

## 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](mailto: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).
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.

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**

**Marvland-MD**

<u>County</u>	<u>County#/FIPS</u>
<b>CALVERT</b>	<b>24009</b>

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

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

## Calls by Call Type

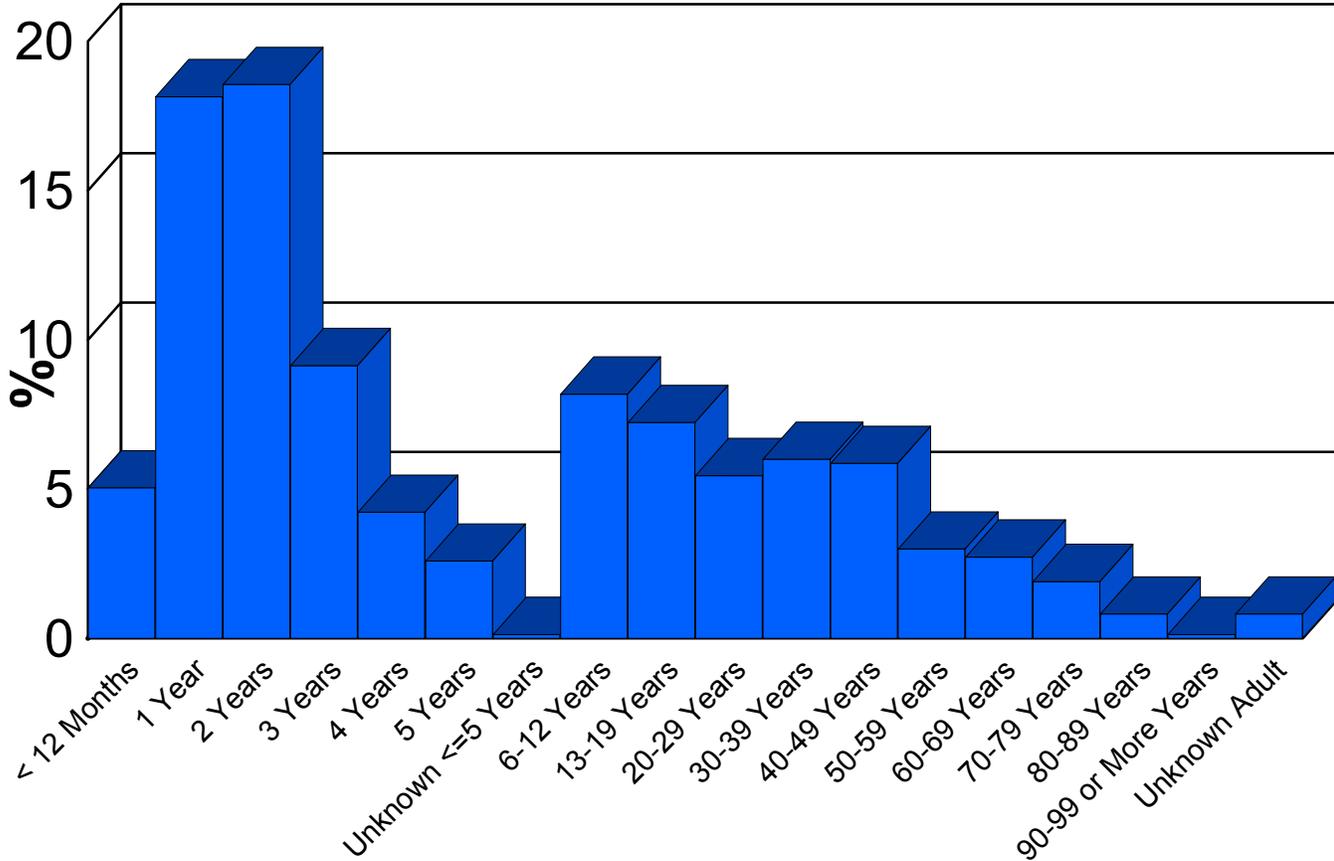
<b>Exposures</b>	<b>769</b>	<b>%</b>	<b>63.71</b>
<b>Human Exposures</b>	<b>733</b>	<b>%</b>	<b>60.73</b>
<b>Confirmed Exposure</b>	<b>733</b>	<b>%</b>	<b>60.73</b>
<b>Animal Exposures</b>	<b>36</b>	<b>%</b>	<b>2.98</b>
<b>Confirmed Exposure</b>	<b>36</b>	<b>%</b>	<b>2.98</b>
<b>Information Calls</b>	<b>438</b>	<b>%</b>	<b>36.29</b>
<b>Drug Information</b>	<b>67</b>	<b>%</b>	<b>5.55</b>
5.97%	4		Adverse effects (no known exposure)
2.99%	2		Brand/generic name clarifications
1.49%	1		Compounding
1.49%	1		Contraindications
10.45%	7		Dosage
1.49%	1		Dosage form/formulation
20.90%	14		Drug-drug interactions
1.49%	1		Drug-food interactions
1.49%	1		Foreign drug
10.45%	7		Indications/therapeutic use
4.48%	3		Medication administration
2.99%	2		Pharmacokinetics
1.49%	1		Regulatory
32.84%	22		Other
<b>Drug ID</b>	<b>297</b>	<b>%</b>	<b>24.61</b>
33.67%	100		Public - Drug sometimes involved in abuse
23.57%	70		Public - Drug not known to be abused
3.37%	10		Public - Unknown abuse potential
8.75%	26		Public - Unable to identify
1.68%	5		Health Prof - Drug sometimes involved in abuse
7.07%	21		Health Prof - Drug not known to be abused
0.34%	1		Health Prof - Unknown abuse potential
1.01%	3		Health Prof - Unable to identify
9.76%	29		Law Enfrmnt - Drug sometimes involved in abuse
4.04%	12		Law Enfrmnt - Drug not known to be abused
6.73%	20		Other
<b>Environmental Info</b>	<b>8</b>	<b>%</b>	<b>0.66</b>
100.00%	8		Mercury thermometer cleanup
<b>Medical Information</b>	<b>3</b>	<b>%</b>	<b>0.25</b>
66.67%	2		Diagnostic or treatment recommendations for diseases or conditions - non
33.33%	1		Other
<b>Poison Information</b>	<b>57</b>	<b>%</b>	<b>4.72</b>
3.51%	2		Food preparation/handling practices
45.61%	26		General toxicity
50.88%	29		Other
<b>Prevention/Safety</b>	<b>2</b>	<b>%</b>	<b>0.17</b>
50.00%	1		Confirmation of poison center number
50.00%	1		Poison prevention material requests
<b>Caller Referral</b>	<b>4</b>	<b>%</b>	<b>0.33</b>
25.00%	1		Immediate referral - drug information
25.00%	1		Immediate referral - medical advice line
50.00%	2		Immediate referral - private physician
<b>Grand Total:</b>	<b>1,207</b>	<b>%</b>	<b>100.00</b>

