

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).

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Counties Included in Report

Maryland-MD

County	County#/FIP
HARFORD	24025

Maryland-MD

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Total Counties:

1

Calls by Call Type

Exposures	2,379	%	61.09
Human Exposures	2,262	%	58.09
Confirmed Exposure	2,259	%	58.01
Confirmed Nonexposure	3	%	0.08
Animal Exposures	117	%	3.00
Confirmed Exposure	117	%	3.00
Information Calls	1,515	%	38.91
Drug Information	434	%	11.15
3.00%	13		Adverse effects (no known exposure)
0.23%	1		Compounding
0.23%	1		Contraindications
0.23%	1		Dietary supplement, herbal, and homeopathic
5.30%	23		Dosage
1.15%	5		Dosage form/formulation
0.23%	1		Drug use during breast-feeding
14.52%	63		Drug-drug interactions
0.69%	3		Drug-food interactions
0.46%	2		Foreign drug
0.23%	1		Generic substitution
9.68%	42		Indications/therapeutic use
0.46%	2		Medication administration
0.23%	1		Medication availability
2.53%	11		Pharmacokinetics
1.84%	8		Pharmacology
0.23%	1		Regulatory
1.15%	5		Stability/storage
0.46%	2		Therapeutic drug monitoring
57.14%	248		Other
Drug ID	735	%	18.88
41.63%	306		Public - Drug sometimes involved in abuse
24.76%	182		Public - Drug not known to be abused
4.90%	36		Public - Unknown abuse potential
5.85%	43		Public - Unable to identify
2.31%	17		Health Prof - Drug sometimes involved in abuse
6.53%	48		Health Prof - Drug not known to be abused
0.27%	2		Health Prof - Unknown abuse potential
1.36%	10		Health Prof - Unable to identify
2.04%	15		Law Enfrcmnt - Drug sometimes involved in abuse
1.36%	10		Law Enfrcmnt - Drug not known to be abused
0.41%	3		Law Enfrcmnt - Unable to identify
8.57%	63		Other
Environmental Info	7	%	0.18
14.29%	1		Chem/bioterrorism/weapons (suspected or confirmed)
42.86%	3		Mercury thermometer cleanup
14.29%	1		Pesticide application by a professional pest control operator
14.29%	1		Potential toxicity of chemicals in the environment
14.29%	1		Safe disposal of chemicals
Medical Information	10	%	0.26
40.00%	4		Diagnostic or treatment recommendations for diseases or conditions - non-toxicology
60.00%	6		Other
Occupational Info	1	%	0.03

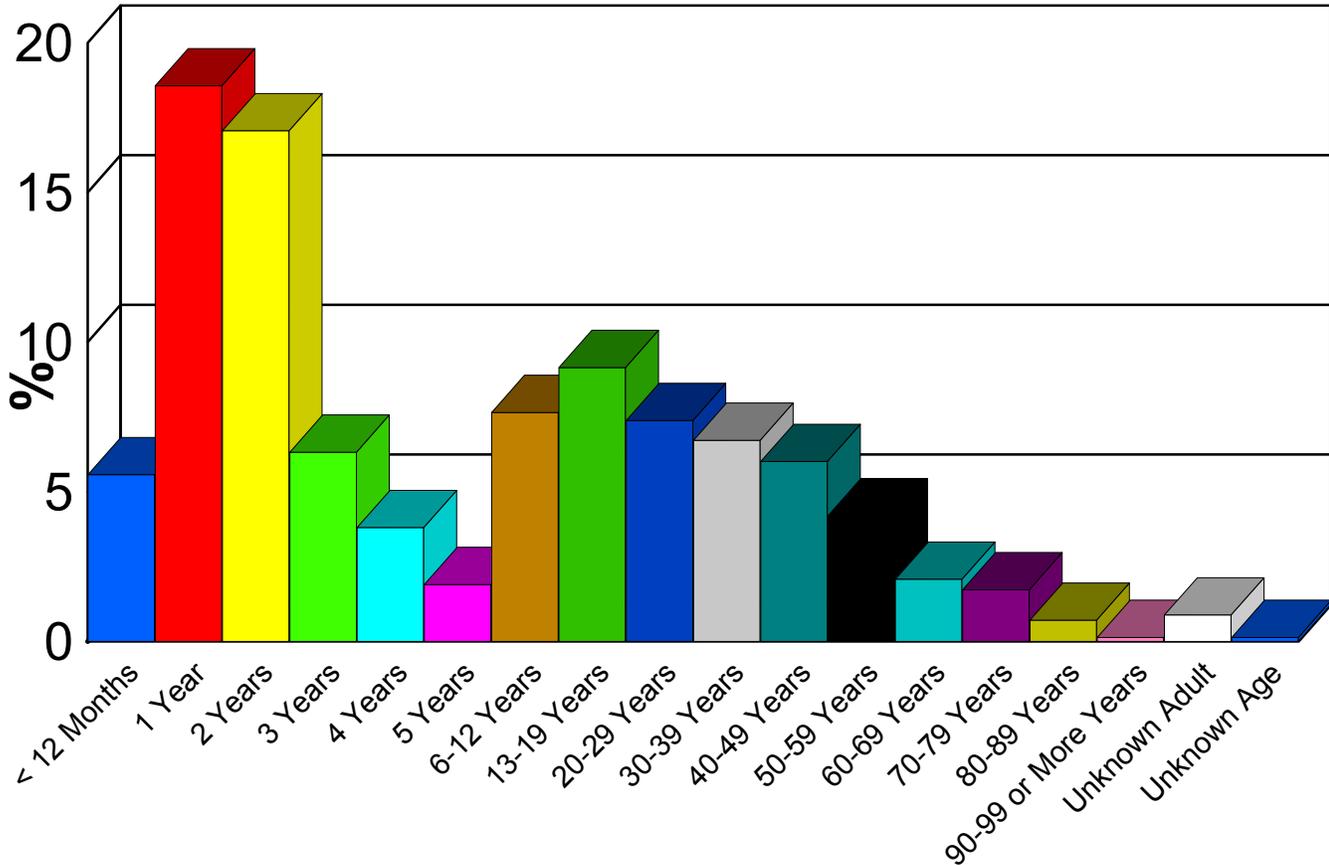
100.00%	1	Information on chemicals in the workplace		
Poison Information	307		%	7.88
0.33%	1	Carcinogenicity		
0.98%	3	Food poisoning - no known patient(s)		
6.51%	20	Food preparation/handling practices		
36.16%	111	General toxicity		
5.86%	18	Plant toxicity		
4.89%	15	Safe use of household products		
0.65%	2	Toxicology information for legal use/litigation		
44.63%	137	Other		
Prevention/Safety	16		%	0.41
25.00%	4	Confirmation of poison center number		
62.50%	10	Poison prevention material requests		
6.25%	1	Public education presentation requests		
6.25%	1	Other		
Other Information	1		%	0.03
100.00%	1	Other		
Substance Abuse	1		%	0.03
100.00%	1	Effects of illicit substances - no known patient(s)		
Caller Referral	3		%	0.08
66.67%	2	Immediate referral - private physician		
33.33%	1	Other		
Grand Total:	3,894		%	100.00

Patient Age & Sex Distribution by Age Groupings

< 12 Months	126	5.570%
Male	67	53.17%
Female	59	46.83%
1 Year	420	18.568%
Male	191	45.48%
Female	229	54.52%
2 Years	386	17.065%
Male	212	54.92%
Female	174	45.08%
3 Years	143	6.322%
Male	67	46.85%
Female	76	53.15%
4 Years	86	3.802%
Male	48	55.81%
Female	38	44.19%
5 Years	43	1.901%
Male	20	46.51%
Female	23	53.49%
6-12 Years	173	7.648%
Male	97	56.07%
Female	76	43.93%
13-19 Years	207	9.151%
Male	91	43.96%
Female	116	56.04%
20-29 Years	167	7.383%
Male	76	45.51%
Female	88	52.69%
Pregnant	3	1.80%
30-39 Years	152	6.720%
Male	56	36.84%
Female	93	61.18%
Pregnant	3	1.97%
40-49 Years	136	6.012%

