

## 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).
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).
11. Medical Outcome by Age Group (Verified Human Exposures Only).
12. Incidence by Generic Substance(s) in Children 5 and Under - Top 10 Generic Categories & Top 10 Generic Substances - **Drug Related.**
13. Incidence by Generic Substance(s) in Children 5 and Under - Top 10 Generic Categories & Top 10 Generic Substances - **Non-Drug Related.**
14. Incidence by Generic Substance(s) in Children 6 to 19 Years - Top 10 Generic Categories & Top 10 Generic Substances - **Drug Related.**
15. Incidence by Generic Substance(s) in Children 6 to 19 Years - Top 10 Generic Categories & Top 10 Generic Substances - **Non-Drug Related.**
16. Incidence by Generic Substance(s) in Adults 20 Years and Older - Top 10 Generic Categories & Top 10 Generic Substances - **Drug Related.**
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.

**Counties Included in Report**

**Maryland-MD**

<b>County</b>	<b>County#/FIP</b>
<b>CHARLES</b>	<b>24017</b>

<b>Maryland-MD</b>	<b>1</b>
--------------------	----------

<b>Total Counties:</b>	<b>1</b>
------------------------	----------

## Calls by Call Type

<b>Exposures</b>	<b>945</b>	<b>%</b>	<b>65.72</b>
<b>Human Exposures</b>	<b>895</b>	<b>%</b>	<b>62.24</b>
<b>Confirmed Exposure</b>	<b>894</b>	<b>%</b>	<b>62.17</b>
<b>Confirmed Nonexposure</b>	<b>1</b>	<b>%</b>	<b>0.07</b>
<b>Animal Exposures</b>	<b>50</b>	<b>%</b>	<b>3.48</b>
<b>Confirmed Exposure</b>	<b>50</b>	<b>%</b>	<b>3.48</b>
<b>Information Calls</b>	<b>493</b>	<b>%</b>	<b>34.28</b>
<b>Drug Information</b>	<b>123</b>	<b>%</b>	<b>8.55</b>
3.25%	4		Adverse effects (no known exposure)
0.81%	1		Dietary supplement, herbal, and homeopathic
7.32%	9		Dosage
3.25%	4		Dosage form/formulation
0.81%	1		Drug use during breast-feeding
12.20%	15		Drug-drug interactions
0.81%	1		Drug-food interactions
6.50%	8		Indications/therapeutic use
0.81%	1		Pharmacokinetics
0.81%	1		Pharmacology
0.81%	1		Stability/storage
62.60%	77		Other
<b>Drug ID</b>	<b>224</b>	<b>%</b>	<b>15.58</b>
37.95%	85		Public - Drug sometimes involved in abuse
22.32%	50		Public - Drug not known to be abused
7.14%	16		Public - Unknown abuse potential
4.46%	10		Public - Unable to identify
1.79%	4		Health Prof - Drug sometimes involved in abuse
5.36%	12		Health Prof - Drug not known to be abused
0.45%	1		Health Prof - Unknown abuse potential
0.89%	2		Health Prof - Unable to identify
4.46%	10		Law Enfrmnt - Drug sometimes involved in abuse
4.91%	11		Law Enfrmnt - Drug not known to be abused
0.89%	2		Law Enfrmnt - Unable to identify
9.38%	21		Other
<b>Environmental Info</b>	<b>8</b>	<b>%</b>	<b>0.56</b>
12.50%	1		Carbon monoxide alarm use
75.00%	6		Mercury thermometer cleanup
12.50%	1		Mercury (excluding thermometers) cleanup
<b>Medical Information</b>	<b>4</b>	<b>%</b>	<b>0.28</b>
25.00%	1		Diagnostic or treatment recommendations for diseases or conditions - non-toxicology
25.00%	1		General first-aid
50.00%	2		Other
<b>Poison Information</b>	<b>118</b>	<b>%</b>	<b>8.21</b>
1.69%	2		Food poisoning - no known patient(s)
5.93%	7		Food preparation/handling practices
32.20%	38		General toxicity
4.24%	5		Plant toxicity
5.08%	6		Safe use of household products
50.85%	60		Other
<b>Prevention/Safety</b>	<b>15</b>	<b>%</b>	<b>1.04</b>
33.33%	5		Confirmation of poison center number
60.00%	9		Poison prevention material requests

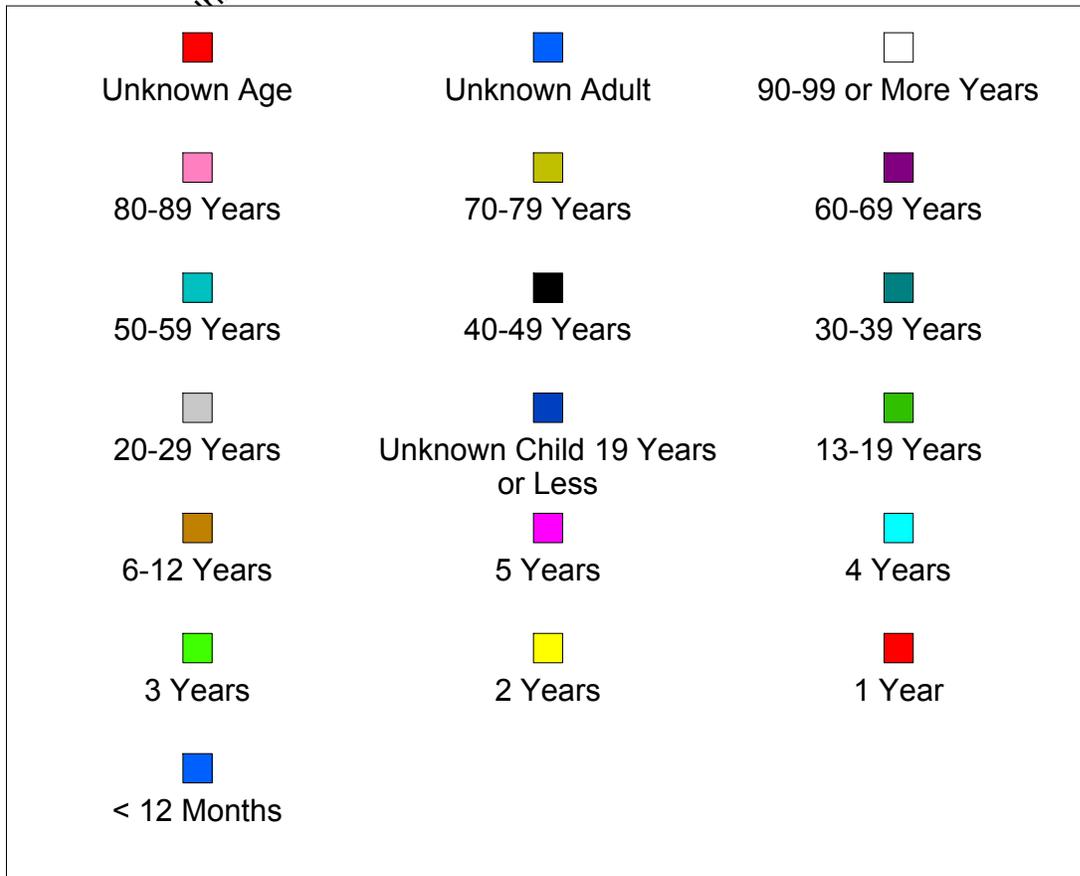
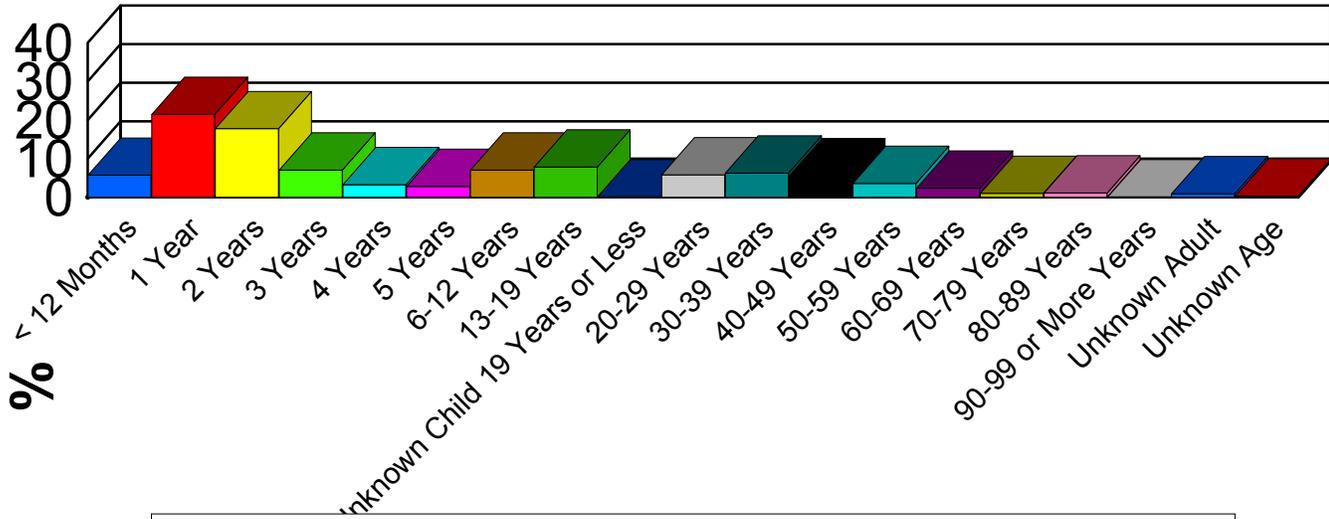
6.67%	1	Public education presentation requests		
<b>Administrative</b>			<b>1</b>	% <b>0.07</b>
100.00%	1	Other		
<b>Grand Total:</b>			<b>1,438</b>	% <b>100.00</b>

