

## Poison Center Activity Report 2004

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



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

Definitions:

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

**HCF:** Health Care Facility

**Outcomes:** outcomes have specific definitions.

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

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

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

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## Counties Included in Report

### Maryland-MD

County	County#/FIP
KENT	24029

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

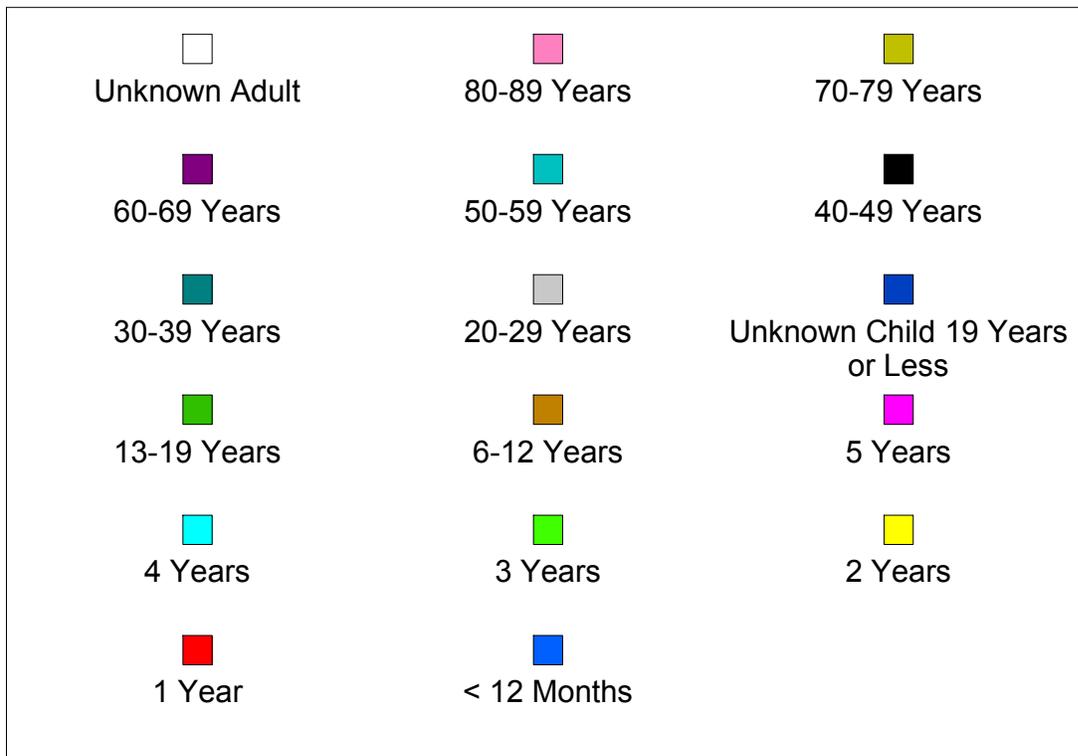
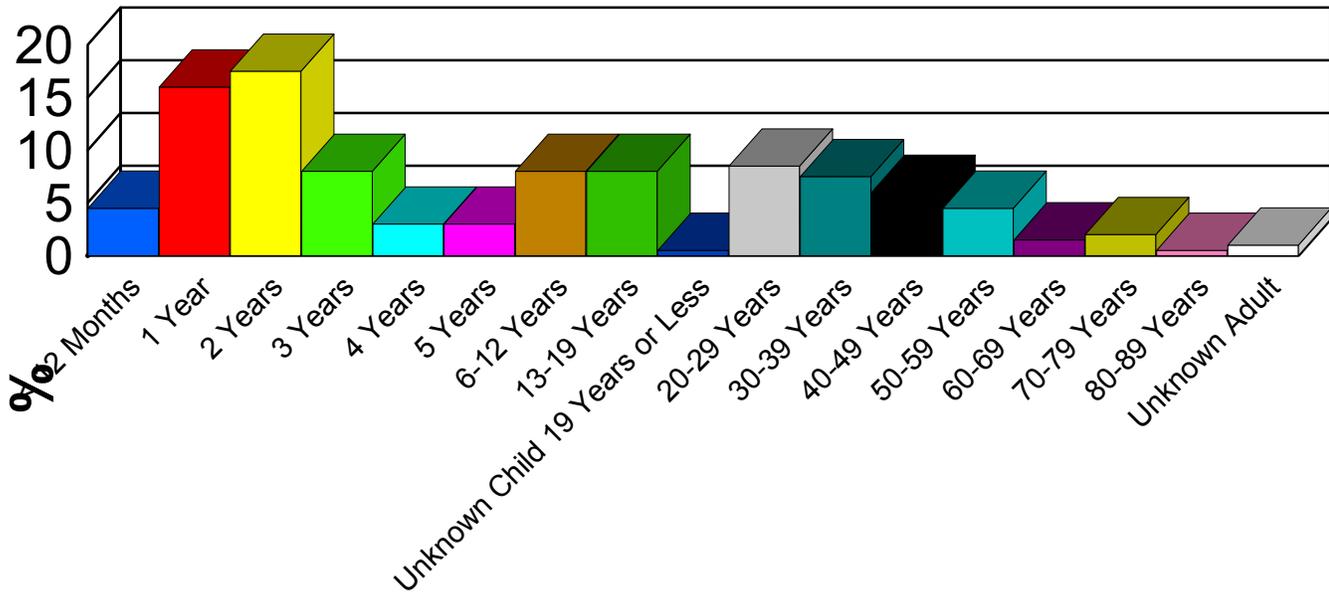
<b>Exposures</b>	<b>207</b>	<b>%</b>	<b>71.63</b>
<b>Human Exposures</b>	<b>200</b>	<b>%</b>	<b>69.20</b>
<b>Confirmed Exposure</b>	<b>200</b>	<b>%</b>	<b>69.20</b>
<b>Animal Exposures</b>	<b>7</b>	<b>%</b>	<b>2.42</b>
<b>Confirmed Exposure</b>	<b>7</b>	<b>%</b>	<b>2.42</b>
<b>Information Calls</b>	<b>82</b>	<b>%</b>	<b>28.37</b>
<b>Drug Information</b>	<b>15</b>	<b>%</b>	<b>5.19</b>
6.67%	1		Adverse effects (no known exposure)
6.67%	1		Generic substitution
6.67%	1		Indications/therapeutic use
6.67%	1		Medication administration
6.67%	1		Pharmacokinetics
6.67%	1		Regulatory
60.00%	9		Other
<b>Drug ID</b>	<b>42</b>	<b>%</b>	<b>14.53</b>
21.43%	9		Public - Drug sometimes involved in abuse
16.67%	7		Public - Drug not known to be abused
7.14%	3		Public - Unable to identify
9.52%	4		Health Prof - Drug sometimes involved in abuse
9.52%	4		Health Prof - Drug not known to be abused
11.90%	5		Law Enfrcmnt - Drug sometimes involved in abuse
9.52%	4		Law Enfrcmnt - Drug not known to be abused
14.29%	6		Other
<b>Environmental Info</b>	<b>1</b>	<b>%</b>	<b>0.35</b>
100.00%	1		Mercury thermometer cleanup
<b>Poison Information</b>	<b>18</b>	<b>%</b>	<b>6.23</b>
22.22%	4		Food preparation/handling practices
22.22%	4		General toxicity
11.11%	2		Safe use of household products
44.44%	8		Other
<b>Prevention/Safety</b>	<b>6</b>	<b>%</b>	<b>2.08</b>
16.67%	1		Confirmation of poison center number
83.33%	5		Poison prevention material requests
<b>Grand Total:</b>	<b>289</b>	<b>%</b>	<b>100.00</b>

