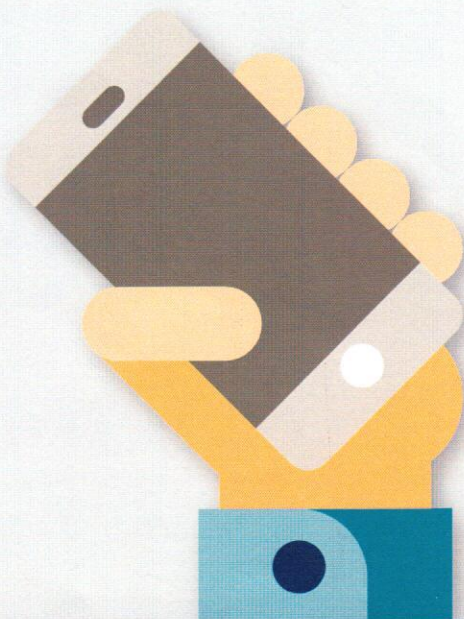
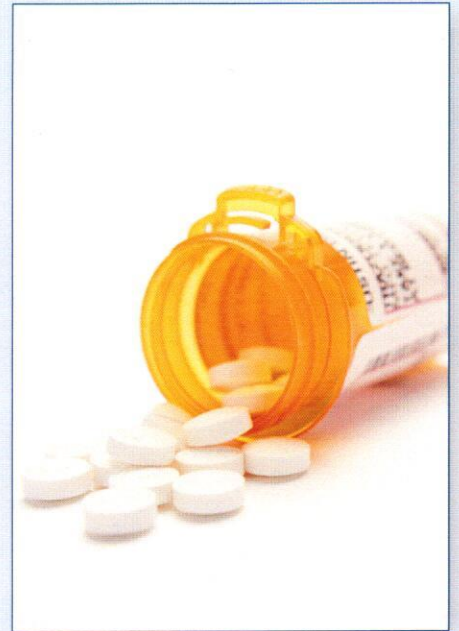




# 2016 Annual Report

POISON CENTER, SANFORD USD MEDICAL CENTER

**SANFORD**  
HEALTH



**(800) 222-1222**

**PROGRAM THIS  
NUMBER INTO  
YOUR PHONES.**

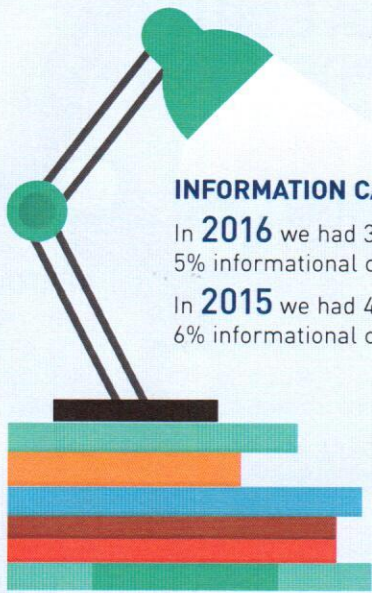
## **SANFORD POISON CENTER**

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.

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. For every \$1 spent on Poison Control Services \$13.39 is saved in health care costs.

**POISON  
Help™  
1-800-222-1222**

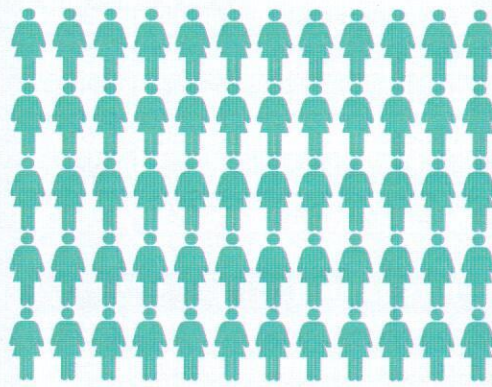
SD residents called for help 7310 times in 2016.



**INFORMATION CALLS**

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

In **2015** we had 411 or 6% informational calls.



**EXPOSURE CALLS**

In **2016** we had 6926 or 95% exposure calls.

In **2015** we had 6461 or 94% exposure calls.