## Patient Age & Sex Distribution by Age Groupings

<b>&lt; 12 Months</b>	<b>37</b>	<b>5.048%</b>	
Male	20	54.05%	
Female	17	45.95%	
<b>1 Year</b>	<b>133</b>	<b>18.145%</b>	
Male	59	44.36%	
Female	74	55.64%	
<b>2 Years</b>	<b>136</b>	<b>18.554%</b>	
Male	62	45.59%	
Female	74	54.41%	
<b>3 Years</b>	<b>67</b>	<b>9.141%</b>	
Male	33	49.25%	
Female	34	50.75%	
<b>4 Years</b>	<b>31</b>	<b>4.229%</b>	
Male	17	54.84%	
Female	14	45.16%	
<b>5 Years</b>	<b>19</b>	<b>2.592%</b>	
Male	11	57.89%	
Female	8	42.11%	
<b>Unknown &lt;=5 Years</b>	<b>1</b>	<b>0.136%</b>	
Male	1	100.00%	
<b>6-12 Years</b>	<b>60</b>	<b>8.186%</b>	
Male	34	56.67%	
Female	26	43.33%	
<b>13-19 Years</b>	<b>53</b>	<b>7.231%</b>	
Male	25	47.17%	
Female	28	52.83%	
<b>20-29 Years</b>	<b>40</b>	<b>5.457%</b>	
Male	18	45.00%	
Female	21	52.50%	
Pregnant	1	2.50%	
<b>30-39 Years</b>	<b>44</b>	<b>6.003%</b>	
Male	16	36.36%	
Female	28	63.64%	
<b>40-49 Years</b>	<b>43</b>	<b>5.866%</b>	

	Male	17	39.53%
	Female	26	60.47%
<b>50-59 Years</b>		<b>22</b>	<b>3.001%</b>
	Male	7	31.82%
	Female	15	68.18%
<b>60-69 Years</b>		<b>20</b>	<b>2.729%</b>
	Male	9	45.00%
	Female	11	55.00%
<b>70-79 Years</b>		<b>14</b>	<b>1.910%</b>
	Male	8	57.14%
	Female	6	42.86%
<b>80-89 Years</b>		<b>6</b>	<b>0.819%</b>
	Male	3	50.00%
	Female	3	50.00%
<b>90-99 or More Years</b>		<b>1</b>	<b>0.136%</b>
	Male	1	100.00%
<b>Unknown Adult</b>		<b>6</b>	<b>0.819%</b>
	Male	2	33.33%
	Female	4	66.67%
	<u>Grand Total:</u>	<b>733</b>	

# Percentage by Age Categories



■  
Percentage of Count  
of @Age Categories

## Patient Flow Children 5 Years and Under

			<u>Number</u>	<u>Percentage</u>
<b>Managed on Site (non-HCF)</b>			<b><u>394</u></b>	<b><u>92.92</u></b>
	Female	207		52.54%
	Male	187		47.46%
<b>In/enroute to HCF</b>			<b><u>15</u></b>	<b><u>3.54</u></b>
<b>Treated/evaluated and released</b>			<b><u>12</u></b>	<b><u>2.83</u></b>
	Female	6		50.00%
	Male	6		50.00%
<b>Patient lost to follow-up/left AMA</b>			<b><u>3</u></b>	<b><u>0.71</u></b>
	Female	2		66.67%
	Male	1		33.33%
<b>Referred to HCF</b>			<b><u>15</u></b>	<b><u>3.54</u></b>
<b>Treated/evaluated and released</b>			<b><u>13</u></b>	<b><u>3.07</u></b>
	Female	5		38.46%
	Male	8		61.54%
<b>Patient REFUSED referral/NO SHOW</b>			<b><u>2</u></b>	<b><u>0.47</u></b>
	Female	1		50.00%
	Male	1		50.00%
			<b><u>424</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>			<b><u>68</u></b>	<b><u>60.18</u></b>
Female	33	48.53%		
Male	35	51.47%		
<b>In/enroute to HCF</b>			<b><u>27</u></b>	<b><u>23.89</u></b>
<b>Treated/evaluated and released</b>			<b>19</b>	<b>16.81</b>
Female	6	31.58%		
Male	13	68.42%		
<b>Admitted to critical care unit</b>			<b>3</b>	<b>2.65</b>
Female	2	66.67%		
Male	1	33.33%		
<b>Admitted to noncritical care unit</b>			<b>1</b>	<b>0.88</b>
Female	1	100.00%		
<b>Admitted to psychiatric facility</b>			<b>3</b>	<b>2.65</b>
Female	3	100.00%		
<b>Patient lost to follow-up/left AMA</b>			<b>1</b>	<b>0.88</b>
Male	1	100.00%		
<b>Referred to HCF</b>			<b><u>16</u></b>	<b><u>14.16</u></b>
<b>Treated/evaluated and released</b>			<b>12</b>	<b>10.62</b>
Female	6	50.00%		
Male	6	50.00%		
<b>Admitted to noncritical care unit</b>			<b>2</b>	<b>1.77</b>
Female	1	50.00%		
Male	1	50.00%		
<b>Admitted to psychiatric facility</b>			<b>1</b>	<b>0.88</b>
Female	1	100.00%		
<b>Patient REFUSED referral/NO SHOW</b>			<b>1</b>	<b>0.88</b>
Female	1	100.00%		
<b>Other *(code)</b>			<b><u>2</u></b>	<b><u>1.77</u></b>
Male	2	100.00%		
			<b><u>113</u></b>	<b><u>100 %</u></b>

**Patient Flow Adults 20 Years and Older**

			<u>Number</u>	<u>Percentage</u>
<b>Managed on Site (non-HCF)</b>			<b>112</b>	<b>57.14</b>
Female	66	58.93%		
Male	45	40.18%		
Pregnant	1	0.89%		
<b>In/enroute to HCF</b>			<b>68</b>	<b>34.69</b>
<b>Treated/evaluated and released</b>			<b>34</b>	<b>17.35</b>
Female	22	64.71%		
Male	12	35.29%		
<b>Admitted to critical care unit</b>			<b>12</b>	<b>6.12</b>
Female	4	33.33%		
Male	8	66.67%		
<b>Admitted to noncritical care unit</b>			<b>8</b>	<b>4.08</b>
Female	4	50.00%		
Male	4	50.00%		
<b>Admitted to psychiatric facility</b>			<b>12</b>	<b>6.12</b>
Female	9	75.00%		
Male	3	25.00%		
<b>Patient lost to follow-up/left AMA</b>			<b>2</b>	<b>1.02</b>
Female	2	100.00%		
<b>Referred to HCF</b>			<b>14</b>	<b>7.14</b>
<b>Treated/evaluated and released</b>			<b>8</b>	<b>4.08</b>
Female	3	37.50%		
Male	5	62.50%		
<b>Admitted to critical care unit</b>			<b>1</b>	<b>0.51</b>
Male	1	100.00%		
<b>Admitted to noncritical care unit</b>			<b>1</b>	<b>0.51</b>
Male	1	100.00%		
<b>Admitted to psychiatric facility</b>			<b>1</b>	<b>0.51</b>
Female	1	100.00%		
<b>Patient REFUSED referral/NO SHOW</b>			<b>3</b>	<b>1.53</b>
Female	2	66.67%		
Male	1	33.33%		
<b>Other *(code)</b>			<b>1</b>	<b>0.51</b>
Male	1	100.00%		
<b>Unknown</b>			<b>1</b>	<b>0.51</b>
<b>N/A</b>			<b>1</b>	<b>0.51</b>
Female	1	100.00%		
			<b>196</b>	<b>100 %</b>

