

2012 Annual Report For Wyoming

Submitted by: Nebraska Regional Poison Center Omaha, Nebraska

Nebraska Regional Poison Center is sponsored by: The Nebraska Medical Center, University of Nebraska Medical Center, and the Wyoming Department of Health Office of Emergency Medical Services

2012 Staff

Medical Director

Ron Kirschner, MD

Managing Director

Kathy Jacobitz, RN, BSN, CSPI*

Associate Medical Director

Claudia Barthold, MD

Public Education Coordinator

Joan McVoy, RN, CSPI*

Specialists in Poison Information

Karla Finnigan, RN, CSPI*

Chris Fladby, RN, CSPI*

Marlys Horky, RN, CSPI*

Kim Hovseth, PA, CSPI*

Julia Kimble, RN, BSN, CSPI*

Jean Hammack, RN, CSPI*

Sandra Lurry, RN, CSPI*

Aaron Miller, RN

Marcia Rasmussen, RN, CSPI*

Julie Real, RN, BSN, CSPI*

Jennifer Rohda, RN

Karen Smith, RN, BSN, CSPI*

Julie Tomoser, RN, CSPI*

Connie Tschetter, RN, BSN, CSPI*

*AAPCC Certified Specialist in Poison Information

Nebraska Regional Poison Center

The Nebraska Regional Poison Center (NRPC) is committed to providing the highest quality of service for the citizens of Wyoming. It is certified as a regional poison center by the American Association of Poison Control Centers. NRPC and its programs are sponsored through collaborative support from the Wyoming Department of Health Office of Emergency Medical Services, The Nebraska Medical Center, University of Nebraska Medical Center, and the U.S. Department of Health and Human Services.

This report highlights services provided to Wyoming, the medical cost savings associated with the use of NRPC, quality improvement activities, and Wyoming's 2012 poisoning statistics.

24-Hour Emergency Telephone Service

The Nebraska Regional Poison Center operates an emergency telephone service 24 hours a day, seven days a week. It is staffed by a nationally-certified team of registered nurses, physician assistants, and physicians, whose primary function is to assess and make treatment recommendations during possible poisonings. This service is available to both health care professionals and to the public. A medical toxicologist is always available to provide toxicology consultations as needed.

The following is a summary of Wyoming calls handled by NRPC in 2012:

- Handled 7,504 total calls in 2012
- 5,498 calls were regarding human and animal poisoning exposures
- 2,006 calls were for poison or drug information
- 6,765 follow-up calls were made by NRPC staff
- 57% of the poisoning exposures involved children less than 6 years of age
- 82% of poisoning exposures were unintentional; 15% were intentional; 2% were the result of an adverse reaction to a drug or food; and 1% due to contamination, tampering or malicious intent
- Commonly ingested items included medications, cosmetics/personal care products, household cleaning products, foreign bodies, and pesticides
- 73% of poisoning exposures were treated safely at home
- Medical toxicologists provided consultations with Wyoming healthcare providers on the treatment of 179 poisoned patients

Wyoming Public Education

Wyoming's public education activities are organized through Joan McVoy RN CSPI, the Poison Center Education Coordinator. Each activity is designed to inform the public about the 24-hour emergency telephone service and to provide education on methods to prevent poisonings. The following is a summary of 2012 activities in Wyoming.

<u>Educational Materials:</u> The Poison Center distributed 34,775 poison prevention brochures, telephone stickers, magnets, and other educational materials throughout

Wyoming. Pinky the Elephant (mascot costume) was used during 40 presentations. A poison prevention program was done in every county of Wyoming.

<u>Videotape Loan Library:</u> The Poison Center maintains a lending library of audio-visual programs for all age groups. In 2012, a total of 6,332 people in Wyoming viewed the programs. The following table represents a breakdown of program usage:

Program Type Primary (Preschool – Third Grade)	Number 144
Intermediate (Fourth Grade – Jr High)	17
Adult (High School and Adults)	1
Total	162

Community Partners:

Phyllis Lewis, University Extension Educator at the University of Wyoming in Worland, did a total of 15 presentations to an audience of 1,145 students in the counties of Washakie, Hot Springs, Big Horn and Park.

Diane Guerttman, Coordinator for Safe Kids/Communities of Central Wyoming, participated in a Safe Kids Day where over 600 children received poison prevention materials. Safe Kids did a mailing to over 300 daycares and preschools promoting poison prevention education.

The University of Wyoming School of Pharmacy students gave 2 presentations in the Laramie area to an audience of 78.

Wyoming Visit:

Joan McVoy, NRPC's education coordinator, visited Wyoming from September 23-September 28, 2012. Joan's presentations and meetings are summarized below.

- Visited the hospital emergency departments in Cheyenne, Laramie, Casper, Buffalo, Sheridan, Cody, Powell, and Gillette. She spoke with hospital staff and asked for feedback on NRPC's service. Poison prevention outreach materials were left at each hospital.
- Met with instructors and pharmacy students at the University of Wyoming, School
 of Pharmacy. She conducted a training session for the pharmacy students on
 teaching poison prevention to children. The pharmacy students will present
 poison prevention programs in Laramie elementary schools.
- Presentations Given:
 - Cheyenne Head Start: 320 students given a program, the staff will be taking the videos to home visits
 - o Casper Head Start: 71 students
 - Sunset Elementary, Cody: 120 students 2 presentations
 - o Eastside Elementary, Cody: 120 students 2 presentations
 - o Livingston Elementary, Cody: 160 students -1 presentation
 - Coffeen Elementary, Sheridan: 150 students 2 presentations
 - o Meadowlark Elementary, Gillette: 110 students 3 presentations

- Distributed poison center brochures and magnets to several Wyoming pharmacies.
- Live Television Interviews:
 - KTWO, Casper
 - KCWY, Casper
 - o KGWN, Cheyenne

<u>Web Site</u>: The Poison Center's web site is continuously updated with educational materials. The address is www.nebraskapoison.com.

<u>National Poison Prevention Week:</u> Congress intended this event as a means for local communities to raise awareness of the dangers of accidental poisoning. In 2012, the Poison Center participated in the following activities:

- Public service announcements, radio, and newspaper interviews
- All elementary schools in Wyoming were sent postcards informing them of the poison center services and materials that are available to them
- Proclamation by the Governor was signed for Poison Prevention Week

<u>Media Interviews:</u> The Poison Center regularly sends public service announcements on poison topics to media throughout Wyoming. This generates radio and television interviews and newspaper articles. The subjects varied throughout the year: Poison Prevention Week; carbon monoxide; spring cleaning; summer hazards; torch fuel; laundry pods; cinnamon challenge; button batteries; dosing changes in acetaminophen; food safety; Halloween; turkey tips; holiday hazards.

The following table lists NRPC staff's interviews with Wyoming media in 2012.

Date	Media Type	Agency	Topic
2/6/2012	Radio	KTWO, Casper	Carbon monoxide
3/5/2012	Radio/Television	KTWO, Casper	Button battery
3/19/2012	Radio	K9 Radio, Evanston	Poison Prevention Week
3/21/2012	Radio	KOWB, Laramie	Poison Prevention Week
5/24/2012	Radio	KTWO, Casper	Spring Hazards
6/28/2012	Radio	KTWO News, Casper	Tiki Torch Fuel
6/28/2012	Radio	KTWO News, Casper	Food Safety
7/4/2012	Radio	Gap Broadcasting, Casper	Food safety
8/21/2012	Radio	Gap Broadcasting	Summer Hazards
9/24/2012	Television	KGWN, Cheyenne	Laundry Detergent Pods, Peppers
9/25/2012	Television	KCWY, Casper	Laundry Detergent Pods, Peppers
9/25/2012	Television	KTWO, Casper	Laundry Detergent Pods, Peppers
10/26/2012	Radio	Gap Broadcasting, Cheyenne	Halloween
11/17/2012	Radio	Gap Broadcasting Wyoming	Turkey Talk
11/19/2012	Radio	KOBH Wyoming	Turkey Talk
11/19/2012	Radio	Riverton Radio	Turkey Talk
11/21/2012	Radio	KTWO, Wyoming	Turkey Talk
12/14/2012	Radio	Gap Broadcasting	Holiday Hazards
12/20/2012	Radio	KVOW/KTAK	Holiday Hazards
12/20/2012	Radio	KOWB, Laramie	Holiday Hazards

Poisoning Data Collection

The Nebraska Regional Poison Center submits all of Wyoming's poisoning data to the American Association of Poison Control Centers. This data is used both nationally and locally to target poison prevention efforts, to improve poisoning treatment, and to identify poisoning trends.

