

2015 Annual Report

POISON CENTER, 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.

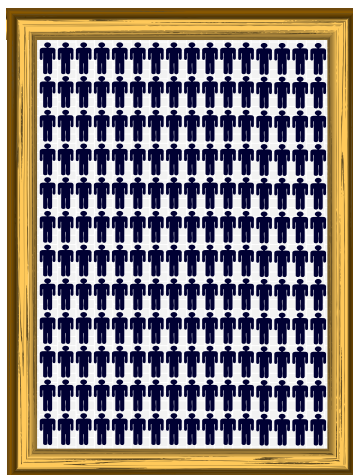
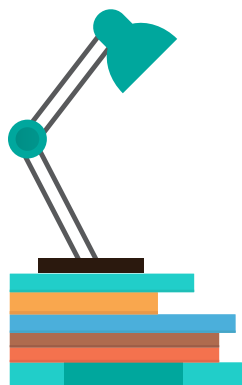
Emergency Poison Management is provided to the public as well as healthcare professionals when they call 1-800-222-1222 (program this number into your phones). Calls are accepted 24 hours a day, 365 days a year at no cost. Funding for the Sanford Poison Center is provided by Sanford USD Medical Center, 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.



SD residents called for help 6872 times in 2015.

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

In **2014** SD had 391 or 6% informational calls.



In **2015** SD had 6461 or 94% exposure calls. In **2014** SD had 6423 or 94% exposure calls.

TOTAL CALLS BY TYPE

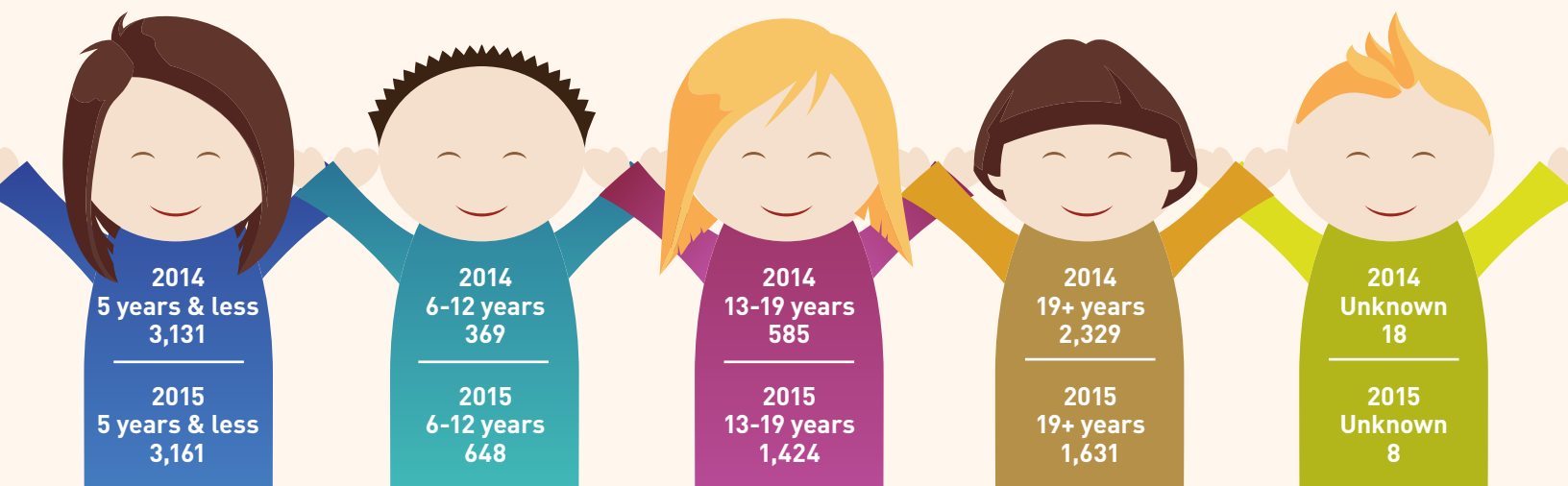
The majority of calls to the Sanford Poison Center involve an actual exposure to a potentially harmful substance. In addition, the Sanford Poison Center staff provides information pertaining to medications, poisons, poison prevention, medical concerns, and other issues.