40-49 Years	136	6.012%
Male	65	47.79%
Female	71	52.21%
50-59 Years	95	4.200%
Male	32	33.68%
Female	63	66.32%
60-69 Years	47	2.078%
Male	22	46.81%
Female	25	53.19%
70-79 Years	39	1.724%
Male	8	20.51%
Female	31	79.49%
80-89 Years	16	0.707%
Male	2	12.50%
Female	14	87.50%
90-99 or More Years	3	0.133%
Male	2	66.67%
Female	1	33.33%
Unknown Adult	20	0.884%
Male	6	30.00%
Female	13	65.00%
Sex Unknown	1	5.00%
Unknown Age	3	0.133%
Female	3	100.00%
Grand Total:	2,262	

Percentage by Age Categories



Patient Flow Children 5 Years and Under

			<u>Number</u>	<u>Percentage</u>
Managed on Site (non-HCF)			<u>1,113</u>	<u>92.44</u>
	Female	565		50.76%
	Male	548		49.24%
In/enroute to HCF			<u>54</u>	<u>4.49</u>
Treated/evaluated and released			<u>49</u>	<u>4.07</u>
	Female	17		34.69%
	Male	32		65.31%
Admitted to critical care unit			<u>2</u>	<u>0.17</u>
	Male	2		100.00%
Admitted to noncritical care unit			<u>2</u>	<u>0.17</u>
	Male	2		100.00%
Patient lost to follow-up/left AMA			<u>1</u>	<u>0.08</u>
	Male	1		100.00%
Referred to HCF			<u>35</u>	<u>2.91</u>
Treated/evaluated and released			<u>27</u>	<u>2.24</u>
	Female	14		51.85%
	Male	13		48.15%
Admitted to noncritical care unit			<u>2</u>	<u>0.17</u>
	Female	1		50.00%
	Male	1		50.00%
Patient lost to follow-up/left AMA			<u>2</u>	<u>0.17</u>
	Male	2		100.00%
Patient REFUSED referral/NO SHOW			<u>4</u>	<u>0.33</u>
	Female	2		50.00%
	Male	2		50.00%
Other *(code)			<u>2</u>	<u>0.17</u>
	Male	2		100.00%
			<u>1,204</u>	<u>100 %</u>

Patient Flow Children 6 to 19 Years of Age

			<u>Number</u>	<u>Percentage</u>
Managed on Site (non-HCF)			<u>210</u>	<u>55.26</u>
Female	89	42.38%		
Male	121	57.62%		
In/enroute to HCF			<u>115</u>	<u>30.26</u>
Treated/evaluated and released			74	19.47
Female	40	54.05%		
Male	34	45.95%		
Admitted to critical care unit			7	1.84
Female	2	28.57%		
Male	5	71.43%		
Admitted to noncritical care unit			11	2.89
Female	9	81.82%		
Male	2	18.18%		
Admitted to psychiatric facility			23	6.05
Female	14	60.87%		
Male	9	39.13%		
Referred to HCF			<u>43</u>	<u>11.32</u>
Treated/evaluated and released			30	7.89
Female	18	60.00%		
Male	12	40.00%		
Admitted to critical care unit			2	0.53
Female	2	100.00%		
Admitted to noncritical care unit			1	0.26
Female	1	100.00%		
Admitted to psychiatric facility			6	1.58
Female	4	66.67%		
Male	2	33.33%		
Patient lost to follow-up/left AMA			1	0.26
Female	1	100.00%		
Patient REFUSED referral/NO SHOW			3	0.79
Female	3	100.00%		
Other *(code)			<u>12</u>	<u>3.16</u>
Female	9	75.00%		
Male	3	25.00%		
			<u>380</u>	<u>100 %</u>

Patient Flow Adults 20 Years and Older

			<u>Number</u>	<u>Percentage</u>
Managed on Site (non-HCF)			<u>335</u>	<u>49.41</u>
Female	218	65.07%		
Male	112	33.43%		
Pregnant	4	1.19%		
Unknown Sex	1	0.30%		
In/enroute to HCF			<u>295</u>	<u>43.51</u>
Treated/evaluated and released			<u>150</u>	<u>22.12</u>
Female	77	51.33%		
Male	72	48.00%		
Pregnant	1	0.67%		
Admitted to critical care unit			<u>43</u>	<u>6.34</u>
Female	28	65.12%		
Male	15	34.88%		
Admitted to noncritical care unit			<u>18</u>	<u>2.65</u>
Female	8	44.44%		
Male	10	55.56%		
Admitted to psychiatric facility			<u>72</u>	<u>10.62</u>
Female	36	50.00%		
Male	36	50.00%		
Patient lost to follow-up/left AMA			<u>10</u>	<u>1.47</u>
Female	5	50.00%		
Male	5	50.00%		
N/A			<u>2</u>	<u>0.29</u>
Female	1	50.00%		
Male	1	50.00%		
Referred to HCF			<u>45</u>	<u>6.64</u>
Treated/evaluated and released			<u>19</u>	<u>2.80</u>
Female	15	78.95%		
Male	4	21.05%		
Admitted to critical care unit			<u>5</u>	<u>0.74</u>
Female	2	40.00%		
Male	3	60.00%		
Admitted to noncritical care unit			<u>3</u>	<u>0.44</u>
Female	2	66.67%		
Male	1	33.33%		
Admitted to psychiatric facility			<u>5</u>	<u>0.74</u>
Female	3	60.00%		
Male	2	40.00%		
Patient lost to follow-up/left AMA			<u>1</u>	<u>0.15</u>
Female	1	100.00%		
Patient REFUSED referral/NO SHOW			<u>12</u>	<u>1.77</u>
Female	5	41.67%		
Male	6	50.00%		
Pregnant	1	8.33%		
Other *(code)			<u>3</u>	<u>0.44</u>
Female	1	33.33%		
Male	2	66.67%		

<u>678</u>	<u>100 %</u>
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Reason for Exposure

Unintentional	80.72%	1,825
Unintentional/General	58.16%	1,315
Unintentional/Environmental	0.93%	21
Unintentional/Occupational	1.37%	31
Unintentional/Therapeutic Error	12.47%	282
Unintentional/Misuse	6.02%	136
Unintentional/Bite or Sting	1.50%	34
Unintentional/Food Poisoning	0.27%	6
Intentional	17.56%	397
Intentional/Suspected Suicide	13.09%	296
Intentional/Misuse	1.95%	44
Intentional/Abuse	2.30%	52
Intentional/Unknown	0.22%	5
Other	1.72%	39
Contamination/Tampering	0.04%	1
Malicious	0.18%	4
Adverse Reaction/Drug	0.97%	22
Adverse Reaction/Food	0.04%	1
Adverse Reaction/Other	0.22%	5
Unknown Reason	0.27%	6
Grand Total:		2,261