## Patient Age & Sex Distribution by Age Groupings

<b>&lt; 12 Months</b>		<b>51</b>	<b>5.698%</b>
Male		29	56.86%
Female		22	43.14%
<b>1 Year</b>		<b>192</b>	<b>21.453%</b>
Male		94	48.96%
Female		98	51.04%
<b>2 Years</b>		<b>159</b>	<b>17.765%</b>
Male		86	54.09%
Female		73	45.91%
<b>3 Years</b>		<b>63</b>	<b>7.039%</b>
Male		33	52.38%
Female		30	47.62%
<b>4 Years</b>		<b>29</b>	<b>3.240%</b>
Male		17	58.62%
Female		12	41.38%
<b>5 Years</b>		<b>25</b>	<b>2.793%</b>
Male		16	64.00%
Female		9	36.00%
<b>6-12 Years</b>		<b>63</b>	<b>7.039%</b>
Male		41	65.08%
Female		22	34.92%
<b>13-19 Years</b>		<b>70</b>	<b>7.821%</b>
Male		20	28.57%
Female		49	70.00%
Pregnant		1	1.43%
<b>Unknown Child 19 Years or Less</b>		<b>1</b>	<b>0.112%</b>
Female		1	100.00%
<b>20-29 Years</b>		<b>52</b>	<b>5.810%</b>
Male		24	46.15%
Female		27	51.92%
Pregnant		1	1.92%
<b>30-39 Years</b>		<b>56</b>	<b>6.257%</b>
Male		20	35.71%

<b>30-39 Years</b>	<b>56</b>	<b>6.257%</b>
Female	36	64.29%
<b>40-49 Years</b>	<b>50</b>	<b>5.587%</b>
Male	13	26.00%
Female	37	74.00%
<b>50-59 Years</b>	<b>32</b>	<b>3.575%</b>
Male	14	43.75%
Female	18	56.25%
<b>60-69 Years</b>	<b>21</b>	<b>2.346%</b>
Male	11	52.38%
Female	10	47.62%
<b>70-79 Years</b>	<b>9</b>	<b>1.006%</b>
Male	3	33.33%
Female	6	66.67%
<b>80-89 Years</b>	<b>10</b>	<b>1.117%</b>
Male	5	50.00%
Female	5	50.00%
<b>90-99 or More Years</b>	<b>1</b>	<b>0.112%</b>
Female	1	100.00%
<b>Unknown Adult</b>	<b>8</b>	<b>0.894%</b>
Male	3	37.50%
Female	5	62.50%
<b>Unknown Age</b>	<b>3</b>	<b>0.335%</b>
Sex Unknown	3	100.00%
<b>Grand Total:</b>	<b>895</b>	

# Percentage by Age Categories



## Patient Flow Children 5 Years and Under

			<u>Number</u>	<u>Percentage</u>
<b>Managed on Site (non-HCF)</b>			<b><u>477</u></b>	<b><u>91.91</u></b>
	Female	223	46.75%	
	Male	254	53.25%	
<b>In/enroute to HCF</b>			<b><u>25</u></b>	<b><u>4.82</u></b>
	<b>Treated/evaluated and released</b>		<b><u>24</u></b>	<b><u>4.62</u></b>
	Female	13	54.17%	
	Male	11	45.83%	
	<b>Admitted to noncritical care unit</b>		<b><u>1</u></b>	<b><u>0.19</u></b>
	Male	1	100.00%	
<b>Referred to HCF</b>			<b><u>16</u></b>	<b><u>3.08</u></b>
	<b>Treated/evaluated and released</b>		<b><u>12</u></b>	<b><u>2.31</u></b>
	Female	4	33.33%	
	Male	8	66.67%	
	<b>Admitted to critical care unit</b>		<b><u>1</u></b>	<b><u>0.19</u></b>
	Female	1	100.00%	
	<b>Patient REFUSED referral/NO SHOW</b>		<b><u>3</u></b>	<b><u>0.58</u></b>
	Female	2	66.67%	
	Male	1	33.33%	
<b>Unknown</b>			<b><u>1</u></b>	<b><u>0.19</u></b>
	<b>N/A</b>		<b><u>1</u></b>	<b><u>0.19</u></b>
	Female	1	100.00%	
			<b><u>519</u></b>	<b><u>100 %</u></b>

## Patient Flow Children 6 to 19 Years of Age

			<u>Number</u>	<u>Percentage</u>
<b>Managed on Site (non-HCF)</b>			<u>71</u>	<u>52.99</u>
Female	32	45.07%		
Male	39	54.93%		
<b>In/enroute to HCF</b>			<u>41</u>	<u>30.60</u>
<b>Treated/evaluated and released</b>			<u>32</u>	<u>23.88</u>
Female	21	65.63%		
Male	10	31.25%		
Pregnant	1	3.13%		
<b>Admitted to critical care unit</b>			<u>2</u>	<u>1.49</u>
Female	1	50.00%		
Male	1	50.00%		
<b>Admitted to noncritical care unit</b>			<u>2</u>	<u>1.49</u>
Female	2	100.00%		
<b>Admitted to psychiatric facility</b>			<u>3</u>	<u>2.24</u>
Male	3	100.00%		
<b>Patient lost to follow-up/left AMA</b>			<u>2</u>	<u>1.49</u>
Female	2	100.00%		
<b>Referred to HCF</b>			<u>16</u>	<u>11.94</u>
<b>Treated/evaluated and released</b>			<u>9</u>	<u>6.72</u>
Female	6	66.67%		
Male	3	33.33%		
<b>Admitted to critical care unit</b>			<u>1</u>	<u>0.75</u>
Female	1	100.00%		
<b>Admitted to psychiatric facility</b>			<u>3</u>	<u>2.24</u>
Female	3	100.00%		
<b>Patient lost to follow-up/left AMA</b>			<u>3</u>	<u>2.24</u>
Female	2	66.67%		
Male	1	33.33%		
<b>Other *(code)</b>			<u>6</u>	<u>4.48</u>
Female	2	33.33%		
Male	4	66.67%		
			<u>134</u>	<u>100 %</u>

