

Poison Control Center Activity Report

Enclosed is a summary report of the cases reported to the Maryland Poison Center from within your county. We hope that you find this information useful. For questions or requests for additional information, please contact Dr. Bruce Anderson, Director of the Maryland Poison Center at banderso@rx.umaryland.edu or call 410-706-7604.



This meta report contains several subreports that are designed to provide an overview of the types of calls managed by the Maryland Poison Center that were reported from your county.

1. Call by Call Type (including information call sub types).
2. Patient Age Groups by Gender.
3. Patient Flow - Human Exposures - Children 5 and Under.
4. Patient Flow - Human Exposures - Children 6 to 19 Years of Age.
5. Patient Flow - Human Exposures - Adults 20 Years of Older.
6. Reason for Exposure - Human Exposures - All Age Groups
7. Reason for Exposure by Age Groups - Human Exposures.
8. Outcomes by Patient Management Sites.
9. Management Site by Referral Pattern (includes medical outcome evaluation).
10. Medical Outcome (Verified Human Exposures Only).
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17. Incidence by Generic Substance(s) in Adults 20 Years and Older - Top 10 Generic Categories & Top 10 Generic Substances - Non-Drug Related.
18. Routes of Exposure - Human Exposures
19. Treatments provided.

Definitions: HCF = Health Care Facility

Patient Flow = where was the patient managed... at home, in the hospital, in the doctors office, etc.

Medical Outcomes contains specific definitions. Please see individual reports for those definitions.

Counties Included in Report

Maryland-MD

<u>County</u>	<u>County#/FIPS</u>
HOWARD	24027

Maryland-MD	1
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Total Counties:	1
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Calls by Call Type

Exposures	2,056	%	66.37
Human Exposures	1,914	%	61.78
Confirmed Exposure	1,914	%	61.78
Animal Exposures	142	%	4.58
Confirmed Exposure	142	%	4.58
Information Calls	1,042	%	33.63
Drug Information	201	%	6.49
8.96%	18		Adverse effects (no known exposure)
1.00%	2		Brand/generic name clarifications
10.95%	22		Dosage
1.00%	2		Dosage form/formulation
1.49%	3		Drug use during breast-feeding
24.38%	49		Drug-drug interactions
1.00%	2		Drug-food interactions
1.00%	2		Foreign drug
0.50%	1		Generic substitution
8.96%	18		Indications/therapeutic use
1.49%	3		Medication administration
0.50%	1		Medication availability
0.50%	1		Medication disposal
1.00%	2		Pharmacokinetics
2.99%	6		Pharmacology
1.99%	4		Regulatory
1.00%	2		Therapeutic drug monitoring
31.34%	63		Other
Drug ID	506	%	16.33
35.18%	178		Public - Drug sometimes involved in abuse
23.52%	119		Public - Drug not known to be abused
2.37%	12		Public - Unknown abuse potential
5.93%	30		Public - Unable to identify
2.37%	12		Health Prof - Drug sometimes involved in abuse
11.66%	59		Health Prof - Drug not known to be abused
0.79%	4		Health Prof - Unknown abuse potential
1.98%	10		Health Prof - Unable to identify
2.57%	13		Law Enfrmnt - Drug sometimes involved in abuse
2.77%	14		Law Enfrmnt - Drug not known to be abused
0.40%	2		Law Enfrmnt - Unknown abuse potential
0.99%	5		Law Enfrmnt - Unable to identify
9.29%	47		Other
Environmental Info	26	%	0.84
3.85%	1		Carbon monoxide alarm use
7.69%	2		General questions about contamination of air and/or soil
57.69%	15		Mercury thermometer cleanup
11.54%	3		Mercury (excluding thermometers) cleanup
3.85%	1		Pesticide application by a professional pest control operator
3.85%	1		Potential toxicity of chemicals in the environment
3.85%	1		Safe disposal of chemicals
7.69%	2		Other
Medical Information	11	%	0.36
63.64%	7		Diagnostic or treatment recommendations for diseases or conditions - non
9.09%	1		Explanation of disease states
27.27%	3		Other

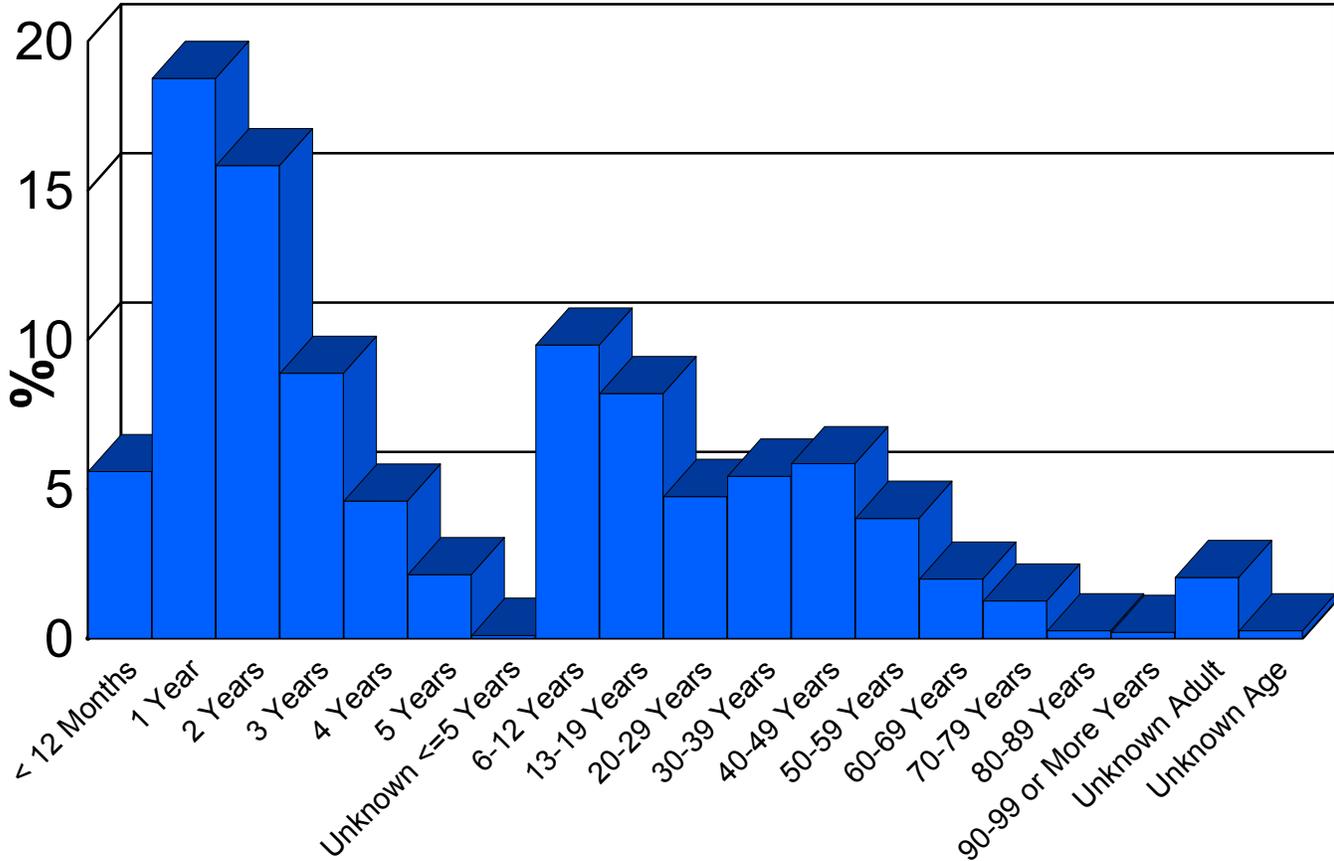
Occupational Info		1	%	0.03
100.00%	1	Other		
Poison Information		278	%	8.97
1.08%	3	Food poisoning - no known patient(s)		
6.83%	19	Food preparation/handling practices		
29.50%	82	General toxicity		
2.16%	6	Plant toxicity		
3.96%	11	Safe use of household products		
0.36%	1	Toxicology information for legal use/litigation		
56.12%	156	Other		
Prevention/Safety		14	%	0.45
35.71%	5	Confirmation of poison center number		
57.14%	8	Poison prevention material requests		
7.14%	1	Other		
Substance Abuse		2	%	0.06
50.00%	1	Drug screen information		
50.00%	1	Withdrawal from illicit substances - no known patient(s)		
Administrative		1	%	0.03
100.00%	1	Other		
Caller Referral		2	%	0.06
100.00%	2	Immediate referral - private physician		
Grand Total:		3,098	%	100.00