## Reason for Exposure

---

<b>Unintentional</b>	<b>88.27%</b>	<b>647</b>
Unintentional/General	63.44%	465
Unintentional/Environmental	0.41%	3
Unintentional/Occupational	1.23%	9
Unintentional/Therapeutic Error	12.82%	94
Unintentional/Misuse	6.55%	48
Unintentional/Bite or Sting	3.55%	26
Unintentional/Food Poisoning	0.27%	2
<b>Intentional</b>	<b>9.41%</b>	<b>69</b>
Intentional/Suspected Suicide	5.87%	43
Intentional/Misuse	1.23%	9
Intentional/Abuse	2.05%	15
Intentional/Unknown	0.27%	2
<b>Other</b>	<b>2.32%</b>	<b>17</b>
Contamination/Tampering	0.14%	1
Malicious	0.27%	2
Adverse Reaction/Drug	1.50%	11
Adverse Reaction/Other	0.41%	3

**Grand Total: 733**

## Reason for Exposure by Age Category

<b>Children 5 years and under</b>	<b>57.84%</b>	<b>424</b>
-----------------------------------	---------------	------------

<b>Unintentional</b>	<b>57.44%</b>	<b>421</b>
----------------------	---------------	------------

Unintentional/General	52.93%	388
Unintentional/Therapeutic Error	3.96%	29
Unintentional/Bite or Sting	0.55%	4

<b>Other Reason</b>	<b>0.41%</b>	<b>3</b>
---------------------	--------------	----------

Contamination/Tampering	0.14%	1
Adverse Reaction/Drug	0.27%	2

<b>Children 6 to 19 years</b>	<b>15.42%</b>	<b>113</b>
-------------------------------	---------------	------------

<b>Unintentional</b>	<b>10.91%</b>	<b>80</b>
----------------------	---------------	-----------

Unintentional/General	5.73%	42
Unintentional/Occupational	0.27%	2
Unintentional/Therapeutic Error	3.27%	24
Unintentional/Misuse	1.09%	8
Unintentional/Bite or Sting	0.41%	3
Unintentional/Food Poisoning	0.14%	1

<b>Intentional</b>	<b>4.09%</b>	<b>30</b>
--------------------	--------------	-----------

Intentional/Suspected Suicide	2.46%	18
Intentional/Misuse	0.68%	5
Intentional/Abuse	0.82%	6
Intentional/Unknown	0.14%	1

<b>Other Reason</b>	<b>0.41%</b>	<b>3</b>
---------------------	--------------	----------

Malicious	0.27%	2
Adverse Reaction/Drug	0.14%	1

<b>Adults 20 years or older</b>	<b>26.74%</b>	<b>196</b>
---------------------------------	---------------	------------

<b>Unintentional</b>	<b>19.92%</b>	<b>146</b>
----------------------	---------------	------------

Unintentional/General	4.77%	35
Unintentional/Environmental	0.41%	3
Unintentional/Occupational	0.95%	7
Unintentional/Therapeutic Error	5.59%	41
Unintentional/Misuse	5.46%	40
Unintentional/Bite or Sting	2.59%	19
Unintentional/Food Poisoning	0.14%	1

<b>Intentional</b>	<b>5.32%</b>	<b>39</b>
--------------------	--------------	-----------

Intentional/Suspected Suicide	3.41%	25
Intentional/Misuse	0.55%	4
Intentional/Abuse	1.23%	9
Intentional/Unknown	0.14%	1

<b>Other Reason</b>	<b>1.50%</b>	<b>11</b>
---------------------	--------------	-----------

Adverse Reaction/Drug	1.09%	8
Adverse Reaction/Other	0.41%	3

**Grand Total: 733**

## 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>574</b>	<b>78.31%</b>	
4.70% No effect	27	3.68%	4.70%
5.40% Minor effect	31	4.23%	5.40%
0.35% Moderate effect	2	0.27%	0.35%
31.71% Judged as nontoxic - expect no effect	182	24.83%	31.71%
56.27% Minimal clinical effects possible	323	44.07%	56.27%
1.57% Unrelated - probably not responsible	9	1.23%	1.57%
<b>Managed in HCF</b>	<b>149</b>	<b>20.33%</b>	
<b>Treated/evaluated and released</b>	<b><u>13.37%</u></b>	<b><u>98</u></b>	<b><u>65.77%</u></b>
23.47% No effect	23	3.14%	15.44%
41.84% Minor effect	41	5.59%	27.52%
15.31% Moderate effect	15	2.05%	10.07%
3.06% Judged as nontoxic - expect no effect	3	0.41%	2.01%
12.24% Minimal clinical effects possible	12	1.64%	8.05%
4.08% Unrelated - probably not responsible	4	0.55%	2.68%
<b>Admitted to critical care unit</b>	<b><u>2.18%</u></b>	<b><u>16</u></b>	<b><u>10.74%</u></b>
31.25% Minor effect	5	0.68%	3.36%
56.25% Moderate effect	9	1.23%	6.04%
6.25% Major effect	1	0.14%	0.67%
6.25% Unrelated - probably not responsible	1	0.14%	0.67%
<b>Admitted to noncritical care unit</b>	<b><u>1.64%</u></b>	<b><u>12</u></b>	<b><u>8.05%</u></b>
8.33% No effect	1	0.14%	0.67%
66.67% Minor effect	8	1.09%	5.37%
16.67% Moderate effect	2	0.27%	1.34%
8.33% Major effect	1	0.14%	0.67%
<b>Admitted to psychiatric facility</b>	<b><u>2.32%</u></b>	<b><u>17</u></b>	<b><u>11.41%</u></b>
11.76% No effect	2	0.27%	1.34%
52.94% Minor effect	9	1.23%	6.04%
11.76% Moderate effect	2	0.27%	1.34%
5.88% Minimal clinical effects possible	1	0.14%	0.67%
17.65% Unrelated - probably not responsible	3	0.41%	2.01%
<b>Patient lost to follow-up/left AMA</b>	<b><u>0.82%</u></b>	<b><u>6</u></b>	<b><u>4.03%</u></b>
16.67% No effect	1	0.14%	0.67%
50.00% Minimal clinical effects possible	3	0.41%	2.01%
16.67% Unable to follow - potentially toxic exposure	1	0.14%	0.67%
16.67% Unrelated - probably not responsible	1	0.14%	0.67%
<b>Other</b>	<b>3</b>	<b>0.41%</b>	
33.33% Judged as nontoxic - expect no effect	1	0.14%	33.33%
66.67% Minimal clinical effects possible	2	0.27%	66.67%
<b>Refused Referral</b>	<b>6</b>	<b>0.82%</b>	
16.67% Judged as nontoxic - expect no effect	1	0.14%	16.67%
16.67% Minimal clinical effects possible	1	0.14%	16.67%
66.67% Unable to follow - potentially toxic exposure	4	0.55%	66.67%

**Unknown**

N/A

100.00% Unable to follow - potentially toxic exposure

	1	0.14%	
	<u>0.14%</u>	<u>1</u>	<u>100.00%</u>
	1	0.14%	100.00%
	<u>733</u>	<u>100 %</u>	

