

Poison Center Activity Report 2004

This report is provided as a service of the Maryland Poison Center. If you have additional questions, please contact Bruce D. Anderson, PharmD, DABAT, Director at banderso@rx.umaryland.edu or by phone at 410-563-5580.



This report contains the following subreports containing statistical information on the nature of the calls managed by the Poison Center during the reporting period:

Definitions:

Patient flow: refers to where patients were managed (e.g., were they referred to the emergency room, were they managed at home, etc.)

HCF: Health Care Facility

Outcomes: outcomes have specific definitions.

Minor effects involve exposures where some symptoms has occurred, but the symptom(s) are not serious, not life threatening, and resolve quickly with minimal intervention (e.g., nausea, vomiting, skin irritation)

Moderate effects involve more serious or long lasting symptoms or effects that require some specific intervention (e.g., vomiting that results in the need for rehydration with IV fluids).

Major effects involve serious, life-threatening exposures that require life-saving treatment (e.g., intubation and ventilation) or involve effects that are permanent or disfiguring (e.g., permanent scarring after a caustic exposure).

1. Call by Call Type (including information call sub types).
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Counties Included in Report

Maryland-MD

County	County#/FIP
TALBOT	24041

Maryland-MD 1

Total Counties: 1

Calls by Call Type

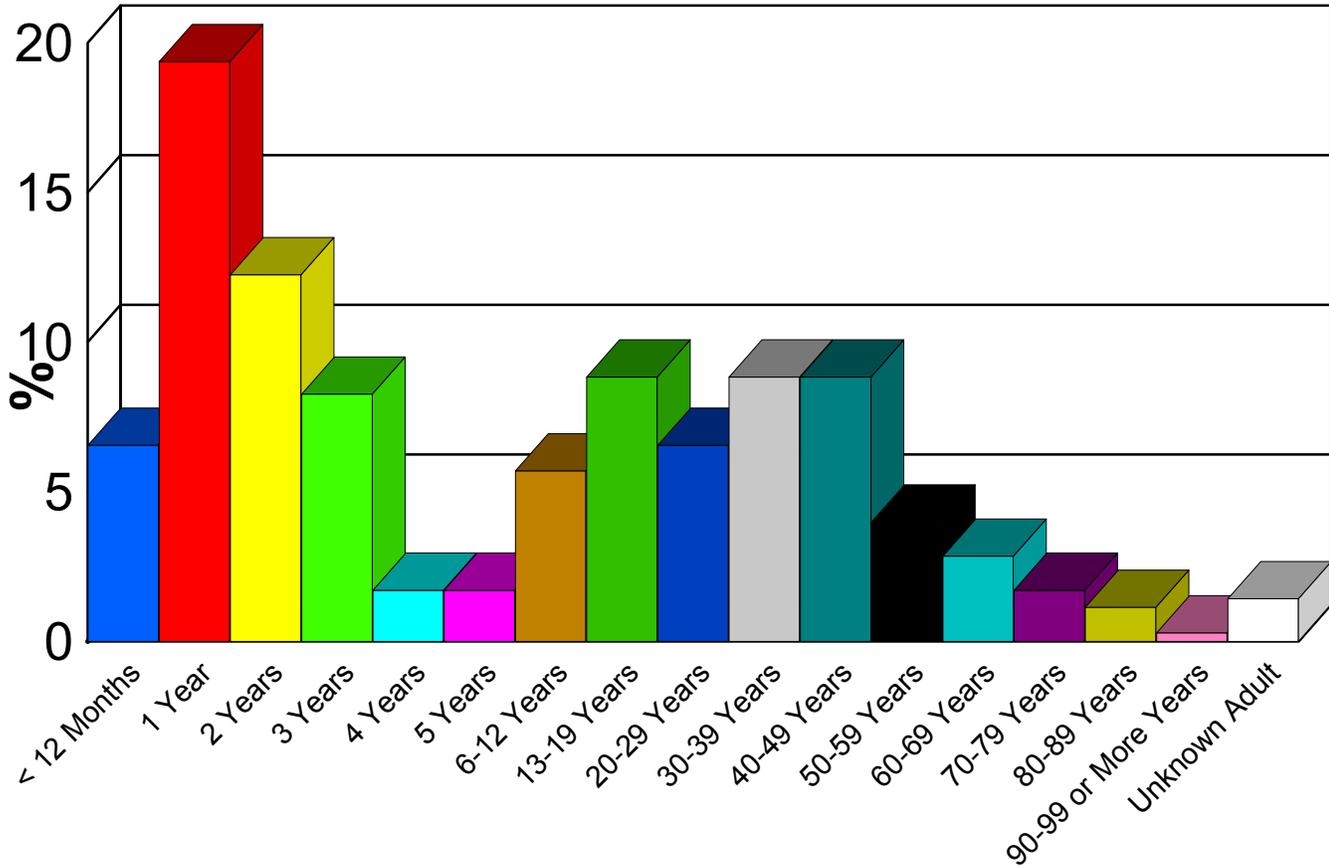
Exposures	370	%	67.40
Human Exposures	351	%	63.93
Confirmed Exposure	351	%	63.93
Animal Exposures	19	%	3.46
Confirmed Exposure	19	%	3.46
Information Calls	179	%	32.60
Drug Information	54	%	9.84
5.56%	3		Adverse effects (no known exposure)
1.85%	1		Compounding
1.85%	1		Dietary supplement, herbal, and homeopathic
5.56%	3		Dosage
3.70%	2		Dosage form/formulation
1.85%	1		Drug use during breast-feeding
5.56%	3		Drug-drug interactions
1.85%	1		Foreign drug
5.56%	3		Indications/therapeutic use
1.85%	1		Medication administration
3.70%	2		Pharmacokinetics
61.11%	33		Other
Drug ID	85	%	15.48
22.35%	19		Public - Drug sometimes involved in abuse
17.65%	15		Public - Drug not known to be abused
4.71%	4		Public - Unknown abuse potential
8.24%	7		Public - Unable to identify
7.06%	6		Health Prof - Drug sometimes involved in abuse
9.41%	8		Health Prof - Drug not known to be abused
4.71%	4		Law Enfrmnt - Drug sometimes involved in abuse
5.88%	5		Law Enfrmnt - Drug not known to be abused
1.18%	1		Law Enfrmnt - Unable to identify
18.82%	16		Other
Environmental Info	1	%	0.18
100.00%	1		Mercury thermometer cleanup
Medical Information	4	%	0.73
50.00%	2		Diagnostic or treatment recommendations for diseases or conditions - non-toxicology
25.00%	1		General first-aid
25.00%	1		Other
Poison Information	34	%	6.19
38.24%	13		General toxicity
2.94%	1		Plant toxicity
58.82%	20		Other
Prevention/Safety	1	%	0.18
100.00%	1		Poison prevention material requests
Grand Total:	549	%	100.00

