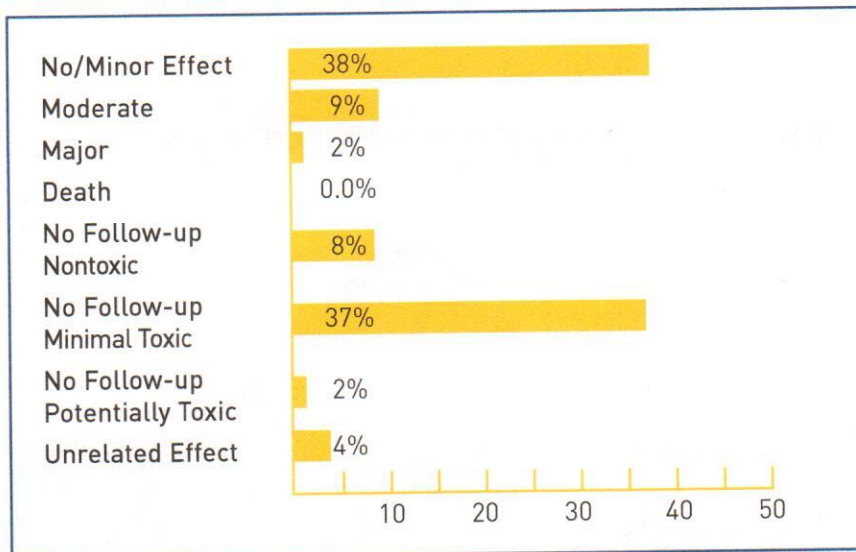
UNINTENTIONAL		
General	2896	45%
Environmental	161	3%
Occupational	174	3%
Therapeutic Error	696	11%
Misuse	489	6%
Bite/Sting	37	0.6%
Food Poisoning	30	0.5%
Unknown	7	0.1%
INTENTIONAL		
Suspected Suicidal	1382	19%
Misuse	209	3%
Abuse	259	3%
Unknown	181	3%
ADVERSE		
Drug Reaction	100	1%
Food Reaction	12	0.02%
Other Reaction	11	0.09%
Contamination/ Tampering	24	0.03%
Malicious	10	0.03%
Withdrawal	6	0.03%
Unknown	24	0.4%
INFORMATIONAL		
<b>Total</b>	<b>7068</b>	<b>100%</b>

## ROUTE OF EXPOSURE



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

## MEDICAL OUTCOME



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



## TOP SUBSTANCES INVOLVED

In SD the substances most typically involved in exposures were: Medications (over the counter and prescription), household cleaners and chemicals, cosmetics and personal care products.

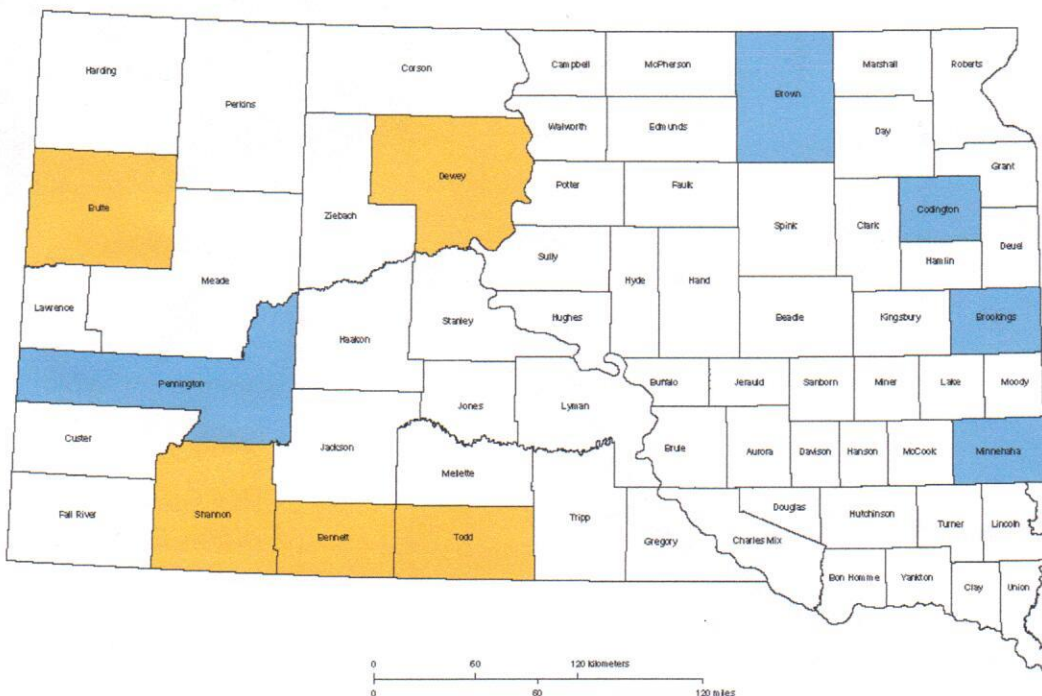
Why are kids at risk for these exposures? Many times substances are not stored properly; they may be left out on the kitchen counter top or night stand or left in an open purse. Children imitate adults so if they observe parents or grandparents taking medicine they will try it if the medicine is within 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.