Professional Education

The Nebraska Regional Poison Center contributes regularly to health care professionals' knowledge in the area of clinical toxicology. The medical director writes periodic clinical toxicology updates for emergency department staff. These are faxed to all Wyoming hospital emergency departments and posted on NRPC's web site. The following updates were sent to Wyoming hospitals in 2012:

- "Blueberry Spice" (Marijuana Substitute)
- Cinnamon Challenge
- o "Zannie Air Freshener" (Phenazepam)
- Laundry Detergent Pods
- Crotaline Snakebites (Rattlesnakes)
- Disc (Button) Batteries

Hazardous Material Incidents/Terrorism

The Nebraska Regional Poison Center assists first responders, hospitals, and the public during hazardous material incidents. The center also assists with planning and response for chemical, biological, radiological, and nuclear (CBRN) incidents by:

- Providing immediate CBRN treatment information to health care professionals and the public on a 24-hour basis
 - o NRPC staff have received specialized training on CBRN agents
 - NRPC houses an extensive reference library on CBRN agents
- Providing educational presentations to health care professionals on recognition and management of CBRN agents
- Assisting the Wyoming Department of Health with surveillance
- Tracking pharmaceutical capabilities in Wyoming and assisting in the transfer of antidotes between hospitals

An Estimate of Medical Cost Savings From Poison Center Services

The Nebraska Regional Poison Center reduces medical costs associated with treatment of poisoning by decreasing the inappropriate use of emergency departments and by preventing poisoning case progression through early intervention. In addition, NRPC reduces costs by preventing poisonings.

The following shows how NRPC reduced the cost of poisonings in Wyoming in 2012:

Average estimated cost for emergency department poisoning evaluations = \$1245

If Wyoming did not have a poison center, theoretically, all callers in 2012 would have visited an emergency department.

Human poison exposures in 2012 = 5,317 Total cost of emergency department visits = 6,619,665

The majority of exposures were managed safely at home by Wyoming's poison center. In 2012, 3,758 poisoning exposures were managed on-site in a non-health care facility.

The cost savings from the prevention of unnecessary emergency department visits is: $3,758 \times 1,245 = 4,678,710$

In 2012, the State of Wyoming reduced the cost of poisonings by 71%, resulting in savings of at least **4.6 million dollars**. For every dollar spent on poison center services by the State of Wyoming, there is a return of one hundred three dollars in saved health care costs to the consumer. This estimate does not incorporate savings resulting from poison prevention efforts throughout Wyoming, increased efficiency in medical management of poisonings, or reductions in ambulance and inpatient care utilization.

2012 Quality Improvement Report

Case Audit:

Case audit is an important component of the Nebraska Regional Poison Center's quality improvement program. All call records are audited daily by Certified Specialists in Poison Information or the Managing Director. Each case is reviewed to determine whether the call was handled appropriately, to check calculation accuracy and documentation completeness. The purpose of auditing is three-fold:

- 1. Quality Assurance to ensure proper case management.
- Education to help the employee learn from mistakes or learn how a case might have been handled better. The audit is also used to commend the individual when cases are handled well.
- 3. Data Collection to maintain a complete and accurate database of poisoning cases.

Calculation Errors: All assessment calculations are checked for accuracy. If the auditor identifies a calculation error, that case is forwarded to the Managing Director who gives a Calculation Error Report to the Specialist. The error report summarizes the case history, identifies the specific calculation error, and lists what the correct calculation should be. The Managing Director uses the sheets as a teaching tool, especially for new Specialists, to discuss calculations that they may not understand. The error reports are also used to identify calculations that need to be focused on during orientation of new staff. Calculation errors are tracked and integrated into Specialists' performance evaluations.

In 2012, the Wyoming calculation error rate was 0.07% (5 errors out of 7,504 calls handled). None of the calculation errors resulted in case mismanagement.

Management Errors: All cases are evaluated for appropriateness of case management. Most cases are audited the same day of the call, and the auditor takes immediate action to optimize patient outcome when a mismanaged case is identified. Deviation from appropriate case management or follow-up results in a management error. Deviation from medical director-approved clinical triage/treatment protocols (unless the case has been discussed with the on-call toxicologist) results in a management error. Failure to do follow-ups at the time stipulated by the clinical protocol is also considered an error. If the auditor identifies an error, the case is forwarded to the Managing Director who gives a Management Error Report to the Specialist and discusses the case with the Specialist as needed. Management errors are tracked and integrated into Specialists' performance evaluations. The error reports have been used to identify problem areas in case management, which are then discussed with staff. The errors have also prompted the development of new or revised protocols.

In 2012, there were no Wyoming management errors.

2012 Quality Improvement Report

Additional Quality Assurance Activities:

In addition to the regular audit process, all Wyoming hospitalized cases are reviewed by the Medical Director, Dr. Ronald Kirschner. Feedback is then provided to the staff regarding management of those cases. Also, Dr. Kirschner and Dr. Barthold do regular "rounds" with NRPC staff, which is a discussion of the hospitalized cases being followed by staff. The "rounds" involve interactive discussion of the treatment plan and essential information needed during case follow-up.

The Nebraska Regional Poison Center conducted client satisfaction surveying in 2012. Surveys were periodically sent to a random portion of non-health care professional callers. Results are used to monitor overall satisfaction with NRPC. A scale from one (poor) to six (excellent) is used.

Satisfaction Parameter	2012 Average Score
Courtesy	5.91
Clarity of Communication	5.92
Completeness of Information Provided	5.91
Overall Satisfaction With Service Provided	5.95

Continuing education contributes to quality assurance by providing up-to-date toxicology information for NRPC staff. Clinical presentations are provided by specialists in poison information, the medical directors, and various guest speakers. The following topics were presented to staff in 2012:

Date	Topic	Presenter
1/17/12	Pharmacokinetics Methyl Acetate & Ethyl Acetate	Ron Kirschner, MD
2/14/12		Claudia Barthold, MD
2/14/12	Paraquat Fish	Chris Fladby, RN
	Methyl Mercury in Fish	Julie Real, RN
	Clean-up for Liquid Mercury vs. CFLs	Derry Stover,
		Environmental Health, NE HHS
3/15/12	Drugs of Abuse	Ron Kirschner, MD
5/10/12	Isoniazid	Jean Hammack, RN
	Fatality Cases, Part one	Ron Kirschner, MD
6/27/12	Hazmat Exercise/Discussion	Claudia Barthold, MD
8/30/12	Fatality Cases, Part Two	Ron Kirschner, MD
9/25/12	Exotic Snakebite Exercise	Ron Kirschner, MD
10/23/12	North American Congress of Clinical Toxicology	Ron Kirschner, MD &
	Highlights	Jean Hammack, RN
11/20/12	North American Congress of Clinical Toxicology	Ron Kirschner, MD &
	Highlights	Kim Hovseth, PA
12/18/12	Discussion of Clinical Protocols	Ron Kirschner, MD