Patient Age & Sex Distribution by Age Groupings

< 12 Months		23	6.553%
Male		12	52.17%
Female		11	47.83%
1 Year		68	19.373%
Male		31	45.59%
Female		37	54.41%
2 Years		43	12.251%
Male		22	51.16%
Female		21	48.84%
3 Years		29	8.262%
Male		18	62.07%
Female		11	37.93%
4 Years		6	1.709%
Male		4	66.67%
Female		2	33.33%
5 Years		6	1.709%
Male		3	50.00%
Female		3	50.00%
6-12 Years		20	5.698%
Male		11	55.00%
Female		9	45.00%
13-19 Years		31	8.832%
Male		11	35.48%
Female		20	64.52%
20-29 Years		23	6.553%
Male		8	34.78%
Female		14	60.87%
Pregnant		1	4.35%
30-39 Years		31	8.832%
Male		14	45.16%
Female		17	54.84%
40-49 Years		31	8.832%
Male		13	41.94%

40-49 Years	31	8.832%
Female	18	58.06%
50-59 Years	14	3.989%
Male	7	50.00%
Female	7	50.00%
60-69 Years	10	2.849%
Male	4	40.00%
Female	6	60.00%
70-79 Years	6	1.709%
Male	1	16.67%
Female	5	83.33%
80-89 Years	4	1.140%
Female	4	100.00%
90-99 or More Years	1	0.285%
Female	1	100.00%
Unknown Adult	5	1.425%
Male	1	20.00%
Female	4	80.00%
Grand Total:	351	

Percentage by Age Categories



Patient Flow Children 5 Years and Under

			<u>Number</u>	<u>Percentage</u>
Managed on Site (non-HCF)			160	91.43
Female	82	51.25%		
Male	78	48.75%		
In/enroute to HCF			10	5.71
Treated/evaluated and released			8	4.57
Female	1	12.50%		
Male	7	87.50%		
Admitted to noncritical care unit			2	1.14
Female	1	50.00%		
Male	1	50.00%		
Referred to HCF			5	2.86
Treated/evaluated and released			3	1.71
Female	1	33.33%		
Male	2	66.67%		
Admitted to noncritical care unit			2	1.14
Male	2	100.00%		
			175	100 %

Patient Flow Children 6 to 19 Years of Age

			<u>Number</u>	<u>Percentage</u>
Managed on Site (non-HCF)			26	50.98
Female	12	46.15%		
Male	14	53.85%		
In/enroute to HCF			16	31.37
Treated/evaluated and released			12	23.53
Female	8	66.67%		
Male	4	33.33%		
Admitted to noncritical care unit			1	1.96
Female	1	100.00%		
Admitted to psychiatric facility			2	3.92
Male	2	100.00%		
Patient lost to follow-up/left AMA			1	1.96
Female	1	100.00%		
Referred to HCF			9	17.65
Treated/evaluated and released			6	11.76
Female	4	66.67%		
Male	2	33.33%		
Admitted to psychiatric facility			1	1.96
Female	1	100.00%		
Patient lost to follow-up/left AMA			1	1.96
Female	1	100.00%		
Patient REFUSED referral/NO SHOW			1	1.96
Female	1	100.00%		
			51	100 %

Patient Flow Adults 20 Years and Older

			<u>Number</u>	<u>Percentage</u>
Managed on Site (non-HCF)			<u>44</u>	<u>35.20</u>
Female	30	68.18%		
Male	13	29.55%		
Pregnant	1	2.27%		
In/enroute to HCF			<u>70</u>	<u>56.00</u>
Treated/evaluated and released			<u>33</u>	<u>26.40</u>
Female	16	48.48%		
Male	17	51.52%		
Admitted to critical care unit			<u>13</u>	<u>10.40</u>
Female	8	61.54%		
Male	5	38.46%		
Admitted to noncritical care unit			<u>8</u>	<u>6.40</u>
Female	4	50.00%		
Male	4	50.00%		
Admitted to psychiatric facility			<u>15</u>	<u>12.00</u>
Female	13	86.67%		
Male	2	13.33%		
Patient lost to follow-up/left AMA			<u>1</u>	<u>0.80</u>
Male	1	100.00%		
Referred to HCF			<u>9</u>	<u>7.20</u>
Treated/evaluated and released			<u>3</u>	<u>2.40</u>
Female	2	66.67%		
Male	1	33.33%		
Admitted to critical care unit			<u>2</u>	<u>1.60</u>
Male	2	100.00%		
Admitted to psychiatric facility			<u>3</u>	<u>2.40</u>
Female	2	66.67%		
Male	1	33.33%		
Patient REFUSED referral/NO SHOW			<u>1</u>	<u>0.80</u>
Male	1	100.00%		
Other *(code)			<u>2</u>	<u>1.60</u>
Female	1	50.00%		
Male	1	50.00%		
			<u>125</u>	<u>100 %</u>