## Management Site by Referral Pattern Including Medical Outcomes

	<u>Number</u>	<u>%Report</u>	<u>Percent</u>
<b><u>Treated/evaluated and released</u></b>	<b><u>98</u></b>	<b><u>63.23</u></b>	
In/enroute to HCF	65	41.94	66.33%
No effect	8	0.00%	8.16%
Minor effect	30	0.14%	30.61%
Moderate effect	13	16.67%	13.27%
Judged as nontoxic - expect no effect	2	0.00%	2.04%
Minimal clinical effects possible	9	1.#J%	9.18%
Unrelated - probably not responsible	3	0.14%	3.06%
Referred to HCF	33	21.29	33.67%
No effect	15	1.#J%	15.31%
Minor effect	11	0.41%	11.22%
Moderate effect	2	-2.00%	2.04%
Judged as nontoxic - expect no effect	1	1.#J%	1.02%
Minimal clinical effects possible	3	0.00%	3.06%
Unrelated - probably not responsible	1	1.#J%	1.02%
<b><u>Admitted to critical care unit</u></b>	<b><u>16</u></b>	<b><u>10.32</u></b>	
In/enroute to HCF	15	9.68	93.75%
Minor effect	5	1.#J%	31.25%
Moderate effect	8	0.00%	50.00%
Major effect	1	1.#J%	6.25%
Unrelated - probably not responsible	1	0.00%	6.25%
Referred to HCF	1	0.65	6.25%
Moderate effect	1	0.41%	6.25%
<b><u>Admitted to noncritical care unit</u></b>	<b><u>12</u></b>	<b><u>7.74</u></b>	
In/enroute to HCF	9	5.81	75.00%
No effect	1	1.#J%	8.33%
Minor effect	6	-7.00%	50.00%
Moderate effect	1	100.00%	8.33%
Major effect	1	1.#J%	8.33%
Referred to HCF	3	1.94	25.00%
Minor effect	2	1.#J%	16.67%
Moderate effect	1	1.#J%	8.33%
<b><u>Admitted to psychiatric facility</u></b>	<b><u>17</u></b>	<b><u>10.97</u></b>	
In/enroute to HCF	15	9.68	88.24%
No effect	2	100.00%	11.76%
Minor effect	8	0.00%	47.06%
Moderate effect	2	0.00%	11.76%
Minimal clinical effects possible	1	0.41%	5.88%
Unrelated - probably not responsible	2	0.00%	11.76%
Referred to HCF	2	1.29	11.76%
Minor effect	1	0.67%	5.88%
Unrelated - probably not responsible	1	0.00%	5.88%

**Patient lost to follow-up/left AMA**

	<b><u>6</u></b>	<b><u>3.87</u></b>	
In/enroute to HCF	6	3.87	100.00%
No effect	1	1.#J%	16.67%
Minimal clinical effects possible	3	1.#J%	50.00%
Unable to follow - potentially toxic exposure	1	0.00%	16.67%
Unrelated - probably not responsible	1	1.#J%	16.67%

**Patient REFUSED referral/NO SHOW**

	<b><u>6</u></b>	<b><u>3.87</u></b>	
Referred to HCF	6	3.87	100.00%
Judged as nontoxic - expect no effect	1	1.#J%	16.67%
Minimal clinical effects possible	1	1.#J%	16.67%
Unable to follow - potentially toxic exposure	4	0.14%	66.67%
	<b><u>155</u></b>	<b><u>100 %</u></b>	

## Medical Outcome

Feb/14/2006

3:20:21PM

---

	<u>Number</u>	<u>Percentage</u>
<b>No Effect</b>	54	7.37 %
<b>Minor Effect</b>	94	12.82 %
<b>Moderate Effect</b>	30	4.09 %
<b>Major Effect</b>	2	0.27 %
<b>Not Followed, Judged as Nontoxic Exposure</b>	187	25.51 %
<b>Not Followed - Minimal Clinical Effects Possible</b>	342	46.66 %
<b>Unable to Follow - Potentially Toxic Exposure</b>	6	0.82 %
<b>Unrelated Effect</b>	18	2.46 %
<b>Total:</b>	<b>733</b>	<b>100 %</b>

---

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>
<b><u>Children 5 years and under</u></b>	<b><u>424</u></b>	<b><u>57.84%</u></b>	
No Effect	37	5.048%	8.73%
Minor Effect	21	2.865%	4.95%
Not Followed, Judged as Nontoxic Exposure	144	19.645%	33.96%
Not Followed - Minimal Clinical Effects Possible	216	29.468%	50.94%
Unable to Follow - Potentially Toxic Exposure	2	0.273%	0.47%
Unrelated Effect	4	0.546%	0.94%
<b><u>Children 6 to 19 years</u></b>	<b><u>113</u></b>	<b><u>15.42%</u></b>	
No Effect	14	1.910%	12.39%
Minor Effect	24	3.274%	21.24%
Moderate Effect	6	0.819%	5.31%
Not Followed, Judged as Nontoxic Exposure	23	3.138%	20.35%
Not Followed - Minimal Clinical Effects Possible	40	5.457%	35.40%
Unrelated Effect	6	0.819%	5.31%
<b><u>Adult 20 years or more</u></b>	<b><u>196</u></b>	<b><u>26.74%</u></b>	
No Effect	3	0.409%	1.53%
Minor Effect	49	6.685%	25.00%
Moderate Effect	24	3.274%	12.24%
Major Effect	2	0.273%	1.02%
Not Followed, Judged as Nontoxic Exposure	20	2.729%	10.20%
Not Followed - Minimal Clinical Effects Possible	86	11.733%	43.88%
Unable to Follow - Potentially Toxic Exposure	4	0.546%	2.04%
Unrelated Effect	8	1.091%	4.08%
	<b><u>Total:</u></b>	<b><u>733</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>42</b>	<b>18.8%</b>
13.45%	30	DIAPER CARE/RASH PRODUCT		
1.79%	4	METHYL SALICYLATE		
0.90%	2	CALAMINE		
0.90%	2	CAMPHOR		
0.90%	2	TOPICAL STEROID		
0.45%	1	HYDROGEN PEROXIDE-3%		
0.45%	1	OTHER TOPICAL ANTISEPTIC		
<b>ANALGESICS</b>			<b>41</b>	<b>18.4%</b>
8.07%	18	IBUPROFEN		
4.04%	9	ACETAMINOPHEN: PEDIATRIC FORMULATION		
1.79%	4	ACETAMINOPHEN: ADULT FORMULATION		
0.90%	2	ASPIRIN: ADULT FORMULATION		
0.90%	2	OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG		
0.45%	1	ACETAMINOPHEN WITH CODEINE		
0.45%	1	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
0.45%	1	ACETAMINOPHEN WITH OXYCODONE		
0.45%	1	ACETAMINOPHEN WITH PROPOXYPHENE		
0.45%	1	APAP/ASA: WITH OTHER INGREDIENT		
0.45%	1	OTHERS AGENTS		
<b>VITAMINS</b>			<b>25</b>	<b>11.2%</b>
3.59%	8	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
3.14%	7	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
1.35%	3	OTHER B COMPLEX VITAMINS		
0.90%	2	MULTI VITAMIN-TABLET: ADULT WITH IRON (NO FLUORIDE)		
0.90%	2	MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)		
0.45%	1	MULTI VITAMIN-LIQUID: ADULT WITH IRON (NO FLUORIDE)		
0.45%	1	MULTI VITAMIN-LIQUID: CHILD WITH FLUORIDE (NO IRON)		
0.45%	1	VITAMIN E		
<b>GASTROINTESTINAL PREPARATIONS</b>			<b>23</b>	<b>10.3%</b>
4.93%	11	ANTACID: OTHER		
1.79%	4	PROTON PUMP INHIBITOR		
1.35%	3	GASTROINTESTINAL PREP: OTHER		
1.35%	3	LAXATIVE		
0.90%	2	ANTACID: SALICYLATE-CONTAINING		
<b>COLD AND COUGH PREPARATIONS</b>			<b>20</b>	<b>9.0%</b>
3.59%	8	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
1.79%	4	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
0.90%	2	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
0.90%	2	OTHER DEXTROMETHORPHAN PREPARATION		
0.45%	1	ANTIHISTAMINE/DECON/PPA/WITHOUT OPIOID		