## Patient Age & Sex Distribution by Age Groupings

<b>&lt; 12 Months</b>	<b>9</b>	<b>4.500%</b>
Male	4	44.44%
Female	5	55.56%
<b>1 Year</b>	<b>32</b>	<b>16.000%</b>
Male	19	59.38%
Female	13	40.63%
<b>2 Years</b>	<b>35</b>	<b>17.500%</b>
Male	13	37.14%
Female	22	62.86%
<b>3 Years</b>	<b>16</b>	<b>8.000%</b>
Male	7	43.75%
Female	9	56.25%
<b>4 Years</b>	<b>6</b>	<b>3.000%</b>
Male	1	16.67%
Female	5	83.33%
<b>5 Years</b>	<b>6</b>	<b>3.000%</b>
Male	4	66.67%
Female	2	33.33%
<b>6-12 Years</b>	<b>16</b>	<b>8.000%</b>
Male	8	50.00%
Female	8	50.00%
<b>13-19 Years</b>	<b>16</b>	<b>8.000%</b>
Male	7	43.75%
Female	9	56.25%
<b>Unknown Child 19 Years or Less</b>	<b>1</b>	<b>0.500%</b>
Male	1	100.00%
<b>20-29 Years</b>	<b>17</b>	<b>8.500%</b>
Male	10	58.82%
Female	7	41.18%
<b>30-39 Years</b>	<b>15</b>	<b>7.500%</b>
Male	4	26.67%
Female	11	73.33%
<b>40-49 Years</b>	<b>12</b>	<b>6.000%</b>

<b>40-49 Years</b>	<b>12</b>	<b>6.000%</b>
Male	2	16.67%
Female	10	83.33%
<b>50-59 Years</b>	<b>9</b>	<b>4.500%</b>
Male	3	33.33%
Female	6	66.67%
<b>60-69 Years</b>	<b>3</b>	<b>1.500%</b>
Male	1	33.33%
Female	2	66.67%
<b>70-79 Years</b>	<b>4</b>	<b>2.000%</b>
Male	3	75.00%
Female	1	25.00%
<b>80-89 Years</b>	<b>1</b>	<b>0.500%</b>
Female	1	100.00%
<b>Unknown Adult</b>	<b>2</b>	<b>1.000%</b>
Male	1	50.00%
Female	1	50.00%
<b>Grand Total:</b>	<b>200</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>95</b>	<b>91.35</b>
Female	51	53.68%		
Male	44	46.32%		
<b>In/enroute to HCF</b>			<b>6</b>	<b>5.77</b>
Treated/evaluated and released			5	4.81
Female	3	60.00%		
Male	2	40.00%		
Admitted to noncritical care unit			1	0.96
Female	1	100.00%		
<b>Referred to HCF</b>			<b>3</b>	<b>2.88</b>
Treated/evaluated and released			1	0.96
Female	1	100.00%		
Admitted to critical care unit			1	0.96
Male	1	100.00%		
Admitted to noncritical care unit			1	0.96
Male	1	100.00%		
			<b>104</b>	<b>100 %</b>