Reason for Exposure

Unintentional	79.20%	278
Unintentional/General	55.56%	195
Unintentional/Environmental	0.28%	1
Unintentional/Occupational	4.56%	16
Unintentional/Therapeutic Error	12.54%	44
Unintentional/Misuse	5.13%	18
Unintentional/Bite or Sting	1.14%	4
Intentional	18.52%	65
Intentional/Suspected Suicide	16.24%	57
Intentional/Misuse	0.28%	1
Intentional/Abuse	1.99%	7
Other	2.28%	8
Adverse Reaction/Drug	1.71%	6
Adverse Reaction/Other	0.28%	1
Unknown Reason	0.28%	1
Grand Total:		351

Reason for Exposure by Age Category

Children 5 years and under	49.86%	175
Unintentional	49.57%	174
Unintentional/General	45.87%	161
Unintentional/Therapeutic Error	3.42%	12
Unintentional/Misuse	0.28%	1
Other Reason	0.28%	1
Adverse Reaction/Other	0.28%	1
Children 6 to 19 years	14.53%	51
Unintentional	9.97%	35
Unintentional/General	4.56%	16
Unintentional/Environmental	0.28%	1
Unintentional/Occupational	1.14%	4
Unintentional/Therapeutic Error	3.42%	12
Unintentional/Misuse	0.57%	2
Intentional	4.27%	15
Intentional/Suspected Suicide	3.70%	13
Intentional/Abuse	0.57%	2
Other Reason	0.28%	1
Adverse Reaction/Drug	0.28%	1
Adults 20 years or older	35.61%	125
Unintentional	19.66%	69
Unintentional/General	5.13%	18
Unintentional/Occupational	3.42%	12
Unintentional/Therapeutic Error	5.70%	20
Unintentional/Misuse	4.27%	15
Unintentional/Bite or Sting	1.14%	4
Intentional	14.25%	50
Intentional/Suspected Suicide	12.54%	44
Intentional/Misuse	0.28%	1
Intentional/Abuse	1.42%	5
Other Reason	1.71%	6
Adverse Reaction/Drug	1.42%	5
Unknown Reason	0.28%	1
Grand Total:		351

Management Site Including Outcomes - All Human Exposures

		<u>Number</u>	<u>Percentage</u>	<u>% of Group</u>
Managed on site/non-HCF		230	65.53%	
4.35%	No effect	10	2.85%	4.35%
2.17%	Minor effect	5	1.42%	2.17%
36.52%	Judged as nontoxic - expect no effect	84	23.93%	36.52%
56.09%	Minimal clinical effects possible	129	36.75%	56.09%
0.87%	Unrelated - probably not responsible	2	0.57%	0.87%
Managed in HCF		117	33.33%	
Treated/evaluated and released		<u>18.52%</u>	<u>65</u>	<u>55.56%</u>
15.38%	No effect	10	2.85%	8.55%
49.23%	Minor effect	32	9.12%	27.35%
13.85%	Moderate effect	9	2.56%	7.69%
1.54%	Judged as nontoxic - expect no effect	1	0.28%	0.85%
18.46%	Minimal clinical effects possible	12	3.42%	10.26%
1.54%	Unable to follow - potentially toxic exposure	1	0.28%	0.85%
Admitted to critical care unit		<u>4.27%</u>	<u>15</u>	<u>12.82%</u>
13.33%	Minor effect	2	0.57%	1.71%
66.67%	Moderate effect	10	2.85%	8.55%
20.00%	Major effect	3	0.85%	2.56%
Admitted to noncritical care unit		<u>3.70%</u>	<u>13</u>	<u>11.11%</u>
30.77%	No effect	4	1.14%	3.42%
38.46%	Minor effect	5	1.42%	4.27%
30.77%	Moderate effect	4	1.14%	3.42%
Admitted to psychiatric facility		<u>5.98%</u>	<u>21</u>	<u>17.95%</u>
14.29%	No effect	3	0.85%	2.56%
66.67%	Minor effect	14	3.99%	11.97%
9.52%	Moderate effect	2	0.57%	1.71%
4.76%	Minimal clinical effects possible	1	0.28%	0.85%
4.76%	Unrelated - probably not responsible	1	0.28%	0.85%
Patient lost to follow-up/left AMA		<u>0.85%</u>	<u>3</u>	<u>2.56%</u>
33.33%	Unable to follow - potentially toxic exposure	1	0.28%	0.85%
66.67%	Unrelated - probably not responsible	2	0.57%	1.71%
Other		2	0.57%	
100.00%	Minimal clinical effects possible	2	0.57%	100.00%
Refused Referral		2	0.57%	
50.00%	Minimal clinical effects possible	1	0.28%	50.00%
50.00%	Unable to follow - potentially toxic exposure	1	0.28%	50.00%
		<u>351</u>	<u>100 %</u>	