Drug Related Substances

0.45%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID
0.45%	1	ASA/DECON/ANTIHISTAMINE/DEXTROMETHORPHAN/WITHOUT PPA
0.45%	1	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)

**ANTIMICROBIALS**

13

5.8%

3.14%	7	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION
1.35%	3	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
0.90%	2	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
0.45%	1	ANTIVIRAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION

**ANTIHISTAMINES**

11

4.9%

2.69%	6	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)
1.35%	3	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)
0.90%	2	CIMETIDINE AND OTHER H2 ANTAGONIST

**HORMONES AND HORMONE ANTAGONISTS**

10

4.5%

1.35%	3	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)
0.90%	2	CORTICOSTEROID
0.90%	2	ORAL HYPOGLYCEMIC: THIAZOLIDINEDIONE
0.45%	1	ESTROGEN (EXCLUDING DIETARY SUPPLEMENT)
0.45%	1	ORAL CONTRACEPTIVE
0.45%	1	ORAL HYPOGLYCEMIC: BIGUANIDE

**ELECTROLYTES AND MINERALS**

8

3.6%

2.69%	6	FLUORIDE (EXCLUDING VITAMINS, HF & MOUTHWASH)
0.45%	1	CALCIUM AND CALCIUM SALTS
0.45%	1	IRON (EXCLUDING VITAMINS WITH IRON)

**CARDIOVASCULAR DRUGS**

6

2.7%

1.35%	3	ANTIHYPERTENSIVE
0.90%	2	BETA BLOCKER (INCLUDE PROPRANOLOL)
0.45%	1	CALCIUM ANTAGONIST

**OTHERS**

24

10.8%

1.79%	4	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
1.79%	4	AMPHETAMINE AND RELATED COMPOUND
0.90%	2	OTHER (SKELETAL) MUSCLE RELAXANT
0.45%	1	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)
0.45%	1	SSRI
0.45%	1	LEUKOTRIENE ANTAGONIST/INHIBITOR
0.45%	1	TERBUTALINE AND OTHER BETA-2 AGONIST
0.45%	1	ECHINACEA
0.45%	1	GLUCOSAMINE (WITH OR WITHOUT CONDROITIN)
0.45%	1	HOMEOPATHIC
3.14%	7	OTHERS AGENTS

223

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**

<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>52</b>	<b>24.4%</b>
4.23%	9	CREAM/LOTION/MAKE-UP		
3.76%	8	TOOTHPASTE WITH FLUORIDE		
3.29%	7	SUNTAN/SUNSCREEN		
2.82%	6	SOAP (BAR, HAND OR COMPLEXION)		
2.35%	5	DEODORANT		
1.41%	3	NAIL POLISH REMOVER: UNKNOWN		
1.41%	3	PERFUME/COLOGNE/AFTERSHAVE		
0.94%	2	BABY OIL		
0.94%	2	BATH OIL/BUBBLE BATH		
0.47%	1	EYE PRODUCT		
2.82%	6	OTHERS AGENTS		
<b>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>35</b>	<b>16.4%</b>
3.29%	7	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
0.94%	2	AUTOMATIC DISHWASHER DETERGENT: LIQUID		
0.94%	2	CARPET/UPHOLSTERY/LEATHER/VINYL CLEANER		
0.94%	2	CLEANSER: OTHER/UNKNOWN		
0.94%	2	HAND DISHWASHING DETERGENT: OTHER/UNKNOWN		
0.94%	2	LAUNDRY DETERGENT: LIQUID		
0.94%	2	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ALKALI		
0.47%	1	AUTOMATIC DISHWASHER RINSE AGENT		
0.47%	1	DISINFECTANT: PINE OIL		
0.47%	1	GLASS CLEANER: AMMONIA-CONTAINING		
6.10%	13	OTHERS AGENTS		
<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>19</b>	<b>8.9%</b>
3.29%	7	OTHER FOREIGN BODY		
1.88%	4	DESICCANT		
1.41%	3	BUBBLE BLOWING SOLUTION		
0.94%	2	TOY		
0.47%	1	COIN		
0.47%	1	GLOW PRODUCT		
0.47%	1	UNKNOWN FOREIGN BODY/TOY		
<b>PESTICIDES</b>			<b>17</b>	<b>8.0%</b>
2.35%	5	LONG-ACTING ANTICOAGULANT RODENTICIDE		
1.88%	4	PYRETHROID		
1.41%	3	INSECT REPELLENT WITH DEET		
0.94%	2	OTHER INSECTICIDE		
0.47%	1	BORATE/BORIC ACID PESTICIDE		
0.47%	1	UNKNOWN MOTHBALL OR MOTH REPELLENT		
0.47%	1	UNKNOWN INSECTICIDE		
<b>PLANTS</b>			<b>15</b>	<b>7.0%</b>
2.82%	6	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)		

Non-Drug Related Substances

0.94%	2	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE
0.94%	2	PLANT: NON-TOXIC
0.47%	1	PLANT: CARDIAC GLYCOSIDE (EXCLUDING DRUGS)
0.47%	1	PLANT: DERMATITIS (NON-OXALATE)
0.47%	1	PLANT: OTHER TOXIC
0.47%	1	PLANT: OXALATE
0.47%	1	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC

**ARTS/CRAFTS/OFFICE SUPPLIES**

12

5.6%

2.82%	6	PEN/INK
0.94%	2	ARTIST PAINT, NON-WATER COLOR
0.94%	2	OTHER ARTS/CRAFTS/WRITING PRODUCT
0.47%	1	CLAY
0.47%	1	TYPEWRITER CORRECTION FLUID

**ALCOHOLS**

9

4.2%

2.35%	5	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE
0.94%	2	ETHANOL (NON-BEVERAGE, NON-RUBBING)
0.47%	1	METHANOL (EXCLUDING AUTOMOTIVE PRODUCTS AND CLEANING SUBSTANCES)
0.47%	1	OTHER TYPE OF ALCOHOL

**OTHER/UNKNOWN NONDRUG SUBSTANCES**

6

2.8%

1.88%	4	OTHER NON-DRUG SUBSTANCE
0.94%	2	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG

**ESSENTIAL OILS**

5

2.3%

1.88%	4	OTHER/UNKNOWN ESSENTIAL OIL
0.47%	1	CLOVE OIL

**FOOD PRODUCTS/FOOD POISONING**

5

2.3%

1.41%	3	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT
0.47%	1	CAPSICUM/PEPPERS (FOODS)
0.47%	1	QUESTION ABOUT POSSIBLY SPOILED FOOD