## Patient Flow Children 6 to 19 Years of Age

			<u>Number</u>	<u>Percentage</u>
<b>Managed on Site (non-HCF)</b>			<b>20</b>	<b>60.61</b>
Female	10	50.00%		
Male	10	50.00%		
<b>In/enroute to HCF</b>			<b>10</b>	<b>30.30</b>
Treated/evaluated and released			6	18.18
Female	4	66.67%		
Male	2	33.33%		
Admitted to critical care unit			1	3.03
Male	1	100.00%		
Admitted to noncritical care unit			1	3.03
Female	1	100.00%		
Admitted to psychiatric facility			1	3.03
Female	1	100.00%		
Patient lost to follow-up/left AMA			1	3.03
Female	1	100.00%		
<b>Referred to HCF</b>			<b>2</b>	<b>6.06</b>
Treated/evaluated and released			2	6.06
Male	2	100.00%		
<b>Other *(code)</b>			<b>1</b>	<b>3.03</b>
Male	1	100.00%		
			<b>33</b>	<b>100 %</b>

## Patient Flow Adults 20 Years and Older

			<u>Number</u>	<u>Percentage</u>
<b>Managed on Site (non-HCF)</b>			<b><u>27</u></b>	<b><u>42.86</u></b>
Female	18	66.67%		
Male	9	33.33%		
<b>In/enroute to HCF</b>			<b><u>28</u></b>	<b><u>44.44</u></b>
<b>Treated/evaluated and released</b>			<b>13</b>	<b>20.63</b>
Female	5	38.46%		
Male	8	61.54%		
<b>Admitted to critical care unit</b>			<b>7</b>	<b>11.11</b>
Female	6	85.71%		
Male	1	14.29%		
<b>Admitted to noncritical care unit</b>			<b>3</b>	<b>4.76</b>
Female	1	33.33%		
Male	2	66.67%		
<b>Admitted to psychiatric facility</b>			<b>5</b>	<b>7.94</b>
Female	4	80.00%		
Male	1	20.00%		
<b>Referred to HCF</b>			<b><u>8</u></b>	<b><u>12.70</u></b>
<b>Treated/evaluated and released</b>			<b>1</b>	<b>1.59</b>
Female	1	100.00%		
<b>Admitted to critical care unit</b>			<b>1</b>	<b>1.59</b>
Female	1	100.00%		
<b>Admitted to psychiatric facility</b>			<b>2</b>	<b>3.17</b>
Male	2	100.00%		
<b>Patient lost to follow-up/left AMA</b>			<b>1</b>	<b>1.59</b>
Female	1	100.00%		
<b>Patient REFUSED referral/NO SHOW</b>			<b>3</b>	<b>4.76</b>
Female	2	66.67%		
Male	1	33.33%		
			<b><u>63</u></b>	<b><u>100 %</u></b>

## Reason for Exposure

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<b>Unintentional</b>	<b>80.50%</b>	<b>161</b>
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Unintentional/General	63.00%	126
Unintentional/Environmental	0.50%	1
Unintentional/Occupational	2.00%	4
Unintentional/Therapeutic Error	7.00%	14
Unintentional/Misuse	4.50%	9
Unintentional/Bite or Sting	3.50%	7
<b>Intentional</b>	<b>18.50%</b>	<b>37</b>
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Intentional/Suspected Suicide	13.00%	26
Intentional/Misuse	2.50%	5
Intentional/Abuse	2.50%	5
Intentional/Unknown	0.50%	1
<b>Other</b>	<b>1.00%</b>	<b>2</b>
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Malicious	0.50%	1
Adverse Reaction/Drug	0.50%	1
<b>Grand Total:</b>		<b>200</b>
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## Reason for Exposure by Age Category