Reason for Exposure by Age Category

Children 5 years and under	53.25%	1,204
Unintentional	53.16%	1,202
Unintentional/General	48.87%	1,105
Unintentional/Environmental	0.09%	2
Unintentional/Therapeutic Error	3.58%	81
Unintentional/Misuse	0.40%	9
Unintentional/Bite or Sting	0.22%	5
Other Reason	0.09%	2
Adverse Reaction/Other	0.04%	1
Unknown Reason	0.04%	1
Children 6 to 19 years	16.81%	380
Unintentional	10.31%	233
Unintentional/General	5.00%	113
Unintentional/Environmental	0.18%	4
Unintentional/Occupational	0.31%	7
Unintentional/Therapeutic Error	2.79%	63
Unintentional/Misuse	1.72%	39
Unintentional/Bite or Sting	0.31%	7
Intentional	6.19%	140
Intentional/Suspected Suicide	3.98%	90
Intentional/Misuse	0.62%	14
Intentional/Abuse	1.46%	33
Intentional/Unknown	0.13%	3
Other Reason	0.31%	7
Contamination/Tampering	0.04%	1
Malicious	0.09%	2
Adverse Reaction/Drug	0.18%	4
Adults 20 years or older	29.81%	674
Unintentional	17.12%	387
Unintentional/General	4.20%	95
Unintentional/Environmental	0.66%	15
Unintentional/Occupational	1.06%	24
Unintentional/Therapeutic Error	6.06%	137
Unintentional/Misuse	3.89%	88
Unintentional/Bite or Sting	0.97%	22
Unintentional/Food Poisoning	0.27%	6
Intentional	11.37%	257
Intentional/Suspected Suicide	9.11%	206
Intentional/Misuse	1.33%	30

Intentional/Abuse	0.84%	19
Intentional/Unknown	0.09%	2
Other Reason	1.33%	30
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Malicious	0.09%	2
Adverse Reaction/Drug	0.80%	18
Adverse Reaction/Food	0.04%	1
Adverse Reaction/Other	0.18%	4
Unknown Reason	0.22%	5
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Unknown Age	0.13%	3
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Unintentional	0.13%	3
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Unintentional/General	0.09%	2
Unintentional/Therapeutic Error	0.04%	1
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Grand Total:		2,261
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Management Site Including Outcomes - All Human Exposures

		<u>Number</u>	<u>Percentage</u>	<u>% of Group</u>
Managed on site/non-HCF		1,658	73.30%	
3.38%	No effect	56	2.48%	3.38%
5.25%	Minor effect	87	3.85%	5.25%
0.30%	Moderate effect	5	0.22%	0.30%
35.04%	Judged as nontoxic - expect no effect	581	25.69%	35.04%
54.52%	Minimal clinical effects possible	904	39.96%	54.52%
0.06%	Unable to follow - potentially toxic exposure	1	0.04%	0.06%
1.45%	Unrelated - probably not responsible	24	1.06%	1.45%
Managed in HCF		568	25.11%	
Treated/evaluated and released		<u>15.43%</u>	<u>349</u>	<u>61.44%</u>
23.78%	No effect	83	3.67%	14.61%
45.85%	Minor effect	160	7.07%	28.17%
11.46%	Moderate effect	40	1.77%	7.04%
2.29%	Judged as nontoxic - expect no effect	8	0.35%	1.41%
13.18%	Minimal clinical effects possible	46	2.03%	8.10%
3.15%	Unrelated - probably not responsible	11	0.49%	1.94%
0.29%	Confirmed non exposure	1	0.04%	0.18%
Admitted to critical care unit		<u>2.61%</u>	<u>59</u>	<u>10.39%</u>
38.98%	Minor effect	23	1.02%	4.05%
40.68%	Moderate effect	24	1.06%	4.23%
11.86%	Major effect	7	0.31%	1.23%
3.39%	Minimal clinical effects possible	2	0.09%	0.35%
3.39%	Unrelated - probably not responsible	2	0.09%	0.35%
1.69%	X-Death, Indirect Report	1	0.04%	0.18%
Admitted to noncritical care unit		<u>1.64%</u>	<u>37</u>	<u>6.51%</u>
16.22%	No effect	6	0.27%	1.06%
40.54%	Minor effect	15	0.66%	2.64%
32.43%	Moderate effect	12	0.53%	2.11%
2.70%	Minimal clinical effects possible	1	0.04%	0.18%
8.11%	Unrelated - probably not responsible	3	0.13%	0.53%
Admitted to psychiatric facility		<u>4.69%</u>	<u>106</u>	<u>18.66%</u>
22.64%	No effect	24	1.06%	4.23%
53.77%	Minor effect	57	2.52%	10.04%
14.15%	Moderate effect	15	0.66%	2.64%
0.94%	Judged as nontoxic - expect no effect	1	0.04%	0.18%
2.83%	Minimal clinical effects possible	3	0.13%	0.53%
5.66%	Unrelated - probably not responsible	6	0.27%	1.06%
Patient lost to follow-up/left AMA		<u>0.66%</u>	<u>15</u>	<u>2.64%</u>
6.67%	No effect	1	0.04%	0.18%
13.33%	Minor effect	2	0.09%	0.35%
13.33%	Minimal clinical effects possible	2	0.09%	0.35%
46.67%	Unable to follow - potentially toxic exposure	7	0.31%	1.23%
20.00%	Unrelated - probably not responsible	3	0.13%	0.53%

N/A		<u>0.09%</u>	<u>2</u>	<u>0.35%</u>
100.00%	N/A	2	0.09%	0.35%
Other		17	0.75%	
5.88%	Minor effect	1	0.04%	5.88%
35.29%	Judged as nontoxic - expect no effect	6	0.27%	35.29%
58.82%	Minimal clinical effects possible	10	0.44%	58.82%
Refused Referral		19	0.84%	
5.26%	No effect	1	0.04%	5.26%
5.26%	Minor effect	1	0.04%	5.26%
10.53%	Minimal clinical effects possible	2	0.09%	10.53%
68.42%	Unable to follow - potentially toxic exposure	13	0.57%	68.42%
10.53%	Confirmed non exposure	2	0.09%	10.53%
		<u>2,262</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>349</u>	<u>59.5%</u>	
In/enroute to HCF	273	46.5%	78.2%
No effect	53	9.0%	19.4%
Minor effect	132	22.5%	48.4%
Moderate effect	31	5.3%	11.4%
Judged as nontoxic - expect no effect	6	1.0%	2.2%
Minimal clinical effects possible	41	7.0%	15.0%
Unrelated - probably not responsible	9	1.5%	3.3%
Confirmed non exposure	1	0.2%	0.4%
Referred to HCF	76	12.9%	21.8%
No effect	30	5.1%	39.5%
Minor effect	28	4.8%	36.8%
Moderate effect	9	1.5%	11.8%
Judged as nontoxic - expect no effect	2	0.3%	2.6%
Minimal clinical effects possible	5	0.9%	6.6%
Unrelated - probably not responsible	2	0.3%	2.6%
Admitted to critical care unit	<u>59</u>	<u>10.1%</u>	
In/enroute to HCF	52	8.9%	88.1%
Minor effect	20	3.4%	38.5%
Moderate effect	21	3.6%	40.4%
Major effect	6	1.0%	11.5%
Minimal clinical effects possible	2	0.3%	3.8%
Unrelated - probably not responsible	2	0.3%	3.8%
X-Death, Indirect Report	1	0.2%	1.9%
Referred to HCF	7	1.2%	11.9%
Minor effect	3	0.5%	42.9%
Moderate effect	3	0.5%	42.9%
Major effect	1	0.2%	14.3%
Admitted to noncritical care unit	<u>37</u>	<u>6.3%</u>	
In/enroute to HCF	31	5.3%	83.8%
No effect	6	1.0%	19.4%
Minor effect	14	2.4%	45.2%
Moderate effect	7	1.2%	22.6%
Minimal clinical effects possible	1	0.2%	3.2%

