



# 2018 Annual Poison Center Snapshot

SANFORD USD MEDICAL CENTER

**SANFORD**  
HEALTH



**(800) 222-1222**

**PROGRAM THE  
NUMBER INTO  
YOUR PHONES.**

## **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 .

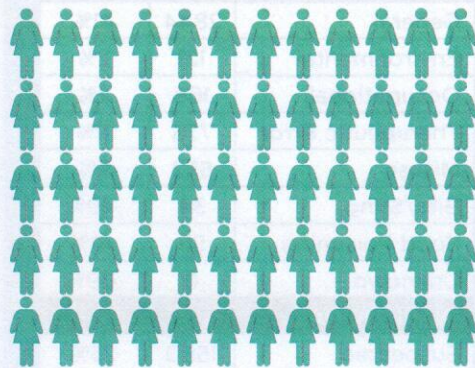
SD residents called for help 7223 times in 2018.



**INFORMATION CALLS**

In **2018** we had 332 or 5% informational calls.

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



**EXPOSURE CALLS**

In **2018** we had 6871 or 95% exposure calls.

In **2017** we had 6698 or 95% exposure calls.

**Confirmed non-exposure calls 20.**

**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.

**63%** of our 2018 exposure calls came from non-health care facilities and of all exposure calls, **41%** were age 5 and under.