Patient Age & Sex Distribution by Age Groupings

< 12 Months	107	5.590%	
Male	58	54.21%	
Female	49	45.79%	
1 Year	359	18.757%	
Male	186	51.81%	
Female	173	48.19%	
2 Years	303	15.831%	
Male	158	52.15%	
Female	145	47.85%	
3 Years	170	8.882%	
Male	97	57.06%	
Female	73	42.94%	
4 Years	88	4.598%	
Male	50	56.82%	
Female	38	43.18%	
5 Years	41	2.142%	
Male	27	65.85%	
Female	14	34.15%	
Unknown <=5 Years	2	0.104%	
Male	1	50.00%	
Female	1	50.00%	
6-12 Years	188	9.822%	
Male	109	57.98%	
Female	79	42.02%	
13-19 Years	157	8.203%	
Male	69	43.95%	
Female	88	56.05%	
20-29 Years	91	4.754%	
Male	44	48.35%	
Female	47	51.65%	
30-39 Years	104	5.434%	
Male	38	36.54%	
Female	66	63.46%	
40-49 Years	112	5.852%	

	Male	38	33.93%
	Female	74	66.07%
50-59 Years		77	4.023%
	Male	24	31.17%
	Female	53	68.83%
60-69 Years		38	1.985%
	Male	10	26.32%
	Female	28	73.68%
70-79 Years		24	1.254%
	Male	7	29.17%
	Female	17	70.83%
80-89 Years		5	0.261%
	Male	1	20.00%
	Female	4	80.00%
90-99 or More Years		4	0.209%
	Male	1	25.00%
	Female	3	75.00%
Unknown Adult		39	2.038%
	Male	6	15.38%
	Female	20	51.28%
	Sex Unknown	13	33.33%
Unknown Age		5	0.261%
	Male	1	20.00%
	Female	3	60.00%
	Sex Unknown	1	20.00%
	Grand Total:	1,914	

Percentage by Age Categories



■
Percentage of Count
of @Age Categories

Patient Flow Children 5 Years and Under

			<u>Number</u>	<u>Percentage</u>
Managed on Site (non-HCF)			<u>994</u>	<u>92.90</u>
	Female	461		46.38%
	Male	533		53.62%
In/enroute to HCF			<u>39</u>	<u>3.64</u>
Treated/evaluated and released			<u>37</u>	<u>3.46</u>
	Female	14		37.84%
	Male	23		62.16%
Admitted to noncritical care unit			<u>1</u>	<u>0.09</u>
	Male	1		100.00%
N/A			<u>1</u>	<u>0.09</u>
	Female	1		100.00%
Referred to HCF			<u>36</u>	<u>3.36</u>
Treated/evaluated and released			<u>31</u>	<u>2.90</u>
	Female	14		45.16%
	Male	17		54.84%
Admitted to noncritical care unit			<u>2</u>	<u>0.19</u>
	Female	2		100.00%
Patient lost to follow-up/left AMA			<u>1</u>	<u>0.09</u>
	Female	1		100.00%
Patient REFUSED referral/NO SHOW			<u>2</u>	<u>0.19</u>
	Male	2		100.00%
Other *(code)			<u>1</u>	<u>0.09</u>
	Male	1		100.00%
			<u>1,070</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>240</u>	<u>69.57</u>
Female	103	42.92%		
Male	137	57.08%		
In/enroute to HCF			<u>79</u>	<u>22.90</u>
Treated/evaluated and released			48	13.91
Female	25	52.08%		
Male	23	47.92%		
Admitted to critical care unit			3	0.87
Female	3	100.00%		
Admitted to noncritical care unit			6	1.74
Female	4	66.67%		
Male	2	33.33%		
Admitted to psychiatric facility			19	5.51
Female	14	73.68%		
Male	5	26.32%		
Patient lost to follow-up/left AMA			2	0.58
Female	2	100.00%		
N/A			1	0.29
Male	1	100.00%		
Referred to HCF			<u>21</u>	<u>6.09</u>
Treated/evaluated and released			9	2.61
Female	7	77.78%		
Male	2	22.22%		
Admitted to psychiatric facility			6	1.74
Female	3	50.00%		
Male	3	50.00%		
Patient lost to follow-up/left AMA			1	0.29
Female	1	100.00%		
Patient REFUSED referral/NO SHOW			5	1.45
Female	3	60.00%		
Male	2	40.00%		
Other *(code)			<u>5</u>	<u>1.45</u>
Female	2	40.00%		
Male	3	60.00%		
			<u>345</u>	<u>100 %</u>

Patient Flow Adults 20 Years and Older

			<u>Number</u>	<u>Percentage</u>
Managed on Site (non-HCF)			305	61.12
Female	207	67.87%		
Male	97	31.80%		
Unknown Sex	1	0.33%		
In/enroute to HCF			138	27.66
Treated/evaluated and released			71	14.23
Female	31	43.66%		
Male	27	38.03%		
Unknown Sex	13	18.31%		
Admitted to critical care unit			29	5.81
Female	19	65.52%		
Male	10	34.48%		
Admitted to noncritical care unit			15	3.01
Female	9	60.00%		
Male	6	40.00%		
Admitted to psychiatric facility			22	4.41
Female	18	81.82%		
Male	4	18.18%		
Patient lost to follow-up/left AMA			1	0.20
Female	1	100.00%		
Referred to HCF			50	10.02
Treated/evaluated and released			19	3.81
Female	12	63.16%		
Male	7	36.84%		
Admitted to critical care unit			3	0.60
Female	2	66.67%		
Male	1	33.33%		
Admitted to noncritical care unit			3	0.60
Female	2	66.67%		
Male	1	33.33%		
Admitted to psychiatric facility			7	1.40
Female	3	42.86%		
Male	4	57.14%		
Patient lost to follow-up/left AMA			5	1.00
Female	2	40.00%		
Male	3	60.00%		
Patient REFUSED referral/NO SHOW			13	2.61
Female	8	61.54%		
Male	5	38.46%		
Other *(code)			5	1.00
Female	1	20.00%		
Male	4	80.00%		
Unknown			1	0.20
N/A			1	0.20
Male	1	100.00%		

<u>499</u>	<u>100 %</u>
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Reason for Exposure

Unintentional	87.04%	1,666
Unintentional/General	62.85%	1,203
Unintentional/Environmental	1.41%	27
Unintentional/Occupational	1.15%	22
Unintentional/Therapeutic Error	12.28%	235
Unintentional/Misuse	7.11%	136
Unintentional/Bite or Sting	1.72%	33
Unintentional/Food Poisoning	0.52%	10
Intentional	11.39%	218
Intentional/Suspected Suicide	7.84%	150
Intentional/Misuse	1.78%	34
Intentional/Abuse	1.36%	26
Intentional/Unknown	0.42%	8
Other	1.57%	30
Contamination/Tampering	0.10%	2
Malicious	0.10%	2
Adverse Reaction/Drug	0.73%	14
Adverse Reaction/Food	0.10%	2
Adverse Reaction/Other	0.37%	7
Unknown Reason	0.16%	3
Grand Total:	1,914	