The majority of our calls come from private residences and 46% of those calls involved children age 5 and under.

46%
3,161 CALLS
CHILDREN 5
& UNDER



AGE OF POISON EXPOSED VICTIMS



CIRCUMSTANCES

The majority (71 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 28 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	3226	46%
Environmental	145	2%
Occupational	175	3%
Therapeutic Error	770	11%
Misuse	456	7%
Bite/Sting	36	0.5%
Food Poisoning	41	0.6%
Unknown	7	0.1%
Intentional		
Suspected Suicidal	1283	19%
Misuse	174	3%
Abuse	244	4%
Unknown	179	2%
Adverse		
Drug Reaction	80	1%
Reaction Food	3	0.04%
Reaction Other	10	0.15%
Contamination/ Tampering	13	0.19%
Malicious	14	0.20%
Withdrawal	2	0.03%
Unknown	14	0.2%
Total	6872	100%

SDPOISON.ORG

ROUTE OF EXPOSURE

Ingestion
5936 - 82%

Inhalation
356 - 6%

Aspiration
7 - .10%

Ocular
297 - 4%

Dermal
426 - 6%

Bite/Sting
36 - .50%

Parenteral
107 - 1%

Rectal
4 - .06%

Otic
2 - .03%

Unknown
26 - .36%

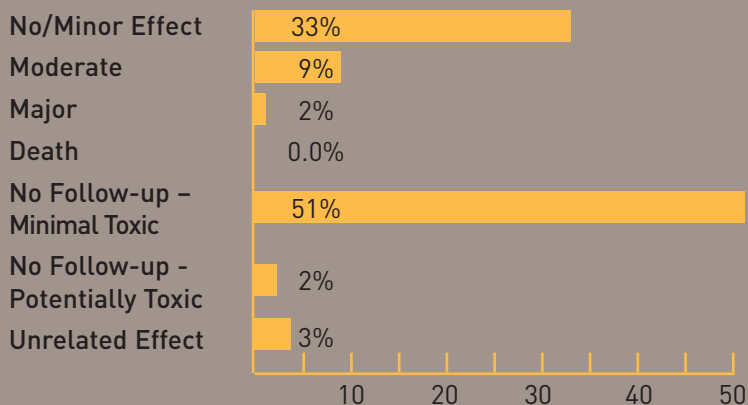
Total
7197 - 100%



MEDICAL OUTCOME

In SD 33% of all calls resulted in no or minor effect. Moderate effect 9%, Major effect 2%, Death .0%, no follow-up minimal toxic 51%, no follow-up potentially toxic 2%, unrelated effect 3%.

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



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

POISON

[POI-ZUH N]