Management Site by Referral Pattern by Outcome - Human Exposures

	<u>Number</u>	<u>%Report</u>	<u>Percent Group</u>
Treated/evaluated and released	<u>65</u>	<u>54.6%</u>	
In/enroute to HCF	53	44.5%	81.5%
No effect	7	5.9%	13.2%
Minor effect	25	21.0%	47.2%
Moderate effect	9	7.6%	17.0%
Judged as nontoxic - expect no effect	1	0.8%	1.9%
Minimal clinical effects possible	10	8.4%	18.9%
Unable to follow - potentially toxic exposure	1	0.8%	1.9%
Referred to HCF	12	10.1%	18.5%
No effect	3	2.5%	25.0%
Minor effect	7	5.9%	58.3%
Minimal clinical effects possible	2	1.7%	16.7%
Admitted to critical care unit	<u>15</u>	<u>12.6%</u>	
In/enroute to HCF	13	10.9%	86.7%
Minor effect	2	1.7%	15.4%
Moderate effect	8	6.7%	61.5%
Major effect	3	2.5%	23.1%
Referred to HCF	2	1.7%	13.3%
Moderate effect	2	1.7%	100.0%
Admitted to noncritical care unit	<u>13</u>	<u>10.9%</u>	
In/enroute to HCF	11	9.2%	84.6%
No effect	2	1.7%	18.2%
Minor effect	5	4.2%	45.5%
Moderate effect	4	3.4%	36.4%
Referred to HCF	2	1.7%	15.4%
No effect	2	1.7%	100.0%
Admitted to psychiatric facility	<u>21</u>	<u>17.6%</u>	
In/enroute to HCF	17	14.3%	81.0%
No effect	3	2.5%	17.6%
Minor effect	10	8.4%	58.8%
Moderate effect	2	1.7%	11.8%
Minimal clinical effects possible	1	0.8%	5.9%
Unrelated - probably not responsible	1	0.8%	5.9%
Referred to HCF	4	3.4%	19.0%

Minor effect	4	3.4%	100.0%
Patient lost to follow-up/left AMA	<u>3</u>	<u>2.5%</u>	
In/enroute to HCF	2	1.7%	66.7%
Unable to follow - potentially toxic exposure	1	0.8%	50.0%
Unrelated - probably not responsible	1	0.8%	50.0%
Referred to HCF	1	0.8%	33.3%
Unrelated - probably not responsible	1	0.8%	100.0%
Patient REFUSED referral/NO SHOW	<u>2</u>	<u>1.7%</u>	
Referred to HCF	2	1.7%	100.0%
Minimal clinical effects possible	1	0.8%	50.0%
Unable to follow - potentially toxic exposure	1	0.8%	50.0%
	<u>119</u>	<u>100 %</u>	

Visual Dotlab/WBM Software

Medical Outcomes

	<u>Number</u>	<u>Percentag</u>
No Effect	27	7.69 %
Minor Effect	58	16.52 %
Moderate Effect	25	7.12 %
Major Effect	3	0.85 %
Not Followed, Judged as Nontoxic Exposure	85	24.22 %
Not Followed - Minimal Clinical Effects Possible	145	41.31 %
Unable to Follow - Potentially Toxic Exposure	3	0.85 %
Unrelated Effect	5	1.42 %
Total:	<u>351</u>	<u>100 %</u>

Visual Dotlab/WBM Software

Medical Outcome by Age Group - Verified Human Exposures

	<u>Number</u>	<u>Percentage</u>	<u>Group %</u>
Children 5 years and under	<u>175</u>	<u>49.86%</u>	
No Effect	15	4.274%	8.57%
Minor Effect	7	1.994%	4.00%
Moderate Effect	1	0.285%	0.57%
Not Followed, Judged as Nontoxic Exposure	67	19.088%	38.29%
Not Followed - Minimal Clinical Effects Possible	85	24.217%	48.57%
Children 6 to 19 years	<u>51</u>	<u>14.53%</u>	
No Effect	5	1.425%	9.80%
Minor Effect	19	5.413%	37.25%
Moderate Effect	1	0.285%	1.96%
Not Followed, Judged as Nontoxic Exposure	8	2.279%	15.69%
Not Followed - Minimal Clinical Effects Possible	15	4.274%	29.41%
Unable to Follow - Potentially Toxic Exposure	1	0.285%	1.96%
Unrelated Effect	2	0.570%	3.92%
Adult 20 years or more	<u>125</u>	<u>35.61%</u>	
No Effect	7	1.994%	5.60%
Minor Effect	32	9.117%	25.60%
Moderate Effect	23	6.553%	18.40%
Major Effect	3	0.855%	2.40%
Not Followed, Judged as Nontoxic Exposure	10	2.849%	8.00%
Not Followed - Minimal Clinical Effects Possible	45	12.821%	36.00%
Unable to Follow - Potentially Toxic Exposure	2	0.570%	1.60%
Unrelated Effect	3	0.855%	2.40%
Total:	<u>351</u>	<u>100 %</u>	

Incidence by Generic Substance(s) in Children 5 and Under Top 10 Generic Categories & Top 10 Generic Substance(s) Drug Related