Wyoming 2012 Calls By County

County	Calls	Percent
Laramie	1,265	16.86%
Natrona	1,023	13.63%
Fremont	786	10.47%
Sweetwater	629	8.38%
Campbell	604	8.05%
Sheridan	398	5.30%
Albany	378	5.04%
Park	378	5.04%
Uinta	280	3.73%
Lincoln	216	2.88%
Unknown	213	2.84%
Carbon	180	2.40%
Teton	166	2.21%
Converse	165	2.20%
Big Horn	143	1.91%
Washakie	120	1.60%
Goshen	103	1.37%
Platte	101	1.35%
Sublette	77	1.03%
Johnson	70	0.93%
Weston	70	0.93%
Crook	63	0.84%
Hot Springs	45	0.60%
Niobrara	31	0.41%
Total	7,504	100%

Wyoming 2012 Calls From Health Care Facilities

Site of Caller	Number	Percent
Casper	203	20.4%
Wyoming Medical Center	200	20.470
Cheyenne	140	14.1%
Regional Medical Center	140	14.170
Gillette	106	10.7%
Campbell County Hospital	1.00	10.770
Rock Springs	64	6.4%
Memorial Hospital of Sweetwater County		0.470
Lander	60	6.0%
Lander Valley Medical Center		0.070
Riverton	51	5.1%
Memorial Hospital		0.170
Evanston	48	4.8%
IHC Regional Hospital	40	4.070
Laramie	47	4.7%
Ivinson Memorial Hospital	47	4.770
Powell	31	3.1%
Powell Hospital	31	3.170
Rawlins	26	2.6%
Memorial Hospital of Carbon County	20	2.0%
Douglas	24	2.40/
Converse County Hospital	24	2.4%
Cody	22	0.004
West Park Hospital	23	2.3%
Sheridan	- 00	0.007
Memorial Hospital	23	2.3%
Afton	40	4.007
Star Valley Hospital	16	1.6%
Jackson	10	
	16	1.6%
St. John's Hospital Worland		
	15	1.5%
Washakie Memorial Hospital		
Wheatland	14	1.4%
Platte County Hospital		
Lovell	13	1.3%
North Big Horn Hospital		
Torrington	13	1.3%
Community Hospital		
Buffalo	11	1.1%
Johnson County Memorial Hospital		
Basin	9	0.9%
South Big Horn Hospital		
Newcastle	9	0.9%
Weston County Hospital		
Kemmerer	8	0.8%
South Lincoln Medical Center		1 1150
Sundance	6	0.6%
Crook County Hospital		SALURE CONTR
Thermopolis	6	0.6%
Hot Springs County		precises and distriction
Casper	4	0.4%
Mountain View Hospital		n.m.m.n.f.M.
Cheyenne	3	0.3%
VA Medical Center	_	0.070
Lusk	3	0.3%
Niobrara County Hospital		0.070
Sheridan	3	0.3%
VA Medical Center		0.570
Total	995	100%
	333	100%

Wyoming 2012 Patient Referrals To Health Care Facilities

Site of Referral	Number	
Cheyenne		Percent
Regional Medical Center	40	16.5%
Casper	20	45.70/
Wyoming Medical Center	38	15.7%
Gillette	22	0.10/
Campbell County Hospital	22	9.1%
Rock Springs	20	8.3%
Memorial Hospital of Sweetwater County	20	8.3%
Evanston	16	6.6%
IHC Regional Hospital	10	0.070
Lander	15	6.2%
Lander Valley Medical Center	15	0.270
Riverton	15	6.2%
Memorial Hospital	15	0.270
Sheridan	11	4.5%
Memorial Hospital	3 L	4.5%
Laramie	0	2.70/
lvinson Memorial Hospital	9	3.7%
Jackson	8	2 20/
St. John's Hospital	8	3.3%
Powell		0.00/
Powell Hospital	8	3.3%
Rawlins		0.507
Memorial Hospital of Carbon County	6	2.5%
Afton		0.104
	5	2.1%
Star Valley Hospital		
Cody West Park Hospital	5	2.1%
Torrington	5	2.1%
Community Hospital		
Newcastle	4	1.7%
Weston County Hospital Douglas		
Converse County Hospital	2	0.8%
Kemmerer		
South Lincoln Medical Center	2	0.8%
Thermopolis	2	0.8%
Hot Springs Hospital		
Wheatland	2	0.8%
Platte County Hospital		
Basin	1	0.4%
South Big Horn Hospital		
Buffalo	1	0.4%
Johnson County Hospital		
Casper Mauritain View Hearital	1	0.4%
Mountain View Hospital		
Cheyenne	1	0.4%
VA Medical Center		
_ovell	1	0.4%
North Big Horn Hospital		
Sundance	1	0.4%
Crook County Hospital		
Vorland	1	0.4%
Vashakie Memorial Hospital		April 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10
Lusk	0	0.0%
Niobrara County Hospital		
Sheridan	0	0.0%
/A Medical Center		
Total Total	242	100%