Reason for Exposure by Age Category

Children 5 years and under	55.90%	1,070
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Unintentional	55.75%	1,067
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Unintentional/General	51.25%	981
Unintentional/Environmental	0.05%	1
Unintentional/Therapeutic Error	4.02%	77
Unintentional/Misuse	0.10%	2
Unintentional/Bite or Sting	0.21%	4
Unintentional/Food Poisoning	0.10%	2

Other Reason	0.16%	3
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Adverse Reaction/Drug	0.05%	1
Adverse Reaction/Other	0.10%	2

Children 6 to 19 years	18.03%	345
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Unintentional	13.01%	249
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Unintentional/General	6.84%	131
Unintentional/Environmental	0.47%	9
Unintentional/Occupational	0.21%	4
Unintentional/Therapeutic Error	2.82%	54
Unintentional/Misuse	2.19%	42
Unintentional/Bite or Sting	0.42%	8
Unintentional/Food Poisoning	0.05%	1

Intentional	4.60%	88
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Intentional/Suspected Suicide	2.66%	51
Intentional/Misuse	0.78%	15
Intentional/Abuse	1.04%	20
Intentional/Unknown	0.10%	2

Other Reason	0.42%	8
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Contamination/Tampering	0.05%	1
Malicious	0.10%	2
Adverse Reaction/Drug	0.16%	3
Adverse Reaction/Other	0.10%	2

Adults 20 years or older	25.81%	494
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Unintentional	18.03%	345
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Unintentional/General	4.60%	88
Unintentional/Environmental	0.84%	16
Unintentional/Occupational	0.94%	18
Unintentional/Therapeutic Error	5.43%	104
Unintentional/Misuse	4.75%	91
Unintentional/Bite or Sting	1.10%	21
Unintentional/Food Poisoning	0.37%	7

Intentional	6.79%	130
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Intentional/Suspected Suicide	5.17%	99
Intentional/Misuse	0.99%	19
Intentional/Abuse	0.31%	6
Intentional/Unknown	0.31%	6
Other Reason	0.99%	19
Contamination/Tampering	0.05%	1
Adverse Reaction/Drug	0.52%	10
Adverse Reaction/Food	0.10%	2
Adverse Reaction/Other	0.16%	3
Unknown Reason	0.16%	3
Unknown Age	0.26%	5
Unintentional	0.26%	5
Unintentional/General	0.16%	3
Unintentional/Environmental	0.05%	1
Unintentional/Misuse	0.05%	1

Grand Total: 1,914

Management Site Including Outcomes - All Human Exposures

		<u>Number</u>	<u>Percentage</u>	<u>% of Group</u>
Managed on site/non-HCF		1,539	80.41%	
0.06%	N/A	1	0.05%	0.06%
5.46%	No effect	84	4.39%	5.46%
4.87%	Minor effect	75	3.92%	4.87%
0.13%	Moderate effect	2	0.10%	0.13%
30.86%	Judged as nontoxic - expect no effect	475	24.82%	30.86%
57.44%	Minimal clinical effects possible	884	46.19%	57.44%
1.17%	Unrelated - probably not responsible	18	0.94%	1.17%
Managed in HCF		343	17.92%	
Treated/evaluated and released		<u>11.23%</u>	<u>215</u>	<u>62.68%</u>
25.12%	No effect	54	2.82%	15.74%
35.81%	Minor effect	77	4.02%	22.45%
11.16%	Moderate effect	24	1.25%	7.00%
2.79%	Judged as nontoxic - expect no effect	6	0.31%	1.75%
19.07%	Minimal clinical effects possible	41	2.14%	11.95%
1.86%	Unable to follow - potentially toxic exposure	4	0.21%	1.17%
4.19%	Unrelated - probably not responsible	9	0.47%	2.62%
Admitted to critical care unit		<u>1.83%</u>	<u>35</u>	<u>10.20%</u>
2.86%	No effect	1	0.05%	0.29%
34.29%	Minor effect	12	0.63%	3.50%
42.86%	Moderate effect	15	0.78%	4.37%
14.29%	Major effect	5	0.26%	1.46%
5.71%	Unrelated - probably not responsible	2	0.10%	0.58%
Admitted to noncritical care unit		<u>1.41%</u>	<u>27</u>	<u>7.87%</u>
29.63%	No effect	8	0.42%	2.33%
40.74%	Minor effect	11	0.57%	3.21%
25.93%	Moderate effect	7	0.37%	2.04%
3.70%	Unrelated - probably not responsible	1	0.05%	0.29%
Admitted to psychiatric facility		<u>2.82%</u>	<u>54</u>	<u>15.74%</u>
22.22%	No effect	12	0.63%	3.50%
53.70%	Minor effect	29	1.52%	8.45%
11.11%	Moderate effect	6	0.31%	1.75%
12.96%	Minimal clinical effects possible	7	0.37%	2.04%
Patient lost to follow-up/left AMA		<u>0.52%</u>	<u>10</u>	<u>2.92%</u>
10.00%	Moderate effect	1	0.05%	0.29%
10.00%	Judged as nontoxic - expect no effect	1	0.05%	0.29%
20.00%	Minimal clinical effects possible	2	0.10%	0.58%
50.00%	Unable to follow - potentially toxic exposure	5	0.26%	1.46%
10.00%	Unrelated - probably not responsible	1	0.05%	0.29%
N/A		<u>0.10%</u>	<u>2</u>	<u>0.58%</u>
100.00%	N/A	2	0.10%	0.58%
Other		11	0.57%	
9.09%	No effect	1	0.05%	9.09%
9.09%	Minor effect	1	0.05%	9.09%

27.27%	Judged as nontoxic - expect no effect	3	0.16%	27.27%
54.55%	Minimal clinical effects possible	6	0.31%	54.55%
Refused Referral		20	1.04%	
5.00%	No effect	1	0.05%	5.00%
5.00%	Minor effect	1	0.05%	5.00%
35.00%	Minimal clinical effects possible	7	0.37%	35.00%
55.00%	Unable to follow - potentially toxic exposure	11	0.57%	55.00%
Unknown		1	0.05%	
N/A		<u>0.05%</u>	<u>1</u>	<u>100.00%</u>
100.00%	Minimal clinical effects possible	1	0.05%	100.00%
		<u>1,914</u>	<u>100 %</u>	

Management Site by Referral Pattern Including Medical Outcomes

	<u>Number</u>	<u>%Report</u>	<u>Percent</u>
<u>Treated/evaluated and released</u>	<u>215</u>	<u>59.23</u>	
In/enroute to HCF	156	42.98	72.56%
No effect	28	1.#J%	13.02%
Minor effect	66	1.#J%	30.70%
Moderate effect	19	9.09%	8.84%
Judged as nontoxic - expect no effect	6	4.77e+305%	2.79%
Minimal clinical effects possible	29	2.03e+302%	13.49%
Unable to follow - potentially toxic exposure	2	5.00%	0.93%
Unrelated - probably not responsible	6	100.00%	2.79%
Referred to HCF	59	16.25	27.44%
No effect	26	4.75%	12.09%
Minor effect	11	27.27%	5.12%
Moderate effect	5	35.00%	2.33%
Minimal clinical effects possible	12	0.29%	5.58%
Unable to follow - potentially toxic exposure	2	0.00%	0.93%
Unrelated - probably not responsible	3	55.00%	1.40%
<u>Admitted to critical care unit</u>	<u>35</u>	<u>9.64</u>	
In/enroute to HCF	32	8.82	91.43%
No effect	1	0.00%	2.86%
Minor effect	11	54.55%	31.43%
Moderate effect	13	-7.00%	37.14%
Major effect	5	10.00%	14.29%
Unrelated - probably not responsible	2	1.38e+305%	5.71%
Referred to HCF	3	0.83	8.57%
Minor effect	1	0.00%	2.86%
Moderate effect	2	1.#J%	5.71%
<u>Admitted to noncritical care unit</u>	<u>27</u>	<u>7.44</u>	
In/enroute to HCF	22	6.06	81.48%
No effect	5	0.00%	18.52%
Minor effect	10	0.00%	37.04%
Moderate effect	7	0.63%	25.93%
Referred to HCF	5	1.38	18.52%
No effect	3	0.99%	11.11%
Minor effect	1	0.00%	3.70%
Unrelated - probably not responsible	1	0.05%	3.70%
<u>Admitted to psychiatric facility</u>	<u>54</u>	<u>14.88</u>	
In/enroute to HCF	41	11.29	75.93%
No effect	8	2.05e+302%	14.81%
Minor effect	23	0.00%	42.59%
Moderate effect	6	0.31%	11.11%
Minimal clinical effects possible	4	0.00%	7.41%
Referred to HCF	13	3.58	24.07%

