

2009

ANNUAL REPORT



MINNESOTA POISON CONTROL SYSTEM

The Hennepin Regional Poison Center (HRPC) is designated by the Minnesota Department of Health to provide poison information and toxicology consultative services to the entire state of Minnesota as the Minnesota Poison Control System. HRPC is located in the Hennepin County Medical Center in Minneapolis, Minnesota. The HRPC has met stringent criteria set forth by the American Association of Poison Control Centers, earning the designation of an Accredited Regional Poison Center.

The Minnesota Poison Control System provides various services to the citizens of the State of Minnesota including:

Poison Help Hotline (1-800-222-1222)

Poison emergency and information calls are answered by nationally Certified Specialists in the Poison Information. They answer poison related questions and provide first aid advice and treatment recommendations to the general public and health care professionals throughout the state. The service is provided via a national toll-free telephone number accessible by both voice and TTY and is available 24 hours a day, 365 days a year. Interpretive services are also available in most languages.

Public and Professional Education

Public education is offered on our website, www.mnpoison.org and includes: an automated poison prevention material ordering system, a video lending library, and poison prevention information in PDF format for downloading and reproducing purposes. The MPCCS also partners with various public health agencies and other community-based safety and health entities to promote awareness of the Poison Help number and the services that MPCCS can offer.

Professional education efforts include:

- University of Minnesota College of Pharmacy Clerkship for fourth-year students
- On-site toxicology instruction to emergency medicine, pediatric, and family medicine residents, medical students, physicians assistants, nurses and paramedics
- An accredited physician toxicology fellowship program in conjunction with Regions Hospital
- Toxicosurveillance

Off-site professional education offerings include: publication in various professional journals, presentation at various physician, nursing, pharmacy and EMS conferences annually

In partnership with the Minnesota Department of Health, American Association of Poison Control Centers and federal security organizations, our Poison Center provides real-time surveillance looking for early warning signs of a public health event.

2009

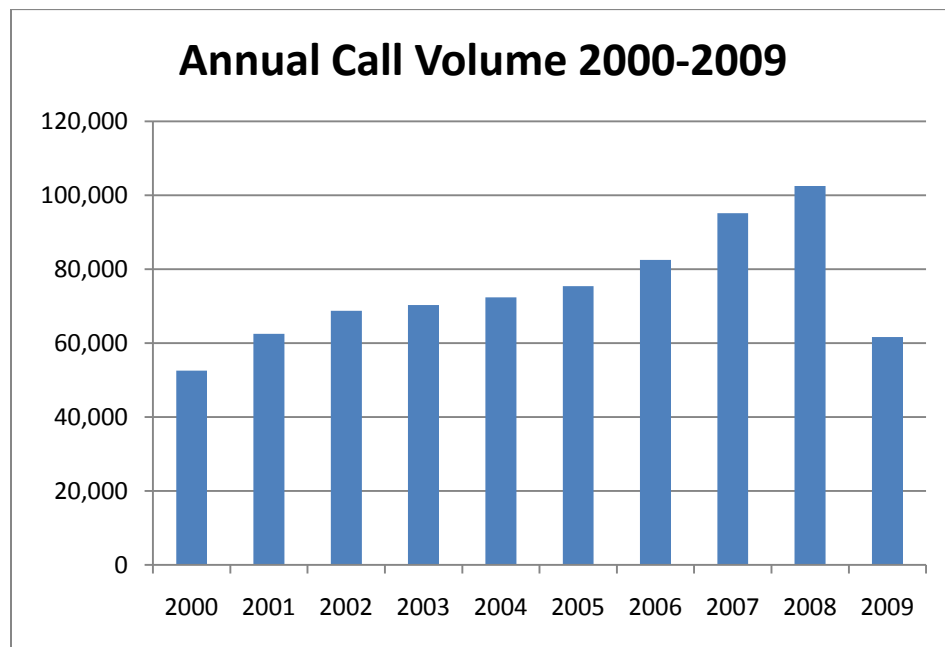
TOTAL CALLS

61,648 Callers Served

51,853 Poison Exposures

9,795 Information Requests

148,845 Literature Distributed



Please note: 2009 pill identification services were discontinued

2009 VOLUME BY MONTH

The Poison Center received a total of, 61,648 calls to the *Poison Help* hotline.
Of this total, 51,853 were regarding poison exposure cases.

Month	Exposure Calls	Information & Prevention Calls	Total Calls
January	4,361	968	5,329
February	3,815	826	4,641
March	4,401	727	5,128
April	4,194	841	5,035
May	4,515	842	5,357
June	4,405	789	5,194
July	4,460	906	5,366
August	4,495	790	5,285
September	4,513	776	5,289
October	4,380	869	5,249
November	4,242	727	4,969
December	4,072	734	4,806
TOTALS	51,853	9,795	61,648

HOW MANY CALLS WERE MADE PER COUNTY?