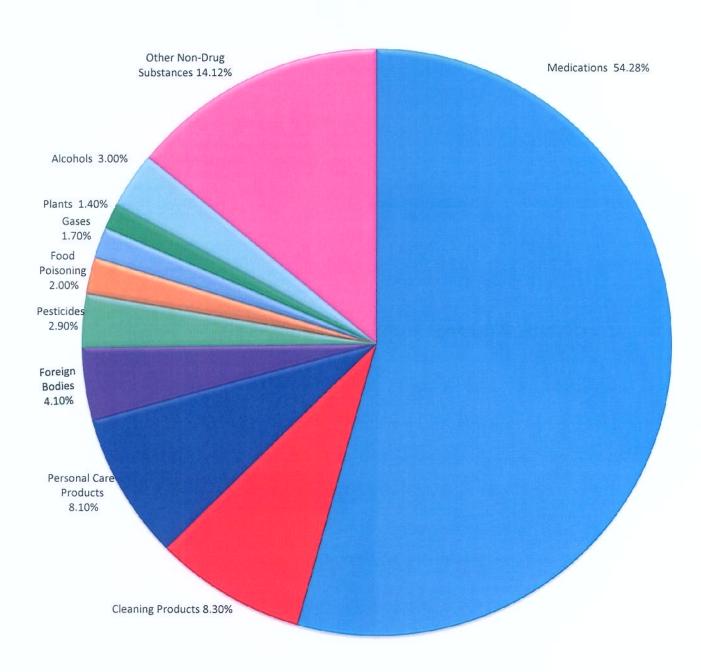
Wyoming 2012 Top Ten Substances: Drug

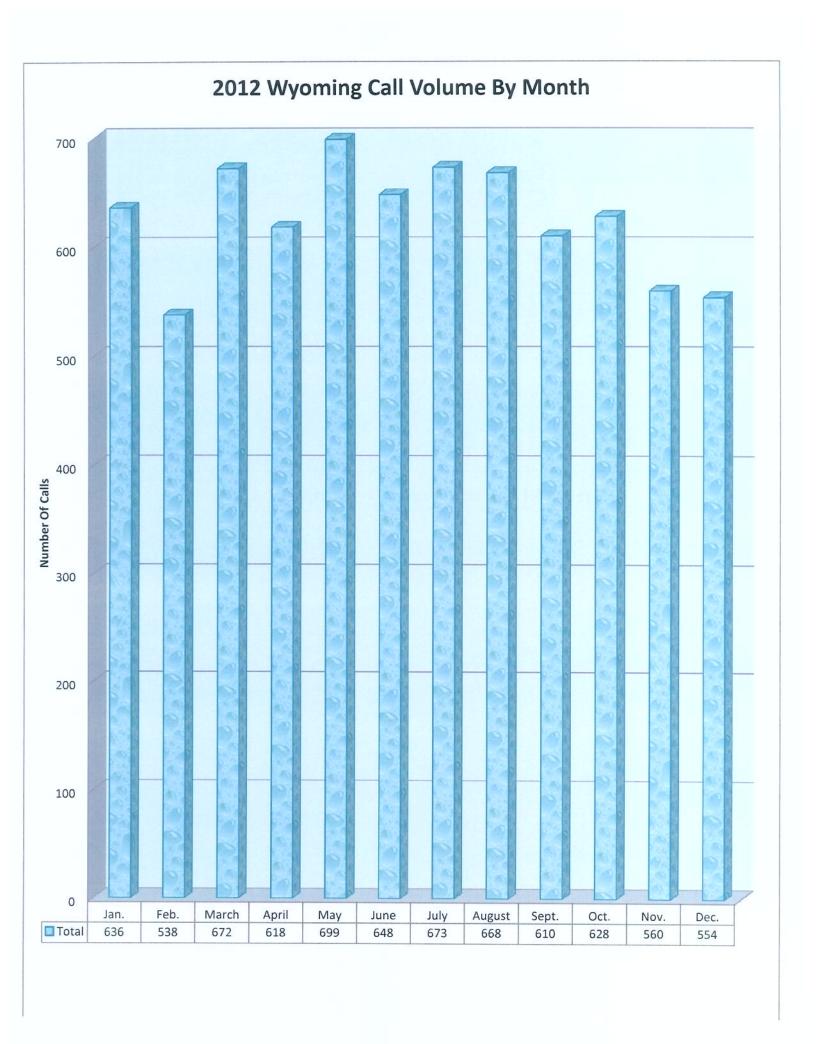
Substance	Number	% Of Total
Analgesics Ibuprofen Acetaminophen Acetaminophen (Combined With Other Drugs) Opioids	800 257 227 142 82	12.5%
Sedative Hypnotics/Anxiolytics	285	4.5%
Topicals Diaper Care/Rash Products Camphor Hydrogen Peroxide	241 100 30 28	3.8%
Antidepressants	223	3.5%
Antihistamines	219	3.4%
Vitamins	185	2.9%
Cold & Cough Preparations	173	2.7%
Cardiovascular Drugs Beta Blockers ACE Inhibitors Antihyperlipidemic	152 37 33 18	2.4%
Dietary Supplements/Herbals/ Homeopathic Melatonin Homeopathic	146 60 35	2.3%
Antimicrobials Antibiotics	130 98	2.0%

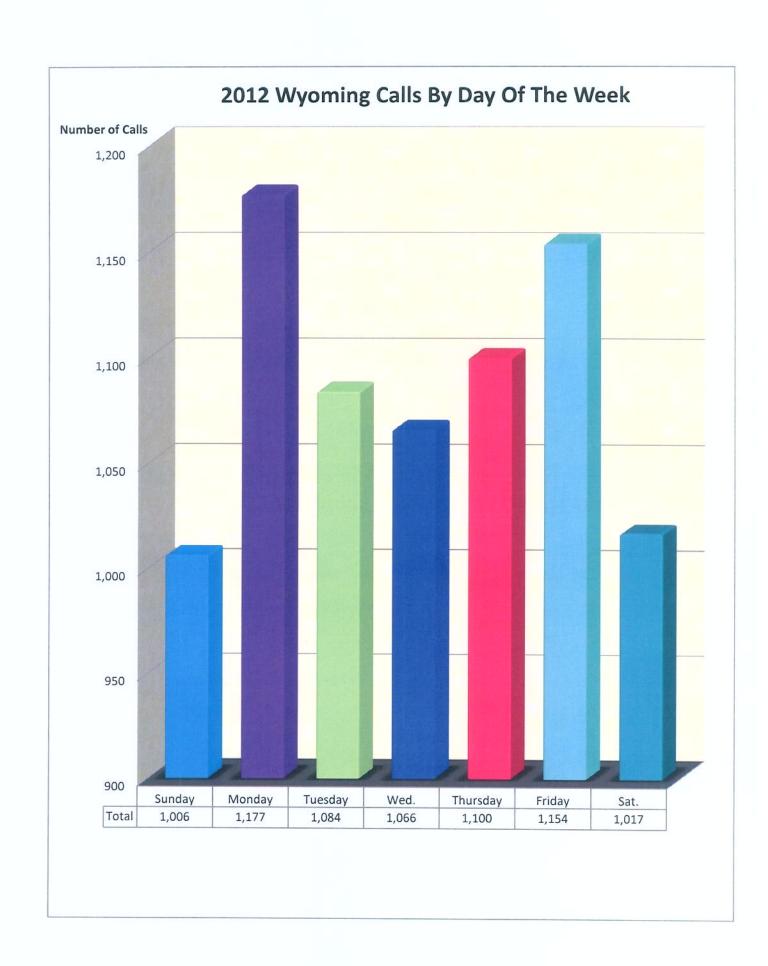
Wyoming 2012 Top Ten Substances: Non-Drug

Substance	Number	% Of Total
Cleaning Substances (Household) Bleaches Wall/Floor/Tile Cleaners Automatic Dishwasher Detergents Laundry Additives	531 76 76 65 36	8.3%
Cosmetics & Personal Care Products Dental Care Products Cream/Lotion/Makeup Nail Care Products Hand Sanitizers	516 83 69 59 55	8.1%
Foreign Bodies Glow products Desiccants	259 74 67	4.1%
Alcohols Ethanol Isopropanol	189 159 8	3.0%
Pesticides Insecticides Rodenticides Repellents	184 94 35 28	2.9%
Food Products/Food Poisoning	129	2.0%
Chemicals	107	1.7%
Gases Carbon Monoxide Chlorine/Chloramine	107 44 19	1.7%
Hydrocarbons Gasoline Fluorochlorocarbon/ propellant	96 39 13	1.5%
Plants Oxalate Gastrointestinal irritant	91 15 14	1.4%

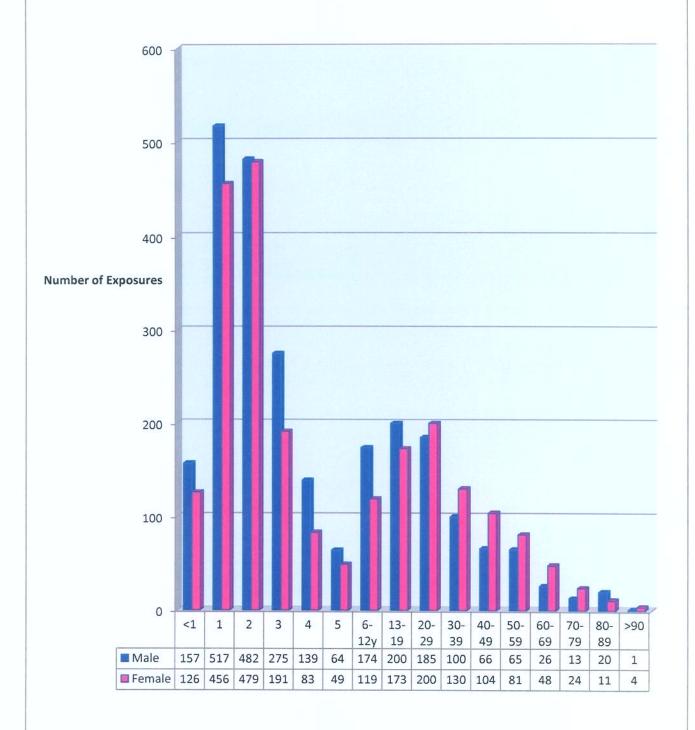
2012 Wyoming Exposures by Substance







2012 Wyoming Age By Gender



2012 Wyoming Poisoning Fatalities

Reason	Age	Gender	Substances
Intentional-Unknown	24	Male	Ethylene glycol, amphetamine, dextromethorphan, chlorpheniramine, aspirin, niacin
Intentional-Suspected Suicide	57	Male	Diphenhydramine, ethanol