No effect	4	1.#J%	7.41%
Minor effect	6	0.10%	11.11%
Minimal clinical effects possible	3	0.00%	5.56%
<u>Patient lost to follow-up/left AMA</u>	<u>10</u>	<u>2.75</u>	
In/enroute to HCF	3	0.83	30.00%
Moderate effect	1	0.00%	10.00%
Unable to follow - potentially toxic exposure	2	1.#J%	20.00%
Referred to HCF	7	1.93	70.00%
Judged as nontoxic - expect no effect	1	1.#J%	10.00%
Minimal clinical effects possible	2	10.00%	20.00%
Unable to follow - potentially toxic exposure	3	0.00%	30.00%
Unrelated - probably not responsible	1	0.00%	10.00%
<u>Patient REFUSED referral/NO SHOW</u>	<u>20</u>	<u>5.51</u>	
Referred to HCF	20	5.51	100.00%
No effect	1	0.00%	5.00%
Minor effect	1	-2.00%	5.00%
Minimal clinical effects possible	7	5.00%	35.00%
Unable to follow - potentially toxic exposure	11	55.00%	55.00%
<u>N/A</u>	<u>2</u>	<u>0.55</u>	
In/enroute to HCF	2	0.55	100.00%
N/A	2	0.00%	100.00%
	<u>363</u>	<u>100 %</u>	

Medical Outcome

Feb/14/2006

3:28:07PM

	<u>Number</u>	<u>Percentage</u>
No Effect	161	8.41 %
Minor Effect	206	10.76 %
Moderate Effect	55	2.87 %
Major Effect	5	0.26 %
Not Followed, Judged as Nontoxic Exposure	485	25.34 %
Not Followed - Minimal Clinical Effects Possible	948	49.53 %
Unable to Follow - Potentially Toxic Exposure	20	1.04 %
Unrelated Effect	31	1.62 %
Outcome NOT Coded	3	0.16 %
Total:	1,914	100 %

Visual Dotlab/WBM Software

1

Medical Outcome Definitions

No Effect: No clinical effect documented

Minor Effect: Only minor, short term symptoms developed (e.g., nausea, vomiting)

Moderate Effect: More serious or longer lasting effects (e.g., repeated vomiting that lead to dehydration and the need for treatment with intravenous fluids)

Major Effect: life-threatening symptoms or permanently disfiguring effects (e.g., a patient that required intubation and ventilation; a patient that developed permanent scarring as a result of a chemical burn, etc).

Medical Outcome by Age Group - Verified Human Exposures

	<u>Number</u>	<u>Percentage</u>	<u>Group %</u>
<u>Children 5 years and under</u>	<u>1,070</u>	<u>55.90%</u>	
No Effect	100	5.225%	9.35%
Minor Effect	44	2.299%	4.11%
Moderate Effect	4	0.209%	0.37%
Not Followed, Judged as Nontoxic Exposure	351	18.339%	32.80%
Not Followed - Minimal Clinical Effects Possible	555	28.997%	51.87%
Unrelated Effect	14	0.731%	1.31%
Outcome NOT Coded	2	0.104%	0.19%
<u>Children 6 to 19 years</u>	<u>345</u>	<u>18.03%</u>	
No Effect	28	1.463%	8.12%
Minor Effect	59	3.083%	17.10%
Moderate Effect	19	0.993%	5.51%
Not Followed, Judged as Nontoxic Exposure	75	3.918%	21.74%
Not Followed - Minimal Clinical Effects Possible	155	8.098%	44.93%
Unable to Follow - Potentially Toxic Exposure	4	0.209%	1.16%
Unrelated Effect	4	0.209%	1.16%
Outcome NOT Coded	1	0.052%	0.29%
<u>Adult 20 years or more</u>	<u>499</u>	<u>26.07%</u>	
No Effect	33	1.724%	6.61%
Minor Effect	103	5.381%	20.64%
Moderate Effect	32	1.672%	6.41%
Major Effect	5	0.261%	1.00%
Not Followed, Judged as Nontoxic Exposure	59	3.083%	11.82%
Not Followed - Minimal Clinical Effects Possible	238	12.435%	47.70%
Unable to Follow - Potentially Toxic Exposure	16	0.836%	3.21%
Unrelated Effect	13	0.679%	2.61%
Total:	<u>1,914</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

TOPICAL PREPARATIONS			83	17.0%
9.20%	45	DIAPER CARE/RASH PRODUCT		
2.04%	10	OTHER TOPICAL ANTISEPTIC		
1.43%	7	METHYL SALICYLATE		
1.02%	5	CAMPHOR		
1.02%	5	HYDROGEN PEROXIDE-3%		
0.82%	4	TOPICAL STEROID		
0.41%	2	CAMPHOR AND METHYL SALICYLATE		
0.41%	2	MINOXIDIL: TOPICAL		
0.20%	1	ACNE PREPARATION		
0.20%	1	IODINE OR IODIDE-CONTAINING ANTISEPTIC		
0.20%	1	OTHERS AGENTS		
ANALGESICS			67	13.7%
6.75%	33	IBUPROFEN		
2.66%	13	ACETAMINOPHEN: PEDIATRIC FORMULATION		
1.43%	7	ACETAMINOPHEN: ADULT FORMULATION		
0.82%	4	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
0.41%	2	OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG		
0.20%	1	ACETAMINOPHEN WITH HYDROCODONE		
0.20%	1	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
0.20%	1	ACETAMINOPHEN WITH PROPOXYPHENE		
0.20%	1	APAP/ASA: WITH OTHER INGREDIENT		
0.20%	1	ASPIRIN: ADULT FORMULATION		
0.61%	3	OTHERS AGENTS		
COLD AND COUGH PREPARATIONS			66	13.5%
3.27%	16	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
2.66%	13	OTHER DEXTROMETHORPHAN PREPARATION		
2.45%	12	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.64%	8	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.43%	7	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
1.23%	6	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
0.41%	2	EXPECT/ANTITUSSIVE WITHOUT OPIOID		
0.20%	1	ANTIHISTAMINE/DECON/PPA/WITHOUT OPIOID		
0.20%	1	APAP/ASA DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
VITAMINS			59	12.1%
5.52%	27	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
3.07%	15	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
1.23%	6	MULTI VITAMIN-TABLET: ADULT WITH IRON (NO FLUORIDE)		
0.61%	3	MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)		
0.41%	2	MULTI VITAMIN-LIQUID: CHILD WITH IRON (NO FLUORIDE)		
0.41%	2	MULTI VITAMIN-LIQUID: CHILD WITHOUT IRON OR FLUORIDE		
0.41%	2	OTHER B COMPLEX VITAMINS		

Drug Related Substances

0.20% 1 MULTI VITAMIN-TABLET: CHILD WITH FLUORIDE (NO IRON)
 0.20% 1 NIACIN (B3)

GASTROINTESTINAL PREPARATIONS

38

7.8%

3.48% 17 ANTACID: OTHER
 1.23% 6 LAXATIVE
 1.02% 5 ANTACID: SALICYLATE-CONTAINING
 1.02% 5 GASTROINTESTINAL PREP: OTHER
 0.82% 4 PROTON PUMP INHIBITOR
 0.20% 1 ANTIDIARRHEAL: LOPERAMIDE