Unrelated - probably not responsible	3	0.5%	9.7%
Referred to HCF	6	1.0%	16.2%
Minor effect	1	0.2%	16.7%
Moderate effect	5	0.9%	83.3%
Admitted to psychiatric facility	<u>106</u>	<u>18.1%</u>	
In/enroute to HCF	95	16.2%	89.6%
No effect	22	3.7%	23.2%
Minor effect	49	8.3%	51.6%
Moderate effect	15	2.6%	15.8%
Judged as nontoxic - expect no effect	1	0.2%	1.1%
Minimal clinical effects possible	2	0.3%	2.1%
Unrelated - probably not responsible	6	1.0%	6.3%
Referred to HCF	11	1.9%	10.4%
No effect	2	0.3%	18.2%
Minor effect	8	1.4%	72.7%
Minimal clinical effects possible	1	0.2%	9.1%
Patient lost to follow-up/left AMA	<u>15</u>	<u>2.6%</u>	
In/enroute to HCF	11	1.9%	73.3%
No effect	1	0.2%	9.1%
Minor effect	1	0.2%	9.1%
Minimal clinical effects possible	1	0.2%	9.1%
Unable to follow - potentially toxic exposure	5	0.9%	45.5%
Unrelated - probably not responsible	3	0.5%	27.3%
Referred to HCF	4	0.7%	26.7%
Minor effect	1	0.2%	25.0%
Minimal clinical effects possible	1	0.2%	25.0%
Unable to follow - potentially toxic exposure	2	0.3%	50.0%
Patient REFUSED referral/NO SHOW	<u>19</u>	<u>3.2%</u>	
Referred to HCF	19	3.2%	100.0%
No effect	1	0.2%	5.3%
Minor effect	1	0.2%	5.3%
Minimal clinical effects possible	2	0.3%	10.5%
Unable to follow - potentially toxic exposure	13	2.2%	68.4%
Confirmed non exposure	2	0.3%	10.5%
N/A	<u>2</u>	<u>0.3%</u>	
In/enroute to HCF	2	0.3%	100.0%
N/A	2	0.3%	100.0%

587

100 %

Visual Dottlab/WBM Software

Medical Outcomes

	<u>Number</u>	<u>Percentag</u>
No Effect	171	7.57 %
Minor Effect	346	15.32 %
Moderate Effect	96	4.25 %
Major Effect	7	0.31 %
Death - Indirect Report	1	0.04 %
Not Followed, Judged as Nontoxic Exposure	596	26.38 %
Not Followed - Minimal Clinical Effects Possible	970	42.94 %
Unable to Follow - Potentially Toxic Exposure	21	0.93 %
Unrelated Effect	49	2.17 %
Outcome NOT Coded	2	0.09 %
Total:	<u>2,259</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>1,202</u>	<u>53.21%</u>	
No Effect	79	3.497%	6.57%
Minor Effect	64	2.833%	5.32%
Moderate Effect	5	0.221%	0.42%
Death - Indirect Report	1	0.044%	0.08%
Not Followed, Judged as Nontoxic Exposure	448	19.832%	37.27%
Not Followed - Minimal Clinical Effects Possible	589	26.073%	49.00%
Unable to Follow - Potentially Toxic Exposure	3	0.133%	0.25%
Unrelated Effect	13	0.575%	1.08%
Children 6 to 19 years	<u>380</u>	<u>16.82%</u>	
No Effect	39	1.726%	10.26%
Minor Effect	97	4.294%	25.53%
Moderate Effect	26	1.151%	6.84%
Not Followed, Judged as Nontoxic Exposure	78	3.453%	20.53%
Not Followed - Minimal Clinical Effects Possible	130	5.755%	34.21%
Unable to Follow - Potentially Toxic Exposure	4	0.177%	1.05%
Unrelated Effect	6	0.266%	1.58%
Adult 20 years or more	<u>677</u>	<u>29.97%</u>	
No Effect	53	2.346%	7.83%
Minor Effect	185	8.189%	27.33%
Moderate Effect	65	2.877%	9.60%
Major Effect	7	0.310%	1.03%
Not Followed, Judged as Nontoxic Exposure	70	3.099%	10.34%
Not Followed - Minimal Clinical Effects Possible	251	11.111%	37.08%
Unable to Follow - Potentially Toxic Exposure	14	0.620%	2.07%
Unrelated Effect	30	1.328%	4.43%
Outcome NOT Coded	2	0.089%	0.30%
Total:	<u>2,259</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

ANALGESICS			118	20.7%
10.00%	57	IBUPROFEN		
2.98%	17	ACETAMINOPHEN: PEDIATRIC FORMULATION		
1.40%	8	ACETAMINOPHEN: ADULT FORMULATION		
0.70%	4	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
0.70%	4	APAP/ASA: WITH OTHER INGREDIENT		
0.70%	4	OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG		
0.53%	3	ASPIRIN: ADULT FORMULATION		
0.53%	3	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
0.53%	3	NAPROXEN		
0.35%	2	COX-2 INHIBITOR		
2.28%	13	OTHERS AGENTS		
TOPICAL PREPARATIONS			83	14.6%
7.37%	42	DIAPER CARE/RASH PRODUCT		
1.75%	10	HYDROGEN PEROXIDE-3%		
1.23%	7	CAMPHOR		
1.23%	7	TOPICAL STEROID		
0.70%	4	OTHER TOPICAL ANTISEPTIC		
0.53%	3	METHYL SALICYLATE		
0.53%	3	TOPICAL STEROID WITH ANTIBIOTIC		
0.35%	2	CALAMINE		
0.35%	2	CAMPHOR AND METHYL SALICYLATE		
0.35%	2	IODINE OR IODIDE-CONTAINING ANTISEPTIC		
0.18%	1	OTHERS AGENTS		
COLD AND COUGH PREPARATIONS			76	13.3%
4.56%	26	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
2.98%	17	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.58%	9	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.05%	6	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
1.05%	6	OTHER DEXTROMETHORPHAN PREPARATION		
0.88%	5	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
0.53%	3	ANTIHISTAMINE/DECON/PPA/WITHOUT OPIOID		
0.53%	3	EXPECT/ANTITUSSIVE WITHOUT OPIOID		
0.18%	1	ANTIHISTAMINE/DECON/OTHER OPIOID/WITHOUT PPA		
GASTROINTESTINAL PREPARATIONS			53	9.3%
3.86%	22	ANTACID: OTHER		
2.98%	17	GASTROINTESTINAL PREP: OTHER		
0.88%	5	LAXATIVE		
0.70%	4	ANTACID: SALICYLATE-CONTAINING		
0.70%	4	PROTON PUMP INHIBITOR		
0.18%	1	ANTISPASMODIC: ANTICHOLINERGIC		