**87%**  
**2,467 CALLS**  
**CHILDREN 5 & UNDER**  
**MANAGED FROM HOME**

**FOR EVERY \$1 SPENT**

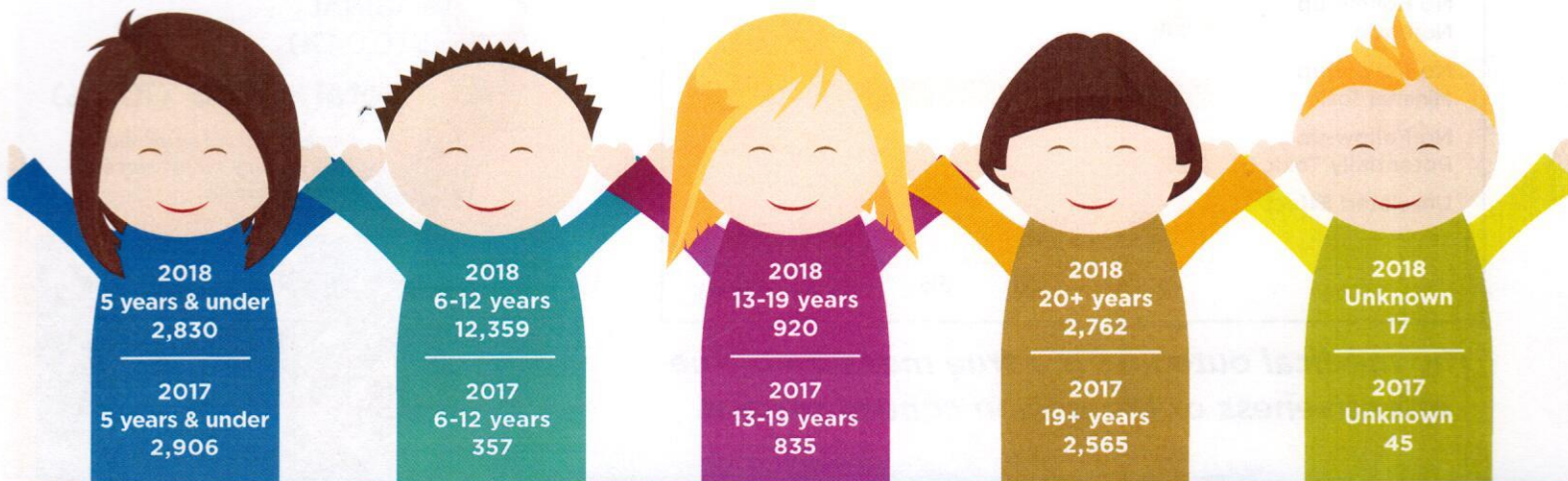


**ON POISON CONTROL SERVICES**



**\$13.39**  
**IS SAVED**  
 IN HEALTH CARE COSTS

**AGE OF INDIVIDUALS INVOLVED IN EXPOSURE CALLS**



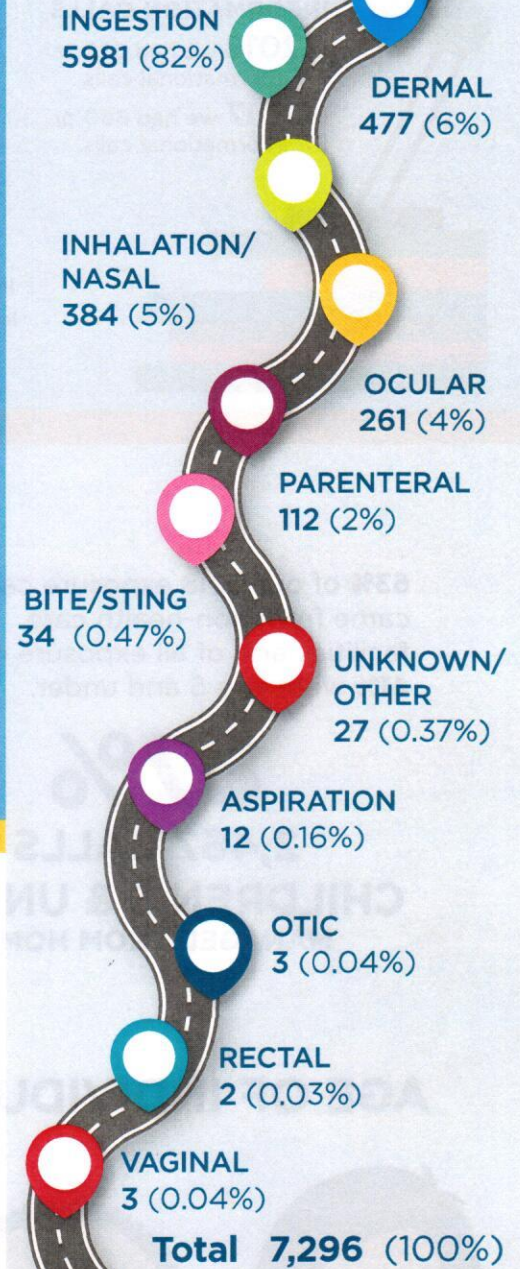
# EXPOSURE CIRCUMSTANCES

The majority (66 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 (11 percent) are the second most common cause of unintentional exposures. They usually involve inadvertent misuse of a medication.

Intentional exposures account for 31 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.

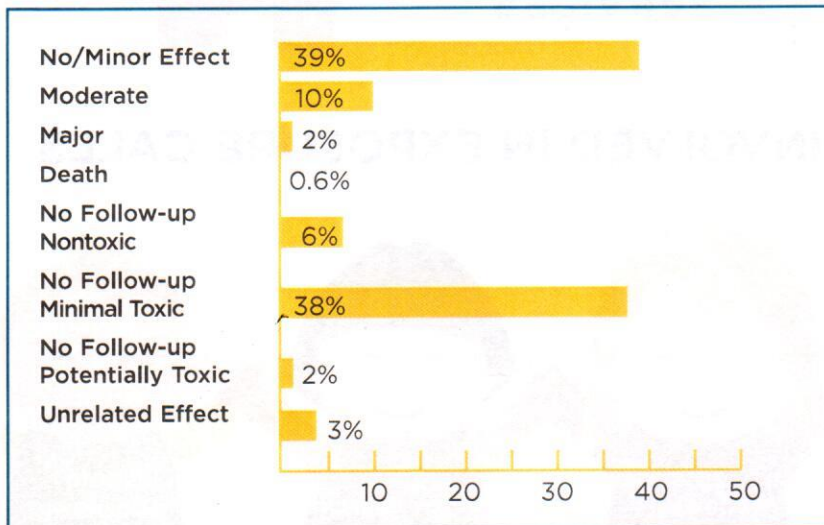
UNINTENTIONAL		
General	2844	41%
Environmental	121	2%
Occupational	168	2%
Therapeutic Error	773	11%
Misuse	552	8%
Bite/Sting	34	.49%
Food Poisoning	56	.81%
Unknown	6	.09%
INTENTIONAL		
Suspected Suicidal	1590	23%
Misuse	199	3%
Abuse	237	3%
Unknown	142	2%
ADVERSE		
Drug Reaction	78	1%
Food Reaction	6	.09%
Other Reaction	18	.26%
Contamination/Tampering	14	.20%
Malicious	17	.25%
Withdrawal	2	.03%
Unknown	33	.48%

# ROUTE OF EXPOSURE



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

# MEDICAL EXPOSURE 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 poison exposures were: Analgesics (over the counter and prescription); Household Cleaning Substances; Antidepressants; Cosmetics/Personal Care Products; Sedative/Hypnotics/Antipsychotics; Antihistamines; Cardiovascular Medications; Alcohols; Pesticides; Dietary Supplements/Herbals/Homeopathic products.