ANTIMICROBIALS

32

6.5%

2.66% 13 ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION
 1.84% 9 ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
 1.43% 7 ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
 0.20% 1 ANTHELMINTIC: OTHER
 0.20% 1 ANTIFUNGAL: SYSTEMIC (PO, IV, IM) PREPARATION
 0.20% 1 ANTIVIRAL: SYSTEMIC (PO, IV, IM) PREPARATION

ANTIHISTAMINES

31

6.3%

2.86% 14 DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)
 2.45% 12 OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)
 1.02% 5 CIMETIDINE AND OTHER H2 ANTAGONIST

CARDIOVASCULAR DRUGS

24

4.9%

1.64% 8 ACE INHIBITOR
 1.43% 7 BETA BLOCKER (INCLUDE PROPRANOLOL)
 1.02% 5 ANTIHYPERLIPIDEMIC
 0.41% 2 ANGIOTENSIN RECEPTOR BLOCKER
 0.20% 1 ANTIHYPERTENSIVE (EXCLUDING DIURETIC)
 0.20% 1 CARDIAC GLYCOSIDE

HORMONES AND HORMONE ANTAGONISTS

14

2.9%

1.23% 6 THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)
 0.61% 3 ORAL CONTRACEPTIVE
 0.20% 1 CORTICOSTEROID
 0.20% 1 ESTROGEN (EXCLUDING DIETARY SUPPLEMENT)
 0.20% 1 ORAL HYPOGLYCEMIC: BIGUANIDE
 0.20% 1 ORAL HYPOGLYCEMIC: OTHER/UNKNOWN
 0.20% 1 SELECTIVE ESTROGEN RECEPTOR MODULATOR

ASTHMA THERAPIES

11

2.2%

1.02% 5 LEUKOTRIENE ANTAGONIST/INHIBITOR
 0.61% 3 ALBUTEROL
 0.61% 3 TERBUTALINE AND OTHER BETA-2 AGONIST

OTHERS

64

13.1%

1.23% 6 SSRI
 1.23% 6 CALCIUM AND CALCIUM SALTS
 0.61% 3 OTHER ANTIDEPRESSANT
 0.61% 3 HOMEOPATHIC

Drug Related Substances

0.61%	3	MELATONIN
0.61%	3	FLUORIDE (EXCLUDING VITAMINS, HF & MOUTHWASH)
0.61%	3	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
0.61%	3	METHYLPHENIDATE
0.41%	2	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN
0.41%	2	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)
6.13%	30	OTHERS AGENTS

489 **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

181

29.5%

5.37%	33	TOOTHPASTE WITH FLUORIDE
4.72%	29	CREAM/LOTION/MAKE-UP
3.26%	20	DEODORANT
2.28%	14	PERFUME/COLOGNE/AFTERSHAVE
2.12%	13	SOAP (BAR, HAND OR COMPLEXION)
1.95%	12	NAIL POLISH
1.79%	11	SUNTAN/SUNSCREEN
0.98%	6	BATH OIL/BUBBLE BATH
0.81%	5	NAIL POLISH REMOVER: UNKNOWN
0.81%	5	SHAMPOO
5.37%	33	OTHERS AGENTS

FOREIGN BODIES/TOYS/MISCELLANEOUS

102

16.6%

4.89%	30	DESICCANT
4.56%	28	TOY
3.58%	22	OTHER FOREIGN BODY
1.14%	7	FECES/URINE
0.98%	6	BUBBLE BLOWING SOLUTION
0.65%	4	COIN
0.49%	3	SOIL
0.16%	1	GLOW PRODUCT
0.16%	1	THERMOMETER: UNKNOWN TYPE

CLEANING SUBSTANCES (HOUSEHOLD)

97

15.8%

1.47%	9	BLEACH: HYPOCHLORITE (LIQUID & DRY)
1.47%	9	GLASS CLEANER: ISOPROPANOL
1.30%	8	DISINFECTANT: OTHER/UNKNOWN
0.98%	6	MISC. CLEANING AGENT: ALKALI
0.81%	5	CARPET/UPHOLSTERY/LEATHER/VINYL CLEANER
0.81%	5	GLASS CLEANER: AMMONIA-CONTAINING
0.81%	5	LAUNDRY DETERGENT: LIQUID
0.65%	4	AUTOMATIC DISHWASHER DETERGENT: OTHER/UNKNOWN
0.65%	4	LAUNDRY DETERGENT: GRANULAR
0.49%	3	AUTOMATIC DISHWASHER DETERGENT: LIQUID
6.35%	39	OTHERS AGENTS

PLANTS

55

9.0%

2.12%	13	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)
2.12%	13	PLANT: NON-TOXIC
1.47%	9	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC
0.98%	6	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE
0.98%	6	PLANT: DERMATITIS (NON-OXALATE)
0.81%	5	PLANT: OXALATE
0.49%	3	PLANT: OTHER TOXIC

ARTS/CRAFTS/OFFICE SUPPLIES

34

5.5%

1.95%	12	PEN/INK
0.98%	6	OTHER ARTS/CRAFTS/WRITING PRODUCT
0.81%	5	CHALK
0.49%	3	CRAYON
0.49%	3	PENCIL
0.33%	2	ARTIST PAINT, NON-WATER COLOR
0.33%	2	CLAY
0.16%	1	TYPEWRITER CORRECTION FLUID

PESTICIDES

27

4.4%

1.47%	9	OTHER INSECTICIDE
0.98%	6	INSECT REPELLENT WITH DEET
0.49%	3	UNKNOWN MOTHBALL OR MOTH REPELLENT
0.33%	2	GLYPHOSATE
0.33%	2	ORGANOPHOSPHATE
0.16%	1	CHLOROPHENOXY HERBICIDE
0.16%	1	INSECT REPELLENT WITHOUT DEET
0.16%	1	LONG-ACTING ANTICOAGULANT RODENTICIDE
0.16%	1	NAPHTHALENE MOTH REPELLENT
0.16%	1	PYRETHROID

ALCOHOLS

19

3.1%

1.63%	10	ETHANOL (NON-BEVERAGE, NON-RUBBING)
1.14%	7	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE
0.33%	2	ETHANOL (BEVERAGE)

DEODORIZERS

14

2.3%

0.65%	4	DEODORIZER: OTHER, NOT FOR PERSONAL USE
0.49%	3	AIR FRESHENER: LIQUID
0.49%	3	AIR FRESHENER: OTHER/UNKNOWN FORMULATION
0.33%	2	AIR FRESHENER: AEROSOL
0.33%	2	AIR FRESHENER: SOLID

FOOD PRODUCTS/FOOD POISONING

13

2.1%

1.14%	7	QUESTION ABOUT POSSIBLY SPOILED FOOD
0.81%	5	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT
0.16%	1	CAPSICUM/PEPPERS (FOODS)

OTHER/UNKNOWN NONDRUG SUBSTANCES

11

1.8%

1.30%	8	OTHER NON-DRUG SUBSTANCE
0.49%	3	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG

OTHERS

61

9.9%

1.30%	8	PAINT: WATER BASE (ACRYLIC, LATEX)
0.65%	4	DISC BATTERY: UNKNOWN
0.65%	4	HOUSEHOLD PLANT FOOD (GENERALLY FOR INDOOR PLANTS)
0.49%	3	GASOLINE
0.49%	3	MISC. POLISHES AND WAXES (EXCLUDING MINERAL SEAL OIL)
0.33%	2	OTHER TYPE OF AUTOMOTIVE/AIRCRAFT/BOAT PRODUCT