Drug Related Substances

ANTIHISTAMINES			36	6.3%
2.63%	15	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
2.28%	13	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
1.23%	7	CIMETIDINE AND OTHER H2 ANTAGONIST		
0.18%	1	DIPHENHYDRAMINE-ALONE (OTC)		
HORMONES AND HORMONE ANTAGONISTS			34	6.0%
1.40%	8	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		
1.23%	7	CORTICOSTEROID		
1.05%	6	ORAL CONTRACEPTIVE		
0.53%	3	ESTROGEN (EXCLUDING DIETARY SUPPLEMENT)		
0.53%	3	ORAL HYPOGLYCEMIC: SULFONYLUREA		
0.53%	3	ORAL HYPOGLYCEMIC: THIAZOLIDINEDIONE		
0.18%	1	INSULIN		
0.18%	1	ORAL HYPOGLYCEMIC: BIGUANIDE		
0.18%	1	OTHER HORMONE		
0.18%	1	PROGESTIN		
VITAMINS			32	5.6%
2.46%	14	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
1.40%	8	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
0.53%	3	MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)		
0.35%	2	MULTI VITAMIN-TABLET: ADULT WITH IRON (NO FLUORIDE)		
0.18%	1	MULTI VITAMIN-TABLET: ADULT WITHOUT IRON OR FLUORIDE		
0.18%	1	NIACIN (B3)		
0.18%	1	OTHER B COMPLEX VITAMINS		
0.18%	1	VITAMIN C		
0.18%	1	VITAMIN E		
ANTIMICROBIALS			25	4.4%
2.28%	13	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
1.05%	6	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.35%	2	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.35%	2	ANTIBIOTIC: UNKNOWN PREPARATION		
0.18%	1	ANTIFUNGAL: SYSTEMIC (PO, IV, IM) PREPARATION		
0.18%	1	METRONIDAZOLE		
ASTHMA THERAPIES			17	3.0%
1.58%	9	ALBUTEROL		
1.23%	7	LEUKOTRIENE ANTAGONIST/INHIBITOR		
0.18%	1	TERBUTALINE AND OTHER BETA-2 AGONIST		
CARDIOVASCULAR DRUGS			17	3.0%
0.70%	4	ANGIOTENSIN RECEPTOR BLOCKER		
0.70%	4	ANTIHYPERLIPIDEMIC		
0.53%	3	ACE INHIBITOR		
0.18%	1	ALPHA BLOCKER		
0.18%	1	ANTIHYPERTENSIVE (EXCLUDING DIURETIC)		
0.18%	1	BETA BLOCKER (INCLUDE PROPRANOLOL)		

Drug Related Substances

0.18%	1	CALCIUM ANTAGONIST
0.18%	1	CLONIDINE
0.18%	1	VASOPRESSOR

OTHERS

79

13.9%

1.75%	10	SSRI
1.75%	10	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
1.05%	6	UNKNOWN DRUG
0.70%	4	CALCIUM AND CALCIUM SALTS
0.53%	3	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN
0.53%	3	NICOTINE PHARMACEUTICAL
0.53%	3	CYCLOBENZAPRINE
0.53%	3	OTHER (SKELETAL) MUSCLE RELAXANT
0.35%	2	MELATONIN
0.35%	2	MULTI-BOTANICAL WITHOUT MA HUAN OR CITRUS AURANTIUM
5.79%	33	OTHERS AGENTS

570

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			168	24.6%
3.81%	26	TOOTHPASTE WITH FLUORIDE		
2.49%	17	PERFUME/COLOGNE/AFTERSHAVE		
2.49%	17	SOAP (BAR, HAND OR COMPLEXION)		
2.05%	14	CREAM/LOTION/MAKE-UP		
2.05%	14	DEODORANT		
2.05%	14	NAIL POLISH		
1.17%	8	SUNTAN/SUNSCREEN		
0.88%	6	MOUTHWASH: ETHANOL-CONTAINING		
0.73%	5	BATH OIL/BUBBLE BATH		
0.73%	5	NAIL POLISH REMOVER: UNKNOWN		
6.15%	42	OTHERS AGENTS		
CLEANING SUBSTANCES (HOUSEHOLD)			116	17.0%
3.07%	21	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
1.17%	8	MISC. CLEANING AGENT: ANIONIC/NONIONIC		
1.02%	7	DISINFECTANT: OTHER/UNKNOWN		
0.88%	6	AUTOMATIC DISHWASHER DETERGENT: LIQUID		
0.88%	6	GLASS CLEANER: ISOPROPANOL		
0.88%	6	MISC. HOUSEHOLD CLEANING AGENT: OTHER/UNKNOWN		
0.88%	6	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ALKALI		
0.59%	4	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: CATIONIC		
0.59%	4	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: GLYCOLS		
0.44%	3	AMMONIA CLEANER (ALL PURPOSE)		
6.59%	45	OTHERS AGENTS		
FOREIGN BODIES/TOYS/MISCELLANEOUS			113	16.5%
4.69%	32	DESICCANT		
4.54%	31	OTHER FOREIGN BODY		
3.22%	22	TOY		
1.17%	8	BUBBLE BLOWING SOLUTION		
1.02%	7	COIN		
0.44%	3	GLASS		
0.44%	3	SOIL		
0.44%	3	THERMOMETER: UNKNOWN TYPE		
0.29%	2	FECES/URINE		
0.29%	2	THERMOMETER: OTHER		
ARTS/CRAFTS/OFFICE SUPPLIES			40	5.9%
3.22%	22	PEN/INK		
0.88%	6	OTHER ARTS/CRAFTS/WRITING PRODUCT		
0.59%	4	CHALK		
0.44%	3	PENCIL		
0.29%	2	ARTIST PAINT, NON-WATER COLOR		

Non-Drug Related Substances

0.29%	2	CRAYON		
0.15%	1	CLAY		
PLANTS			38	5.6%
2.34%	16	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)		
0.88%	6	PLANT: NON-TOXIC		
0.73%	5	PLANT: OXALATE		
0.59%	4	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC		
0.44%	3	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE		
0.44%	3	PLANT: OTHER TOXIC		
0.15%	1	PLANT: DERMATITIS (NON-OXALATE)		
PESTICIDES			36	5.3%
1.32%	9	INSECT REPELLENT WITH DEET		
0.88%	6	LONG-ACTING ANTICOAGULANT RODENTICIDE		
0.73%	5	OTHER INSECTICIDE		
0.73%	5	PYRETHROID		
0.59%	4	INSECT REPELLENT WITHOUT DEET		
0.44%	3	BORATE/BORIC ACID PESTICIDE		
0.29%	2	PYRETHRIN		
0.15%	1	UNKNOWN MOTHBALL OR MOTH REPELLENT		
0.15%	1	WOOD PRESERVATIVE		
OTHER/UNKNOWN NONDRUG SUBSTANCES			19	2.8%
1.61%	11	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG		
1.17%	8	OTHER NON-DRUG SUBSTANCE		
PAINTS AND STRIPPING AGENTS			18	2.6%
1.76%	12	PAINT: WATER BASE (ACRYLIC, LATEX)		
0.44%	3	PAINT: STAIN		
0.15%	1	OTHER PAINT, VARNISH OR LACQUER		
0.15%	1	STRIPPING AGENT: OTHER		
0.15%	1	UNKNOWN PAINT, VARNISH OR LACQUER		
FOOD PRODUCTS/FOOD POISONING			17	2.5%
1.02%	7	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT		
0.73%	5	QUESTION ABOUT POSSIBLY SPOILED FOOD		
0.44%	3	CAPSICUM/PEPPERS (FOODS)		
0.29%	2	BACTERIAL FOOD POISONING: OTHER		
ALCOHOLS			14	2.0%
1.17%	8	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
0.88%	6	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
OTHERS			104	15.2%
1.32%	9	OTHER/UNKNOWN ESSENTIAL OIL		
0.73%	5	DEODORIZER: OTHER, NOT FOR PERSONAL USE		
0.73%	5	INDUSTRIAL CLEANER: OTHER/UNKNOWN		
0.73%	5	AQUARIUM PRODUCT: MISCELLANEOUS		
0.59%	4	NON-TOXIC (WHITE GLUE, PAPER GLUES)		
0.44%	3	CYANOACRYLATE		