	2017		2016	
	Exposed	SD%	Exposed	SD%
Over-The Counter & Prescription Drugs	3158	44 %	2165	25 %
Analgesics	1205	16 %	1296	14 %
Sedatives/Hypnotics/Antipsychotics	599	7 %	626	7 %
Household/Industrial Cleaning Products/Dyes	582	7 %	589	6 %
Personal Care/Cosmetics/Essential Oils	534	7 %	492	5 %
Alcohols	456	5 %	406	4 %
Insecticides/Pesticides/Rohenticides/ Herbicides	259	3 %	256	3 %
Foreign Bodies/Toys/Miscellaneous	217	2 %	206	2 %
Vitamins	539	7 %	141	2 %
Stimulants/Street Drugs	222	2 %	232	3.6 %

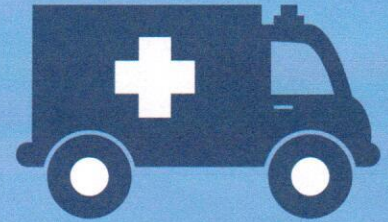
## TOP FIVE

COUNTIES BY TOTAL NUMBER OF CALLS

COUNTIES FOR CALLS BY PERCENTAGE OF POPULATION.



## EXPOSURE MANAGEMENT SITE



MANAGED IN HEALTH  
CARE FACILITY

40%   
2703



MANAGED ON SITE/  
NON-HEALTH CARE  
FACILITY

58%   
3882

UNKNOWN/OTHER

2%

For further information  
please contact Sanford  
Poison Prevention  
Education/Resources  
(605) 328-6670.





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

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



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

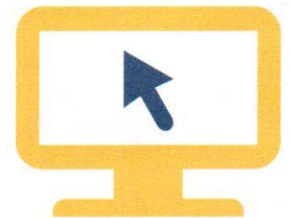
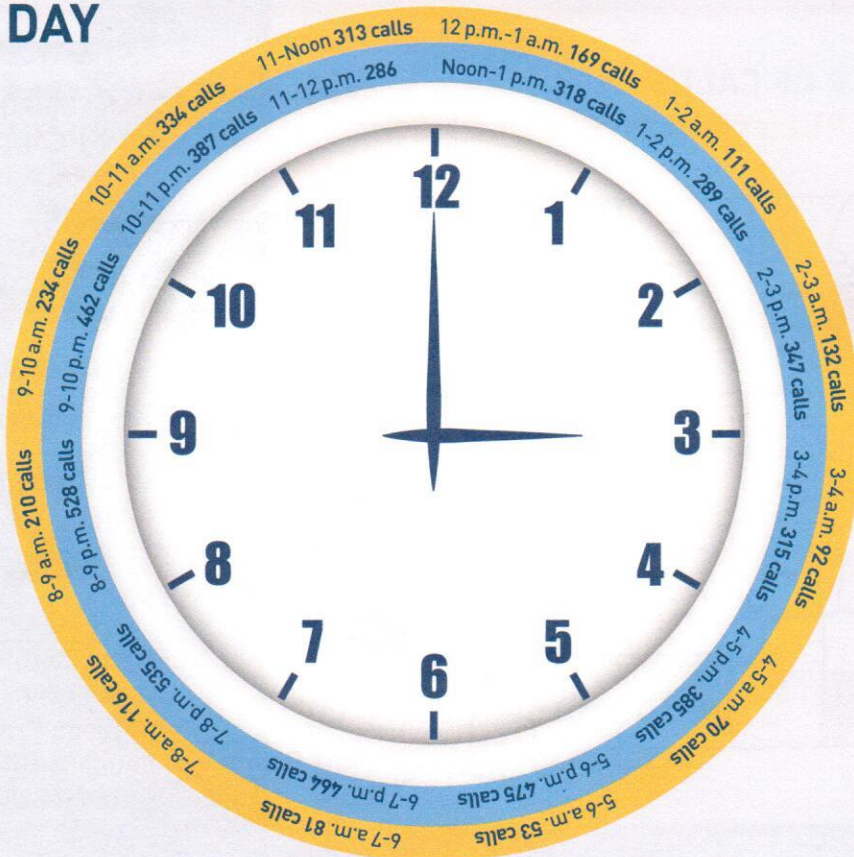