Non-Drug Related Substances

0.33%	2	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY
0.33%	2	OTHER/UNKNOWN ESSENTIAL OIL
0.33%	2	LUBRICATING OIL/MOTOR OIL
0.33%	2	UNKNOWN MUSHROOM
4.72%	29	OTHERS AGENTS
614		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		48	24.0%
9.50%	19 IBUPROFEN		
7.50%	15 ACETAMINOPHEN: ADULT FORMULATION		
2.00%	4 NAPROXEN		
1.00%	2 ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
1.00%	2 ACETAMINOPHEN WITH OXYCODONE		
0.50%	1 ACETAMINOPHEN WITH HYDROCODONE		
0.50%	1 ACETAMINOPHEN WITH PROPOXYPHENE		
0.50%	1 ACETAMINOPHEN: PEDIATRIC FORMULATION		
0.50%	1 APAP/ASA: WITH OTHER INGREDIENT		
0.50%	1 ASPIRIN: ADULT FORMULATION		
0.50%	1 OTHERS AGENTS		
COLD AND COUGH PREPARATIONS		21	10.5%
3.50%	7 ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
2.50%	5 ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
1.50%	3 APAP/DECON/ANTI-HISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.50%	3 OTHER DEXTROMETHORPHAN PREPARATION		
1.00%	2 APAP/DECON/ANTI-HISTAMINE/WITHOUT PPA & OPIOID		
0.50%	1 OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
ANTIHISTAMINES		18	9.0%
5.50%	11 OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
3.50%	7 DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS		17	8.5%
5.00%	10 ATYPICAL ANTIPSYCHOTIC		
1.50%	3 OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
1.00%	2 BENZODIAZEPINE		
1.00%	2 PHENOTHIAZINE		
STIMULANTS AND STREET DRUGS		15	7.5%
3.00%	6 METHYLPHENIDATE		
2.50%	5 AMPHETAMINE AND RELATED COMPOUND		
1.00%	2 MARIJUANA		
0.50%	1 COCAINE		
0.50%	1 HEROIN		

ANTIDEPRESSANTS		14	7.0%
4.00%	8 SSRI		
1.50%	3 OTHER ANTIDEPRESSANT		
0.50%	1 IMIPRAMINE		
0.50%	1 LITHIUM		
0.50%	1 TRAZODONE		
VITAMINS		10	5.0%
3.00%	6 MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
1.50%	3 MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
0.50%	1 OTHER B COMPLEX VITAMINS		
ANTICONVULSANTS		9	4.5%
2.50%	5 OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
1.00%	2 CARBAMAZEPINE		
0.50%	1 PHENYTOIN		
0.50%	1 VALPROIC ACID		
ANTIMICROBIALS		8	4.0%
2.50%	5 ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
1.00%	2 ANTIFUNGAL: SYSTEMIC (PO, IV, IM) PREPARATION		
0.50%	1 RIFAMPIN		
ASTHMA THERAPIES		7	3.5%
1.50%	3 ALBUTEROL		
1.50%	3 LEUKOTRIENE ANTAGONIST/INHIBITOR		
0.50%	1 TERBUTALINE AND OTHER BETA-2 AGONIST		
OTHERS		33	16.5%
1.50%	3 HYDROGEN PEROXIDE-3%		
1.00%	2 CLONIDINE		
1.00%	2 NASAL DECON/SYPATHOMIMETIC (EXCLUDING TETRAHYDRAZOLINE)		
1.00%	2 CORTICOSTEROID		
1.00%	2 OTHER HORMONE		
0.50%	1 LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN		
0.50%	1 ANTIHYPERTENSIVE (EXCLUDING DIURETIC)		
0.50%	1 BETA BLOCKER (INCLUDE PROPRANOLOL)		
0.50%	1 VASOPRESSOR		
0.50%	1 MELATONIN		
8.50%	17 OTHERS AGENTS		
200 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

CLEANING SUBSTANCES (HOUSEHOLD)			25	12.9%
3.09%	6	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
2.06%	4	MISC. CLEANING AGENT: CATIONIC		
1.03%	2	CARPET/UPHOLSTERY/LEATHER/VINYL CLEANER		
1.03%	2	DISINFECTANT: PINE OIL		
1.03%	2	MISC. CLEANING AGENT: ALKALI		
0.52%	1	AUTOMATIC DISHWASHER DETERGENT: GRANULAR		
0.52%	1	DISINFECTANT: OTHER/UNKNOWN		
0.52%	1	DISINFECTANT: PHENOL (EG, LYSOL)		
0.52%	1	DRAIN CLEANER: SULFURIC ACID		
0.52%	1	GLASS CLEANER: ISOPROPANOL		
2.06%	4	OTHERS AGENTS		
FOREIGN BODIES/TOYS/MISCELLANEOUS			22	11.3%
5.67%	11	TOY		
3.09%	6	OTHER FOREIGN BODY		
1.03%	2	COIN		
1.03%	2	DESICCANT		
0.52%	1	BUBBLE BLOWING SOLUTION		
COSMETICS/PERSONAL CARE PRODUCTS			16	8.2%
2.58%	5	MOUTHWASH: ETHANOL-CONTAINING		
1.03%	2	ACRYLIC NAIL ADHESIVE		
1.03%	2	DEODORANT		
1.03%	2	SHAMPOO		
1.03%	2	TOOTHPASTE WITH FLUORIDE		
0.52%	1	CREAM/LOTION/MAKE-UP		
0.52%	1	MOUTHWASH: FLUORIDE CONTAINING		
0.52%	1	SUNTAN/SUNSCREEN		
FOOD PRODUCTS/FOOD POISONING			16	8.2%
6.19%	12	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT		
1.55%	3	QUESTION ABOUT POSSIBLY SPOILED FOOD		
0.52%	1	CAPSICUM/PEPPERS (FOODS)		
ARTS/CRAFTS/OFFICE SUPPLIES			15	7.7%
4.64%	9	PEN/INK		
1.03%	2	PENCIL		
1.03%	2	TYPEWRITER CORRECTION FLUID		
0.52%	1	CHALK		
0.52%	1	OTHER ARTS/CRAFTS/WRITING PRODUCT		
ALCOHOLS			14	7.2%
5.15%	10	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
1.03%	2	ETHANOL (BEVERAGE)		
1.03%	2	ISOPROPANOL (EXCLUDING RUBBING ALCOHOLS AND CLEANING SUBSTANCES)		