AITKIN	159	KITTSOON	22	SAINT LOUIS	2,532
ANOKA	3,674	KOOCHICHING	126	SCOTT	1,186
BECKER	360	LAC QUI PARLE	42	SHERBURNE	849
BELTRAMI	723	LAKE	76	SIBLEY	125
BENTON	260	LAKE OF THE WOODS	31	STEARNS	1,863
BIG STONE	29	LE SUEUR	228	STEELE	402
BLUE EARTH	667	LINCOLN	43	STEVENS	94
BROWN	240	LYON	218	SWIFT	90
CARLTON	459	MAHNOMEN	84	TODD	248
CARVER	929	MARSHALL	59	TRAVERSE	23
CASS	335	MARTIN	270	WABASHA	203
CHIPPEWA	100	MCLEOD	408	WADENA	186
CHISAGO	723	MEEKER	189	WASECA	146
CLAY	485	MILLE LACS	440	WASHINGTON	2,447
CLEARWATER	117	MORRISON	332	WATONWAN	74
COOK	41	MOWER	390	WINONA	390
COTTONWOOD	83	MURRAY	50	WILKIN	79
CROW WING	830	NICOLLET	269	WRIGHT	1,548
DAKOTA	3,797	NOBLES	195	YELLOW MEDICINE	126
DODGE	138	NORMAN	67	UNSPECIFIED	3,297
DOUGLAS	413	OLMSTED	1,651	TOTAL	61,648
FARIBAULT	110	OTTER TAIL	518		
FILMORE	183	PENNINGTON	166		
FREEBORN	313	PINE	259		
GOODHUE	556	PIPESTONE	73		
GRANT	56	POLK	263		
HENNEPIN	14,688	POPE	65		
HOUSTON	126	RAMSEY	5,326		
HUBBARD	244	RED LAKE	39		
ISANTI	503	REDWOOD	155		
ITASCA	601	RENVILLE	145		
JACKSON	80	RICE	606		
KANABEC	189	ROCK	91		
KANDIYOHIO	458	ROSEAU	175		



WHAT WAS THE REASON FOR THE EXPOSURE?

<u>UNINTENTIONAL EXPOSURES</u>		<u>PERCENT</u>
Accidental	30,389	59
Environmental	1,645	3
Occupational	748	1
Therapeutic Error	6,221	12
Misuse	2,049	4
Bite/Sting	291	1
Food Poisoning	707	1
Unknown	51	<1
Total:	42,101	81%

<u>INTENTIONAL EXPOSURES</u>		
Suspected Suicide	4,370	8
Misuse	1,487	3
Abuse	1,280	3
Unknown	700	1
Total:	7,837	15%

<u>OTHER EXPOSURES</u>		
Contamination/Tampering	108	<1
Malicious	154	<1
Withdrawal	35	<1
Total:	297	<1%

<u>ADVERSE REACTIONS</u>		
Drug	1,242	2
Food	101	<1
Other	111	<1
Total:	1,454	3%

<u>UNKNOWN</u>		
Unknown Reason	164	<1

TOTALS: 51,853 100%

EXPOSURE MANAGMENT SITES?

12,682 patients with exposures were treated at health care facilities. All callers with exposures involving intent to harm are referred to a health care facility regardless of potential toxicity. Specialists in Poison Information provided the hospital staff with recommendations on treatment and follow the patient until medically cleared.

<u>EXPOSURE SITE</u>	<u>2009</u>	<u>PERCENT</u>
Managed On-Site/Non Health Care Facility	39,171	76
<u>Health Care Facility</u>		
Treated/Evaluated and Released	4,778	9
Admitted to Critical Care Unit	2,203	4
Admitted to Non-Critical Care Unit	1,501	3
Admitted to Psychiatric Facility	1,215	2
Lost to Flow-Up or Left AMA	2,007	4
Unknown	978	2
TOTAL:	51,853	100%

WHERE DID THE EXPOSURE OCCUR?

<u>SITE</u>	<u>NUMBER</u>	<u>PERCENT</u>
Own Residence	47,076	91
Other Residence	1,548	3
Workplace	952	2
Health Care Facility	356	<1
School	658	1
Restaurant/Food Service	115	<1
Public Area	428	1
Other	551	1
Unknown	169	<1
TOTAL	51,853	100%

WHAT WAS THE SUBSTANCES INVOLVED IN THE EXPOSURE?

Non-Drug Substances		Drug Substance	
Cosmetic/Personal Care Products	4,652	Analgesics	7,696
Household Cleaning Products	3,892	Sedative/Hypnotics/Antipsychotics	3,845
Foreign Bodies/Miscellaneous	2,839	Antidepressants	3,043
Alcohols	2,218	Topical Preparations	2,308
Plants/Mushrooms	1,684	Cardiovascular Drugs	2,149
Pesticides	1,473	Antihistamines	1,770
Food products/food poisoning	1,318	Vitamins	1,728
Chemicals/industrial cleaners	1,274	Cold and Cough Preparations	1,637
Fumes/Gases/Vapors	944	Antimicrobials	1,528
Hydrocarbons	985	Anticonvulsants	1,108
Other	21,279	Other	8,256
Total Non-Drug Substances	26,394	Total Drug Substances	35,068

*Please note: for any exposure there may be more than one substance involved.



MEET OUR STAFF

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* CSPI – Certified Specialist in Poison Information

* PIP – Poison Information Provider

WHY IS THE POISON CENTER IMPORTANT?

Poison Control Centers are cost efficient and effective. They play a critical role in poison education and prevention activities and provide a valuable resource to both the general public and health care providers.

- Poisoning is the second leading cause of unintentional death due to injury in the United States.
- 85% of the poison exposure calls that came from the public were helped onsite where the poisoning occurred, saving families and individuals the time and costs of an unnecessary emergency department visit.
- For every \$1 spent to fund the Hennepin Regional Poison Center, \$7 is saved in unnecessary healthcare costs. In 2009, this resulted in a savings of \$16 million for Minnesotans.
- Hennepin Regional Poison Center provided 82 professional toxicology-related education opportunities to over 6,200 health care professionals, fellows, residents and students.
- Hennepin Regional Poison Center conducted 77 public poison prevention events attended by over 9,300 Minnesotans. 148,845 pieces of poison prevention materials were distributed in 2009.