Drug Related Substances

Drug Related Substances				
ANALGESICS			18	22.0%
9.76%	8	IBUPROFEN		
4.88%	4	ACETAMINOPHEN: PEDIATRIC FORMULATION		
2.44%	2	ACETAMINOPHEN: ADULT FORMULATION		
2.44%	2	CODEINE		
2.44%	2	OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)		
TOPICAL PREPARATIONS			13	15.9%
9.76%	8	DIAPER CARE/RASH PRODUCT		
1.22%	1	CAMPHOR		
1.22%	1	METHYL SALICYLATE		
1.22%	1	OTHER TOPICAL ANTISEPTIC		
1.22%	1	TOPICAL STEROID		
1.22%	1	WART PREPARATIONS AND OTHER KERATOLYTICS		
COLD AND COUGH PREPARATIONS			12	14.6%
4.88%	4	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
3.66%	3	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
3.66%	3	OTHER DEXTROMETHORPHAN PREPARATION		
2.44%	2	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
VITAMINS			10	12.2%
6.10%	5	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
2.44%	2	MULTI VITAMIN-TABLET: ADULT WITH IRON (NO FLUORIDE)		
2.44%	2	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
1.22%	1	MULTI VITAMIN-TABLET: CHILD WITH FLUORIDE (NO IRON)		
ANTIMICROBIALS			6	7.3%
6.10%	5	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
1.22%	1	ANTIVIRAL: SYSTEMIC (PO, IV, IM) PREPARATION		
GASTROINTESTINAL PREPARATIONS			4	4.9%
2.44%	2	ANTACID: OTHER		
1.22%	1	ANTACID: SALICYLATE-CONTAINING		
1.22%	1	LAXATIVE		
ELECTROLYTES AND MINERALS			3	3.7%
1.22%	1	IRON (EXCLUDING VITAMINS WITH IRON)		
1.22%	1	MAGNESIUM		
1.22%	1	MULTI-MINERAL DIETARY SUPPLEMENT		
ANTICONSULSANTS			2	2.4%
1.22%	1	CARBAMAZEPINE		
1.22%	1	OTHER ANTICONSULSANT (EXCLUDING BARBITURATE)		
ANTIDEPRESSANTS			2	2.4%

Drug Related Substances

1.22% 1 AMITRIPTYLINE
1.22% 1 OTHER ANTIDEPRESSANT

HORMONES AND HORMONE ANTAGONISTS

2

2.4%

1.22% 1 CORTICOSTEROID
1.22% 1 PROGESTIN

OTHERS

10

12.2%

2.44% 2 BENZODIAZEPINE
2.44% 2 AMPHETAMINE AND RELATED COMPOUND
1.22% 1 DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)
1.22% 1 LEUKOTRIENE ANTAGONIST/INHIBITOR
1.22% 1 CALCIUM ANTAGONIST
1.22% 1 OPHTHALMIC PREP: OTHER
1.22% 1 UNKNOWN DRUG
1.22% 1 VETERINARY DRUG WITHOUT HUMAN EQUIVALENT

82

Grand Total

**Incidence by Generic Substance(s) in Children 5 and Under
Top 10 Generic Categories & Top 10 Generic Substance(s)
Non-Drug Related**

Non-Drug Related Substances

COSMETICS/PERSONAL CARE PRODUCTS		27	28.1%
5.21%	5 CREAM/LOTION/MAKE-UP		
5.21%	5 DEODORANT		
4.17%	4 TOOTHPASTE WITH FLUORIDE		
3.13%	3 SOAP (BAR, HAND OR COMPLEXION)		
2.08%	2 MOUTHWASH: FLUORIDE CONTAINING		
1.04%	1 DENTURE CLEANER		
1.04%	1 HAIR RELAXER: SODIUM HYDROXIDE		
1.04%	1 HAIR RINSE/CONDITIONER/RELAXER		
1.04%	1 MOUTHWASH: ETHANOL-CONTAINING		
1.04%	1 NAIL POLISH		
3.13%	3 OTHERS AGENTS		
CLEANING SUBSTANCES (HOUSEHOLD)		11	11.5%
2.08%	2 BLEACH: HYPOCHLORITE (LIQUID & DRY)		
1.04%	1 AUTOMATIC DISHWASHER DETERGENT: OTHER/UNKNOWN		
1.04%	1 AUTOMATIC DISHWASHER DETERGENT: TABLET		
1.04%	1 GLASS CLEANER: AMMONIA-CONTAINING		
1.04%	1 GLASS CLEANER: ISOPROPANOL		
1.04%	1 HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC		
1.04%	1 LAUNDRY DETERGENT: LIQUID		
1.04%	1 MISC. CLEANING AGENT: ALKALI		
1.04%	1 MISC. HOUSEHOLD CLEANING AGENT: OTHER/UNKNOWN		
1.04%	1 OVEN CLEANER: ACID		
PESTICIDES		11	11.5%
5.21%	5 INSECT REPELLENT WITH DEET		
2.08%	2 LONG-ACTING ANTICOAGULANT RODENTICIDE		
1.04%	1 BIRD, DOG, DEER OR OTHER MAMMAL REPELLENT		
1.04%	1 INSECT REPELLENT WITHOUT DEET		
1.04%	1 PARADICHLOROBENZENE MOTH REPELLENT		
1.04%	1 UNKNOWN INSECTICIDE		
PLANTS		11	11.5%
4.17%	4 PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)		
3.13%	3 PLANT: NON-TOXIC		
1.04%	1 PLANT: DERMATITIS (NON-OXALATE)		
1.04%	1 PLANT: OTHER TOXIC		
1.04%	1 PLANT: OXALATE		
1.04%	1 PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC		
FOREIGN BODIES/TOYS/MISCELLANEOUS		10	10.4%
4.17%	4 OTHER FOREIGN BODY		
2.08%	2 BUBBLE BLOWING SOLUTION		
2.08%	2 DESICCANT		