**OTHERS**

38

17.8%

1.41%	3	CIGARETTE
0.94%	2	CYANOACRYLATE
0.94%	2	OTHER TYPE OF AUTOMOTIVE/AIRCRAFT/BOAT PRODUCT
0.94%	2	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY
0.94%	2	CARBON MONOXIDE
0.47%	1	TOLUENE/XYLENE (ADHESIVES ONLY)
0.47%	1	AUTOMOTIVE (AIRCRAFT/BOAT) BATTERY
0.47%	1	DISC BATTERY: UNKNOWN
0.47%	1	BLACK WIDOW SPIDER BITE/ENVENOMATION
0.47%	1	JELLYFISH AND OTHER COELENTERATE ENVENOMATION
10.33%	22	OTHERS AGENTS

213

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**

<b>ANALGESICS</b>		<b>20</b>	<b>22.0%</b>
4.40%	4 IBUPROFEN		
3.30%	3 ACETAMINOPHEN WITH CODEINE		
3.30%	3 ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
3.30%	3 ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
2.20%	2 ACETAMINOPHEN: ADULT FORMULATION		
2.20%	2 NAPROXEN		
1.10%	1 ACETAMINOPHEN: PEDIATRIC FORMULATION		
1.10%	1 MEPERIDINE		
1.10%	1 OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG		
<b>ANTIDEPRESSANTS</b>		<b>10</b>	<b>11.0%</b>
7.69%	7 SSRI		
1.10%	1 IMIPRAMINE		
1.10%	1 LITHIUM		
1.10%	1 OTHER ANTIDEPRESSANT		
<b>ANTIHISTAMINES</b>		<b>9</b>	<b>9.9%</b>
4.40%	4 DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
3.30%	3 OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
1.10%	1 CIMETIDINE AND OTHER H2 ANTAGONIST		
1.10%	1 DIPHENHYDRAMINE-ALONE (OTC)		
<b>COLD AND COUGH PREPARATIONS</b>		<b>9</b>	<b>9.9%</b>
3.30%	3 ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
2.20%	2 ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.10%	1 ANTIHISTAMINE/DECON/OTHER OPIOID/WITHOUT PPA		
1.10%	1 APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
1.10%	1 APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.10%	1 OTHER DEXTROMETHORPHAN PREPARATION		
<b>SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS</b>		<b>7</b>	<b>7.7%</b>
5.49%	5 ATYPICAL ANTIPSYCHOTIC		
1.10%	1 BENZODIAZEPINE		
1.10%	1 BUSPIRONE		
<b>TOPICAL PREPARATIONS</b>		<b>6</b>	<b>6.6%</b>
2.20%	2 TOPICAL STEROID		

Drug Related Substances

1.10%	1	CAMPHOR AND METHYL SALICYLATE
1.10%	1	METHYL SALICYLATE
1.10%	1	TOPICAL STEROID WITH ANTIBIOTIC
1.10%	1	WART PREPARATIONS AND OTHER KERATOLYTICS

**ELECTROLYTES AND MINERALS**

5

5.5%

3.30%	3	FLUORIDE (EXCLUDING VITAMINS, HF & MOUTHWASH)
1.10%	1	CALCIUM AND CALCIUM SALTS
1.10%	1	POTASSIUM AND POTASSIUM SALTS

**STIMULANTS AND STREET DRUGS**

5

5.5%

2.20%	2	HALLUCINOGENIC AMPHETAMINE
2.20%	2	METHYLPHENIDATE
1.10%	1	AMPHETAMINE AND RELATED COMPOUND

**CARDIOVASCULAR DRUGS**

3

3.3%

2.20%	2	CLONIDINE
1.10%	1	BETA BLOCKER (INCLUDE PROPRANOLOL)

**HORMONES AND HORMONE ANTAGONISTS**

3

3.3%

2.20%	2	CORTICOSTEROID
1.10%	1	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)

**OTHERS**

14

15.4%

2.20%	2	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION
2.20%	2	MELATONIN
1.10%	1	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)
1.10%	1	ALBUTEROL
1.10%	1	LEUKOTRIENE ANTAGONIST/INHIBITOR
1.10%	1	THIAZIDE
1.10%	1	ANTACID: OTHER
1.10%	1	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
1.10%	1	CARISOPRODOL (FORMULATED ALONE)
1.10%	1	OTHER (SKELETAL) MUSCLE RELAXANT
2.20%	2	OTHERS AGENTS

**91 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**

<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>6</b>	<b>13.6%</b>
6.82%	3	OTHER FOREIGN BODY		
6.82%	3	TOY		
<b>ARTS/CRAFTS/OFFICE SUPPLIES</b>			<b>5</b>	<b>11.4%</b>
6.82%	3	PEN/INK		
4.55%	2	PENCIL		
<b>ALCOHOLS</b>			<b>4</b>	<b>9.1%</b>
4.55%	2	ETHANOL (BEVERAGE)		
2.27%	1	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
2.27%	1	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>4</b>	<b>9.1%</b>
4.55%	2	MOUTHWASH: ETHANOL-CONTAINING		
2.27%	1	CREAM/LOTION/MAKE-UP		
2.27%	1	PERFUME/COLOGNE/AFTERSHAVE		
<b>HYDROCARBONS</b>			<b>4</b>	<b>9.1%</b>
4.55%	2	GASOLINE		
2.27%	1	FREON/OTHER PROPELLANT		
2.27%	1	TOLUENE/XYLENE (EXCLUDING ADHESIVES)		
<b>BITES AND ENVENOMATIONS</b>			<b>3</b>	<b>6.8%</b>
4.55%	2	BEE/WASP/HORNET BITE/ENVENOMATION		
2.27%	1	FISH BITE/ENVENOMATION		
<b>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>3</b>	<b>6.8%</b>
2.27%	1	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
2.27%	1	HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC		
2.27%	1	RUST REMOVER: OTHER/UNKNOWN		
<b>PESTICIDES</b>			<b>3</b>	<b>6.8%</b>
4.55%	2	INSECT REPELLENT WITH DEET		
2.27%	1	ORGANOPHOSPHATE AND OTHER INSECTICIDE		
<b>BATTERIES</b>			<b>2</b>	<b>4.5%</b>
4.55%	2	DISC BATTERY: UNKNOWN		
<b>DEODORIZERS</b>			<b>2</b>	<b>4.5%</b>
2.27%	1	AIR FRESHENER: AEROSOL		
2.27%	1	DEODORIZER: OTHER, NOT FOR PERSONAL USE		
<b>OTHERS</b>			<b>8</b>	<b>18.2%</b>
2.27%	1	FIRE EXTINGUISHER		
2.27%	1	QUESTION ABOUT POSSIBLY SPOILED FOOD		
2.27%	1	PROPANE AND OTHER SIMPLE ASPHYXIANT		
2.27%	1	OTHER HEAVY METAL		
2.27%	1	INDUSTRIAL CLEANER: ACID		