## Patient Flow Adults 20 Years and Older

			<u>Number</u>	<u>Percentage</u>
<b>Managed on Site (non-HCF)</b>			<b><u>129</u></b>	<b><u>53.31</u></b>
Female	86	66.67%		
Male	42	32.56%		
Pregnant	1	0.78%		
<b>In/enroute to HCF</b>			<b><u>90</u></b>	<b><u>37.19</u></b>
<b>Treated/evaluated and released</b>			<b><u>56</u></b>	<b><u>23.14</u></b>
Female	32	57.14%		
Male	24	42.86%		
<b>Admitted to critical care unit</b>			<b><u>13</u></b>	<b><u>5.37</u></b>
Female	7	53.85%		
Male	6	46.15%		
<b>Admitted to noncritical care unit</b>			<b><u>5</u></b>	<b><u>2.07</u></b>
Female	3	60.00%		
Male	2	40.00%		
<b>Admitted to psychiatric facility</b>			<b><u>10</u></b>	<b><u>4.13</u></b>
Female	6	60.00%		
Male	4	40.00%		
<b>Patient lost to follow-up/left AMA</b>			<b><u>6</u></b>	<b><u>2.48</u></b>
Female	1	16.67%		
Male	2	33.33%		
Unknown Sex	3	50.00%		
<b>Referred to HCF</b>			<b><u>18</u></b>	<b><u>7.44</u></b>
<b>Treated/evaluated and released</b>			<b><u>9</u></b>	<b><u>3.72</u></b>
Female	3	33.33%		
Male	6	66.67%		
<b>Admitted to psychiatric facility</b>			<b><u>2</u></b>	<b><u>0.83</u></b>
Male	2	100.00%		
<b>Patient lost to follow-up/left AMA</b>			<b><u>1</u></b>	<b><u>0.41</u></b>
Male	1	100.00%		
<b>Patient REFUSED referral/NO SHOW</b>			<b><u>6</u></b>	<b><u>2.48</u></b>
Female	3	50.00%		
Male	3	50.00%		
<b>Other *(code)</b>			<b><u>4</u></b>	<b><u>1.65</u></b>
Female	3	75.00%		
Male	1	25.00%		
<b>Unknown</b>			<b><u>1</u></b>	<b><u>0.41</u></b>
<b>N/A</b>			<b><u>1</u></b>	<b><u>0.41</u></b>
Female	1	100.00%		
			<b><u>242</u></b>	<b><u>100 %</u></b>



## Reason for Exposure by Age Category

<b>Children 5 years and under</b>	<b>57.99%</b>	<b>519</b>
<b>Unintentional</b>	<b>57.99%</b>	<b>519</b>
Unintentional/General	53.97%	483
Unintentional/Therapeutic Error	3.80%	34
Unintentional/Misuse	0.22%	2
<b>Children 6 to 19 years</b>	<b>14.97%</b>	<b>134</b>
<b>Unintentional</b>	<b>9.72%</b>	<b>87</b>
Unintentional/General	5.14%	46
Unintentional/Occupational	0.22%	2
Unintentional/Therapeutic Error	2.01%	18
Unintentional/Misuse	1.68%	15
Unintentional/Bite or Sting	0.67%	6
<b>Intentional</b>	<b>4.58%</b>	<b>41</b>
Intentional/Suspected Suicide	3.80%	34
Intentional/Misuse	0.45%	4
Intentional/Abuse	0.34%	3
<b>Other Reason</b>	<b>0.67%</b>	<b>6</b>
Contamination/Tampering	0.11%	1
Malicious	0.34%	3
Adverse Reaction/Drug	0.11%	1
Adverse Reaction/Other	0.11%	1
<b>Adults 20 years or older</b>	<b>26.70%</b>	<b>239</b>
<b>Unintentional</b>	<b>18.88%</b>	<b>169</b>
Unintentional/General	4.25%	38
Unintentional/Environmental	0.45%	4
Unintentional/Occupational	1.45%	13
Unintentional/Therapeutic Error	6.82%	61
Unintentional/Misuse	3.58%	32
Unintentional/Bite or Sting	2.01%	18
Unintentional/Food Poisoning	0.34%	3
<b>Intentional</b>	<b>6.93%</b>	<b>62</b>
Intentional/Suspected Suicide	5.92%	53
Intentional/Misuse	0.34%	3
Intentional/Abuse	0.56%	5
Intentional/Unknown	0.11%	1
<b>Other Reason</b>	<b>0.89%</b>	<b>8</b>
Contamination/Tampering	0.11%	1
Adverse Reaction/Drug	0.67%	6
Adverse Reaction/Other	0.11%	1

<b>Unknown Age</b>	<b>0.34%</b>	<b>3</b>
<b>Unintentional</b>	<b>0.34%</b>	<b>3</b>
Unintentional/Occupational	0.34%	3
<b>Grand Total:</b>		<b>895</b>

## Management Site Including Outcomes - All Human Exposures

		<u>Number</u>	<u>Percentage</u>	<u>% of Group</u>
<b>Managed on site/non-HCF</b>		<b>677</b>	<b>75.64%</b>	
2.95%	No effect	20	2.23%	2.95%
5.91%	Minor effect	40	4.47%	5.91%
0.15%	Moderate effect	1	0.11%	0.15%
31.17%	Judged as nontoxic - expect no effect	211	23.58%	31.17%
59.23%	Minimal clinical effects possible	401	44.80%	59.23%
0.59%	Unrelated - probably not responsible	4	0.45%	0.59%
<b>Managed in HCF</b>		<b>197</b>	<b>22.01%</b>	
<b>Treated/evaluated and released</b>		<b><u>15.87%</u></b>	<b><u>142</u></b>	<b><u>72.08%</u></b>
23.94%	No effect	34	3.80%	17.26%
42.25%	Minor effect	60	6.70%	30.46%
9.15%	Moderate effect	13	1.45%	6.60%
2.11%	Judged as nontoxic - expect no effect	3	0.34%	1.52%
19.01%	Minimal clinical effects possible	27	3.02%	13.71%
2.82%	Unrelated - probably not responsible	4	0.45%	2.03%
0.70%	Confirmed non exposure	1	0.11%	0.51%
<b>Admitted to critical care unit</b>		<b><u>1.90%</u></b>	<b><u>17</u></b>	<b><u>8.63%</u></b>
52.94%	Minor effect	9	1.01%	4.57%
23.53%	Moderate effect	4	0.45%	2.03%
5.88%	Major effect	1	0.11%	0.51%
17.65%	Unrelated - probably not responsible	3	0.34%	1.52%
<b>Admitted to noncritical care unit</b>		<b><u>0.89%</u></b>	<b><u>8</u></b>	<b><u>4.06%</u></b>
75.00%	Minor effect	6	0.67%	3.05%
12.50%	Moderate effect	1	0.11%	0.51%
12.50%	Minimal clinical effects possible	1	0.11%	0.51%
<b>Admitted to psychiatric facility</b>		<b><u>2.01%</u></b>	<b><u>18</u></b>	<b><u>9.14%</u></b>
22.22%	No effect	4	0.45%	2.03%
61.11%	Minor effect	11	1.23%	5.58%
5.56%	Moderate effect	1	0.11%	0.51%
5.56%	Minimal clinical effects possible	1	0.11%	0.51%
5.56%	Unrelated - probably not responsible	1	0.11%	0.51%
<b>Patient lost to follow-up/left AMA</b>		<b><u>1.34%</u></b>	<b><u>12</u></b>	<b><u>6.09%</u></b>
91.67%	Minimal clinical effects possible	11	1.23%	5.58%
8.33%	Unable to follow - potentially toxic exposure	1	0.11%	0.51%
<b>Other</b>		<b>10</b>	<b>1.12%</b>	
20.00%	Judged as nontoxic - expect no effect	2	0.22%	20.00%
60.00%	Minimal clinical effects possible	6	0.67%	60.00%
20.00%	Unrelated - probably not responsible	2	0.22%	20.00%
<b>Refused Referral</b>		<b>9</b>	<b>1.01%</b>	
11.11%	No effect	1	0.11%	11.11%
11.11%	Minor effect	1	0.11%	11.11%
11.11%	Judged as nontoxic - expect no effect	1	0.11%	11.11%
44.44%	Minimal clinical effects possible	4	0.45%	44.44%