2012Call Type

		Call Type	ype			
	Non-industry Cases		Industry Cases		Total	
	Number	Col%	Number	Col %	Number	Col%
Exposures						
Human	5,317	70.86	0	0.00	5,317	70.86
Animal	181	2.41	0	0.00	181	2.41
Subtotal	5,498	73.27	0	0.00	5,498	73.27
Confirmed Nonexposure						
Human	20	0.27	0	0.00	20	0.27
Animal	0	0.00	0	0.00	0	0.00
Subtotal	20	0.27	0	0.00	20	0.27
Information						
Drug identification	1,511	20.14	0	0.00	1,511	20.14
Drug information	185	2.47	0	0.00	185	2.47
Environmental information	35	0.47	0	0.00	35	0.47
Medical information	26	0.35	0	0.00	26	0.35
Occupational information	0	0.00	0	0.00	0	0.00
Poison information	72	0.96	0	0.00	72	0.96
Substance Abuse	13	0.17	0	0.00	13	0.17
Teratogenicity information	_	0.01	0	0.00	_	0.01
Other information	2	0.03	0	0.00	2	0.03
Administrative	ω	0.04	0	0.00	ω	0.04
Caller Referred	ω	0.04	0	0.00	ω	0.04
Prevention / Safety / Education	135	1.80	0	0.00	135	1.80
Subtotal	1,986	26.47	0	0.00	1,986	26.47
Total	7,504	100.00	0	0.00	7,504	100.00

2012 Month by Call Type

		Exposures		Confirmed Nonex	Vonexposures	Information	ormation/Other Calls	alls		Total	
	No	Ave/Day	Row %	No Ave/Day	Row%	No Av	Ave/Day	Row %	No	Ave/Day	Col%
2012											
January	457	14.74	71.86	1 .03		178	5.74	27.99	636	20.52	8.48
February	385	13.28	71.56	1 .03		152	5.24	28.25	538	18.55	7.17
March	475	15.32	70.68	0 .00		197	6.35	29.32	672	21.68	8.9
April	441	14.70	71.36	1 .03		176	5.87	28.48	618	20.60	8.2
May	479	15.45	68.53	0 .00		220	7.10	31.47	699	22.55	9.3
June	469	15.63	72.38	2 .07		177	5.90	27.31	648	21.60	8.6
July	513	16.55	76.23	3 .10		157	5.06	23.33	673	21.71	8.9
August	500	16.13	74.85	1 .03		167	5.39	25.00	668	21.55	8.9
September	453	15.10	74.26	3 .10		154	5.13	25.25	610	20.33	8.1
October	463	14.94	73.73	3 .10		162	5.23	25.80	628	20.26	8.3
November	432	14.40	77.14	4 .13		124	4.13	22.14	560	18.67	7.46
December	431	13.90	77.80	1 .03		122	3.94	22.02	554	17.87	7.38
Subtotal	5,498	15.02	73.27	20 .05	0.27	1,986	5.43	26.47	7,504	20.50	100.0
Total	5,498	15.02	73.27	20 .05	1000	1,986	5.43	26.47	7,504	20.50	100.00

2012
Call Site by Call Ty

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	7,504	0.00	0	26.47	1,986	0.27	20	2.41	181	70.86	5,317	Total	
	398	0.00	0	20.04	398	0.00	0	0.00	0	0.00	0	Not specified	
	71	0.00	0	3.07	61	0.00	0	0.55	_	0.17	9	Unknown	
	240	0.00	0	2.11	42	10.00	2	7.73	14	3.42	182	Other	
	25	0.00	0	0.25	(J)	0.00	0	0.55		0.36	19	Public area	
	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	Restaurant / food service	
	47	0.00	0	1.36	27	0.00	0	0.00	0	0.38	20	School	
	1,126	0.00	0	3.52	70	30.00	6	0.00	0	19.75	1,050	Health care facility	
	142	0.00	0	3.22	64	0.00	0	0.55	_	1.45	77	Workplace	
	99	0.00	0	0.45	9	0.00	0	1.66	ယ	1.64	87	Other residence	
5 71.38	5,356	0.00	0	65.96	1,310	60.00	12	88.95	161	72.84	3,873	Own residence	
	No	Col %	No	Col %	No	Col %	No	Col %	No	Col %	No		
Total		id/Missing	Inval	mation	Infori	med NonExp	Confirm	Animal Exposures	Anima	osures	Human Exposures		

	Sunday	VE	Monday		Tuesday	W	Wednesday	_	hursday		Friday		Saturday	Inv	Inv/Missing	q		Total	
Hour	N _o	Col %	No.	Col%	No	Col %	No	Col %	No	Col%	No	Col%	No	Col %	No	Col%	No	Row % /e/Hou	Hou
00	19	2.61	22	2.55	15	1.93	15	2.00	28	3.59	20	2.78	25	3.56	0	0.00	144	2.71	N
9	9	1.24	17	1.97	16	2.06	6	0.80	12	1.54	13	1.81	14	1.99	0	0.00	87	1.64	_
02	11	1.51	00	0.93	9	1.16	S.	0.67	4	0.51	S	0.70	16	2.28	0	0.00	58	1.09	
03	4	0.55	6	0.70	ယ	0.39	0	0.80	2	0.26	00	1.11	œ	1.14	0	0.00	37	0.70	
04	7	0.96	7	0.81	6	0.77	4	0.53	5	0.64	2	0.28	2	0.28	0	0.00	33	0.62	
05	9	1.24	2	0.23	_	0.13	C)	0.67	C)	0.64	(J)	0.70	4	0.57	0	0.00	31	0.58	
90	o	0.83	2	0.23	4	0.51	5	0.67	5	0.64	ω	0.42	ယ	0.43	0	0.00	28	0.53	
07	o	0.83	00	0.93	00	1.03	C)	0.67	00	1.03	00	1.11	00	1.14	0	0.00	51	0.96	
08	œ	1.10	23	2.67	24	3.08	13	1.74	21	2.69	21	2.92	7	1.00	0	0.00	117	2.20	
09	15	2.06	33	3.83	22	2.83	23	3.07	22	2.82	33	4.59	25	3.56	0	0.00	173	3.25	D 5
10	43	5.91	48	5.57	36	4.63	46	6.14	45	5.77	45	6.26	39	5.56	0	0.00	302	5.68	
1	38	5.23	39	4.52	48	6.17	39	5.21	52	6.67	41	5.70	48	6.84	0	0.00	305	5.74	
12	21	2.89	53	6.15	41	5.27	58	7.74	40	5.13	41	5.70	34	4.84	0	0.00	288	5.42	
13	38	5.23	46	5.34	39	5.01	36	4.81	43	5.51	41	5.70	41	5.84	0	0.00	284	5.34	
14	38	5.23	41	4.76	41	5.27	32	4.27	37	4.74	33	4.59	36	5.13	0	0.00	258	4.85	37
15	37	5.09	42	4.87	46	5.91	42	5.61	29	3.72	40	5.56	27	3.85	0	0.00	263	4.95	
16	38	5.23	37	4.29	47	6.04	38	5.07	36	4.62	28	3.89	25	3.56	0	0.00	249	4.68	
17	53	7.29	82	9.51	54	6.94	52	6.94	74	9.49	38	5.29	42	5.98	0	0.00	395	7.43	56
18	54	7.43	59	6.84	52	6.68	38	5.07	39	5.00	50	6.95	44	6.27	0	0.00	336	6.32	48
19	63	8.67	65	7.54	54	6.94	75	10.01	55	7.05	47	6.54	41	5.84	0	0.00	400	7.52	CD.
20	66	9.08	56	6.50	61	7.84	62	8.28	67	8.59	45	6.26	74	10.54	0	0.00	431	8.11	0
21	72	9.90	68	7.89	70	9.00	63	8.41	61	7.82	54	7.51	43	6.13	0	0.00	431	8.11	62
22	38	5.23	60	6.96	39	5.01	49	6.54	53	6.79	58	8.07	53	7.55	0	0.00	350	6.58	50
23	34	4.68	38	4.41	42	5.40	32	4.27	37	4.74	40	5.56	43	6.13	0	0.00	266	5.00	ω
Total	727	13.67	862	16.21	778	14.63	749	14.09	780	14.67	719	13.52	702	13.20	0	0.00	5.317	100.00	76