<b>Children 5 years and under</b>	<b>52.00%</b>	<b>104</b>
<b>Unintentional</b>	<b>52.00%</b>	<b>104</b>
Unintentional/General	49.50%	99
Unintentional/Therapeutic Error	2.50%	5
<b>Children 6 to 19 years</b>	<b>16.50%</b>	<b>33</b>
<b>Unintentional</b>	<b>11.50%</b>	<b>23</b>
Unintentional/General	7.50%	15
Unintentional/Occupational	0.50%	1
Unintentional/Therapeutic Error	0.50%	1
Unintentional/Misuse	1.50%	3
Unintentional/Bite or Sting	1.50%	3
<b>Intentional</b>	<b>4.50%</b>	<b>9</b>
Intentional/Suspected Suicide	2.00%	4
Intentional/Misuse	1.00%	2
Intentional/Abuse	1.50%	3
<b>Other Reason</b>	<b>0.50%</b>	<b>1</b>
Malicious	0.50%	1
<b>Adults 20 years or older</b>	<b>31.50%</b>	<b>63</b>
<b>Unintentional</b>	<b>17.00%</b>	<b>34</b>
Unintentional/General	6.00%	12
Unintentional/Environmental	0.50%	1
Unintentional/Occupational	1.50%	3
Unintentional/Therapeutic Error	4.00%	8
Unintentional/Misuse	3.00%	6
Unintentional/Bite or Sting	2.00%	4
<b>Intentional</b>	<b>14.00%</b>	<b>28</b>
Intentional/Suspected Suicide	11.00%	22
Intentional/Misuse	1.50%	3
Intentional/Abuse	1.00%	2
Intentional/Unknown	0.50%	1
<b>Other Reason</b>	<b>0.50%</b>	<b>1</b>
Adverse Reaction/Drug	0.50%	1
<b>Grand Total:</b>		<b>200</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>142</b>	<b>71.00%</b>	
4.23%	No effect	6	3.00%	4.23%
3.52%	Minor effect	5	2.50%	3.52%
0.70%	Moderate effect	1	0.50%	0.70%
29.58%	Judged as nontoxic - expect no effect	42	21.00%	29.58%
61.97%	Minimal clinical effects possible	88	44.00%	61.97%
<b>Managed in HCF</b>		<b>54</b>	<b>27.00%</b>	
<b>Treated/evaluated and released</b>		<b><u>14.00%</u></b>	<b><u>28</u></b>	<b><u>51.85%</u></b>
17.86%	No effect	5	2.50%	9.26%
57.14%	Minor effect	16	8.00%	29.63%
10.71%	Moderate effect	3	1.50%	5.56%
3.57%	Judged as nontoxic - expect no effect	1	0.50%	1.85%
7.14%	Minimal clinical effects possible	2	1.00%	3.70%
3.57%	Unrelated - probably not responsible	1	0.50%	1.85%
<b>Admitted to critical care unit</b>		<b><u>5.00%</u></b>	<b><u>10</u></b>	<b><u>18.52%</u></b>
60.00%	Minor effect	6	3.00%	11.11%
30.00%	Moderate effect	3	1.50%	5.56%
10.00%	Minimal clinical effects possible	1	0.50%	1.85%
<b>Admitted to noncritical care unit</b>		<b><u>3.00%</u></b>	<b><u>6</u></b>	<b><u>11.11%</u></b>
33.33%	No effect	2	1.00%	3.70%
33.33%	Minor effect	2	1.00%	3.70%
16.67%	Moderate effect	1	0.50%	1.85%
16.67%	Minimal clinical effects possible	1	0.50%	1.85%
<b>Admitted to psychiatric facility</b>		<b><u>4.00%</u></b>	<b><u>8</u></b>	<b><u>14.81%</u></b>
12.50%	No effect	1	0.50%	1.85%
62.50%	Minor effect	5	2.50%	9.26%
12.50%	Judged as nontoxic - expect no effect	1	0.50%	1.85%
12.50%	Minimal clinical effects possible	1	0.50%	1.85%
<b>Patient lost to follow-up/left AMA</b>		<b><u>1.00%</u></b>	<b><u>2</u></b>	<b><u>3.70%</u></b>
50.00%	Minimal clinical effects possible	1	0.50%	1.85%
50.00%	Unable to follow - potentially toxic exposure	1	0.50%	1.85%
<b>Other</b>		<b>1</b>	<b>0.50%</b>	
100.00%	Minor effect	1	0.50%	100.00%
<b>Refused Referral</b>		<b>3</b>	<b>1.50%</b>	
100.00%	Unable to follow - potentially toxic exposure	3	1.50%	100.00%
		<b><u>200</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>28</u></b>	<b><u>49.1%</u></b>	
<b>In/enroute to HCF</b>	<b>24</b>	<b>42.1%</b>	<b>85.7%</b>
No effect	4	7.0%	16.7%
Minor effect	13	22.8%	54.2%
Moderate effect	3	5.3%	12.5%
Judged as nontoxic - expect no effect	1	1.8%	4.2%
Minimal clinical effects possible	2	3.5%	8.3%
Unrelated - probably not responsible	1	1.8%	4.2%
<b>Referred to HCF</b>	<b>4</b>	<b>7.0%</b>	<b>14.3%</b>
No effect	1	1.8%	25.0%
Minor effect	3	5.3%	75.0%
<b>Admitted to critical care unit</b>	<b><u>10</u></b>	<b><u>17.5%</u></b>	
<b>In/enroute to HCF</b>	<b>8</b>	<b>14.0%</b>	<b>80.0%</b>
Minor effect	5	8.8%	62.5%
Moderate effect	2	3.5%	25.0%
Minimal clinical effects possible	1	1.8%	12.5%
<b>Referred to HCF</b>	<b>2</b>	<b>3.5%</b>	<b>20.0%</b>
Minor effect	1	1.8%	50.0%
Moderate effect	1	1.8%	50.0%
<b>Admitted to noncritical care unit</b>	<b><u>6</u></b>	<b><u>10.5%</u></b>	
<b>In/enroute to HCF</b>	<b>5</b>	<b>8.8%</b>	<b>83.3%</b>
No effect	2	3.5%	40.0%
Minor effect	1	1.8%	20.0%
Moderate effect	1	1.8%	20.0%
Minimal clinical effects possible	1	1.8%	20.0%
<b>Referred to HCF</b>	<b>1</b>	<b>1.8%</b>	<b>16.7%</b>
Minor effect	1	1.8%	100.0%
<b>Admitted to psychiatric facility</b>	<b><u>8</u></b>	<b><u>14.0%</u></b>	
<b>In/enroute to HCF</b>	<b>6</b>	<b>10.5%</b>	<b>75.0%</b>
Minor effect	5	8.8%	83.3%
Minimal clinical effects possible	1	1.8%	16.7%
<b>Referred to HCF</b>	<b>2</b>	<b>3.5%</b>	<b>25.0%</b>
No effect	1	1.8%	50.0%
Judged as nontoxic - expect no effect	1	1.8%	50.0%