Non-Drug Related Substances

---

2.27%	1	INDUSTRIAL CLEANER: CATIONIC
2.27%	1	PLANT: HALLUCINOGENIC (CODE AS STREET DRUG UNLESS PLANT PART INVOLVED)
2.27%	1	PLANT: OXALATE
	<hr/>	
	<b>44</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>28</b>	<b>17.0%</b>
9.09%	15	BENZODIAZEPINE		
6.67%	11	ATYPICAL ANTIPSYCHOTIC		
0.61%	1	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.61%	1	PHENOTHIAZINE		
<b>ANALGESICS</b>			<b>26</b>	<b>15.8%</b>
2.42%	4	ACETAMINOPHEN: ADULT FORMULATION		
1.82%	3	NAPROXEN		
1.21%	2	ACETAMINOPHEN WITH CODEINE		
1.21%	2	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
1.21%	2	ACETAMINOPHEN WITH OTHER OPIOID		
1.21%	2	IBUPROFEN		
1.21%	2	OTHER/UNKNOWN OPIOID		
1.21%	2	TRAMADOL		
0.61%	1	ACETAMINOPHEN WITH OXYCODONE		
0.61%	1	APAP/ASA: WITH OTHER INGREDIENT		
3.03%	5	OTHERS AGENTS		
<b>CARDIOVASCULAR DRUGS</b>			<b>24</b>	<b>14.5%</b>
3.64%	6	BETA BLOCKER (INCLUDE PROPRANOLOL)		
2.42%	4	CALCIUM ANTAGONIST		
1.82%	3	ANGIOTENSIN RECEPTOR BLOCKER		
1.82%	3	ANTIHYPERTENSIVE		
1.21%	2	VASODILATOR: OTHER		
0.61%	1	ACE INHIBITOR		
0.61%	1	ALPHA BLOCKER		
0.61%	1	ANTIARRHYTHMIC (QUINIDINE, BRETYLIUM, PROCAINAMIDE, ETC.)		
0.61%	1	CARDIAC GLYCOSIDE		
0.61%	1	NITROGLYCERIN		
0.61%	1	OTHERS AGENTS		
<b>ANTIDEPRESSANTS</b>			<b>12</b>	<b>7.3%</b>
2.42%	4	SSRI		
1.82%	3	OTHER ANTIDEPRESSANT		
1.21%	2	AMITRIPTYLINE		
0.61%	1	CYCLIC ANTIDEPRESSANT FORMULATED WITH A PHENOTHIAZINE		
0.61%	1	LITHIUM		
0.61%	1	TRAZODONE		
<b>MISCELLANEOUS DRUGS</b>			<b>10</b>	<b>6.1%</b>
3.64%	6	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
1.21%	2	NICOTINE PHARMACEUTICAL		
0.61%	1	ALLOPURINOL		
0.61%	1	L-DOPA AND RELATED DRUG		

<b>HORMONES AND HORMONE ANTAGONISTS</b>			<b>9</b>	<b>5.5%</b>
1.82%	3	ORAL HYPOGLYCEMIC: BIGUANIDE		
1.21%	2	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		
0.61%	1	CORTICOSTEROID		
0.61%	1	INSULIN		
0.61%	1	ORAL HYPOGLYCEMIC: SULFONYLUREA		
0.61%	1	SELECTIVE ESTROGEN RECEPTOR MODULATOR		
<b>ANTICONVULSANTS</b>			<b>7</b>	<b>4.2%</b>
1.82%	3	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
1.82%	3	VALPROIC ACID		
0.61%	1	PHENYTOIN		
<b>ANTIMICROBIALS</b>			<b>7</b>	<b>4.2%</b>
2.42%	4	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
0.61%	1	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.61%	1	ANTIVIRAL: SYSTEMIC (PO, IV, IM) PREPARATION		
0.61%	1	METRONIDAZOLE		
<b>STIMULANTS AND STREET DRUGS</b>			<b>6</b>	<b>3.6%</b>
1.21%	2	COCAINE		
1.21%	2	HALLUCINOGENIC AMPHETAMINE		
0.61%	1	EPHEDRINE		
0.61%	1	UNKNOWN HALLUCINOGEN		
<b>ANTIHISTAMINES</b>			<b>5</b>	<b>3.0%</b>
1.82%	3	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
0.61%	1	CIMETIDINE AND OTHER H2 ANTAGONIST		
0.61%	1	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
<b>OTHERS</b>			<b>31</b>	<b>18.8%</b>
1.21%	2	TERBUTALINE AND OTHER BETA-2 AGONIST		
1.21%	2	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.21%	2	MULTI-BOTANICAL WITH MA HUANG		
1.21%	2	FUROSEMIDE		
1.21%	2	CYCLOBENZAPRINE		
1.21%	2	OTHER TOPICAL ANTISEPTIC		
0.61%	1	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN		
0.61%	1	WARFARIN (EXCLUDING RODENTICIDES)		
0.61%	1	ALBUTEROL		
0.61%	1	AMINOPHYLLINE/THEOPHYLLINE		
9.09%	15	OTHERS AGENTS		
	<b>165</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**

**BITES AND ENVENOMATIONS**

**21**

**20.6%**

4.90%	5	COPPERHEAD ENVENOMATION
2.94%	3	BEE/WASP/HORNET BITE/ENVENOMATION
2.94%	3	CATERPILLAR BITE/ENVENOMATION
1.96%	2	NON-POISONOUS SNAKE BITE
1.96%	2	OTHER SPIDER BITE/ENVENOMATION
1.96%	2	UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION
0.98%	1	BLACK WIDOW SPIDER BITE/ENVENOMATION
0.98%	1	CENTIPEDE/MILLIPEDE BITE/ENVENOMATION
0.98%	1	TICK BITE/ENVENOMATION
0.98%	1	UNKNOWN TYPE OF SNAKE BITE

**CLEANING SUBSTANCES (HOUSEHOLD)**

**18**

**17.6%**

4.90%	5	BLEACH: HYPOCHLORITE (LIQUID & DRY)
0.98%	1	DISINFECTANT: HYPOCHLORITE, NON-BLEACH PRODUCT
0.98%	1	DISINFECTANT: OTHER/UNKNOWN
0.98%	1	DISINFECTANT: PINE OIL
0.98%	1	DRAIN CLEANER: ALKALI
0.98%	1	HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC
0.98%	1	LAUNDRY DETERGENT: LIQUID
0.98%	1	MISC. CLEANING AGENT: ALKALI
0.98%	1	RUST REMOVER: ACID OTHER THAN HF
0.98%	1	TOILET BOWL CLEANER: ACID
3.92%	4	OTHERS AGENTS

**HYDROCARBONS**

**10**

**9.8%**

4.90%	5	GASOLINE
1.96%	2	DIESEL FUEL
0.98%	1	FREON/OTHER PROPELLANT
0.98%	1	TOLUENE/XYLENE (EXCLUDING ADHESIVES)
0.98%	1	UNKNOWN TYPE OF HYDROCARBON

**COSMETICS/PERSONAL CARE PRODUCTS**

**9**

**8.8%**

3.92%	4	MOUTHWASH: ETHANOL-CONTAINING
2.94%	3	CREAM/LOTION/MAKE-UP
1.96%	2	PERFUME/COLOGNE/AFTERSHAVE

**PESTICIDES**

**8**

**7.8%**

1.96%	2	OTHER INSECTICIDE
1.96%	2	PYRETHROID
0.98%	1	CHLOROPHENOXY HERBICIDE
0.98%	1	ORGANOPHOSPHATE
0.98%	1	PYRETHRIN
0.98%	1	UNKNOWN INSECTICIDE