Total	Unknown	Other	Public area	Restaurant / food service	School	Health care facility	Workplace	Other residence	Own residence		
5,317	78	63	61	9	138	16	157	156	4,639	Number	Ex
100.00	1.47	1.18	1.15	0.17	2.60	0.30	2.95	2.93	87.25	Col %	Exposure Site

Total	То	Un	Unknown	То	Ott	Food	Drug	Adverse reaction	То	Wi	Ma	Co	Other	То	Un	Ab	Mis	Su	Intentional	То	Un	Fo	Bit	Mis	Th	00	En	Ge	Unintentional			
	Total: Unknown	Unknown reason	n	Total: Adverse reaction	Other	od	ng	reaction	Total: Other	Withdrawal	Malicious	Contamination / tampering		Total: Intentional	Unknown	Abuse	Misuse	Suspected suicide	al	Total: Unintentional	Unknown	Food poisoning	Bite / sting	Misuse	Therapeutic error	Occupational	Environmental	General	ional			
5,317	26	26		121	21	<u> </u>	89		37	9	17	<u></u>		791	43	111	193	444		4,342	2	45	61	143	503	140	153	3,295		Number		
100.00	0.49	0.49		2.28	0.39	0.21	1.67		0.70	0.17	0.32	0.21		14.88	0.81	2.09	3.63	8.35		81.66	0.04	0.85	1.15	2.69	9.46		2.88	61.97		Col %	Reason	

THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.												Unk	Unk	-	lissing/	
	6	6-12	13-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	>=90	Child	Adult Unknown		Invalid	Total
Unintentional																
General	2,857	140	63	57	20	17	9	13	4	S	0	2	105	ω	0	3,295
Environmental	27	14	18	18	5	7	10	(J)	_	0	0	0	48	0	0	153
Occupational	0	0	7	28	24	16	13	2	0	0	0	0	49	_	0	140
Therapeutic error	107	74	41	43	29	20	32	21	21	1	5	2	96	_	0	503
Misuse	4	13	13	1	12	7	14	13	4	_	0	0	51	0	0	143
Bite / sting	10	51	2	1	5	4	7	2	ω	0	0	0	1	_	0	61
Food poisoning	12	ω	7		4	2	2	0	0	0	0	_	13	0	0	45
Unknown	0	0	0	_	0	0	0	0	0	0	0	0	_	0	0	2
Subtotal	3,017	249	151	170	99	73	87	56	33	17	C TI	Ot	374	6	0	4,342
Intentional																
Suspected suicide	_	6	103	117	88	69	33	5	_	0	0	0	21	0	0	444
Misuse	_	72	39	30	14	7	5	4	_	_	0	_	17	_	0	193
Abuse	0	_	51	34	5	S ₁	6		0	0	0	0	00	0	0	111
Unknown	0	5	17	5	7	ω	→	_	0	0	0	0	4	0	0	43
Subtotal	2	84	210	186	114	84	45	1	2	_	0	_	50	_	0	791
Other																
Contamination /	_	_	0	_	2	0.	0	0	0	0	0	0	6	0	0	<u> </u>
tampering																
Malicious	0	ω	4	_	_	2	2	_	0	0	0	0	ω	0	0	17
Withdrawal	0	0	0	2	2	_	0	0	0		0	0	ω	0	0	9
Subtotal		4	4	4	On	ယ	N	_	0	_	0	0	12	0	0	37
Adverse reaction																
Drug	7	(Ji	6	17	00	4	00	4	0	0	0	0	30	0	0	89
Food	2	_,	N	2	0	0	0	_	0	0	0	0	N	->	0	11
Other	2	2	0	ယ	2		2	_	0	0	0	0	00	0	0	21
Subtotal	11	00	00	22	10	ch	10	6	0	0	0	0	40	_	0	121
Unknown																
Unknown reason	_	2	2	ω	2	C)	2	0	2	2	0	0	4	_	0	26
Subtotal	_	2	2	ယ	2	5	2	0	2	2	0	0	4	>	0	26
Total	3,032	347	375	385	230	170	146	74	37	21	O	6	480	9	0	5,317

2012 Acute/Chronic

Total	Unknown	Chronic	Acute-on-chronic	Acute		
5,317	63	168	509	4,577	Number	AC
100.00	1.18	3.16	9.57	86.08	Col %	ACUTE/Chronic

100.00	5.772	Total
0.14	œ	Unknown
0.05	ω	Other
0.02		Vaginal
0.03	2	Otic
0.00	0	Rectal
0.74	43	Parenteral
1.07	62	Bite/sting
8.92	150	Dermal
4.94	285	Ocular
0.12	7	Aspiration
6.96	402	Inhalation/nasal
76.99	4,444	Ingestion
Col.º/	Number	
	Route of Exposure	

	Non-HCF			HCF		Other	Refu	Refused Referral		Inknown	inva	lid/Missing	Total*	
	No	Row %	No	Row %	No	Row %	No	Row %	No	Row %	No	Row %	No	Col%
Route														
Ingestion	3,280	73.81	1,045	23.51	43	0.97	69	1.55	7	0.16	0	0.00	4,444	76.99
Inhalation/nasal	219	54.48	153	38.06	4	1.00	24	5.97	2	0.50	0	0.00	402	6.96
Aspiration (with ingestion)	0	0.00	6	85.71	0	0.00	_	14.29	0	0.00	0	0.00	7	0.12
Ocular	151	52.98	122	42.81	ω	1.05	00	2.81	_	0.35	0	0.00	285	4.94
Dermal	378	73.40	121	23.50	6	1.17	9	1.75	_	0.19	0	0.00	515	8.92
Bite/sting	31	50.00	28	45.16	0	0.00	ယ	4.84	0	0.00	0	0.00	62	1.07
Parenteral	22	51.16	19	44.19	0	0.00	2	4.65	0	0.00	0	0.00	43	0.74
Rectal	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Otic	_	50.00	_	50.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.03
Vaginal	_	100.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	_	0.02
Other	0	0.00	2	66.67	0	0.00	>	33.33	0	0.00	0	0.00	ω	0.05
Unknown	ယ	37.50	Si	62.50	0	0.00	0	0.00	0	0.00	0	0.00	œ	0.14
Total	4,086	70.79	1,502	26.02	56	0.97	117	2.03	1	0.19	0	0.00	5,772	100.00
		*	Total refer	Total refers to total number of	per of route	e not total n	not total number of natient	atients						

Total	Unknown	Refused referral	Other	Subtotal	Unspecified level of care	Patient lost to follow-up/left AMA	Admitted to psychiatric facility	Admitted to noncritical care unit	Admitted to critical care unit	Treated/evaluated and released	Managed in healthcare facility	Managed on site/nonhealth care facility		
5.317	10	109	54	1,386	0	88	92	241	197	768		3,758	Number	Management Site
100.00	0.19	2.05	1.02	26.07	0.00	1.66	1.73	4.53	3.71	14.44		70.68	Pe	Ф