Non-Drug Related Substances

0.44%	3	UNKNOWN TYPE OF ADHESIVE, GLUE, CEMENT OR PASTE
0.44%	3	CAULKING COMPOUND AND CONSTRUCTION PUTTY
0.44%	3	GASOLINE
0.44%	3	LUBRICATING OIL/MOTOR OIL
8.93%	61	OTHERS AGENTS
	<hr/>	
	683	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			86	28.1%
8.17%	25	ACETAMINOPHEN: ADULT FORMULATION		
6.86%	21	IBUPROFEN		
3.59%	11	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
2.61%	8	NAPROXEN		
0.98%	3	ACETAMINOPHEN WITH OTHER OPIOID		
0.98%	3	APAP/ASA: WITH OTHER INGREDIENT		
0.65%	2	ACETAMINOPHEN WITH CODEINE		
0.65%	2	ACETAMINOPHEN WITH HYDROCODONE		
0.65%	2	ACETAMINOPHEN: PEDIATRIC FORMULATION		
0.65%	2	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
2.29%	7	OTHERS AGENTS		
ANTIDEPRESSANTS			33	10.8%
8.17%	25	SSRI		
1.31%	4	OTHER ANTIDEPRESSANT		
0.65%	2	LITHIUM		
0.33%	1	AMITRIPTYLINE		
0.33%	1	TRAZODONE		
SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS			33	10.8%
4.90%	15	ATYPICAL ANTIPSYCHOTIC		
3.59%	11	BENZODIAZEPINE		
1.63%	5	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.65%	2	SLEEP AID-OTC (EXCLUDING DIPHENHYDRAMINE)		
COLD AND COUGH PREPARATIONS			30	9.8%
4.25%	13	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
1.63%	5	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.63%	5	OTHER DEXTROMETHORPHAN PREPARATION		
0.98%	3	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
0.65%	2	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
0.33%	1	APAP/DECON/ANTIHISTAMINE/PPA/DEXTROMETHORPHAN		
0.33%	1	UNKNOWN COUGH/COLD PREPARATION		
STIMULANTS AND STREET DRUGS			22	7.2%
3.27%	10	AMPHETAMINE AND RELATED COMPOUND		
2.29%	7	METHYLPHENIDATE		
0.65%	2	HALLUCINOGENIC AMPHETAMINE		
0.65%	2	MARIJUANA		
0.33%	1	UNKNOWN STIMULANT/STREET DRUG		
ANTIHISTAMINES			17	5.6%
2.94%	9	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
2.61%	8	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		

Drug Related Substances

CARDIOVASCULAR DRUGS			15	4.9%
1.31%	4	CLONIDINE		
0.98%	3	BETA BLOCKER (INCLUDE PROPRANOLOL)		
0.65%	2	ANTIHYPERLIPIDEMIC		
0.65%	2	ANTIHYPERTENSIVE (EXCLUDING DIURETIC)		
0.33%	1	ACE INHIBITOR		
0.33%	1	ANGIOTENSIN RECEPTOR BLOCKER		
0.33%	1	CARDIAC GLYCOSIDE		
0.33%	1	VASOPRESSOR		
ANTICONVULSANTS			12	3.9%
1.96%	6	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
1.96%	6	VALPROIC ACID		
VITAMINS			11	3.6%
1.31%	4	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
0.98%	3	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
0.65%	2	NIACIN (B3)		
0.33%	1	MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)		
0.33%	1	PYRIDOXINE (B6)		
ANTIMICROBIALS			10	3.3%
2.61%	8	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
0.33%	1	ANTIFUNGAL: SYSTEMIC (PO, IV, IM) PREPARATION		
0.33%	1	ISONIAZID		
OTHERS			37	12.1%
2.29%	7	OTHER (SKELETAL) MUSCLE RELAXANT		
1.63%	5	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
0.65%	2	TERBUTALINE AND OTHER BETA-2 AGONIST		
0.65%	2	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		
0.65%	2	ACNE PREPARATION		
0.65%	2	UNKNOWN DRUG		
0.33%	1	ANTICHOLINERGIC DRUG (EXCLUDING COUGH & COLD PREPARATION & PLANT)		
0.33%	1	OTHER ANTIPLATELET		
0.33%	1	ALBUTEROL		
0.33%	1	LEUKOTRIENE ANTAGONIST/INHIBITOR		
4.25%	13	OTHERS AGENTS		
	306	Grand Total		

**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

FOREIGN BODIES/TOYS/MISCELLANEOUS			24	15.0%
6.25%	10	TOY		
3.13%	5	OTHER FOREIGN BODY		
1.88%	3	GLOW PRODUCT		
1.88%	3	THERMOMETER: UNKNOWN TYPE		
1.25%	2	DESICCANT		
0.63%	1	COIN		
CLEANING SUBSTANCES (HOUSEHOLD)			19	11.9%
5.63%	9	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
1.25%	2	MISC. CLEANING AGENT: ISOPROPANOL (EXCLUDING AUTOMOTIVE PRODUCT, GLAS		
1.25%	2	TOILET BOWL CLEANER: ACID		
1.25%	2	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: GLYCOLS		
0.63%	1	DISINFECTANT: PHENOL (EG, LYSOL)		
0.63%	1	GLASS CLEANER: ISOPROPANOL		
0.63%	1	TOILET BOWL CLEANER: ALKALI		
0.63%	1	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ISOPROPANOL		
COSMETICS/PERSONAL CARE PRODUCTS			19	11.9%
2.50%	4	DEODORANT		
1.88%	3	CREAM/LOTION/MAKE-UP		
1.88%	3	MOUTHWASH: ETHANOL-CONTAINING		
1.25%	2	NAIL POLISH REMOVER: UNKNOWN		
1.25%	2	SOAP (BAR, HAND OR COMPLEXION)		
0.63%	1	BATH OIL/BUBBLE BATH		
0.63%	1	MOUTHWASH: FLUORIDE CONTAINING		
0.63%	1	OTHER DENTAL CARE PRODUCT WITHOUT FLUORIDE)		
0.63%	1	PERFUME/COLOGNE/AFTERSHAVE		
0.63%	1	SUNTAN/SUNSCREEN		
CHEMICALS			14	8.8%
3.13%	5	OTHER CHEMICAL		
2.50%	4	OTHER ACID		
1.25%	2	FORMALDEHYDE/FORMALIN		
0.63%	1	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)		
0.63%	1	HYDROCHLORIC ACID		
0.63%	1	NITRATE AND NITRITE (EXCLUDING MEDICATION & SUBSTANCE OF ABUSE)		
ALCOHOLS			13	8.1%
5.00%	8	ETHANOL (BEVERAGE)		
3.13%	5	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
ARTS/CRAFTS/OFFICE SUPPLIES			12	7.5%
4.38%	7	PEN/INK		
1.25%	2	ARTIST PAINT, NON-WATER COLOR		

Non-Drug Related Substances

0.63%	1	OTHER ARTS/CRAFTS/WRITING PRODUCT
0.63%	1	PENCIL
0.63%	1	TYPEWRITER CORRECTION FLUID

PLANTS	10	6.3%
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1.25%	2	PLANT: DERMATITIS (NON-OXALATE)
1.25%	2	PLANT: NON-TOXIC
1.25%	2	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC
0.63%	1	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE
0.63%	1	PLANT: ANTICHOLINERGIC
0.63%	1	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)
0.63%	1	PLANT: OXALATE

BITES AND ENVENOMATIONS	6	3.8%
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1.25%	2	BEE/WASP/HORNET BITE/ENVENOMATION
1.25%	2	OTHER SPIDER BITE/ENVENOMATION
0.63%	1	CATERPILLAR BITE/ENVENOMATION
0.63%	1	NON-POISONOUS SNAKE BITE

HYDROCARBONS	6	3.8%
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1.88%	3	GASOLINE
0.63%	1	LAMP OIL
0.63%	1	LUBRICATING OIL/MOTOR OIL
0.63%	1	OTHER HYDROCARBON