**FUMES/GASES/VAPORS**

**7**

**6.9%**

Non-Drug Related Substances

2.94%	3	CHLORINE GAS
0.98%	1	CARBON MONOXIDE
0.98%	1	CHLORAMINE GAS
0.98%	1	METHANE AND NATURAL GAS
0.98%	1	PROPANE AND OTHER SIMPLE ASPHYXIANT

**ALCOHOLS**

5

4.9%

2.94%	3	ETHANOL (BEVERAGE)
1.96%	2	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE

**CHEMICALS**

5

4.9%

0.98%	1	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)
0.98%	1	AMMONIA (EXCLUDING CLEANER)
0.98%	1	NITRATE AND NITRITE (EXCLUDING MEDICATION & SUBSTANCE OF ABUSE)
0.98%	1	OTHER ACID
0.98%	1	OTHER GLYCOL (EXCLUDING AUTOMOTIVE/AIRCRAFT/BOAT PRODUCT)

**BUILDING AND CONSTRUCTION PRODUCTS**

3

2.9%

1.96%	2	SOLDERING FLUX
0.98%	1	OTHER BUILDING OR CONSTRUCTION PRODUCT

**OTHER/UNKNOWN NONDRUG SUBSTANCES**

3

2.9%

1.96%	2	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG
0.98%	1	OTHER NON-DRUG SUBSTANCE

**OTHERS**

13

12.7%

1.96%	2	CYANOACRYLATE
0.98%	1	ARTIST PAINT, NON-WATER COLOR
0.98%	1	AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL
0.98%	1	AUTOMOTIVE PRODUCT: HYDROCARBON (TRANSMISSION FLUID, POWER STEERING FLUID)
0.98%	1	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT
0.98%	1	QUESTION ABOUT POSSIBLY SPOILED FOOD
0.98%	1	OTHER FOREIGN BODY
0.98%	1	COPPER
0.98%	1	OTHER HEAVY METAL
0.98%	1	INDUSTRIAL CLEANER: DISINFECTANT
1.96%	2	OTHERS AGENTS

**102 Grand Total**

## Routes of Exposure - Human Exposures

---

	Number	Percentage
BITE OR STING	26	3.26
DERMAL	81	10.15
INGEST	606	75.94
INHALATION	34	4.26
OCULAR	45	5.64
EAR(S)/OTIC	1	0.13
PARENTERAL	3	0.38
RECTAL	1	0.13
VAGINAL	1	0.13
GRAND TOTAL:	<u>798</u>	100%

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

---

## Treatments Performed

<b>DECONTAMINATION</b>				<b>597</b>	<b>84.80 %</b>
<b>Cathartic</b>				<b>8</b>	<b>1.14%</b>
PERFORMED - PCC RECOMMENDED	8	1.14 %			
<b>Dilute/Irrigate/Wash</b>				<b>516</b>	<b>73.30%</b>
PERFORMED - PCC RECOMMENDED	466	66.19 %			
PERFORMED - NOT RECOMMENDED (+NEED)	50	7.10 %			
<b>Food/Snack</b>				<b>25</b>	<b>3.55%</b>
PERFORMED - PCC RECOMMENDED	21	2.98 %			
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.57 %			
<b>Fresh air</b>				<b>20</b>	<b>2.84%</b>
PERFORMED - PCC RECOMMENDED	11	1.56 %			
PERFORMED - NOT RECOMMENDED (+NEED)	9	1.28 %			
<b>Multi-dose AC</b>				<b>1</b>	<b>0.14%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %			
<b>Emetic, Other</b>				<b>1</b>	<b>0.14%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %			
<b>Single Dose Activated Charcoal</b>				<b>25</b>	<b>3.55%</b>
PERFORMED - PCC RECOMMENDED	24	3.41 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %			
<b>Whole bowel irrigation</b>				<b>1</b>	<b>0.14%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.14 %			
<b>ANTIDOTAL</b>				<b>11</b>	<b>1.56 %</b>
<b>Antivenin</b>				<b>1</b>	<b>0.14%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %			
<b>Fab Fragments</b>				<b>2</b>	<b>0.28%</b>
PERFORMED - PCC RECOMMENDED	2	0.28 %			
<b>Fomepizole/Antizol</b>				<b>1</b>	<b>0.14%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %			
<b>Glucagon</b>				<b>1</b>	<b>0.14%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %			
<b>IV NAC</b>				<b>2</b>	<b>0.28%</b>
PERFORMED - PCC RECOMMENDED	2	0.28 %			
<b>Narcan</b>				<b>4</b>	<b>0.57%</b>
PERFORMED - PCC RECOMMENDED	3	0.43 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %			
<b>INTENSIVE CARE</b>				<b>5</b>	<b>0.71 %</b>
<b>Dialysis</b>				<b>1</b>	<b>0.14%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %			
<b>Intubation</b>				<b>2</b>	<b>0.28%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %			
<b>Ventilator</b>				<b>2</b>	<b>0.28%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %			

<b>GENERAL TREATMENT</b>			<b>91</b>	<b>12.93 %</b>
<b>Antihypertensive</b>			<b>2</b>	<b>0.28%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	2	0.28 %		
<b>Antibiotics</b>			<b>3</b>	<b>0.43%</b>
PERFORMED - PCC RECOMMENDED	2	0.28 %		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %		
<b>Antiemetics</b>			<b>2</b>	<b>0.28%</b>
PERFORMED - PCC RECOMMENDED	2	0.28 %		
<b>Antihistamine</b>			<b>6</b>	<b>0.85%</b>
PERFORMED - PCC RECOMMENDED	5	0.71 %		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %		
<b>Benzodiazepines</b>			<b>5</b>	<b>0.71%</b>
PERFORMED - PCC RECOMMENDED	4	0.57 %		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %		
<b>Bronchodilators</b>			<b>2</b>	<b>0.28%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %		
<b>Calcium</b>			<b>1</b>	<b>0.14%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %		
<b>IV Fluids</b>			<b>16</b>	<b>2.27%</b>
PERFORMED - PCC RECOMMENDED	8	1.14 %		
PERFORMED - NOT RECOMMENDED (+NEED)	8	1.14 %		
<b>Neuromuscular Blocker</b>			<b>1</b>	<b>0.14%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %		
<b>Other Other Therapy</b>			<b>33</b>	<b>4.69%</b>
PERFORMED - PCC RECOMMENDED	14	1.99 %		
PERFORMED - NOT RECOMMENDED (+NEED)	18	2.56 %		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.14 %		
<b>Oxygen</b>			<b>11</b>	<b>1.56%</b>
PERFORMED - PCC RECOMMENDED	3	0.43 %		
PERFORMED - NOT RECOMMENDED (+NEED)	8	1.14 %		
<b>Sedation (Other)</b>			<b>7</b>	<b>0.99%</b>
PERFORMED - PCC RECOMMENDED	2	0.28 %		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.57 %		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.14 %		
<b>Steroids</b>			<b>1</b>	<b>0.14%</b>
PERFORMED - PCC RECOMMENDED	1	0.14 %		
<b>Vasopressors</b>			<b>1</b>	<b>0.14%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.14 %		
			<b>Grand Total:</b>	<b>704</b>

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