Non-Drug Related Substances

ADHESIVES/GLUES			12	6.2%
5.67%	11	UNKNOWN TYPE OF ADHESIVE, GLUE, CEMENT OR PASTE		
0.52%	1	CYANOACRYLATE		
PLANTS			11	5.7%
2.58%	5	PLANT: OTHER TOXIC		
1.03%	2	PLANT: DERMATITIS (NON-OXALATE)		
1.03%	2	PLANT: OXALATE		
0.52%	1	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE		
0.52%	1	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC		
CHEMICALS			10	5.2%
1.55%	3	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)		
1.03%	2	FORMALDEHYDE/FORMALIN		
1.03%	2	OTHER ACID		
1.03%	2	OTHER CHEMICAL		
0.52%	1	NITRATE AND NITRITE (EXCLUDING MEDICATION & SUBSTANCE OF ABUSE)		
BITES AND ENVENOMATIONS			8	4.1%
1.03%	2	NON-POISONOUS SNAKE BITE		
1.03%	2	UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION		
0.52%	1	COPPERHEAD ENVENOMATION		
0.52%	1	FISH BITE/ENVENOMATION		
0.52%	1	OTHER/UNKNOWN REPTILE BITE		
0.52%	1	UNKNOWN TYPE OF SNAKE BITE		
OTHERS			45	23.2%
2.58%	5	CARBON MONOXIDE		
2.58%	5	OTHER NON-DRUG SUBSTANCE		
1.03%	2	AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL		
1.03%	2	HOUSEHOLD PLANT FOOD (GENERALLY FOR INDOOR PLANTS)		
1.03%	2	GASOLINE		
1.03%	2	INDUSTRIAL CLEANER: DISINFECTANT		
1.03%	2	PAINT: WATER BASE (ACRYLIC, LATEX)		
1.03%	2	OTHER TYPE OF SWIMMING POOL OR AQUARIUM PRODUCT		
0.52%	1	AUTOMOTIVE PRODUCT: HYDROCARBON (TRANSMISSION FLUID, POWER STEERING FLUID)		
0.52%	1	FIBERGLASS		
10.82%	21	OTHERS AGENTS		
	194	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			79	19.8%
8.77%	35	BENZODIAZEPINE		
5.76%	23	ATYPICAL ANTIPSYCHOTIC		
4.01%	16	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.50%	2	BUSPIRONE		
0.50%	2	PHENOTHIAZINE		
0.25%	1	BARBITURATE: LONG ACTING		
ANALGESICS			67	16.8%
2.76%	11	IBUPROFEN		
2.51%	10	ACETAMINOPHEN: ADULT FORMULATION		
2.26%	9	ACETAMINOPHEN WITH OTHER OPIOID		
1.50%	6	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
1.00%	4	ACETAMINOPHEN WITH OXYCODONE		
1.00%	4	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
1.00%	4	OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)		
0.75%	3	ACETAMINOPHEN WITH CODEINE		
0.75%	3	OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG		
0.75%	3	OTHER/UNKNOWN OPIOID		
2.51%	10	OTHERS AGENTS		
ANTIDEPRESSANTS			47	11.8%
5.76%	23	SSRI		
2.26%	9	OTHER ANTIDEPRESSANT		
1.75%	7	LITHIUM		
1.00%	4	TRAZODONE		
0.25%	1	AMITRIPTYLINE		
0.25%	1	CYCLIC ANTIDEPRESSANT FORMULATED WITH A PHENOTHIAZINE		
0.25%	1	MAO INHIBITOR		
0.25%	1	NORTRIPTYLINE		
CARDIOVASCULAR DRUGS			26	6.5%
1.50%	6	CALCIUM ANTAGONIST		
1.25%	5	ANGIOTENSIN RECEPTOR BLOCKER		
1.00%	4	ACE INHIBITOR		
1.00%	4	BETA BLOCKER (INCLUDE PROPRANOLOL)		
0.50%	2	ANTIHYPERLIPIDEMIC		
0.50%	2	CARDIAC GLYCOSIDE		
0.50%	2	CLONIDINE		
0.25%	1	ANTIHYPERTENSIVE (EXCLUDING DIURETIC)		
ANTIMICROBIALS			24	6.0%
4.01%	16	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
0.50%	2	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.50%	2	METRONIDAZOLE		
0.25%	1	ANTIFUNGAL: SYSTEMIC (PO, IV, IM) PREPARATION		

Drug Related Substances

0.25% 1 ANTIMALARIAL
 0.25% 1 ANTIMICROBIAL: OTHER
 0.25% 1 PIPERAZINE

ANTIHISTAMINES

19

4.8%

3.01% 12 DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)
 1.50% 6 OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)
 0.25% 1 CIMETIDINE AND OTHER H2 ANTAGONIST

COLD AND COUGH PREPARATIONS

19

4.8%

1.75% 7 APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN
 1.00% 4 ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA
 1.00% 4 OTHER DEXTROMETHORPHAN PREPARATION
 0.25% 1 ANTIHISTAMINE/DECON/CODEINE/WITHOUT PPA
 0.25% 1 ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA
 0.25% 1 ANTIHISTAMINE/DECON/OTHER OPIOID/WITHOUT PPA
 0.25% 1 APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID

ANTICONSULSANTS

18

4.5%

2.51% 10 OTHER ANTICONSULSANT (EXCLUDING BARBITURATE)
 0.75% 3 PHENYTOIN
 0.75% 3 VALPROIC ACID
 0.25% 1 CARBAMAZEPINE
 0.25% 1 PRIMIDONE

HORMONES AND HORMONE ANTAGONISTS

18

4.5%

1.25% 5 THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)
 1.00% 4 INSULIN
 0.75% 3 CORTICOSTEROID
 0.75% 3 ORAL HYPOGLYCEMIC: SULFONYLUREA
 0.25% 1 ESTROGEN (EXCLUDING DIETARY SUPPLEMENT)
 0.25% 1 ORAL HYPOGLYCEMIC: BIGUANIDE
 0.25% 1 ORAL HYPOGLYCEMIC: THIAZOLIDINEDIONE

TOPICAL PREPARATIONS

14

3.5%

2.01% 8 HYDROGEN PEROXIDE-3%
 0.50% 2 METHYL SALICYLATE
 0.50% 2 TOPICAL STEROID WITH ANTIBIOTIC
 0.25% 1 CALAMINE
 0.25% 1 IODINE OR IODIDE-CONTAINING ANTISEPTIC

OTHERS

68

17.0%

1.50% 6 PROTON PUMP INHIBITOR
 1.50% 6 OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
 1.00% 4 UNKNOWN DRUG
 0.75% 3 CARISOPRODOL (FORMULATED ALONE)
 0.75% 3 OTHER (SKELETAL) MUSCLE RELAXANT
 0.50% 2 LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN
 0.50% 2 POTASSIUM AND POTASSIUM SALTS
 0.50% 2 GASTROINTESTINAL PREP: OTHER
 0.50% 2 LAXATIVE

Drug Related Substances

0.50%	2	CYCLOBENZAPRINE
9.02%	36	OTHERS AGENTS
	<hr/>	
	399	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

CLEANING SUBSTANCES (HOUSEHOLD)

36

14.6%

6.07%	15	BLEACH: HYPOCHLORITE (LIQUID & DRY)
1.21%	3	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ALKALI
0.81%	2	AUTOMATIC DISHWASHER DETERGENT: LIQUID
0.81%	2	DISINFECTANT: OTHER/UNKNOWN
0.40%	1	AMMONIA CLEANER (ALL PURPOSE)
0.40%	1	BLEACH: BORATE
0.40%	1	DRAIN CLEANER: ALKALI
0.40%	1	GLASS CLEANER: ISOPROPNOL
0.40%	1	HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC
0.40%	1	LAUNDRY DETERGENT: LIQUID
3.24%	8	OTHERS AGENTS

COSMETICS/PERSONAL CARE PRODUCTS

27

10.9%

5.67%	14	MOUTHWASH: ETHANOL-CONTAINING
1.21%	3	CREAM/LOTION/MAKE-UP
0.81%	2	HAIR SPRAY
0.81%	2	SHAMPOO
0.40%	1	ACRYLIC NAIL ADHESIVE
0.40%	1	MOUTHWASH: NON ETHANOL-CONTAINING
0.40%	1	NAIL POLISH REMOVER: UNKNOWN
0.40%	1	NAIL PRODUCT: OTHER
0.40%	1	OTHER DENTAL CARE PRODUCT WITHOUT FLUORIDE)
0.40%	1	SOAP (BAR, HAND OR COMPLEXION)

HYDROCARBONS

25

10.1%

5.26%	13	GASOLINE
2.43%	6	FREON/OTHER PROPELLANT
0.81%	2	LUBRICATING OIL/MOTOR OIL
0.81%	2	OTHER HYDROCARBON
0.40%	1	LAMP OIL
0.40%	1	MINERAL SPIRITS/VARSOL/STODDARD SOLVENT

ALCOHOLS

23

9.3%

6.07%	15	ETHANOL (BEVERAGE)
2.43%	6	ETHANOL (NON-BEVERAGE, NON-RUBBING)
0.40%	1	ISOPROPNOL (EXCLUDING RUBBING ALCOHOLS AND CLEANING SUBSTANCES)
0.40%	1	RUBBING ALCOHOL: ISOPROPNOL-WITHOUT METHYL SALICYLATE

BITES AND ENVENOMATIONS

22

8.9%

3.24%	8	UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION
1.21%	3	BEE/WASP/HORNET BITE/ENVENOMATION
0.81%	2	NON-POISONOUS SNAKE BITE
0.40%	1	ANT/FIRE ANT BITE/ENVENOMATION
0.40%	1	BAT BITE
0.40%	1	CATERPILLAR BITE/ENVENOMATION