22.22%	Unable to follow - potentially toxic exposure	2	0.22%	22.22%
<b>Unknown</b>		<b>2</b>	<b>0.22%</b>	
<b>N/A</b>		<b><u>0.22%</u></b>	<b><u>2</u></b>	<b><u>100.00%</u></b>
50.00%	No effect	1	0.11%	50.00%
50.00%	Minimal clinical effects possible	1	0.11%	50.00%
		<b><u>895</u></b>	<b><u>100 %</u></b>	

## Management Site by Referral Pattern by Outcome - Human Exposures

	<u>Number</u>	<u>%Report</u>	<u>Percent Group</u>
<b>Treated/evaluated and released</b>	<b><u>142</u></b>	<b><u>68.9%</u></b>	
<b>In/enroute to HCF</b>	<b>112</b>	<b>54.4%</b>	<b>78.9%</b>
No effect	25	12.1%	22.3%
Minor effect	47	22.8%	42.0%
Moderate effect	11	5.3%	9.8%
Judged as nontoxic - expect no effect	3	1.5%	2.7%
Minimal clinical effects possible	23	11.2%	20.5%
Unrelated - probably not responsible	3	1.5%	2.7%
<b>Referred to HCF</b>	<b>30</b>	<b>14.6%</b>	<b>21.1%</b>
No effect	9	4.4%	30.0%
Minor effect	13	6.3%	43.3%
Moderate effect	2	1.0%	6.7%
Minimal clinical effects possible	4	1.9%	13.3%
Unrelated - probably not responsible	1	0.5%	3.3%
Confirmed non exposure	1	0.5%	3.3%
<b>Admitted to critical care unit</b>	<b><u>17</u></b>	<b><u>8.3%</u></b>	
<b>In/enroute to HCF</b>	<b>15</b>	<b>7.3%</b>	<b>88.2%</b>
Minor effect	8	3.9%	53.3%
Moderate effect	3	1.5%	20.0%
Major effect	1	0.5%	6.7%
Unrelated - probably not responsible	3	1.5%	20.0%
<b>Referred to HCF</b>	<b>2</b>	<b>1.0%</b>	<b>11.8%</b>
Minor effect	1	0.5%	50.0%
Moderate effect	1	0.5%	50.0%
<b>Admitted to noncritical care unit</b>	<b><u>8</u></b>	<b><u>3.9%</u></b>	
<b>In/enroute to HCF</b>	<b>8</b>	<b>3.9%</b>	<b>100.0%</b>
Minor effect	6	2.9%	75.0%
Moderate effect	1	0.5%	12.5%
Minimal clinical effects possible	1	0.5%	12.5%
<b>Admitted to psychiatric facility</b>	<b><u>18</u></b>	<b><u>8.7%</u></b>	
<b>In/enroute to HCF</b>	<b>13</b>	<b>6.3%</b>	<b>72.2%</b>
No effect	3	1.5%	23.1%
Minor effect	7	3.4%	53.8%
Moderate effect	1	0.5%	7.7%

Minimal clinical effects possible	1	0.5%	7.7%
Unrelated - probably not responsible	1	0.5%	7.7%
<b>Referred to HCF</b>	<b>5</b>	<b>2.4%</b>	<b>27.8%</b>
No effect	1	0.5%	20.0%
Minor effect	4	1.9%	80.0%
<b>Patient lost to follow-up/left AMA</b>	<b><u>12</u></b>	<b><u>5.8%</u></b>	
<b>In/enroute to HCF</b>	<b>8</b>	<b>3.9%</b>	<b>66.7%</b>
Minimal clinical effects possible	8	3.9%	100.0%
<b>Referred to HCF</b>	<b>4</b>	<b>1.9%</b>	<b>33.3%</b>
Minimal clinical effects possible	3	1.5%	75.0%
Unable to follow - potentially toxic exposure	1	0.5%	25.0%
<b>Patient REFUSED referral/NO SHOW</b>	<b><u>9</u></b>	<b><u>4.4%</u></b>	
<b>Referred to HCF</b>	<b>9</b>	<b>4.4%</b>	<b>100.0%</b>
No effect	1	0.5%	11.1%
Minor effect	1	0.5%	11.1%
Judged as nontoxic - expect no effect	1	0.5%	11.1%
Minimal clinical effects possible	4	1.9%	44.4%
Unable to follow - potentially toxic exposure	2	1.0%	22.2%
	<b><u>206</u></b>	<b><u>100 %</u></b>	

---

*Visual Dotlab/WBM Software*

## Medical Outcomes

---

	<u>Number</u>	<u>Percentag</u>
No Effect	60	6.71 %
Minor Effect	127	14.21 %
Moderate Effect	20	2.24 %
Major Effect	1	0.11 %
Not Followed, Judged as Nontoxic Exposure	217	24.27 %
Not Followed - Minimal Clinical Effects Possible	452	50.56 %
Unable to Follow - Potentially Toxic Exposure	3	0.34 %
Unrelated Effect	14	1.57 %
Total:	<u>894</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>
<b>Children 5 years and under</b>	<b><u>518</u></b>	<b><u>57.94%</u></b>	
No Effect	32	3.579%	6.18%
Minor Effect	34	3.803%	6.56%
Moderate Effect	2	0.224%	0.39%
Not Followed, Judged as Nontoxic Exposure	178	19.911%	34.36%
Not Followed - Minimal Clinical Effects Possible	268	29.978%	51.74%
Unable to Follow - Potentially Toxic Exposure	1	0.112%	0.19%
Unrelated Effect	3	0.336%	0.58%
<b>Children 6 to 19 years</b>	<b><u>134</u></b>	<b><u>14.99%</u></b>	
No Effect	18	2.013%	13.43%
Minor Effect	29	3.244%	21.64%
Moderate Effect	5	0.559%	3.73%
Not Followed, Judged as Nontoxic Exposure	15	1.678%	11.19%
Not Followed - Minimal Clinical Effects Possible	63	7.047%	47.01%
Unable to Follow - Potentially Toxic Exposure	1	0.112%	0.75%
Unrelated Effect	3	0.336%	2.24%
<b>Adult 20 years or more</b>	<b><u>242</u></b>	<b><u>27.07%</u></b>	
No Effect	10	1.119%	4.13%
Minor Effect	64	7.159%	26.45%
Moderate Effect	13	1.454%	5.37%
Major Effect	1	0.112%	0.41%
Not Followed, Judged as Nontoxic Exposure	24	2.685%	9.92%
Not Followed - Minimal Clinical Effects Possible	121	13.535%	50.00%
Unable to Follow - Potentially Toxic Exposure	1	0.112%	0.41%
Unrelated Effect	8	0.895%	3.31%
<b>Total:</b>	<b><u>894</u></b>	<b><u>100 %</u></b>	