*Confirmed non-exposure calls 10.*

**TOTAL CALLS BY TYPE**

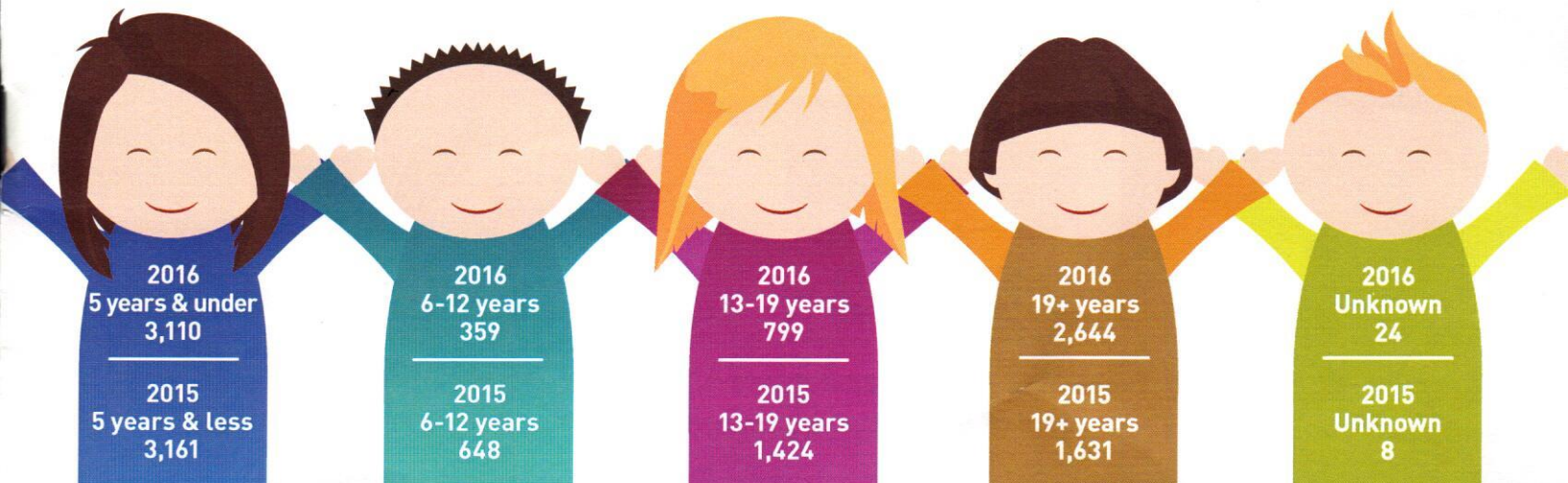
The majority of calls to the Sanford Poison Center involve an actual exposure to a potentially harmful substance. In addition, the Sanford Poison Center staff provides information pertaining to medications, poisons, poison prevention, medical concerns, and other issues.

A total of 59% of our calls come from private residences and 53% of those calls involved children age 5 and under.