Physicians board certified in toxicology, mycology, herpetology and pharmacology provide their expertise on a volunteer basis to the Poison Information Specialists; their assistance is gratefully acknowledged.



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.

## 2017 TOXIC EXPOSURE BY HOUR OF THE DAY



The Sanford Poison Center website [SDPOISON.org](http://SDPOISON.org) provides information and educational items.



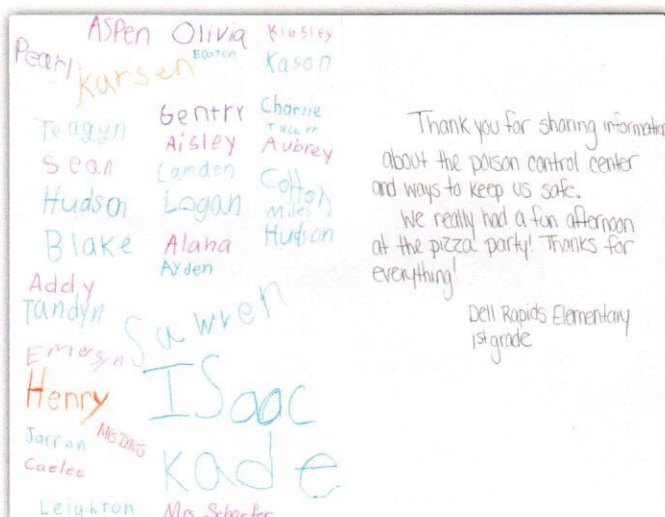
# SANFORD POISON PREVENTION COLORING CONTEST

Thirty five schools participated (largest number of schools ever) 41 classrooms & 825 students submitted art work

## Twenty Winning Pictures

1. Beresford Elementary School
2. Summit Elementary School
3. Burke Elementary School
4. C.C. Lee Elementary School
5. Parkston Elementary School
6. Badger Clark Elementary School
7. Hillcrest Elementary
8. Andes Central Elementary
9. OM Tiffany Elementary School
10. Parkston Elementary
11. Menno Public
12. Bridgewater-Emery
13. Lead-Deadwood Elementary
14. Canistota Elementary
15. Laura Wilder Elementary
16. Sacred Heart Elementary
17. St. Martin's Lutheran
18. Wagner Elementary
19. Wagner Community
20. Hamlin School

Winner of pizza party:  
Dell Rapids Elementary



◀ Anya won a \$25.00 gift card after entering her poster in the Sanford Poison Control coloring contest. Way to go Anya!



**SDPOISON.ORG**

**Sanford Poison Center**

**For Educational Resources**

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

1305 W. 18th Street, ROUTE 5679  
Sioux Falls, SD 57117-5039

**POISON**  
**Help**  
**1-800-222-1222**



The Sanford Poison Education Booth had great attendance during the Sanford/KELO Health Fair; our focus was getting people to program the (800) 222-1222 poison help number in to their phones.