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

**Drug Related Substances**

<b>TOPICAL PREPARATIONS</b>			<b>47</b>	<b>20.7%</b>
11.01%	25	DIAPER CARE/RASH PRODUCT		
3.52%	8	CAMPHOR		
2.20%	5	TOPICAL STEROID		
1.32%	3	HYDROGEN PEROXIDE-3%		
0.88%	2	METHYL SALICYLATE		
0.44%	1	CALAMINE		
0.44%	1	OTHER RUBEFACIENT OR LINIMENT (EXCLUDE CAMPHOR, METHYL SALICYLATE)		
0.44%	1	OTHER TOPICAL ANTISEPTIC		
0.44%	1	WART PREPARATIONS AND OTHER KERATOLYTICS		
<b>ANALGESICS</b>			<b>36</b>	<b>15.9%</b>
7.05%	16	IBUPROFEN		
2.64%	6	ACETAMINOPHEN: ADULT FORMULATION		
1.76%	4	ACETAMINOPHEN: PEDIATRIC FORMULATION		
1.32%	3	NAPROXEN		
0.88%	2	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
0.44%	1	ACETAMINOPHEN WITH CODEINE		
0.44%	1	ACETAMINOPHEN WITH HYDROCODONE		
0.44%	1	ACETAMINOPHEN WITH OXYCODONE		
0.44%	1	ASPIRIN WITH OTHER DRUG: ADULT COMBINATION FORMULATION		
0.44%	1	COX-2 INHIBITOR		
<b>COLD AND COUGH PREPARATIONS</b>			<b>34</b>	<b>15.0%</b>
6.17%	14	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
3.52%	8	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.32%	3	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
0.88%	2	ANTIHISTAMINE/DECON/CODEINE/WITHOUT PPA		
0.88%	2	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
0.44%	1	ANTIHISTAMINE/DECON/OTHER OPIOID/WITHOUT PPA		
0.44%	1	ANTIHISTAMINE/DECON/PPA/WITHOUT OPIOID		
0.44%	1	EXPECT/ANTITUSSIVE WITHOUT OPIOID		
0.44%	1	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
0.44%	1	OTHER DEXTROMETHORPHAN PREPARATION		
<b>VITAMINS</b>			<b>18</b>	<b>7.9%</b>
3.52%	8	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
2.20%	5	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
1.32%	3	OTHER B COMPLEX VITAMINS		
0.44%	1	MULTI VITAMIN-TABLET: ADULT WITH IRON (NO FLUORIDE)		
0.44%	1	MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)		
<b>GASTROINTESTINAL PREPARATIONS</b>			<b>15</b>	<b>6.6%</b>
1.76%	4	ANTACID: OTHER		

**Drug Related Substances**

1.76%	4	GASTROINTESTINAL PREP: OTHER		
1.32%	3	LAXATIVE		
1.32%	3	PROTON PUMP INHIBITOR		
0.44%	1	ANTISPASMODIC: ANTICHOLINERGIC		
<b>ANTIHISTAMINES</b>			<b>14</b>	<b>6.2%</b>
2.20%	5	CIMETIDINE AND OTHER H2 ANTAGONIST		
2.20%	5	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
1.76%	4	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
<b>CARDIOVASCULAR DRUGS</b>			<b>11</b>	<b>4.8%</b>
1.76%	4	CLONIDINE		
1.32%	3	ANTIHYPERLIPIDEMIC		
0.88%	2	BETA BLOCKER (INCLUDE PROPRANOLOL)		
0.44%	1	ACE INHIBITOR		
0.44%	1	NITROGLYCERIN		
<b>HORMONES AND HORMONE ANTAGONISTS</b>			<b>10</b>	<b>4.4%</b>
1.76%	4	ORAL CONTRACEPTIVE		
1.32%	3	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		
0.44%	1	CORTICOSTEROID		
0.44%	1	OTHER HORMONE ANTAGONIST		
0.44%	1	PROGESTIN		
<b>ANTIMICROBIALS</b>			<b>7</b>	<b>3.1%</b>
1.32%	3	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
1.32%	3	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.44%	1	ANTHELMINTIC: OTHER		
<b>ELECTROLYTES AND MINERALS</b>			<b>6</b>	<b>2.6%</b>
1.32%	3	CALCIUM AND CALCIUM SALTS		
0.44%	1	FLUORIDE (EXCLUDING VITAMINS, HF & MOUTHWASH)		
0.44%	1	IRON (EXCLUDING VITAMINS WITH IRON)		
0.44%	1	SODIUM AND SODIUM SALTS		
<b>OTHERS</b>			<b>29</b>	<b>12.8%</b>
2.20%	5	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
1.76%	4	SSRI		
0.88%	2	ALBUTEROL		
0.88%	2	OTHER SINGLE INGREDIENT BOTANICAL		
0.88%	2	BENZODIAZEPINE		
0.44%	1	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN		
0.44%	1	WARFARIN (EXCLUDING RODENTICIDES)		
0.44%	1	PHENYTOIN		
0.44%	1	LEUKOTRIENE ANTAGONIST/INHIBITOR		
0.44%	1	TERBUTALINE AND OTHER BETA-2 AGONIST		
3.96%	9	OTHERS AGENTS		
	<b>227</b>	<b>Grand Total</b>		

**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**

<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>90</b>	<b>28.7%</b>
3.50%	11	CREAM/LOTION/MAKE-UP		
3.18%	10	PERFUME/COLOGNE/AFTERSHAVE		
2.23%	7	MOUTHWASH: ETHANOL-CONTAINING		
2.23%	7	TOOTHPASTE WITH FLUORIDE		
1.91%	6	NAIL POLISH REMOVER: UNKNOWN		
1.59%	5	DEODORANT		
1.59%	5	POWDER MADE OF TALC		
1.59%	5	SOAP (BAR, HAND OR COMPLEXION)		
1.27%	4	LIPSTICK/BALM, WITHOUT CAMPHOR		
1.27%	4	NAIL POLISH		
8.28%	26	OTHERS AGENTS		
<b>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>63</b>	<b>20.1%</b>
1.91%	6	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
1.91%	6	GLASS CLEANER: ISOPROPANOL		
1.91%	6	MISC. HOUSEHOLD CLEANING AGENT: OTHER/UNKNOWN		
1.59%	5	MISC. CLEANING AGENT: ALKALI		
1.59%	5	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ALKALI		
1.27%	4	HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC		
0.96%	3	AUTOMATIC DISHWASHER DETERGENT: LIQUID		
0.96%	3	DISINFECTANT: OTHER/UNKNOWN		
0.96%	3	GLASS CLEANER: OTHER/UNKNOWN		
0.96%	3	LAUNDRY DETERGENT: LIQUID		
6.05%	19	OTHERS AGENTS		
<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>41</b>	<b>13.1%</b>
4.14%	13	DESICCANT		
2.55%	8	OTHER FOREIGN BODY		
1.91%	6	TOY		
1.27%	4	BUBBLE BLOWING SOLUTION		
0.96%	3	COIN		
0.96%	3	FECES/URINE		
0.96%	3	THERMOMETER: UNKNOWN TYPE		
0.32%	1	SOIL		
<b>PLANTS</b>			<b>20</b>	<b>6.4%</b>
2.55%	8	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)		
1.27%	4	PLANT: NON-TOXIC		
0.96%	3	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC		
0.64%	2	PLANT: DERMATITIS (NON-OXALATE)		
0.64%	2	PLANT: OXALATE		
0.32%	1	PLANT: OTHER TOXIC		
<b>PESTICIDES</b>			<b>19</b>	<b>6.1%</b>