Non-Drug Related Substances

0.40%	1	CENTIPEDE/MILLIPEDE BITE/ENVENOMATION
0.40%	1	DOG BITE
0.40%	1	OTHER INSECT BITE/ENVENOMATION
0.40%	1	OTHER SPIDER BITE/ENVENOMATION
0.81%	2	OTHERS AGENTS

PESTICIDES

19

7.7%

3.64%	9	PYRETHROID
1.21%	3	OTHER INSECTICIDE
0.81%	2	ORGANOPHOSPHATE
0.40%	1	CHLOROPHENOXY HERBICIDE
0.40%	1	INSECT REPELLENT WITHOUT DEET
0.40%	1	ORGANOPHOSPHATE AND OTHER INSECTICIDE
0.40%	1	OTHER NON-MEDICINAL FUNGICIDE
0.40%	1	UNKNOWN MOTHBALL OR MOTH REPELLENT

FUMES/GASES/VAPORS

17

6.9%

5.67%	14	CARBON MONOXIDE
0.40%	1	CHLORAMINE GAS
0.40%	1	CHLORINE GAS
0.40%	1	METHANE AND NATURAL GAS

PLANTS

10

4.0%

2.02%	5	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)
0.81%	2	PLANT: DERMATITIS (NON-OXALATE)
0.81%	2	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC
0.40%	1	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE

CHEMICALS

9

3.6%

1.21%	3	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)
0.81%	2	OTHER CHEMICAL
0.40%	1	AMMONIA (EXCLUDING CLEANER)
0.40%	1	HYDROCHLORIC ACID
0.40%	1	NITRATE AND NITRITE (EXCLUDING MEDICATION & SUBSTANCE OF ABUSE)
0.40%	1	TOLUENE DIISOCYANATE

FOOD PRODUCTS/FOOD POISONING

9

3.6%

1.21%	3	QUESTION ABOUT POSSIBLY SPOILED FOOD
1.21%	3	SUSPECTED FOOD POISONING-UNKNOWN TYPE-PATIENT SYMPTOMATIC
0.40%	1	BACTERIAL FOOD POISONING: UNKNOWN TYPE
0.40%	1	OTHER ADVERSE REACTION TO FOOD
0.40%	1	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT

OTHERS

50

20.2%

2.02%	5	CYANOACRYLATE
1.21%	3	OTHER FOREIGN BODY
1.21%	3	INDUSTRIAL CLEANER: ALKALI
1.21%	3	PAINT: WATER BASE (ACRYLIC, LATEX)
0.81%	2	UNKNOWN TYPE OF ADHESIVE, GLUE, CEMENT OR PASTE
0.81%	2	AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL
0.81%	2	AUTOMOTIVE (AIRCRAFT/BOAT) BATTERY

Non-Drug Related Substances

0.81%	2	FERTILIZER: OTHER
0.81%	2	FIRE EXTINGUISHER
0.81%	2	THERMOMETER: UNKNOWN TYPE
9.72%	24	OTHERS AGENTS
	<u>247</u>	Grand Total

Routes of Exposure - Human Exposures

	Number	Percentage
BITE OR STING	33	1.61
DERMAL	185	9.01
INGEST	1,629	79.31
INHALATION	72	3.51
OCULAR	117	5.70
EAR(S)/OTIC	2	0.10
PARENTERAL	12	0.58
RECTAL	1	0.05
UNKNOWN ROUTE OF EXPOSURE	1	0.05
VAGINAL	2	0.10
GRAND TOTAL:	<u>2,054</u>	100%

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

Treatments Performed

DECONTAMINATION				1,608	86.68 %
Cathartic				25	1.35%
PERFORMED - PCC RECOMMENDED	24	1.29 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05 %			
Dilute/Irrigate/Wash				1,350	72.78%
PERFORMED - PCC RECOMMENDED	1,212	65.34 %			
PERFORMED - NOT RECOMMENDED (+NEED)	138	7.44 %			
Food/Snack				55	2.96%
PERFORMED - PCC RECOMMENDED	51	2.75 %			
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.22 %			
Fresh air				36	1.94%
PERFORMED - PCC RECOMMENDED	27	1.46 %			
PERFORMED - NOT RECOMMENDED (+NEED)	9	0.49 %			
Ipecac				2	0.11%
PERFORMED - NOT RECOMMENDED (? NEED)	2	0.11 %			
Lavage				7	0.38%
PERFORMED - PCC RECOMMENDED	1	0.05 %			
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.16 %			
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.16 %			
Multi-dose AC				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05 %			
Emetic, Other				9	0.49%
PERFORMED - PCC RECOMMENDED	1	0.05 %			
PERFORMED - NOT RECOMMENDED (? NEED)	8	0.43 %			
Single Dose Activated Charcoal				117	6.31%
PERFORMED - PCC RECOMMENDED	107	5.77 %			
PERFORMED - NOT RECOMMENDED (+NEED)	7	0.38 %			
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.16 %			
Whole bowel irrigation				6	0.32%
PERFORMED - PCC RECOMMENDED	6	0.32 %			
ANTIDOTAL				36	1.94%
Antivenin				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05 %			
Atropine				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05 %			
Fab Fragments				2	0.11%
PERFORMED - PCC RECOMMENDED	1	0.05 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05 %			
Flumazenil				4	0.22%
PERFORMED - PCC RECOMMENDED	1	0.05 %			
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.16 %			
Fomepizole/Antizol				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05 %			
IV NAC				2	0.11%
PERFORMED - PCC RECOMMENDED	2	0.11 %			
PO NAC				13	0.70%
PERFORMED - PCC RECOMMENDED	11	0.59 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05 %			
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.05 %			

Narcan				12	0.65%
PERFORMED - PCC RECOMMENDED	8	0.43	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.22	%		

INTENSIVE CARE				21	1.13%
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Dialysis				2	0.11%
PERFORMED - PCC RECOMMENDED	2	0.11	%		
Hemoperfusion				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
Intubation				11	0.59%
PERFORMED - PCC RECOMMENDED	6	0.32	%		
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.27	%		
Ventilator				7	0.38%
PERFORMED - PCC RECOMMENDED	4	0.22	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.16	%		

GENERAL TREATMENT				190	10.24%
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Alkalinization				3	0.16%
PERFORMED - PCC RECOMMENDED	2	0.11	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05	%		
Antibiotics				4	0.22%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.16	%		
Anticonvulsant				1	0.05%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
Antiemetics				6	0.32%
PERFORMED - PCC RECOMMENDED	2	0.11	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.16	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.05	%		
Antihistamine				19	1.02%
PERFORMED - PCC RECOMMENDED	14	0.75	%		
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.27	%		
Benzodiazepines				10	0.54%
PERFORMED - PCC RECOMMENDED	9	0.49	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05	%		
Calcium				1	0.05%
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05	%		
IV Fluids				26	1.40%
PERFORMED - PCC RECOMMENDED	13	0.70	%		
PERFORMED - NOT RECOMMENDED (+NEED)	13	0.70	%		
Glucose > 5%				2	0.11%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05	%		
Insulin				1	0.05%
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05	%		
Neuromuscular Blocker				2	0.11%
PERFORMED - PCC RECOMMENDED	1	0.05	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05	%		
Other Other Therapy				74	3.99%
PERFORMED - PCC RECOMMENDED	32	1.73	%		
PERFORMED - NOT RECOMMENDED (+NEED)	39	2.10	%		
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.16	%		
Oxygen				31	1.67%

PERFORMED - PCC RECOMMENDED	13	0.70 %		
PERFORMED - NOT RECOMMENDED (+NEED)	18	0.97 %		
Sedation (Other)			8	0.43%
PERFORMED - PCC RECOMMENDED	3	0.16 %		
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.27 %		
Vasopressors			2	0.11%
PERFORMED - PCC RECOMMENDED	1	0.05 %		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.05 %		

Grand Total: 1,855

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