2012

Management Site by Referral Pattern

100.00	1,495	100.00	29.10	435	100.00	70.90	1,060	Total
0.00	0	0.00	0.00	0	0.00	0.00	0	Unspecified level of care
7.29	109	25.06	100.00	109	0.00	0.00	0	Refused referral
5.89	88	13.56	67.05	59	2.74	32.95	29	Patient lost to follow-up/left AMA
6.15	92	2.76	13.04	12	7.55	86.96	80	Admitted to psychiatric facility
16.12	241	8.05	14.52	35	19.43	85.48	206	Admitted to noncritical care unit
13.18	197	4.37	9.64	19	16.79	90.36	178	Admitted to critical care unit
51.37	768	46.21	26.17	201	53.49	73.83	567	Treated/evaluated and released
Col %	Number	Col %	Row %	Number	Col %	Row %	Number	
	Total	on Center	red by Pois	Patient Referred by Poison	÷ń	Patient Already in HCF	Patient /	

	Male		Female	76.30	Unknown	vn	Invalid/Missing	Total	al	
	No	Row %	No	Row %	No	Row %	No Row %		No	Col %
Unintentional										
General	1,759	53.38	1,530	46.43	o	9.68	0.1		3,295	61.97
Environmental	al 65	42.48	88	57.52	0	0.00	0.1		153	2.88
Occupational	97	69.29	43	30.71	0	0.00	0.0		140	2.63
Therapeutic error	error 230	45.73	271	53.88	2	3.23	0.0		503	9.46
Misuse	72	50.35	71	49.65	0	0.00	0.0		143	2.69
Bite / sting	32	52.46	29	47.54	0	0.00	0.0		61	1.15
Food poisoning	ng 20	44.44	25	55.56	0	0.00	0.0		45	0.85
Unknown	2	100.00	0	0.00	0	0.00	0.0		2	0.04
Subtotal	2,277	52.44	2,057	47.37	00	0.18	0.00		4,342	81.66
Intentional										
Suspected suicide	iicide 156	35.14	288	64.86	0	0.00	0.0		444	8.35
Misuse	79	40.93	63	32.64	51	82.26	0.0		193	3.63
Abuse	69	62.16	39	35.14	ω	4.84	0.0		111	2.09
Unknown	29	67.44	14	32.56	0	0.00	0.0		43	0.81
Subtotal	333	42.10	404	51.07	54	6.83	0.00		791	14.88
Other										
Contamination / tampering	n / tampering 6	54.55	G	45.45	0	0.00	0.0	00	<u></u>	0.21
Malicious	10	58.82	7	41.18	0	0.00	0.0	00	17	0.32
Withdrawal	4	44.44	5	55.56	0	0.00	0.0	00	9	0.17
Subtotal	20	54.05	17	45.95	0	0.00	0.00	00	37	0.70
Adverse reaction	ion									
Drug	35	39.33	54	60.67	0	0.00	0.0		89	1.67
Food	5	45.45	о	54.55	0	0.00	0.0			0.21
Other	00	38.10	13	61.90	0	0.00	0.0		21	0.39
Subtotal	48	39.67	73	60.33	0	0.00	0.00		121	2.28
Unknown										
Unknown reason		50.00	13	50.00	0	0.00	0.00			0.49
Total	2,691	50.61	2,564	48.22	62	1.17	0.0		5,317 1	100.00

Total	Invalid/missing age	Unknown age	Other	Subtotal	Unknown adult	>= 90 years	80-89 years	70-79 years	60-69 years	50-59 years	40-49 years	30-39 years	20-29 years	Adults (>=20 years)	Subtotal	Unknown child	Teen 13-19 years	Child 6-12 years	Unknown <= 5 years	5 years	4 years	3 years	2 years	1 year	^	Children (<20 years)			
	ng age	е			ult									ars)		d	/ears	ars	5 years							ears)			
2,691	0	5		669	203	_	10	13	26	65	66	100	185		2,017	5	200	174	4	64	139	275	482	517	157		No	Male	Michigan Charles and Company
50.61	0.00	55.56		43.22	42.29	20.00	47.62	35.14	35.14	44.52	38.82	43.48	48.05		53.64	83.33	53.33	50.14	40.00	56.64	62.61	58.89	50.10	53.03	55.48		Row %	O	STOREST COLUMN TO STORE
2,564	0	4		878	276	4	1	24	48	81	104	130	200		1,682	_	173	119	5	49	83	191	479	456	126		No	Female	Cho
48.22	0.00	44.44		56.72	57.50	80.00	52.38	64.86	64.86	55.48	61.18	56.52	51.95		44.73	16.67	46.13	34.29	50.00	43.36	37.39	40.90	49.79	46.77	44.52		Row %	e	THE DY OFFICE
62	0	0		-	_	0	0	0	0	0	0	0	0		61	0	2	54	_	0	0	_		N	0		No	Unknown	
1.17	0.00	0.00		0.06	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.62	0.00	0.53	15.56	10.00	0.00	0.00	0.21	0.10	0.21	0.00		Row %	vn	
0	0	0		0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0		No	Invalid/Missing	
0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		Row %	ssing	
5,317	0	9		1,548	480	ڻ ن	21	37	74	146	170	230	385		3,760	6	375	347	10	113	222	467	962	975	283		No	Total	
100.00	0.00	0.17		29.11	9.03	0.09	0.39	0.70	1.39	2.75	3.20	4.33	7.24		70.72	0.11	7.05	6.53	0.19	2.13	4.18	8.78	18.09	18.34	5.32		Col %		
5,317	5,317	5,317		5,308	5,308	4,828	4,823	4,802	4,765	4,691	4,545	4,375	4,145		3,760	3,760	3,754	3,379	3,032	3,022	2,909	2,687	2,220	1,258	283		No	Cumulative Total	Charles with syndramic
100.00	100.00	100.00		99.83	99.83	90.80	90.71	90.31	89.62	88.23	85.48	82.28	77.96		70.72	70.72	70.60	63.55	57.02	56.84	54.71	50.54	41.75	23.66	5.32		Cum %	'e Total	

Deconta
ntamination and
-
herapeutic I
c Interven
tion

Control of the Contro										
	Total	Decontamination and other therapy	Other therapy only	Decontamination only	Unknown if therapy provided	Patient refused any help	Observation only	No therapy provided		
	5.317	411	438	2,519	565	30	1,083	271	No of Patients	בככטוומווווומווטוו מווע וווכומבטווכ ו
	100.00	7.73	8.24	47.38	10.63	0.56	20.37	5.10	% of Cases	יוכ ווונכו אכו ונוסוו

	Reco	Recommended			P	Performed			Total
	Unknown if Performed		Known Not Performed	_	Rec and Pe	Performed	Not Recomm	ended*	
	Number	Col%	Number	Col%	Number	Col%	Number	Col %	Number
lpecac	0	0.00	0	0.00	0	0.00	2	0.16	
Charcoal, single dose	12	1.76	25	96.15	124	5.94	70	5.50	2
Charcoal, multiple doses	0	0.00	0	0.00	_	0.05	2	0.16	
Lavage	0	0.00	0	0.00	0	0.00	5	0.39	
Cathartic	0	0.00	0	0.00	0	0.00	10	0.79	
Whole bowel irrigation	2	0.29	0	0.00	0	0.00	0	0.00	
Other emetic	0	0.00	0	0.00	→	0.05	81	6.37	
Dilute/irrigate/wash	376	55.29	_	3.85	1,550	74.30	752	59.12	2,6
Fresh air	9	1.32	0	0.00	61	2.92	165	12.97	2
Food/snack	281	41.32	0	0.00	349	16.73	185	14.54	815
Total**	680	16.73	26	0.64	2,086	51.33	1,272	31.30	4,0
	** Note, this is the total number of decontaminations, NOT the total	total number o	f decontamination	is, NOT the total	=				
	number of patients receiving decontamination	receiving deco	ontamination.						