**Non-Drug Related Substances**

1.27%	4	PYRETHROID		
0.96%	3	LONG-ACTING ANTICOAGULANT RODENTICIDE		
0.96%	3	UNKNOWN MOTHBALL OR MOTH REPELLENT		
0.64%	2	BORATE/BORIC ACID PESTICIDE		
0.64%	2	CARBAMATE ONLY (ALONE)		
0.64%	2	INSECT REPELLENT WITH DEET		
0.32%	1	INSECT REPELLENT WITHOUT DEET		
0.32%	1	ORGANOPHOSPHATE		
0.32%	1	OTHER INSECTICIDE		
<b>ARTS/CRAFTS/OFFICE SUPPLIES</b>			<b>11</b>	<b>3.5%</b>
1.91%	6	OTHER ARTS/CRAFTS/WRITING PRODUCT		
1.27%	4	PEN/INK		
0.32%	1	TYPEWRITER CORRECTION FLUID		
<b>ALCOHOLS</b>			<b>10</b>	<b>3.2%</b>
1.27%	4	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
1.27%	4	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
0.32%	1	OTHER TYPE OF ALCOHOL		
0.32%	1	RUBBING ALCOHOL: ISOPROPANOL-WITH METHYL SALICYLATE		
<b>HYDROCARBONS</b>			<b>9</b>	<b>2.9%</b>
0.64%	2	GASOLINE		
0.64%	2	KEROSENE		
0.64%	2	LUBRICATING OIL/MOTOR OIL		
0.32%	1	DIESEL FUEL		
0.32%	1	LAMP OIL		
0.32%	1	OTHER HYDROCARBON		
<b>PAINTS AND STRIPPING AGENTS</b>			<b>8</b>	<b>2.5%</b>
2.23%	7	PAINT: WATER BASE (ACRYLIC, LATEX)		
0.32%	1	STRIPPING AGENT: OTHER		
<b>DEODORIZERS</b>			<b>6</b>	<b>1.9%</b>
0.64%	2	AIR FRESHENER: OTHER/UNKNOWN FORMULATION		
0.64%	2	AIR FRESHENER: SOLID		
0.32%	1	AIR FRESHENER: LIQUID		
0.32%	1	DEODORIZER: OTHER, NOT FOR PERSONAL USE		
<b>OTHERS</b>			<b>37</b>	<b>11.8%</b>
0.96%	3	CAULKING COMPOUND AND CONSTRUCTION PUTTY		
0.64%	2	TOLUENE/XYLENE (ADHESIVES ONLY)		
0.64%	2	AUTOMOTIVE PRODUCT: HYDROCARBON (TRANSMISSION FLUID, POWER STEERING FLUID)		
0.64%	2	AUTOMOTIVE PRODUCT: OTHER GLYCOL		
0.64%	2	OTHER/UNKNOWN ESSENTIAL OIL		
0.64%	2	OTHER NON-DRUG SUBSTANCE		
0.64%	2	FURNITURE POLISH		
0.64%	2	MISC. POLISHES AND WAXES (EXCLUDING MINERAL SEAL OIL)		
0.64%	2	TOBACCO PRODUCT: UNKNOWN		
0.32%	1	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY		



**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**

<b>ANALGESICS</b>			<b>30</b>	<b>30.0%</b>
11.00%	11	ACETAMINOPHEN: ADULT FORMULATION		
8.00%	8	IBUPROFEN		
3.00%	3	NAPROXEN		
2.00%	2	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
1.00%	1	ACETAMINOPHEN WITH CODEINE		
1.00%	1	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
1.00%	1	ACETAMINOPHEN WITH PROPOXYPHENE		
1.00%	1	APAP/ASA: WITH OTHER INGREDIENT		
1.00%	1	ASPIRIN: ADULT FORMULATION		
1.00%	1	COX-2 INHIBITOR		
<b>COLD AND COUGH PREPARATIONS</b>			<b>11</b>	<b>11.0%</b>
5.00%	5	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
5.00%	5	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.00%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
<b>ANTIDEPRESSANTS</b>			<b>9</b>	<b>9.0%</b>
6.00%	6	SSRI		
2.00%	2	OTHER ANTIDEPRESSANT		
1.00%	1	AMITRIPTYLINE		
<b>STIMULANTS AND STREET DRUGS</b>			<b>9</b>	<b>9.0%</b>
4.00%	4	AMPHETAMINE AND RELATED COMPOUND		
1.00%	1	CAFFEINE		
1.00%	1	DIET AID: OTHER OTC		
1.00%	1	HALLUCINOGENIC AMPHETAMINE		
1.00%	1	MARIJUANA		
1.00%	1	METHYLPHENIDATE		
<b>CARDIOVASCULAR DRUGS</b>			<b>7</b>	<b>7.0%</b>
4.00%	4	ANTIHYPERTENSIVE (EXCLUDING DIURETIC)		
2.00%	2	CLONIDINE		
1.00%	1	CALCIUM ANTAGONIST		
<b>SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS</b>			<b>7</b>	<b>7.0%</b>
4.00%	4	ATYPICAL ANTIPSYCHOTIC		
2.00%	2	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
1.00%	1	BENZODIAZEPINE		
<b>ANTICONVULSANTS</b>			<b>5</b>	<b>5.0%</b>
3.00%	3	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
2.00%	2	VALPROIC ACID		
<b>ANTIHISTAMINES</b>			<b>5</b>	<b>5.0%</b>
4.00%	4	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		

Drug Related Substances

1.00%	1	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
<b>TOPICAL PREPARATIONS</b>			<b>5</b>	<b>5.0%</b>
2.00%	2	TOPICAL STEROID		
1.00%	1	ACNE PREPARATION		
1.00%	1	CAMPHOR		
1.00%	1	HYDROGEN PEROXIDE-3%		
<b>HORMONES AND HORMONE ANTAGONISTS</b>			<b>3</b>	<b>3.0%</b>
1.00%	1	ORAL CONTRACEPTIVE		
1.00%	1	ORAL HYPOGLYCEMIC: THIAZOLIDINEDIONE		
1.00%	1	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		
<b>OTHERS</b>			<b>9</b>	<b>9.0%</b>
2.00%	2	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
2.00%	2	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
1.00%	1	FLUORIDE (EXCLUDING VITAMINS, HF & MOUTHWASH)		
1.00%	1	GASTROINTESTINAL PREP: OTHER		
1.00%	1	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
1.00%	1	UNKNOWN DRUG		
1.00%	1	MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)		
	<b>100</b>	<b>Grand Total</b>		

**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**

<b>ARTS/CRAFTS/OFFICE SUPPLIES</b>			<b>13</b>	<b>21.7%</b>
20.00%	12	PEN/INK		
1.67%	1	TYPEWRITER CORRECTION FLUID		
<b>BITES AND ENVENOMATIONS</b>			<b>6</b>	<b>10.0%</b>
1.67%	1	CATERPILLAR BITE/ENVENOMATION		
1.67%	1	JELLYFISH AND OTHER COELENTERATE ENVENOMATION		
1.67%	1	NON-POISONOUS SNAKE BITE		
1.67%	1	OTHER INSECT BITE/ENVENOMATION		
1.67%	1	OTHER SPIDER BITE/ENVENOMATION		
1.67%	1	TICK BITE/ENVENOMATION		
<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>6</b>	<b>10.0%</b>
3.33%	2	MOUTHWASH: ETHANOL-CONTAINING		
1.67%	1	ACRYLIC NAIL ADHESIVE		
1.67%	1	DEPILATORY		
1.67%	1	HAIR SPRAY		
1.67%	1	SOAP (BAR, HAND OR COMPLEXION)		
<b>ALCOHOLS</b>			<b>4</b>	<b>6.7%</b>
3.33%	2	ETHANOL (BEVERAGE)		
3.33%	2	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>4</b>	<b>6.7%</b>
5.00%	3	TOY		
1.67%	1	THERMOMETER: UNKNOWN TYPE		
<b>OTHER/UNKNOWN NONDRUG SUBSTANCES</b>			<b>4</b>	<b>6.7%</b>
5.00%	3	OTHER NON-DRUG SUBSTANCE		
1.67%	1	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG		
<b>CHEMICALS</b>			<b>3</b>	<b>5.0%</b>
1.67%	1	ETHYLENE GLYCOL (EXCLUDING AUTOMOTIVE/AIRCRAFT/BOAT PRODUCT)		
1.67%	1	NITRATE AND NITRITE (EXCLUDING MEDICATION & SUBSTANCE OF ABUSE)		
1.67%	1	UNKNOWN CHEMICAL		
<b>PESTICIDES</b>			<b>3</b>	<b>5.0%</b>
3.33%	2	INSECT REPELLENT WITH DEET		
1.67%	1	CARBAMATE ONLY (ALONE)		
<b>SWIMMING POOL/AQUARIUM</b>			<b>3</b>	<b>5.0%</b>
3.33%	2	ALGICIDE		
1.67%	1	CHLORINE WATER/SHOCK TREATMENT		
<b>BATTERIES</b>			<b>2</b>	<b>3.3%</b>
3.33%	2	DISC BATTERY: UNKNOWN		
<b>OTHERS</b>			<b>12</b>	<b>20.0%</b>