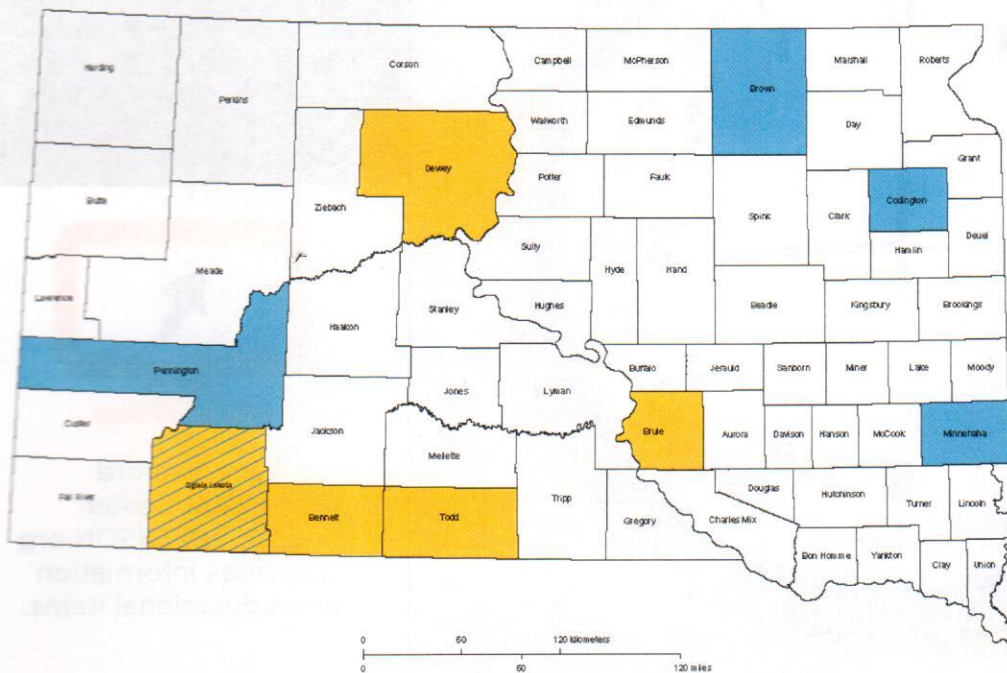
Why are kids at risk for these exposures? Many times substances are not stored properly; they may be left out on the kitchen counter top or night stand or left in an open purse. Children imitate adults so if they observe parents or grandparents taking medicine they will try it if the medicine is within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

2018		
	Exposed	SD%
Analgesics	1,768	25%
Cleaning Substances (household)	902	13%
Antidepressants	847	12%
Cosmetics/personal care products	793	12%
Sedative/hypnotics/antipsychotics	691	10%
Antihistamines	629	.09%
Cardiovascular	601	.09%
Alcohols	532	.08%
Pesticides	442	.06%
Dietary Supplements/herbals/homeopathic	439	.06%

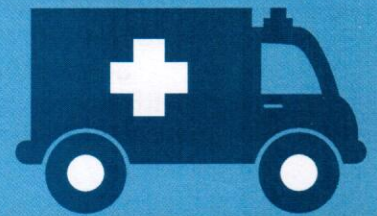
## TOP FIVE

COUNTIES BY TOTAL NUMBER OF CALLS

COUNTIES FOR CALLS BY PERCENTAGE OF POPULATION.



## EXPOSURE MANAGEMENT SITE



MANAGED IN HEALTH CARE FACILITY

**43%**  **2,948**



MANAGED ON SITE/ NON-HEALTH CARE FACILITY

**56%**  **3,861**

UNKNOWN/OTHER

**1%**

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.