MUSHROOMS	5	3.1%
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3.13%	5	MUSHROOM: HALLUCINOGENIC
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OTHERS	32	20.0%
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1.88%	3	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY
1.88%	3	INDUSTRIAL CLEANER: ALKALI
1.88%	3	OTHER NON-DRUG SUBSTANCE
1.88%	3	PYRETHROID
1.25%	2	CHLORINE GAS
1.25%	2	COPPER
1.25%	2	CHLORINE WATER/SHOCK TREATMENT
0.63%	1	CYANOACRYLATE
0.63%	1	AUTOMOTIVE (AIRCRAFT/BOAT) BATTERY
0.63%	1	DEODORIZER: OTHER, NOT FOR PERSONAL USE
6.88%	11	OTHERS AGENTS

160	Grand Total
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**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

ANALGESICS			139	20.3%
3.06%	21	ACETAMINOPHEN: ADULT FORMULATION		
2.62%	18	IBUPROFEN		
2.48%	17	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
2.19%	15	ACETAMINOPHEN WITH OXYCODONE		
1.02%	7	ACETAMINOPHEN WITH OTHER OPIOID		
1.02%	7	OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG		
1.02%	7	OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)		
0.87%	6	ACETAMINOPHEN WITH HYDROCODONE		
0.87%	6	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
0.87%	6	NAPROXEN		
4.23%	29	OTHERS AGENTS		
SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS			138	20.1%
11.08%	76	BENZODIAZEPINE		
4.23%	29	ATYPICAL ANTIPSYCHOTIC		
2.62%	18	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.73%	5	PHENOTHIAZINE		
0.58%	4	BARBITURATE: LONG ACTING		
0.44%	3	BUSPIRONE		
0.15%	1	BARBITUREATE: SHORT AND INTERMEDIATE ACTING		
0.15%	1	MEPROBAMATE		
0.15%	1	SLEEP AID-OTC (EXCLUDING DIPHENHYDRAMINE)		
ANTIDEPRESSANTS			108	15.7%
9.62%	66	SSRI		
3.06%	21	OTHER ANTIDEPRESSANT		
1.46%	10	TRAZODONE		
0.73%	5	LITHIUM		
0.29%	2	AMITRIPTYLINE		
0.15%	1	DOXEPIN		
0.15%	1	NORTRIPTYLINE		
0.15%	1	OTHER TYPE OF CYCLIC ANTIDEPRESSANT		
0.15%	1	PROTRIPTYLINE		
CARDIOVASCULAR DRUGS			54	7.9%
2.04%	14	BETA BLOCKER (INCLUDE PROPRANOLOL)		
1.17%	8	ACE INHIBITOR		
1.17%	8	ANTIHYPERLIPIDEMIC		
0.87%	6	CLONIDINE		
0.58%	4	ALPHA BLOCKER		
0.58%	4	CALCIUM ANTAGONIST		
0.58%	4	CARDIAC GLYCOSIDE		
0.44%	3	ANGIOTENSIN RECEPTOR BLOCKER		
0.29%	2	ANTIHYPERTENSIVE (EXCLUDING DIURETIC)		

Drug Related Substances

0.15%	1	OTHER CARDIOVASCULAR DRUG		
ANTICONVULSANTS			43	6.3%
3.50%	24	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
1.75%	12	VALPROIC ACID		
0.87%	6	PHENYTOIN		
0.15%	1	PRIMIDONE		
COLD AND COUGH PREPARATIONS			28	4.1%
1.31%	9	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
0.73%	5	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
0.73%	5	OTHER DEXTROMETHORPHAN PREPARATION		
0.58%	4	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
0.29%	2	ANTIHISTAMINE/DECON/OTHER OPIOID/WITHOUT PPA		
0.15%	1	ANTIHISTAMINE/DECON/PPA/WITHOUT OPIOID		
0.15%	1	EXPECT/ANTITUSSIVE WITHOUT OPIOID		
0.15%	1	OTHER PPA PREPARATION (EXCLUDING STREET DRUG, DIET AID)		
ANTIHISTAMINES			23	3.4%
1.90%	13	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
1.17%	8	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
0.29%	2	DIPHENHYDRAMINE-ALONE (OTC)		
MUSCLE RELAXANTS			21	3.1%
1.60%	11	CYCLOBENZAPRINE		
1.02%	7	CARISOPRODOL (FORMULATED ALONE)		
0.29%	2	OTHER (SKELETAL) MUSCLE RELAXANT		
0.15%	1	METHOCARBAMOL		
STIMULANTS AND STREET DRUGS			21	3.1%
1.31%	9	COCAINE		
0.87%	6	AMPHETAMINE AND RELATED COMPOUND		
0.29%	2	EPHEDRINE		
0.29%	2	METHYLPHENIDATE		
0.15%	1	CAFFEINE		
0.15%	1	METHAMPHETAMINE		
ANTIMICROBIALS			17	2.5%
1.75%	12	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
0.29%	2	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.29%	2	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.15%	1	ANTIMALARIAL		
OTHERS			94	13.7%
1.46%	10	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
0.73%	5	PROTON PUMP INHIBITOR		
0.58%	4	ORAL HYPOGLYCEMIC: BIGUANIDE		
0.58%	4	TOPICAL STEROID		
0.44%	3	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN		
0.44%	3	TERBUTALINE AND OTHER BETA-2 AGONIST		
0.44%	3	OTIC PREP: OTHER		

Drug Related Substances

0.44%	3	LAXATIVE
0.44%	3	HYDROGEN PEROXIDE-3%
0.44%	3	UNKNOWN DRUG
7.73%	53	OTHERS AGENTS
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	686	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

ALCOHOLS			69	23.8%
17.24%	50	ETHANOL (BEVERAGE)		
5.52%	16	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
1.03%	3	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
CLEANING SUBSTANCES (HOUSEHOLD)			60	20.7%
6.55%	19	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
1.38%	4	DISINFECTANT: OTHER/UNKNOWN		
1.38%	4	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ACID		
1.03%	3	DISINFECTANT: PINE OIL		
1.03%	3	DRAIN CLEANER: ALKALI		
1.03%	3	MISC. CLEANING AGENT: ALKALI		
1.03%	3	MISC. HOUSEHOLD CLEANING AGENT: OTHER/UNKNOWN		
1.03%	3	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ALKALI		
0.69%	2	CARPET/UPHOLSTERY/LEATHER/VINYL CLEANER		
0.69%	2	GLASS CLEANER: ISOPROPANOL		
4.83%	14	OTHERS AGENTS		
BITES AND ENVENOMATIONS			22	7.6%
2.41%	7	BEE/WASP/HORNET BITE/ENVENOMATION		
1.72%	5	OTHER SPIDER BITE/ENVENOMATION		
1.03%	3	UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION		
0.69%	2	COPPERHEAD ENVENOMATION		
0.69%	2	NON-POISONOUS SNAKE BITE		
0.34%	1	FISH BITE/ENVENOMATION		
0.34%	1	RODENT/LAGOMORPH BITE (EG, SQUIRREL, RAT, MOUSE, GERBIL, HAMSTER, RABBIT)		
0.34%	1	TICK BITE/ENVENOMATION		
COSMETICS/PERSONAL CARE PRODUCTS			22	7.6%
2.07%	6	MOUTHWASH: ETHANOL-CONTAINING		
1.03%	3	PEROXIDE		
0.69%	2	HAIR SPRAY		
0.69%	2	NAIL POLISH REMOVER: UNKNOWN		
0.69%	2	SOAP (BAR, HAND OR COMPLEXION)		
0.69%	2	TOOTHPASTE WITH FLUORIDE		
0.34%	1	ACRYLIC NAIL ADHESIVE		
0.34%	1	CREAM/LOTION/MAKE-UP		
0.34%	1	OTHER DENTAL CARE PRODUCT WITHOUT FLUORIDE)		
0.34%	1	POWDER MADE OF MATERIAL OTHER THAN TALC		
0.34%	1	OTHERS AGENTS		
PESTICIDES			14	4.8%
1.03%	3	CHLOROPHENOXY HERBICIDE		
1.03%	3	LONG-ACTING ANTICOAGULANT RODENTICIDE		
0.69%	2	ORGANOPHOSPHATE		