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

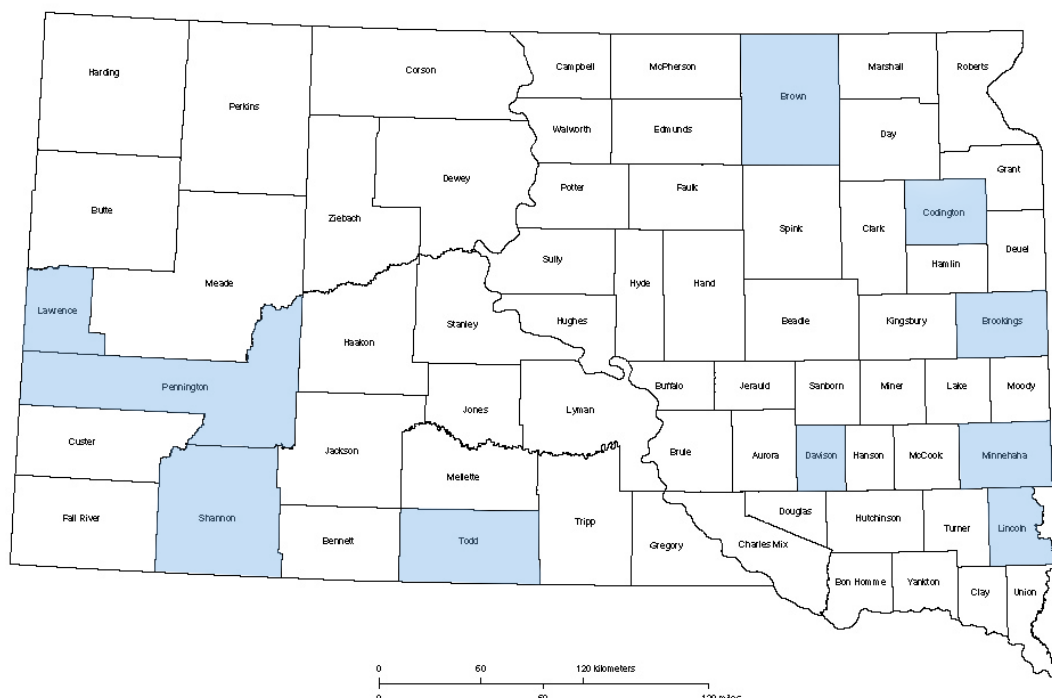
SUBSTANCES INVOLVED

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.

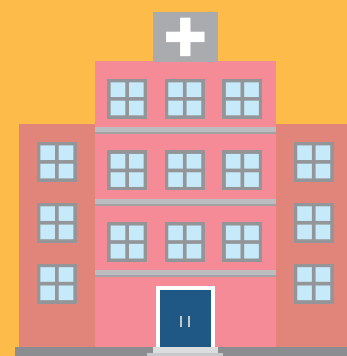
	2014		2015	
	Exposed	SD%	Exposed	SD%
Over-The Counter And Prescription Drugs	3130	48.6 %	3844	37.4 %
Analgesics	1137	17.7 %	1249	13.2 %
Household/Industrial Cleaning Products/Dyes	613	9.5 %	651	6.9 %
Personal Care/Cosmetics/Essential Oils	597	9.3 %	578	6.1 %
Alcohols	331	5.1 %	415	4.4 %
Foreign Bodies/Toys/Miscellaneous	253	3.9 %	195	2.1 %
Vitamins	193	3 %	220	2.3 %
Insecticides/Pesticides/Rohenticides/Herbicides	267	4.2 %	278	2.9 %
Stimulants/Street Drugs	232	3.6 %	269	2.8 %
Sedatives/Hypnotics/Antipsychotics	549	8.5%	670	7.1%

THE TOP 10 SD COUNTIES FOR CALLS INCLUDE



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MANAGEMENT SITE



Managed in HCF
40%



Managed on Site /
Non-HCF
60%

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



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.

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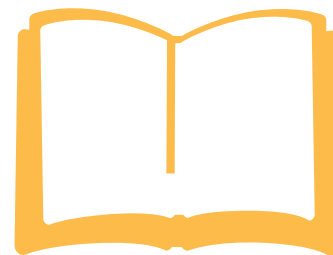
All AAPCC poison center members upload data to NPDS every 8 minutes providing a near real-time snapshot of poison call conditions nationwide.



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.

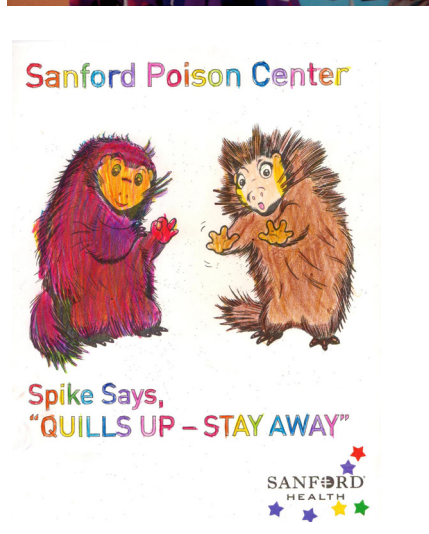


Pharmacists certified as Specialists in Poison Information by the American Association of Poison Control Centers (AAPCC) staff the HRPC 24/7. They supervise and are assisted by Poison Information Providers who answer calls of a less critical nature. The HRPC has met stringent criteria set forth by the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



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

2015 POISON CONTROL COLORING CONTEST WINNERS



Sanford Poison Center Emergency Phone
1-800-222-1222

SDPOISON.ORG

For Educational Resources and Non-Emergency Calls
(605) 328-6670
FAX: (605) 328-6671
sdpoison.org

1305 W. 18th Street, PO Box 5039
Sioux Falls, SD 57117-5039