Non-Drug Related Substances

1.04%	1	SOIL		
1.04%	1	TOY		
ARTS/CRAFTS/OFFICE SUPPLIES			6	6.3%
4.17%	4	PEN/INK		
1.04%	1	OTHER ARTS/CRAFTS/WRITING PRODUCT		
1.04%	1	PENCIL		
ALCOHOLS			3	3.1%
1.04%	1	OTHER TYPE OF ALCOHOL		
1.04%	1	RUBBING ALCOHOL: ISOPROPANOL-WITH METHYL SALICYLATE		
1.04%	1	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
SWIMMING POOL/AQUARIUM			3	3.1%
1.04%	1	AQUARIUM PRODUCT: MISCELLANEOUS		
1.04%	1	CHLORINE WATER/SHOCK TREATMENT		
1.04%	1	OTHER TYPE OF SWIMMING POOL OR AQUARIUM PRODUCT		
HYDROCARBONS			2	2.1%
1.04%	1	LIGHTER FLUID/NAPHTHA		
1.04%	1	LUBRICATING OIL/MOTOR OIL		
MUSHROOMS			2	2.1%
2.08%	2	UNKNOWN MUSHROOM		
OTHERS			10	10.4%
1.04%	1	NON-TOXIC (WHITE GLUE, PAPER GLUES)		
1.04%	1	AUTOMOTIVE PRODUCT: METHANOL (DRY GAS, WINDSHIELD WASHING SOLUTION)		
1.04%	1	BORATE/BORIC ACID (EXCLUDING TOPICALS AND INSECTICIDES)		
1.04%	1	AIR FRESHENER: LIQUID		
1.04%	1	CAPSICUM/PEPPERS (FOODS)		
1.04%	1	OTHER NON-DRUG SUBSTANCE		
1.04%	1	PAINT: WATER BASE (ACRYLIC, LATEX)		
1.04%	1	FURNITURE POLISH		
1.04%	1	MISC. POLISHES AND WAXES (EXCLUDING MINERAL SEAL OIL)		
1.04%	1	CIGARETTE		
	96	Grand Total		

**Incidence by Generic Substance(s) in Children 6 to 19 Years
Top 10 Generic Categories & Top 10 Generic Substance(s)
Drug-Related**

Drug Related Substances

ANALGESICS			9	23.1%
10.26%	4	IBUPROFEN		
5.13%	2	NAPROXEN		
2.56%	1	ACETAMINOPHEN WITH OTHER OPIOID		
2.56%	1	ACETAMINOPHEN: ADULT FORMULATION		
2.56%	1	ACETAMINOPHEN: PEDIATRIC FORMULATION		
COLD AND COUGH PREPARATIONS			5	12.8%
5.13%	2	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
2.56%	1	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
2.56%	1	EXPECT/ANTITUSSIVE WITHOUT OPIOID		
2.56%	1	OTHER DEXTROMETHORPHAN PREPARATION		
MISCELLANEOUS DRUGS			5	12.8%
12.82%	5	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
ANTIHISTAMINES			4	10.3%
5.13%	2	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
5.13%	2	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
ANTIMICROBIALS			3	7.7%
7.69%	3	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
ANTIDEPRESSANTS			2	5.1%
2.56%	1	SSRI		
2.56%	1	TRAZODONE		
MUSCLE RELAXANTS			2	5.1%
2.56%	1	CYCLOBENZAPRINE		
2.56%	1	OTHER (SKELETAL) MUSCLE RELAXANT		
STIMULANTS AND STREET DRUGS			2	5.1%
2.56%	1	AMPHETAMINE AND RELATED COMPOUND		
2.56%	1	METHYLPHENIDATE		
TOPICAL PREPARATIONS			2	5.1%
2.56%	1	CAMPHOR		
2.56%	1	WART PREPARATIONS AND OTHER KERATOLYTICS		
ANTICONVULSANTS			1	2.6%
2.56%	1	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
OTHERS			4	10.3%
2.56%	1	ALBUTEROL		
2.56%	1	CLONIDINE		
2.56%	1	CONTACT LENS PRODUCT		
2.56%	1	ATYPICAL ANTIPSYCHOTIC		

**Incidence by Generic Substance(s) in Children 6 to 19 Years
Top 10 Generic Categories & Top 10 Generic Substance(s)
Non-Drug Related**

Non-Drug Related Substances

ARTS/CRAFTS/OFFICE SUPPLIES			3	15.8%
5.26%	1	ARTIST PAINT, NON-WATER COLOR		
5.26%	1	CRAYON		
5.26%	1	PEN/INK		
PLANTS			3	15.8%
10.53%	2	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC		
5.26%	1	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)		
CLEANING SUBSTANCES (HOUSEHOLD)			2	10.5%
5.26%	1	DISINFECTANT: PHENOL (EG, LYSOL)		
5.26%	1	MISC. CLEANING AGENT: ISOPROPANOL (EXCLUDING AUTOMOTIVE PRODUCT, GLAS		
INDUSTRIAL CLEANERS			2	10.5%
5.26%	1	INDUSTRIAL CLEANER: ALKALI		
5.26%	1	INDUSTRIAL CLEANER: ANIONIC/NONIONIC		
PESTICIDES			2	10.5%
5.26%	1	OTHER INSECTICIDE		
5.26%	1	PYRETHRIN		
ADHESIVES/GLUES			1	5.3%
5.26%	1	CYANOACRYLATE		
ALCOHOLS			1	5.3%
5.26%	1	ETHANOL (BEVERAGE)		
AUTOMOTIVE/AIRCRAFT/BOAT PRODUCTS			1	5.3%
5.26%	1	AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL		
COSMETICS/PERSONAL CARE PRODUCTS			1	5.3%
5.26%	1	POWDER MADE OF MATERIAL OTHER THAN TALC		
FIRE EXTINGUISHERS			1	5.3%
5.26%	1	FIRE EXTINGUISHER		
OTHERS			2	10.5%
5.26%	1	OTHER FOREIGN BODY		
5.26%	1	OTHER NON-DRUG SUBSTANCE		
	19	Grand Total		