**53%**  
**3,110 CALLS**  
**CHILDREN 5 & UNDER**



**AGE OF INDIVIDUALS INVOLVED**



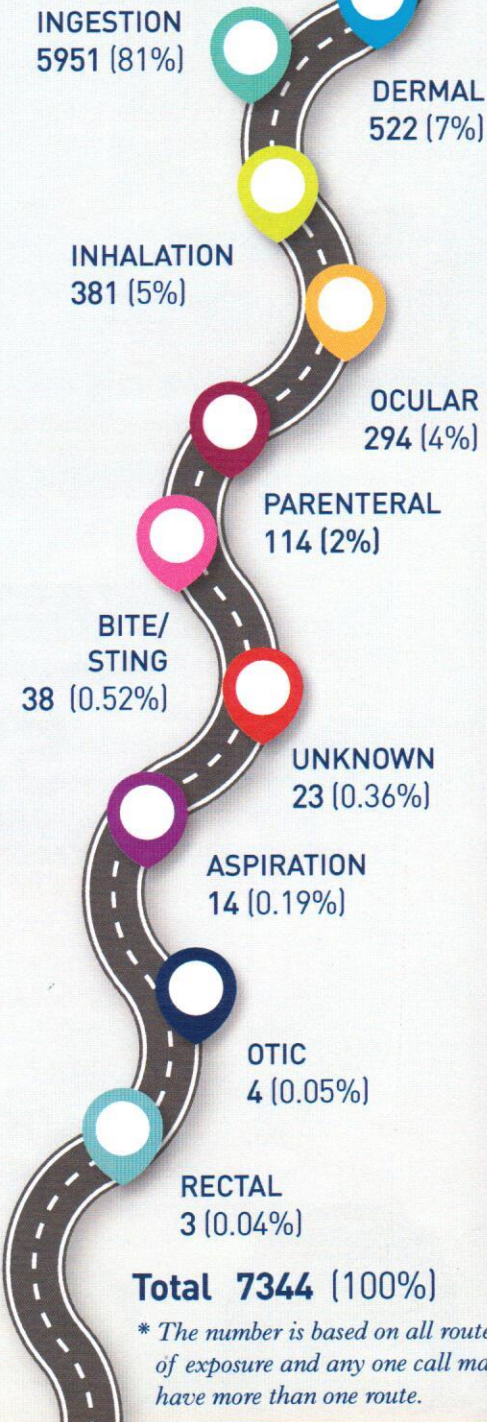
## CIRCUMSTANCES

The majority (69 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.

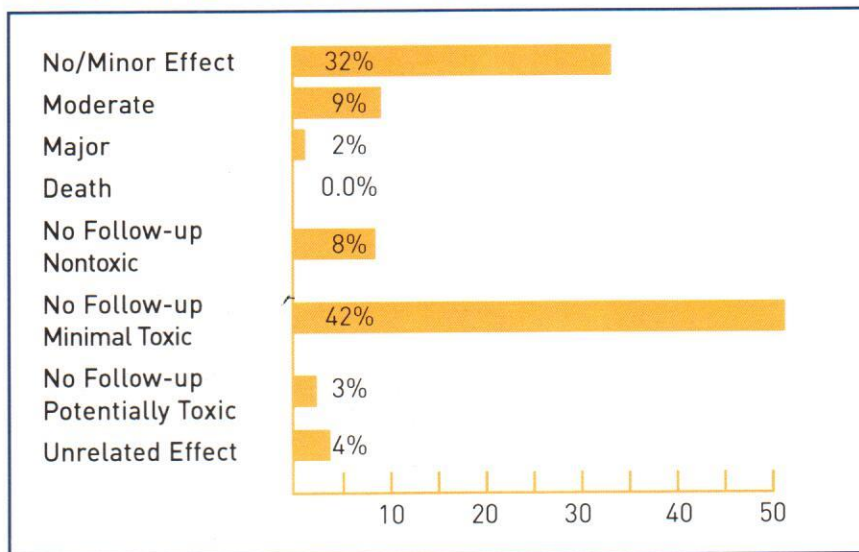
Intentional exposures account for 29 percent of the total. The majority of those are patients trying to harm themselves. Most of the serious outcomes and deaths arise from this group.

UNINTENTIONAL		
General	3107	45%
Environmental	205	3%
Occupational	177	3%
Therapeutic Error	758	11%
Misuse	450	6%
Bite/Sting	38	0.6%
Food Poisoning	36	0.5%
Unknown	8	0.1%
INTENTIONAL		
Suspected Suicidal	1349	19%
Misuse	227	3%
Abuse	216	3%
Unknown	189	3%
ADVERSE		
Drug Reaction	83	1%
Food Reaction	15	0.02%
Other Reaction	6	0.09%
Contamination/ Tampering	20	0.03%
Malicious	21	0.03%
Withdrawl	2	0.03%
Unknown	29	0.4%
INFORMATIONAL		
	<b>374</b>	<b>3%</b>
<b>Total</b>	<b>7310</b>	<b>100%</b>

## ROUTE OF EXPOSURE



## MEDICAL OUTCOME



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

## POISON

[POI-ZUH N]

Anything that someone eats, breathes, gets in the eyes, or on the skin that can cause sickness or death.