Other Therapies

	Reco Unknown if Performed	mme	ed		performed Not	ed Not Recommended*	28
Alkalinization	Number 9	5.42	0 0.00	Number 22	7.46	Number 11	0.99
Amyl nitrite	0	0.00	0 0.00	0	0.00	0	0.00
Antiarrhythmic	0	0.00	0 0.00	0	0.00	0	0.00
Antibiotics	3	1.81	0 0.00	22	7.46	70	6.32
Anticonvulsants	_	0.60	0 0.00	0	0.00	သ	0.27
Antiemetics	ω	1.81	0 0.00	4	1.36	67	6.05
Antihistamines	13	7.83	0 0.00	5	1.69	36	3.25
Antihypertensives	0	0.00	0 0.00	0	0.00	_	0.09
Antivenin/antitoxin	0	0.00	0 0.00	_	0.34	_	0.09
Antivenin (fab fragment)	0	0.00	0 0.00	w	1.02	2	0.18
Atropine	0	0.00	0 0.00	0	0.00	ယ	0.27
Benzodiazepines	24	14.46	5 33.33	37	12.54	38	3.43
BAL	0	0.00	0 0.00	0	0.00	0	0.00
Bronchodilators	2	1.20	1 6.67	C 1	1.69	18	1.62
Calcium	23	13.86	0 0.00	35	11.86	9	0.81
Cardioversion	0	0.00	0 0.00	0	0.00	0	0.00
CPR	0	0.00	0 0.00	0	0.00	2	0.18
Deferoxamine	0	0.00	0 0.00	_	0.34	0	0.00
ECMO	0	0.00	0 0.00	0	0.00	0	0.00
EDTA	0	0.00	0 0.00	0	0.00	0	0.00
Ethanol	0	0.00	0 0.00		0.34		0.09
Extracorp. procedure (other)	0	0.00	0 0.00	0	0.00	0	0.00
Fab fragments	0	0.00	0 0.00	2	0.68	2	0.18
Fluids, IV	10	6.02	1 6.67	35	11.86	389	35.11
Flumazenil	0	0.00	0 0.00	0	0.00	10	0.90
Folate	_	0.60	0 0.00	0	0.00	0	0.00
Fomepizole	ω	1.81	1 6.67	6	2.03	→	0.09
Glucagon	0	0.00	0 0.00	0	0.00	_	0.09
Glucose, > 5%	0	0.00	0 0.00	2	0.68	6	0.54
Hemodialysis	_	0.60	0 0.00	0	0.00	_	0.09
Hemoperfusion	0	0.00	0 0.00	0	0.00	0	0.00
Hydroxocobalamin	0	0.00	0 0.00	0	0.00	0	0.00
Hyperbaric oxygen	0	0.00	0 0.00	_	0.34	0	0.00
Insulin	0	0.00	0 0.00	0	0.00	→	0.09
Intubation	0	0.00	0 0.00	0	0.00	26	2.35

	Total**	Other	Ventilator	Vasopressors	Transplantation	Succimer	Steroids	Sodium thiosulfate	Sodium nitrite	Sedation (other)	Pyridoxine	Phytonadione	Physostigmine	Penicillamine	Pacemaker	2-PAM	Oxygen	Octreotide	Neuromuscular blocker	Naloxone	Nalmefene	NAC, PO	NAC, IV	Methylene blue
** Note: Total number of other therapies is given, NOT the total number of patients receiving other therapies.	166 10.48	48 28.92	1 0.	0 0.	0 0.	0 0.	1 0.	0 0.	0 0.	0 0.	0 0.	0 0.	1 0.	0 0.	0 0.	0 0.	8 4.	0 0.	0 0.	2 1.	0 0.	2 1.	10 6	0 0
ther therapies is given, N	48 15	92 0	60 0	00 0	00 0	00 0	0	00 0	00 0	00 0	00 0	00 0	0.60 0	00 0	00 0	00 0	4.82 0	00 1	0.00 0	20 0	00 0	1.20 0	6.02 6	0.00 0
OT the total number of p	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00	0.00	0.00	40.00	0.00
atients re	295	46	0	ω	0	0	0	0	0	0	0	0	_	0	0	0	17	0	0	00	0	00	30	0
ceiving other thera	18.62	15.59	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	5.76	0.00	0.00	2.71	0.00	2.71	10.17	0.00
pies.	1,108	145	24	C)	0	0	15	0	0	17	_	0	0	0	0	0	144	_	ω	32	0	00	14	0
																								0.00
	1,584	239	25	00	0	0	16	0	0	17	_	0	2	0	0	0	169	2	w	42	0	18	60	0
																								0.00

5,317	0	9	480	6	G	21	37	74	146	170	230	385	375	347	3,032	Total
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Confirmed nonexposure
5,317	0	9	480	6	5	21	37	74	146	170	230	385	375	347	3,032	Subtotal for exposures
180	0	0	28	_	0	2	S ₁	4	13	00	10	15	18	12	64	Unrelated effect
112	0	_	22	0	0	ω	_	_	6	1	12	18	17	4	16	No follow-up, potentially toxic
2,549	0	4	209	2	ω	00	13	26	33	32	41	80	98	201	1,799	No follow-up, minimal toxicity
459	0	0	24	0	_	2	7	4	7	ယ	2	ယ	(Ji	28	373	No follow-up, nontoxic
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Death, indirect report
2	0	0	0	0	0	0	0	0	_	0	0	_	0	0	0	Death
23	0	0	0	0	0	0	_	_	2	_	00	7	ω	0	0	Major effect
384	0	ω	37	_	0	2	_	<u> </u>	28	45	75	80	70	00	23	Moderate effect
996	0	_	129	2	0	ω	7	22	42	62	64	151	128	56	329	Minor effect
612	0	0	31	0	_	_	2	5	14	00	18	30	36	38	428	No effect
Total	Invalid	Unknown	Adult I	Child	>=90	80-89	70-79	60-69	50-59	40-49	30-39	20-29	13-19	6-12	6>	
			nknown	nknown U	ᄓ											
							ecades)	fults in Du	Medical Outcome by Age (Adults in Decades)	tcome b	ledical Ou	M				

				Me	ledical Ou	tcome by R	Reason							
	Unintentiona	3	Intentional			Other	Adve	Adverse Reaction	_	Inknown	Inva	lid/Missing		Total
	No	Row %	No	Row %	No	Row %	No	Row %	No	Row %	No	Row %	No	Col %
No effect	520	84.97	88	14.38	ω	0.49	_	0.16	0	0.00	0	0.00	612	11.51
Minor effect	695	69.78	259	26.00	9	0.90	29	2.91	4	0.40	0	0.00	996	18.73
Moderate effect	144	37.50	215	55.99	4	1.04	16	4.17	5	1.30	0	0.00	384	7.22
Major effect	_	4.35	21	91.30	0	0.00	0	0.00	_	4.35	0	0.00	23	0.43
Death	0	0.00	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.04
Death, indirect report	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
No follow-up, nontoxic	451	98.26	5	1.09	ပ	0.65	0	0.00	0	0.00	0	0.00	459	8.63
No follow-up, minimal toxicity	2,364	92.74	121	4.75	13	0.51	45	1.77	6	0.24	0	0.00	2,549	47.94
No follow-up, potentially toxic	39	34.82	61	54.46	_	0.89	S ₁	4.46	6	5.36	0	0.00	112	2.11
Unrelated effect	128	71.11	19	10.56	4	2.22	25	13.89	4	2.22	0	0.00	180	3.39
Subtotal for exposures	4,342	81.66	791	14.88	37	0.70	121	2.28	26	0.49	0	0.00	5,317	100.00
Confirmed nonexposure	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Total	4,342	81.66	791	14.88	37	0.70	121	2.28	26	0.49	0	0.00	5,317	100.00
日本の大学の日本の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の大学の	THE REAL PROPERTY AND PERSONS ASSESSED.	Control of the last of the las	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUM		The second named in column 2 is not a least		THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN					CONTRACTOR IN CO		Charles of the Control of the Contro