**Non-Drug Related Substances**

---

3.33%	2	FREON/OTHER PROPELLANT
1.67%	1	DISINFECTANT: PHENOL (EG, LYSOL)
1.67%	1	LAUNDRY DETERGENT: LIQUID
1.67%	1	AIR FRESHENER: OTHER/UNKNOWN FORMULATION
1.67%	1	DEODORIZER: OTHER, NOT FOR PERSONAL USE
1.67%	1	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT
1.67%	1	CHLORAMINE GAS
1.67%	1	CHLORINE GAS
1.67%	1	INDUSTRIAL CLEANER: ALKALI
1.67%	1	UNKNOWN MUSHROOM
1.67%	1	OTHERS AGENTS

---

<b>60</b>	<b>Grand Total</b>
-----------	--------------------

---

**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**

<b>SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS</b>			<b>37</b>	<b>19.0%</b>
10.26%	20	BENZODIAZEPINE		
4.10%	8	ATYPICAL ANTIPSYCHOTIC		
4.10%	8	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.51%	1	BUSPIRONE		
<b>ANALGESICS</b>			<b>33</b>	<b>16.9%</b>
3.59%	7	IBUPROFEN		
2.05%	4	OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)		
1.54%	3	ACETAMINOPHEN WITH HYDROCODONE		
1.54%	3	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
1.54%	3	ACETAMINOPHEN WITH OXYCODONE		
1.54%	3	NAPROXEN		
1.03%	2	ACETAMINOPHEN: ADULT FORMULATION		
1.03%	2	ASPIRIN WITH OTHER DRUG: ADULT COMBINATION FORMULATION		
0.51%	1	ACETAMINOPHEN WITH CODEINE		
0.51%	1	ACETAMINOPHEN WITH OTHER OPIOID		
2.05%	4	OTHERS AGENTS		
<b>CARDIOVASCULAR DRUGS</b>			<b>23</b>	<b>11.8%</b>
2.56%	5	ANTIHYPERTENSIVE		
2.05%	4	ACE INHIBITOR		
2.05%	4	BETA BLOCKER (INCLUDE PROPRANOLOL)		
1.54%	3	ANGIOTENSIN RECEPTOR BLOCKER		
1.03%	2	CALCIUM ANTAGONIST		
1.03%	2	CLONIDINE		
0.51%	1	ALPHA BLOCKER		
0.51%	1	UNKNOWN CARDIOVASCULAR DRUG		
0.51%	1	VASODILATOR: OTHER		
<b>ANTIDEPRESSANTS</b>			<b>19</b>	<b>9.7%</b>
5.13%	10	SSRI		
2.56%	5	OTHER ANTIDEPRESSANT		
1.54%	3	TRAZODONE		
0.51%	1	DOXEPIN		
<b>ANTICONVULSANTS</b>			<b>11</b>	<b>5.6%</b>
2.56%	5	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
1.54%	3	CARBAMAZEPINE		
1.54%	3	VALPROIC ACID		
<b>HORMONES AND HORMONE ANTAGONISTS</b>			<b>10</b>	<b>5.1%</b>
1.03%	2	ORAL CONTRACEPTIVE		
1.03%	2	ORAL HYPOGLYCEMIC: SULFONYLUREA		
1.03%	2	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		
0.51%	1	CORTICOSTEROID		

**Drug Related Substances**

0.51%	1	INSULIN		
0.51%	1	ORAL HYPOGLYCEMIC: BIGUANIDE		
0.51%	1	PROGESTIN		
<b>ANTIHISTAMINES</b>			<b>7</b>	<b>3.6%</b>
2.05%	4	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
1.54%	3	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
<b>GASTROINTESTINAL PREPARATIONS</b>			<b>7</b>	<b>3.6%</b>
1.54%	3	LAXATIVE		
1.03%	2	PROTON PUMP INHIBITOR		
0.51%	1	ANTISPASMODIC: ANTICHOLINERGIC		
0.51%	1	GASTROINTESTINAL PREP: OTHER		
<b>ANTIMICROBIALS</b>			<b>5</b>	<b>2.6%</b>
1.54%	3	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
0.51%	1	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.51%	1	ANTIVIRAL: SYSTEMIC (PO, IV, IM) PREPARATION		
<b>COLD AND COUGH PREPARATIONS</b>			<b>5</b>	<b>2.6%</b>
1.03%	2	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
0.51%	1	ANTIHISTAMINE/DECON/CODEINE/WITHOUT PPA		
0.51%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
0.51%	1	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
<b>OTHERS</b>			<b>38</b>	<b>19.5%</b>
1.54%	3	OTHER ANTIPLATELET		
1.54%	3	VETERINARY DRUG WITHOUT HUMAN EQUIVALENT		
1.03%	2	TERBUTALINE AND OTHER BETA-2 AGONIST		
1.03%	2	MULTI-BOTANICAL WITHOUT MA HUAN OR CITRUS AURANTIUM		
1.03%	2	FUROSEMIDE		
1.03%	2	CONTACT LENS PRODUCT		
1.03%	2	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
1.03%	2	CARISOPRODOL (FORMULATED ALONE)		
1.03%	2	OTHER (SKELETAL) MUSCLE RELAXANT		
1.03%	2	HYDROGEN PEROXIDE-3%		
8.21%	16	OTHERS AGENTS		
	<b>195</b>	<b>Grand Total</b>		

**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**

<b>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>21</b>	<b>17.8%</b>
5.08%	6	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
1.69%	2	DRAIN CLEANER: ALKALI		
0.85%	1	AMMONIA CLEANER (ALL PURPOSE)		
0.85%	1	DISINFECTANT: OTHER/UNKNOWN		
0.85%	1	DRAIN CLEANER: OTHER/UNKNOWN		
0.85%	1	LAUNDRY DETERGENT: LIQUID		
0.85%	1	MISC. CLEANING AGENT: ACID		
0.85%	1	MISC. CLEANING AGENT: ALKALI		
0.85%	1	MISC. CLEANING AGENT: ANIONIC/NONIONIC		
0.85%	1	MISC. CLEANING AGENT: ISOPROPANOL (EXCLUDING AUTOMOTIVE PRODUCT, GLAS		
4.24%	5	OTHERS AGENTS		
<b>BITES AND ENVENOMATIONS</b>			<b>18</b>	<b>15.3%</b>
4.24%	5	UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION		
1.69%	2	BEE/WASP/HORNET BITE/ENVENOMATION		
1.69%	2	CATERPILLAR BITE/ENVENOMATION		
1.69%	2	COPPERHEAD ENVENOMATION		
1.69%	2	NON-POISONOUS SNAKE BITE		
1.69%	2	OTHER SPIDER BITE/ENVENOMATION		
0.85%	1	BLACK WIDOW SPIDER BITE/ENVENOMATION		
0.85%	1	FISH BITE/ENVENOMATION		
0.85%	1	UNKNOWN TYPE OF SNAKE BITE		
<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>13</b>	<b>11.0%</b>
2.54%	3	MOUTHWASH: ETHANOL-CONTAINING		
1.69%	2	CREAM/LOTION/MAKE-UP		
1.69%	2	SOAP (BAR, HAND OR COMPLEXION)		
0.85%	1	ACRYLIC NAIL ADHESIVE		
0.85%	1	DEPILATORY		
0.85%	1	HAIR COLORING AGENT (EXCLUDING PEROXIDE)		
0.85%	1	HAIR RELAXER: SODIUM HYDROXIDE		
0.85%	1	NAIL POLISH REMOVER: UNKNOWN		
0.85%	1	OTHER DENTAL CARE PRODUCT WITHOUT FLUORIDE)		
<b>ALCOHOLS</b>			<b>12</b>	<b>10.2%</b>
5.93%	7	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
4.24%	5	ETHANOL (BEVERAGE)		
<b>FUMES/GASES/VAPORS</b>			<b>11</b>	<b>9.3%</b>
4.24%	5	CHLORAMINE GAS		
1.69%	2	CHLORINE GAS		
1.69%	2	PROPANE AND OTHER SIMPLE ASPHYXIANT		
0.85%	1	CARBON MONOXIDE		
0.85%	1	CHLORINE GENERATED WHEN ACID MIXED WITH HYPOCHLORITE		