**Incidence by Generic Substance(s) in Adults 20 Years and Older
Top 10 Generic Categories & Top 10 Generic Substance(s)
Drug-Related**

Drug Related Substances

SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS			29	20.6%
11.35%	16	BENZODIAZEPINE		
4.96%	7	ATYPICAL ANTIPSYCHOTIC		
2.84%	4	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.71%	1	BUSPIRONE		
0.71%	1	PHENOTHIAZINE		
ANALGESICS			24	17.0%
3.55%	5	IBUPROFEN		
2.84%	4	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
2.13%	3	OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)		
1.42%	2	ACETAMINOPHEN WITH HYDROCODONE		
1.42%	2	ACETAMINOPHEN WITH OTHER OPIOID		
1.42%	2	NAPROXEN		
0.71%	1	ACETAMINOPHEN WITH OXYCODONE		
0.71%	1	ACETAMINOPHEN WITH PROPOXYPHENE		
0.71%	1	APAP/ASA: WITH OTHER INGREDIENT		
0.71%	1	ASPIRIN WITH CODEINE		
1.42%	2	OTHERS AGENTS		
ANTIDEPRESSANTS			24	17.0%
8.51%	12	SSRI		
3.55%	5	OTHER ANTIDEPRESSANT		
1.42%	2	LITHIUM		
1.42%	2	TRAZODONE		
0.71%	1	AMITRIPTYLINE		
0.71%	1	DESIPRAMINE		
0.71%	1	NORTRIPTYLINE		
MUSCLE RELAXANTS			10	7.1%
4.96%	7	CYCLOBENZAPRINE		
1.42%	2	CARISOPRODOL (FORMULATED ALONE)		
0.71%	1	OTHER (SKELETAL) MUSCLE RELAXANT		
ANTICONVULSANTS			7	5.0%
2.13%	3	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
2.13%	3	VALPROIC ACID		
0.71%	1	PRIMIDONE		
HORMONES AND HORMONE ANTAGONISTS			7	5.0%
1.42%	2	INSULIN		
1.42%	2	ORAL HYPOGLYCEMIC: BIGUANIDE		
0.71%	1	ORAL HYPOGLYCEMIC: SULFONYLUREA		
0.71%	1	OTHER HORMONE ANTAGONIST		
0.71%	1	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		

Drug Related Substances

STIMULANTS AND STREET DRUGS			7	5.0%
1.42%	2	AMPHETAMINE AND RELATED COMPOUND		
1.42%	2	COCAINE		
1.42%	2	HEROIN		
0.71%	1	MARIJUANA		
CARDIOVASCULAR DRUGS			6	4.3%
2.13%	3	BETA BLOCKER (INCLUDE PROPRANOLOL)		
0.71%	1	ACE INHIBITOR		
0.71%	1	CALCIUM ANTAGONIST		
0.71%	1	CARDIAC GLYCOSIDE		
TOPICAL PREPARATIONS			5	3.5%
2.13%	3	HYDROGEN PEROXIDE-3%		
0.71%	1	CAMPBOR		
0.71%	1	DIAPER CARE/RASH PRODUCT		
ANTIMICROBIALS			3	2.1%
1.42%	2	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
0.71%	1	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
OTHERS			19	13.5%
1.42%	2	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
1.42%	2	ANTISPASMODIC: ANTICHOLINERGIC		
1.42%	2	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
0.71%	1	OTHER ANTIPLATELET		
0.71%	1	WARFARIN (EXCLUDING RODENTICIDES)		
0.71%	1	ANTINEOPLASTIC DRUG-MISCELLANEOUS		
0.71%	1	LEUKOTRIENE ANTAGONIST/INHIBITOR		
0.71%	1	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
0.71%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
0.71%	1	OTHER PPA PREPARATION (EXCLUDING STREET DRUG, DIET AID)		
4.26%	6	OTHERS AGENTS		
	141	Grand Total		

**Incidence by Generic Substance(s) in Adults 20 Years and Older
Top 10 Generic Categories & Top 10 Generic Substance(s)
Non-Drug Related**