Non-Drug Related Substances

0.34%	1	CARBAMATE COMBINED WITH OTHER INSECTICIDE		
0.34%	1	CHLORINATED HYDROCARBON COMBINED WITH OTHER INSECTICIDE		
0.34%	1	ORGANOPHOSPHATE AND OTHER INSECTICIDE		
0.34%	1	PYRETHRINS ONLY (ALONE)		
0.34%	1	PYRETHROID		
0.34%	1	RODENTICIDE: UNKNOWN		
CHEMICALS			12	4.1%
1.38%	4	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)		
0.69%	2	OTHER CHEMICAL		
0.69%	2	UNKNOWN CHEMICAL		
0.34%	1	AMMONIA (EXCLUDING CLEANER)		
0.34%	1	HYDROCHLORIC ACID		
0.34%	1	HYDROFLUORIC ACID		
0.34%	1	UNKNOWN ACID		
HYDROCARBONS			12	4.1%
1.72%	5	GASOLINE		
1.03%	3	LUBRICATING OIL/MOTOR OIL		
0.69%	2	FREON/OTHER PROPELLANT		
0.34%	1	LIGHTER FLUID/NAPHTHA		
0.34%	1	OTHER HYDROCARBON		
FUMES/GASES/VAPORS			11	3.8%
1.72%	5	CHLORINE GAS		
1.03%	3	CHLORAMINE GAS		
0.69%	2	CARBON MONOXIDE		
0.34%	1	CARBON DIOXIDE		
FOOD PRODUCTS/FOOD POISONING			10	3.4%
1.72%	5	QUESTION ABOUT POSSIBLY SPOILED FOOD		
0.69%	2	CAPSICUM/PEPPERS (FOODS)		
0.69%	2	SUSPECTED FOOD POISONING-UNKNOWN TYPE-PATIENT SYMPTOMATIC		
0.34%	1	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT		
INDUSTRIAL CLEANERS			10	3.4%
2.07%	6	INDUSTRIAL CLEANER: DISINFECTANT		
1.03%	3	INDUSTRIAL CLEANER: OTHER/UNKNOWN		
0.34%	1	INDUSTRIAL CLEANER: ACID		
OTHERS			48	16.6%
2.76%	8	AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL		
2.07%	6	CAPSICUM DEFENSE SPRAY		
1.72%	5	PLANT: DERMATITIS (NON-OXALATE)		
0.69%	2	CYANOACRYLATE		
0.69%	2	TOY		
0.69%	2	PAINT: 'OIL-BASE		
0.34%	1	OTHER ARTS/CRAFTS/WRITING PRODUCT		
0.34%	1	BRAKE FLUID		
0.34%	1	AUTOMOTIVE (AIRCRAFT/BOAT) BATTERY		

Non-Drug Related Substances

0.34%	1	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY
6.55%	19	OTHERS AGENTS
	<u>290</u>	Grand Total

Routes of Exposure - Human Exposures

	Number	Percentage
Aspiration	2	0.08
Bite or sting	34	1.41
Dermal exposure	185	7.65
Ingestion	1,961	81.13
Inhalational	81	3.35
Ocular exposure	139	5.75
Parenteral exposure	13	0.54
Other route of exposure	1	0.04
Unknown route of exposure	1	0.04
GRAND TOTAL:	<u>2,417</u>	<u>100%</u>

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

Treatments Performed

DECONTAMINATION				1,930	86.98 %
Cathartic				67	3.02%
PERFORMED - PCC RECOMMENDED	60	2.70	%		
PERFORMED - NOT RECOMMENDED (+NEED)	7	0.32	%		
Dilute/Irrigate/Wash				1,467	66.11%
PERFORMED - PCC RECOMMENDED	1,317	59.35	%		
PERFORMED - NOT RECOMMENDED (+NEED)	149	6.71	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.05	%		
Food/Snack				77	3.47%
PERFORMED - PCC RECOMMENDED	66	2.97	%		
PERFORMED - NOT RECOMMENDED (+NEED)	11	0.50	%		
Fresh air				45	2.03%
PERFORMED - PCC RECOMMENDED	29	1.31	%		
PERFORMED - NOT RECOMMENDED (+NEED)	16	0.72	%		
Ipecac				4	0.18%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.14	%		
Lavage				11	0.50%
PERFORMED - PCC RECOMMENDED	4	0.18	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.18	%		
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.14	%		
Multi-dose AC				5	0.23%
PERFORMED - PCC RECOMMENDED	4	0.18	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.05	%		
Emetic, Other				11	0.50%
PERFORMED - NOT RECOMMENDED (? NEED)	11	0.50	%		
Single Dose Activated Charcoal				242	10.91%
PERFORMED - PCC RECOMMENDED	224	10.09	%		
PERFORMED - NOT RECOMMENDED (+NEED)	15	0.68	%		
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.14	%		
Whole bowel irrigation				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
ANTIDOTAL				46	2.07 %
Atropine				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
Fab Fragments				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
Flumazenil				2	0.09%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.05	%		
Fomepizole/Antizol				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
IV NAC				3	0.14%
PERFORMED - PCC RECOMMENDED	2	0.09	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.05	%		
PO NAC				18	0.81%
PERFORMED - PCC RECOMMENDED	18	0.81	%		
Narcan				18	0.81%

PERFORMED - PCC RECOMMENDED	14	0.63	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.18	%		
Physostigmine				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
Vitamin K				1	0.05%
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05	%		

INTENSIVE CARE				14	0.63 %
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Dialysis				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
Intubation				8	0.36%
PERFORMED - PCC RECOMMENDED	5	0.23	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.14	%		
Ventilator				5	0.23%
PERFORMED - PCC RECOMMENDED	3	0.14	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.09	%		

GENERAL TREATMENT				229	10.32 %
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Alkalinization				5	0.23%
PERFORMED - PCC RECOMMENDED	3	0.14	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.09	%		
Antihypertensive				2	0.09%
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.09	%		
Antibiotics				5	0.23%
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.23	%		
Anticonvulsant				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
Antiemetics				10	0.45%
PERFORMED - PCC RECOMMENDED	6	0.27	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.18	%		
Antihistamine				14	0.63%
PERFORMED - PCC RECOMMENDED	10	0.45	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.14	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.05	%		
Benzodiazepines				34	1.53%
PERFORMED - PCC RECOMMENDED	20	0.90	%		
PERFORMED - NOT RECOMMENDED (+NEED)	14	0.63	%		
Bronchodilators				8	0.36%
PERFORMED - PCC RECOMMENDED	5	0.23	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.14	%		
Calcium				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
IV Fluids				38	1.71%
PERFORMED - PCC RECOMMENDED	21	0.95	%		
PERFORMED - NOT RECOMMENDED (+NEED)	17	0.77	%		
Other Other Therapy				76	3.42%
PERFORMED - PCC RECOMMENDED	31	1.40	%		
PERFORMED - NOT RECOMMENDED (+NEED)	42	1.89	%		
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.14	%		
Oxygen				22	0.99%
PERFORMED - PCC RECOMMENDED	9	0.41	%		
PERFORMED - NOT RECOMMENDED (+NEED)	12	0.54	%		

PERFORMED - NOT RECOMMENDED (? NEED)	1	0.05	%		
Sedation (Other)				10	0.45%
PERFORMED - PCC RECOMMENDED	4	0.18	%		
PERFORMED - NOT RECOMMENDED (+NEED)	6	0.27	%		
Steroids				3	0.14%
PERFORMED - PCC RECOMMENDED	2	0.09	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05	%		
				Grand Total:	2,219

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