<b>Patient lost to follow-up/left AMA</b>	<b><u>2</u></b>	<b><u>3.5%</u></b>	
<b>In/enroute to HCF</b>	<b>1</b>	<b>1.8%</b>	<b>50.0%</b>
Minimal clinical effects possible	<b>1</b>	<b>1.8%</b>	<b>100.0%</b>
<b>Referred to HCF</b>	<b>1</b>	<b>1.8%</b>	<b>50.0%</b>
Unable to follow - potentially toxic exposure	<b>1</b>	<b>1.8%</b>	<b>100.0%</b>
<b>Patient REFUSED referral/NO SHOW</b>	<b><u>3</u></b>	<b><u>5.3%</u></b>	
<b>Referred to HCF</b>	<b>3</b>	<b>5.3%</b>	<b>100.0%</b>
Unable to follow - potentially toxic exposure	<b>3</b>	<b>5.3%</b>	<b>100.0%</b>
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	<b><u>57</u></b>	<b><u>100 %</u></b>	

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*Visual Dotlab/WBM Software*

## Medical Outcomes

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	<u>Number</u>	<u>Percentag</u>
No Effect	14	7.00 %
Minor Effect	35	17.50 %
Moderate Effect	8	4.00 %
Not Followed, Judged as Nontoxic Exposure	44	22.00 %
Not Followed - Minimal Clinical Effects Possible	94	47.00 %
Unable to Follow - Potentially Toxic Exposure	4	2.00 %
Unrelated Effect	1	0.50 %
Total:	<u>200</u>	<u>100 %</u>

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*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>104</u></b>	<b><u>52.00%</u></b>	
No Effect	6	3.000%	5.77%
Minor Effect	4	2.000%	3.85%
Moderate Effect	1	0.500%	0.96%
Not Followed, Judged as Nontoxic Exposure	38	19.000%	36.54%
Not Followed - Minimal Clinical Effects Possible	55	27.500%	52.88%
<b>Children 6 to 19 years</b>	<b><u>33</u></b>	<b><u>16.50%</u></b>	
No Effect	1	0.500%	3.03%
Minor Effect	14	7.000%	42.42%
Moderate Effect	1	0.500%	3.03%
Not Followed, Judged as Nontoxic Exposure	3	1.500%	9.09%
Not Followed - Minimal Clinical Effects Possible	14	7.000%	42.42%
<b>Adult 20 years or more</b>	<b><u>63</u></b>	<b><u>31.50%</u></b>	
No Effect	7	3.500%	11.11%
Minor Effect	17	8.500%	26.98%
Moderate Effect	6	3.000%	9.52%
Not Followed, Judged as Nontoxic Exposure	3	1.500%	4.76%
Not Followed - Minimal Clinical Effects Possible	25	12.500%	39.68%
Unable to Follow - Potentially Toxic Exposure	4	2.000%	6.35%
Unrelated Effect	1	0.500%	1.59%
<b>Total:</b>	<b><u>200</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

Drug Related Substances				
<b>ANALGESICS</b>			<b>11</b>	<b>20.4%</b>
5.56%	3	ACETAMINOPHEN: ADULT FORMULATION		
5.56%	3	ACETAMINOPHEN: PEDIATRIC FORMULATION		
3.70%	2	COX-2 INHIBITOR		
3.70%	2	IBUPROFEN		
1.85%	1	NAPROXEN		
<b>COLD AND COUGH PREPARATIONS</b>			<b>10</b>	<b>18.5%</b>
7.41%	4	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
3.70%	2	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.85%	1	ANTIHISTAMINE/DECON/OTHER OPIOID/WITHOUT PPA		
1.85%	1	EXPECT/ANTITUSSIVE WITHOUT OPIOID		
1.85%	1	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
1.85%	1	OTHER DEXTROMETHORPHAN PREPARATION		
<b>TOPICAL PREPARATIONS</b>			<b>8</b>	<b>14.8%</b>
7.41%	4	DIAPER CARE/RASH PRODUCT		
1.85%	1	CALAMINE		
1.85%	1	CAMPHOR		
1.85%	1	METHYL SALICYLATE		
1.85%	1	TOPICAL STEROID		
<b>CARDIOVASCULAR DRUGS</b>			<b>3</b>	<b>5.6%</b>
1.85%	1	ACE INHIBITOR		
1.85%	1	ANTIHYPERLIPIDEMIC		
1.85%	1	BETA BLOCKER (INCLUDE PROPRANOLOL)		
<b>ELECTROLYTES AND MINERALS</b>			<b>3</b>	<b>5.6%</b>
1.85%	1	FLUORIDE (EXCLUDING VITAMINS, HF & MOUTHWASH)		
1.85%	1	IRON (EXCLUDING VITAMINS WITH IRON)		
1.85%	1	SODIUM AND SODIUM SALTS		
<b>GASTROINTESTINAL PREPARATIONS</b>			<b>3</b>	<b>5.6%</b>
3.70%	2	LAXATIVE		
1.85%	1	GASTROINTESTINAL PREP: OTHER		
<b>VITAMINS</b>			<b>3</b>	<b>5.6%</b>
1.85%	1	MULTI VITAMIN-TABLET: ADULT WITHOUT IRON OR FLUORIDE		
1.85%	1	MULTI VITAMIN-TABLET: CHILD WITH FLUORIDE (NO IRON)		
1.85%	1	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
<b>ANESTHETICS</b>			<b>2</b>	<b>3.7%</b>
3.70%	2	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN		
<b>ANTIDEPRESSANTS</b>			<b>2</b>	<b>3.7%</b>
1.85%	1	OTHER ANTIDEPRESSANT		