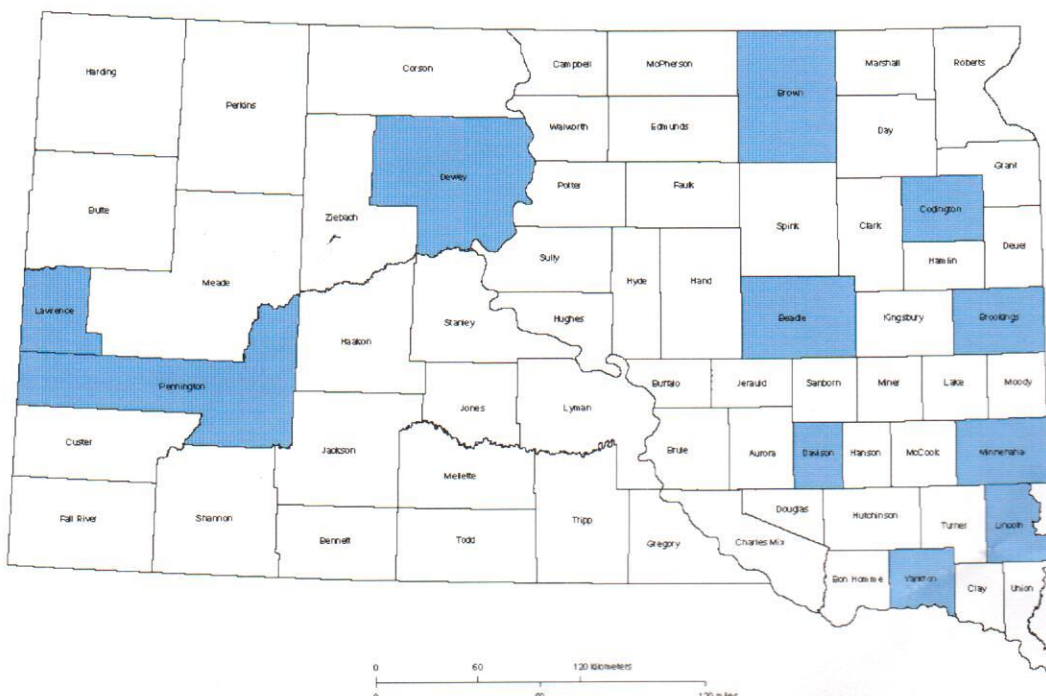
## TOP SUBSTANCES INVOLVED

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, and plants.

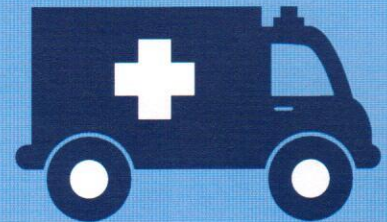
Why are kids at risk for these exposures? Many times substances are not stored properly; they may be left out on the kitchen counter top or night stand or left in an open purse. Children imitate adults so if they observe parents or grandparents taking medicine they will try it if the medicine is within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

	2015		2016	
	Exposed	SD%	Exposed	SD%
Over-The Counter & Prescription Drugs	3844	37.4 %	2165	25 %
Analgesics	1249	13.2 %	1296	14 %
Sedatives/Hypnotics/Antipsychotics	670	7.1%	626	7 %
Household/Industrial Cleaning Products/Dyes	651	6.9 %	589	6 %
Personal Care/Cosmetics/Essential Oils	578	6.1 %	492	5 %
Alcohols	415	4.4 %	406	4 %
Insecticides/Pesticides/Rohenticides/ Herbicides	278	2.9 %	256	3 %
Foreign Bodies/Toys/Miscellaneous	195	2.1 %	206	2 %
Vitamins	220	2.3 %	141	2 %
Stimulants/Street Drugs	269	2.8 %	232	3.6 %

## THE TOP 10 SD COUNTIES FOR CALLS INCLUDE



## MANAGEMENT SITE



MANAGED IN HEALTH CARE FACILITY

41%  2835



MANAGED ON SITE/  
NON-HEALTH CARE FACILITY

59%  4101

*For every \$1.00 spent on Poison Control services, \$13.39 is saved in health care costs.*

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 poisoning exposure calls.