Non-Drug Related Substances

PESTICIDES			9	7.6%
5.93%	7	PYRETHROID		
0.85%	1	CARBAMATE FUNGICIDE		
0.85%	1	ORGANOPHOSPHATE		
HYDROCARBONS			6	5.1%
2.54%	3	GASOLINE		
0.85%	1	FREON/OTHER PROPELLANT		
0.85%	1	LUBRICATING OIL/MOTOR OIL		
0.85%	1	TOLUENE/XYLENE (EXCLUDING ADHESIVES)		
CHEMICALS			5	4.2%
0.85%	1	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)		
0.85%	1	BORATE/BORIC ACID (EXCLUDING TOPICALS AND INSECTICIDES)		
0.85%	1	HYDROCHLORIC ACID		
0.85%	1	PHENOL/CREOSOTE (EXCLUDING DISINFECTANT)		
0.85%	1	UNKNOWN CHEMICAL		
AUTOMOTIVE/AIRCRAFT/BOAT PRODUCTS			4	3.4%
2.54%	3	AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL		
0.85%	1	OTHER TYPE OF AUTOMOTIVE/AIRCRAFT/BOAT PRODUCT		
INDUSTRIAL CLEANERS			4	3.4%
1.69%	2	INDUSTRIAL CLEANER: ALKALI		
0.85%	1	INDUSTRIAL CLEANER: DISINFECTANT		
0.85%	1	INDUSTRIAL CLEANER: OTHER/UNKNOWN		
OTHERS			15	12.7%
2.54%	3	SUSPECTED FOOD POISONING-UNKNOWN TYPE-PATIENT SYMPTOMATIC		
1.69%	2	OTHER/UNKNOWN ESSENTIAL OIL		
0.85%	1	ASBESTOS		
0.85%	1	FIBERGLASS		
0.85%	1	AIR FRESHENER: LIQUID		
0.85%	1	FIRE EXTINGUISHER		
0.85%	1	CAPSICUM DEFENSE SPRAY		
0.85%	1	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG		
0.85%	1	PAINT: 'OIL-BASE		
0.85%	1	PLANT: DERMATITIS (NON-OXALATE)		
1.69%	2	OTHERS AGENTS		
	<b>118</b>	<b>Grand Total</b>		

## Routes of Exposure - Human Exposures

---

	Number	Percentage
Bite or sting	24	2.47
Dermal exposure	87	8.95
Ingestion	756	77.78
Inhalational	35	3.60
Ocular exposure	65	6.69
EAR(S)/OTIC	2	0.21
Parenteral exposure	1	0.10
RECTAL ROUTE	1	0.10
Other route of exposure	1	0.10
<b>GRAND TOTAL:</b>	<b>972</b>	<b>100%</b>

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

---

## Treatments Performed

<b>DECONTAMINATION</b>				<b>772</b>	<b>91.36 %</b>
<b>Cathartic</b>				<b>15</b>	<b>1.78%</b>
PERFORMED - PCC RECOMMENDED	13	1.54	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.24	%		
<b>Dilute/Irrigate/Wash</b>				<b>625</b>	<b>73.96%</b>
PERFORMED - PCC RECOMMENDED	549	64.97	%		
PERFORMED - NOT RECOMMENDED (+NEED)	76	8.99	%		
<b>Food/Snack</b>				<b>24</b>	<b>2.84%</b>
PERFORMED - PCC RECOMMENDED	19	2.25	%		
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.59	%		
<b>Fresh air</b>				<b>24</b>	<b>2.84%</b>
PERFORMED - PCC RECOMMENDED	19	2.25	%		
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.59	%		
<b>Ipecac</b>				<b>1</b>	<b>0.12%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.12	%		
<b>Lavage</b>				<b>8</b>	<b>0.95%</b>
PERFORMED - PCC RECOMMENDED	3	0.36	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.24	%		
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.36	%		
<b>Multi-dose AC</b>				<b>1</b>	<b>0.12%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.12	%		
<b>Emetic, Other</b>				<b>5</b>	<b>0.59%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	5	0.59	%		
<b>Single Dose Activated Charcoal</b>				<b>69</b>	<b>8.17%</b>
PERFORMED - PCC RECOMMENDED	64	7.57	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.47	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.12	%		
<b>ANTIDOTAL</b>				<b>7</b>	<b>0.83 %</b>
<b>PO NAC</b>				<b>6</b>	<b>0.71%</b>
PERFORMED - PCC RECOMMENDED	6	0.71	%		
<b>Narcan</b>				<b>1</b>	<b>0.12%</b>
PERFORMED - PCC RECOMMENDED	1	0.12	%		
<b>INTENSIVE CARE</b>				<b>1</b>	<b>0.12 %</b>
<b>Intubation</b>				<b>1</b>	<b>0.12%</b>
PERFORMED - PCC RECOMMENDED	1	0.12	%		
<b>GENERAL TREATMENT</b>				<b>65</b>	<b>7.69 %</b>
<b>Alkalinization</b>				<b>1</b>	<b>0.12%</b>
PERFORMED - PCC RECOMMENDED	1	0.12	%		
<b>Antihypertensive</b>				<b>1</b>	<b>0.12%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.12	%		
<b>Antibiotics</b>				<b>1</b>	<b>0.12%</b>
PERFORMED - PCC RECOMMENDED	1	0.12	%		
<b>Anticonvulsant</b>				<b>2</b>	<b>0.24%</b>
PERFORMED - PCC RECOMMENDED	2	0.24	%		

<b>Antiemetics</b>				<b>3</b>	<b>0.36%</b>
PERFORMED - PCC RECOMMENDED	2	0.24	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.12	%		
<b>Antihistamine</b>				<b>4</b>	<b>0.47%</b>
PERFORMED - PCC RECOMMENDED	3	0.36	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.12	%		
<b>Benzodiazepines</b>				<b>5</b>	<b>0.59%</b>
PERFORMED - PCC RECOMMENDED	3	0.36	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.24	%		
<b>Bronchodilators</b>				<b>1</b>	<b>0.12%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.12	%		
<b>IV Fluids</b>				<b>9</b>	<b>1.07%</b>
PERFORMED - PCC RECOMMENDED	7	0.83	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.24	%		
<b>Other Other Therapy</b>				<b>29</b>	<b>3.43%</b>
PERFORMED - PCC RECOMMENDED	12	1.42	%		
PERFORMED - NOT RECOMMENDED (+NEED)	16	1.89	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.12	%		
<b>Oxygen</b>				<b>9</b>	<b>1.07%</b>
PERFORMED - PCC RECOMMENDED	2	0.24	%		
PERFORMED - NOT RECOMMENDED (+NEED)	7	0.83	%		
				<b>Grand Total:</b>	<b>845</b>

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