Drug Related Substances

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1.85%	1	SSRI		
<b>ANTIMICROBIALS</b>			<b>2</b>	<b>3.7%</b>
1.85%	1	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
1.85%	1	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
<b>OTHERS</b>			<b>7</b>	<b>13.0%</b>
1.85%	1	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
1.85%	1	CORTICOSTEROID		
1.85%	1	ESTROGEN (EXCLUDING DIETARY SUPPLEMENT)		
1.85%	1	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
1.85%	1	ATYPICAL ANTIPSYCHOTIC		
1.85%	1	BENZODIAZEPINE		
1.85%	1	AMPHETAMINE AND RELATED COMPOUND		
	<b>54</b>	<b>Grand Total</b>		

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**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>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>13</b>	<b>22.8%</b>
7.02%	4	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
3.51%	2	GLASS CLEANER: ISOPROPANOL		
1.75%	1	AUTOMATIC DISHWASHER DETERGENT: OTHER/UNKNOWN		
1.75%	1	AUTOMATIC DISHWASHER DETERGENT: TABLET		
1.75%	1	CARPET/UPHOLSTERY/LEATHER/VINYL CLEANER		
1.75%	1	CLEANSER: 'ANIONIC/NONIONIC		
1.75%	1	HAND DISHWASHING DETERGENT: OTHER/UNKNOWN		
1.75%	1	MISC. CLEANING AGENT: ANIONIC/NONIONIC		
1.75%	1	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: GLYCOLS		
<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>10</b>	<b>17.5%</b>
7.02%	4	OTHER FOREIGN BODY		
5.26%	3	TOY		
3.51%	2	DESICCANT		
1.75%	1	THERMOMETER: OTHER		
<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>8</b>	<b>14.0%</b>
3.51%	2	DEODORANT		
3.51%	2	TOOTHPASTE WITH FLUORIDE		
1.75%	1	ACRYLIC NAIL ADHESIVE		
1.75%	1	CREAM/LOTION/MAKE-UP		
1.75%	1	HAIR RINSE/CONDITIONER/RELAXER		
1.75%	1	LIPSTICK/BALM, WITHOUT CAMPHOR		
<b>DEODORIZERS</b>			<b>5</b>	<b>8.8%</b>
3.51%	2	AIR FRESHENER: LIQUID		
3.51%	2	DEODORIZER: OTHER, NOT FOR PERSONAL USE		
1.75%	1	AIR FRESHENER: OTHER/UNKNOWN FORMULATION		
<b>PLANTS</b>			<b>5</b>	<b>8.8%</b>
5.26%	3	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)		
3.51%	2	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC		
<b>HYDROCARBONS</b>			<b>3</b>	<b>5.3%</b>
1.75%	1	GASOLINE		
1.75%	1	LAMP OIL		
1.75%	1	LUBRICATING OIL/MOTOR OIL		
<b>PESTICIDES</b>			<b>3</b>	<b>5.3%</b>
1.75%	1	BORATE/BORIC ACID PESTICIDE		
1.75%	1	NAPHTHALENE MOTH REPELLENT		
1.75%	1	RODENTICIDE: UNKNOWN		
<b>FOOD PRODUCTS/FOOD POISONING</b>			<b>2</b>	<b>3.5%</b>
1.75%	1	CAPSICUM/PEPPERS (FOODS)		

Non-Drug Related Substances

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1.75%	1	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT		
<b>MUSHROOMS</b>			<b>2</b>	<b>3.5%</b>
3.51%	2	UNKNOWN MUSHROOM		
<b>POLISHES AND WAXES</b>			<b>2</b>	<b>3.5%</b>
1.75%	1	FURNITURE POLISH		
1.75%	1	MISC. POLISHES AND WAXES (EXCLUDING MINERAL SEAL OIL)		
<b>OTHERS</b>			<b>4</b>	<b>7.0%</b>
1.75%	1	NON-TOXIC (WHITE GLUE, PAPER GLUES)		
1.75%	1	OTHER ARTS/CRAFTS/WRITING PRODUCT		
1.75%	1	OTHER NON-DRUG SUBSTANCE		
1.75%	1	OTHER TYPE OF SWIMMING POOL OR AQUARIUM PRODUCT		
	<b>57</b>	<b>Grand Total</b>		