Non-Drug Related Substances

Category			Count	Percentage
ALCOHOLS			12	25.5%
14.89%	7	ETHANOL (BEVERAGE)		
6.38%	3	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
4.26%	2	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
CHEMICALS			6	12.8%
4.26%	2	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)		
4.26%	2	OTHER ACID		
2.13%	1	NITRATE AND NITRITE (EXCLUDING MEDICATION & SUBSTANCE OF ABUSE)		
2.13%	1	OTHER CHEMICAL		
CLEANING SUBSTANCES (HOUSEHOLD)			5	10.6%
2.13%	1	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
2.13%	1	DISINFECTANT: HYPOCHLORITE, NON-BLEACH PRODUCT		
2.13%	1	DISINFECTANT: OTHER/UNKNOWN		
2.13%	1	DISINFECTANT: PINE OIL		
2.13%	1	LAUNDRY DETERGENT: LIQUID		
BITES AND ENVENOMATIONS			4	8.5%
2.13%	1	BEE/WASP/HORNET BITE/ENVENOMATION		
2.13%	1	NON-POISONOUS SNAKE BITE		
2.13%	1	OTHER INSECT BITE/ENVENOMATION		
2.13%	1	UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION		
COSMETICS/PERSONAL CARE PRODUCTS			4	8.5%
4.26%	2	SOAP (BAR, HAND OR COMPLEXION)		
2.13%	1	MOUTHWASH: ETHANOL-CONTAINING		
2.13%	1	NAIL POLISH REMOVER: ACETONE		
ARTS/CRAFTS/OFFICE SUPPLIES			3	6.4%
4.26%	2	ARTIST PAINT, NON-WATER COLOR		
2.13%	1	PEN/INK		
HYDROCARBONS			3	6.4%
4.26%	2	LUBRICATING OIL/MOTOR OIL		
2.13%	1	LIGHTER FLUID/NAPHTHA		
PESTICIDES			2	4.3%
2.13%	1	PYRETHRIN		
2.13%	1	UNKNOWN INSECTICIDE		
ADHESIVES/GLUES			1	2.1%
2.13%	1	CYANOACRYLATE		
AUTOMOTIVE/AIRCRAFT/BOAT PRODUCTS			1	2.1%
2.13%	1	AUTOMOTIVE PRODUCT: METHANOL (DRY GAS, WINDSHIELD WASHING SOLUTION)		
OTHERS			6	12.8%

Non-Drug Related Substances

2.13%	1	HOUSEHOLD PLANT FOOD (GENERALLY FOR INDOOR PLANTS)
2.13%	1	CAPSICUM/PEPPERS (FOODS)
2.13%	1	CHLORINE GAS
2.13%	1	INDUSTRIAL CLEANER: DISINFECTANT
2.13%	1	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG
2.13%	1	OTHER TYPE OF SWIMMING POOL OR AQUARIUM PRODUCT

47 Grand Total

Routes of Exposure - Human Exposures

	Number	Percentage
Bite or sting	4	1.08
Dermal exposure	21	5.68
Ingestion	307	82.97
Inhalational	9	2.43
Ocular exposure	24	6.49
Parenteral exposure	4	1.08
Unknown route of exposure	1	0.27
GRAND TOTAL:	<u>370</u>	<u>100%</u>

**Individual exposures may involve more than one route of exposure*

Treatments Performed

DECONTAMINATION				303	78.70 %
Cathartic				16	4.16%
PERFORMED - PCC RECOMMENDED	14	3.64	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.52	%		
Dilute/Irrigate/Wash				217	56.36%
PERFORMED - PCC RECOMMENDED	198	51.43	%		
PERFORMED - NOT RECOMMENDED (+NEED)	19	4.94	%		
Food/Snack				13	3.38%
PERFORMED - PCC RECOMMENDED	9	2.34	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	1.04	%		
Fresh air				4	1.04%
PERFORMED - PCC RECOMMENDED	4	1.04	%		
Lavage				6	1.56%
PERFORMED - PCC RECOMMENDED	2	0.52	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	1.04	%		
Single Dose Activated Charcoal				46	11.95%
PERFORMED - PCC RECOMMENDED	42	10.91	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	1.04	%		
Whole bowel irrigation				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
ANTIDOTAL				12	3.12 %
Fab Fragments				1	0.26%
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.26	%		
Folate				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
Fomepizole/Antizol				2	0.52%
PERFORMED - PCC RECOMMENDED	2	0.52	%		
IV NAC				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
PO NAC				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
Narcan				5	1.30%
PERFORMED - PCC RECOMMENDED	3	0.78	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.52	%		
Vitamin K				1	0.26%
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.26	%		
INTENSIVE CARE				7	1.82 %
Dialysis				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
Intubation				4	1.04%
PERFORMED - PCC RECOMMENDED	2	0.52	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.52	%		
Ventilator				2	0.52%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.26	%		

GENERAL TREATMENT	63	16.36 %
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Alkalinization				3	0.78%
PERFORMED - PCC RECOMMENDED	3	0.78	%		
Antibiotics				3	0.78%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.52	%		
Antiemetics				5	1.30%
PERFORMED - PCC RECOMMENDED	4	1.04	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.26	%		
Antihistamine				2	0.52%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.26	%		
Benzodiazepines				9	2.34%
PERFORMED - PCC RECOMMENDED	5	1.30	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	1.04	%		
Bronchodilators				2	0.52%
PERFORMED - PCC RECOMMENDED	2	0.52	%		
IV Fluids				15	3.90%
PERFORMED - PCC RECOMMENDED	12	3.12	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.78	%		
Glucose > 5%				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
Neuromuscular Blocker				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
Octreotide				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
Other Other Therapy				12	3.12%
PERFORMED - PCC RECOMMENDED	6	1.56	%		
PERFORMED - NOT RECOMMENDED (+NEED)	6	1.56	%		
Oxygen				4	1.04%
PERFORMED - PCC RECOMMENDED	2	0.52	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.52	%		
Sedation (Other)				3	0.78%
PERFORMED - PCC RECOMMENDED	2	0.52	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.26	%		
Steroids				1	0.26%
PERFORMED - PCC RECOMMENDED	1	0.26	%		
Vasopressors				1	0.26%
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.26	%		

Grand Total: **385**

Note: Data reflects the total number of treatments and NOT the total number of patients receiving treatments.