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

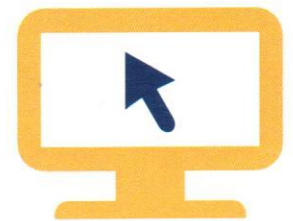
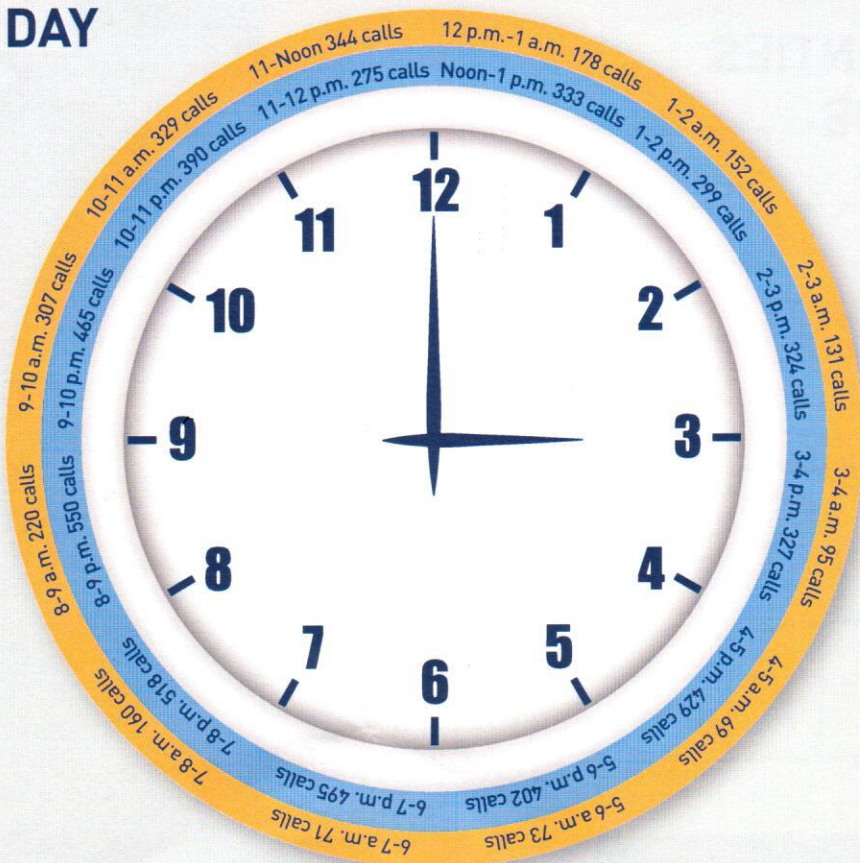


Physicians board certified in toxicology, mycology, herpetology and pharmacology provide their expertise on a volunteer basis to the Poison Information Specialists; their assistance is gratefully acknowledged.



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.

## 2016 TOXIC EXPOSURE BY HOUR OF THE DAY



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

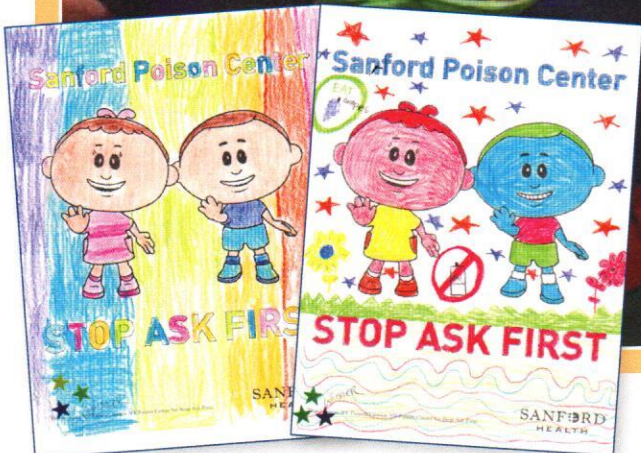
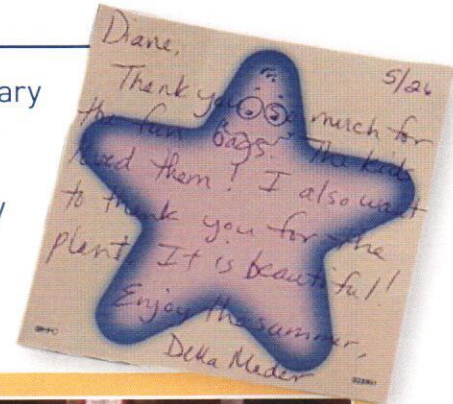
# SANFORD 2016 ANNUAL POISON CONTROL COLORING CONTEST WINNERS

All first grades across SD are invited to participate in the annual coloring contest and the following schools had a student (s) who took part and won a prize.

Beadle Elementary  
Beresford Elementary  
Canistota Public  
Douglas School District  
Flandreau Elementary  
Fred Assam Elementary

Laura Wilder Elementary  
Lincoln Elementary  
New Underwood School  
OM Tiffany Elementary  
Platte-Geddes  
Sacred Heart School

South Park Elementary  
Wagner Community School  
Wakpala Elementary



**SDPOISON.ORG**

**Sanford Poison Center**  
(800) 222-1222

**For Educational Resources**  
(605) 328-6670  
FAX: (605) 328-6671  
sdpoison.org

1305 W. 18th Street, PO Box 5039  
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. A huge thank you to the wonderful SDSU College of Pharmacy volunteers!