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**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**

Drug Related Substances		Count	Percentage
<b>ANALGESICS</b>		<b>5</b>	<b>33.3%</b>
13.33%	2 ACETAMINOPHEN: ADULT FORMULATION		
6.67%	1 ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
6.67%	1 APAP/ASA: WITH OTHER INGREDIENT		
6.67%	1 IBUPROFEN		
<b>TOPICAL PREPARATIONS</b>		<b>3</b>	<b>20.0%</b>
20.00%	3 OTHER RUBEFACIENT OR LINIMENT (EXCLUDE CAMPHOR, METHYL SALICYLATE)		
<b>ANTIDEPRESSANTS</b>		<b>2</b>	<b>13.3%</b>
6.67%	1 AMITRIPTYLINE		
6.67%	1 SSRI		
<b>COLD AND COUGH PREPARATIONS</b>		<b>2</b>	<b>13.3%</b>
6.67%	1 ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
6.67%	1 APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
<b>ANESTHETICS</b>		<b>1</b>	<b>6.7%</b>
6.67%	1 KETAMINE AND ANALOGS		
<b>ASTHMA THERAPIES</b>		<b>1</b>	<b>6.7%</b>
6.67%	1 TERBUTALINE AND OTHER BETA-2 AGONIST		
<b>STIMULANTS AND STREET DRUGS</b>		<b>1</b>	<b>6.7%</b>
6.67%	1 CAFFEINE		
	<b>15</b> 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>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>4</b>	<b>19.0%</b>
4.76%	1	CARPET/UPHOLSTERY/LEATHER/VINYL CLEANER		
4.76%	1	DISINFECTANT: HYPOCHLORITE, NON-BLEACH PRODUCT		
4.76%	1	DRAIN CLEANER: ALKALI		
4.76%	1	LAUNDRY PRE-WASH: OTHER/UNKNOWN		
<b>BITES AND ENVENOMATIONS</b>			<b>3</b>	<b>14.3%</b>
4.76%	1	NON-POISONOUS SNAKE BITE		
4.76%	1	OTHER SPIDER BITE/ENVENOMATION		
4.76%	1	UNKNOWN TYPE OF SNAKE BITE		
<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>3</b>	<b>14.3%</b>
9.52%	2	TOY		
4.76%	1	THERMOMETER: MERCURY		
<b>HEAVY METALS</b>			<b>2</b>	<b>9.5%</b>
9.52%	2	MERCURY: ELEMENTAL (EXCLUDING THERMOMETER)		
<b>HYDROCARBONS</b>			<b>2</b>	<b>9.5%</b>
9.52%	2	FREON/OTHER PROPELLANT		
<b>PESTICIDES</b>			<b>2</b>	<b>9.5%</b>
9.52%	2	INSECT REPELLENT WITH DEET		
<b>ALCOHOLS</b>			<b>1</b>	<b>4.8%</b>
4.76%	1	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
<b>ARTS/CRAFTS/OFFICE SUPPLIES</b>			<b>1</b>	<b>4.8%</b>
4.76%	1	PEN/INK		
<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>1</b>	<b>4.8%</b>
4.76%	1	NAIL POLISH REMOVER: OTHER		
<b>FOOD PRODUCTS/FOOD POISONING</b>			<b>1</b>	<b>4.8%</b>
4.76%	1	CAPSICUM/PEPPERS (FOODS)		
<b>OTHERS</b>			<b>1</b>	<b>4.8%</b>
4.76%	1	CHLORINE GAS		
	<b>21</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>18</b>	<b>20.9%</b>
11.63%	10	BENZODIAZEPINE		
5.81%	5	ATYPICAL ANTIPSYCHOTIC		
3.49%	3	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
<b>ANALGESICS</b>			<b>16</b>	<b>18.6%</b>
2.33%	2	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
2.33%	2	ACETAMINOPHEN: ADULT FORMULATION		
2.33%	2	METHADONE		
2.33%	2	MORPHINE		
2.33%	2	NAPROXEN		
1.16%	1	ACETAMINOPHEN WITH HYDROCODONE		
1.16%	1	ACETAMINOPHEN WITH OTHER OPIOID		
1.16%	1	ACETAMINOPHEN WITH OXYCODONE		
1.16%	1	ACETAMINOPHEN WITH PROPOXYPHENE		
1.16%	1	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
1.16%	1	OTHERS AGENTS		
<b>ANTIDEPRESSANTS</b>			<b>8</b>	<b>9.3%</b>
4.65%	4	SSRI		
2.33%	2	TRAZODONE		
1.16%	1	AMITRIPTYLINE		
1.16%	1	IMIPRAMINE		
<b>CARDIOVASCULAR DRUGS</b>			<b>8</b>	<b>9.3%</b>
3.49%	3	BETA BLOCKER (INCLUDE PROPRANOLOL)		
2.33%	2	ANTIHYPERTENSIVE		
1.16%	1	ACE INHIBITOR		
1.16%	1	ANGIOTENSIN RECEPTOR BLOCKER		
1.16%	1	VASOPRESSOR		
<b>ANTIHISTAMINES</b>			<b>6</b>	<b>7.0%</b>
4.65%	4	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
1.16%	1	CIMETIDINE AND OTHER H2 ANTAGONIST		
1.16%	1	DIPHENHYDRAMINE-ALONE (OTC)		
<b>MUSCLE RELAXANTS</b>			<b>5</b>	<b>5.8%</b>
3.49%	3	CARISOPRODOL (FORMULATED ALONE)		
2.33%	2	CYCLOBENZAPRINE		
<b>TOPICAL PREPARATIONS</b>			<b>5</b>	<b>5.8%</b>
2.33%	2	HYDROGEN PEROXIDE-3%		
1.16%	1	CALAMINE		
1.16%	1	METHYL SALICYLATE		
1.16%	1	OTHER RUBEFACIENT OR LINIMENT (EXCLUDE CAMPHOR, METHYL SALICYLATE)		
<b>STIMULANTS AND STREET DRUGS</b>			<b>4</b>	<b>4.7%</b>