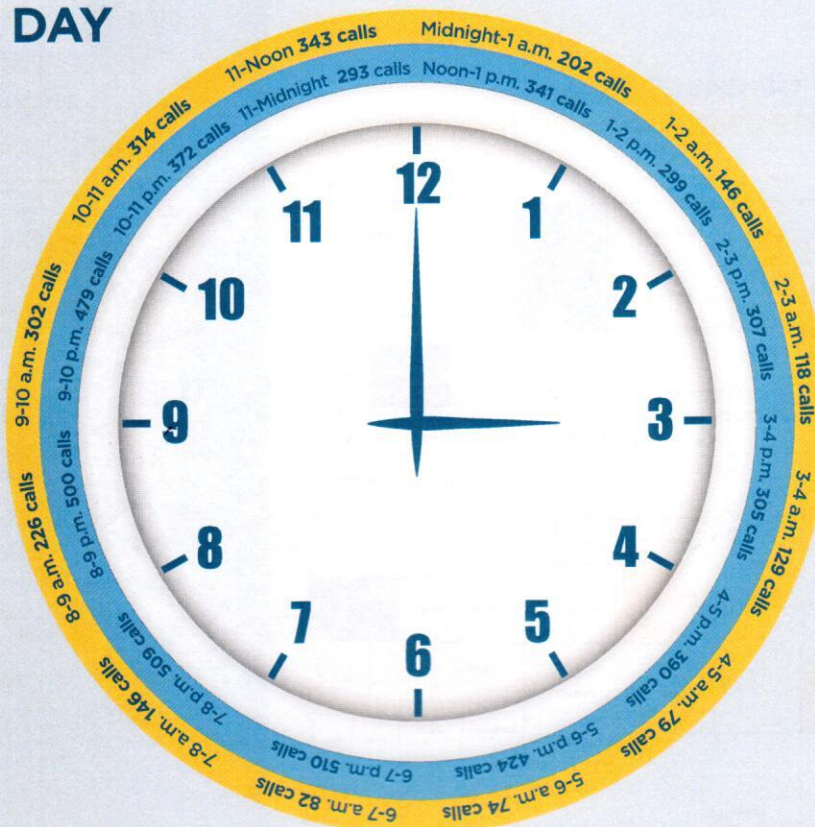


Physicians board certified in toxicology, mycology, herpetology and pharmacology provide their expertise on a volunteer basis to the Poison Information Specialists; their assistance is gratefully acknowledged.



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.

## 2018 TOXIC EXPOSURE BY HOUR OF THE DAY



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

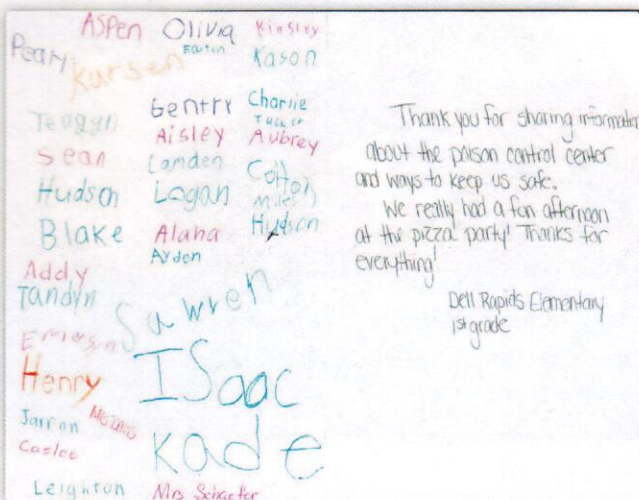
# SANFORD POISON PREVENTION COLORING CONTEST

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



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

~~XXXXXXXXXXXXXXXXXXXX~~

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LEWIS FAMILY DRUG LLC  
DBA LEWIS FAMILY DRUG #66  
911 W CEDAR ST STE 1  
BERESFORD SD 57004-1608

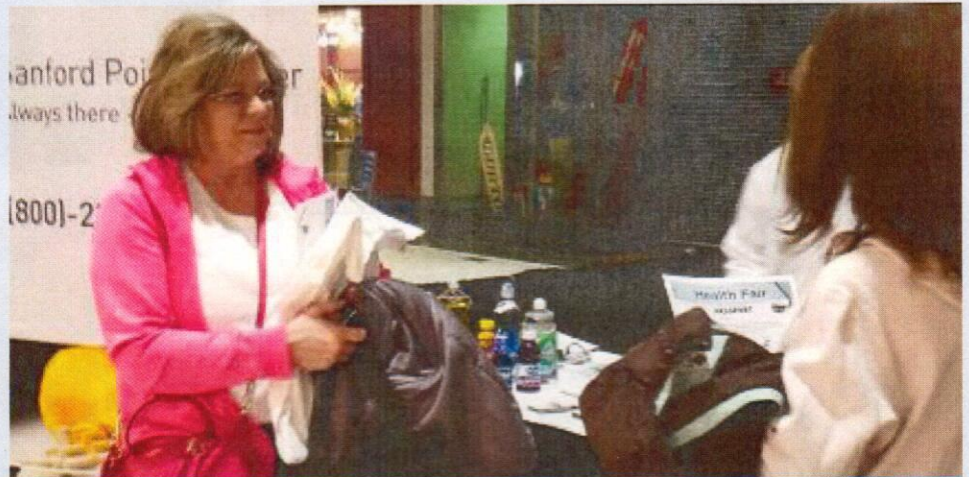
**SDPOISON.ORG**

**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



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.

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