**Drug Related Substances**

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1.16%	1	AMPHETAMINE AND RELATED COMPOUND
1.16%	1	EPHEDRINE
1.16%	1	HALLUCINOGENIC AMPHETAMINE
1.16%	1	HEROIN

**ANTICONVULSANTS**

**3**

**3.5%**

3.49%	3	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)
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**COLD AND COUGH PREPARATIONS**

**2**

**2.3%**

1.16%	1	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA
1.16%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID

**OTHERS**

**11**

**12.8%**

2.33%	2	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
1.16%	1	WARFARIN (EXCLUDING RODENTICIDES)
1.16%	1	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
1.16%	1	MULTI-BOTANICAL WITH CITRUS AURANTIUM
1.16%	1	NASAL DECON/SYPATHOMIMETIC (EXCLUDING TETRAHYDRAZOLINE)
1.16%	1	ANTACID: OTHER
1.16%	1	ANTIDIARRHEAL: DIPHENOXYLATE & ATROPINE
1.16%	1	UNKNOWN DRUG
1.16%	1	MULTI VITAMIN-TABLET: ADULT WITH IRON (NO FLUORIDE)
1.16%	1	MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)

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<b>86</b>	<b>Grand Total</b>
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**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>7</b>	<b>26.9%</b>
11.54%	3	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
3.85%	1	HAND DISHWASHING DETERGENT: OTHER/UNKNOWN		
3.85%	1	MISC. HOUSEHOLD CLEANING AGENT: OTHER/UNKNOWN		
3.85%	1	TOILET BOWL CLEANER: ALKALI		
3.85%	1	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ACID		
<b>ALCOHOLS</b>			<b>6</b>	<b>23.1%</b>
15.38%	4	ETHANOL (BEVERAGE)		
7.69%	2	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
<b>BITES AND ENVENOMATIONS</b>			<b>4</b>	<b>15.4%</b>
7.69%	2	NON-POISONOUS SNAKE BITE		
3.85%	1	BEE/WASP/HORNET BITE/ENVENOMATION		
3.85%	1	CAT BITE		
<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>3</b>	<b>11.5%</b>
3.85%	1	MOUTHWASH: ETHANOL-CONTAINING		
3.85%	1	NAIL POLISH REMOVER: UNKNOWN		
3.85%	1	SOAP (BAR, HAND OR COMPLEXION)		
<b>HYDROCARBONS</b>			<b>2</b>	<b>7.7%</b>
7.69%	2	GASOLINE		
<b>FOOD PRODUCTS/FOOD POISONING</b>			<b>1</b>	<b>3.8%</b>
3.85%	1	QUESTION ABOUT POSSIBLY SPOILED FOOD		
<b>FUMES/GASES/VAPORS</b>			<b>1</b>	<b>3.8%</b>
3.85%	1	PROPANE AND OTHER SIMPLE ASPHYXIANT		
<b>LACRIMATORS</b>			<b>1</b>	<b>3.8%</b>
3.85%	1	CAPSICUM DEFENSE SPRAY		
<b>PESTICIDES</b>			<b>1</b>	<b>3.8%</b>
3.85%	1	OTHER HERBICIDE		
	<b>26</b>	<b>Grand Total</b>		

## Routes of Exposure - Human Exposures

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	Number	Percentage
Bite or sting	7	3.24
Dermal exposure	22	10.19
Ingestion	163	75.46
Inhalational	10	4.63
Ocular exposure	11	5.09
EAR(S)/OTIC	1	0.46
Parenteral exposure	1	0.46
Other route of exposure	1	0.46
<b>GRAND TOTAL:</b>	<b>216</b>	<b>100%</b>

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

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## Treatments Performed

<b>DECONTAMINATION</b>				<b>181</b>	<b>86.19 %</b>
<b>Cathartic</b>				<b>6</b>	<b>2.86%</b>
PERFORMED - PCC RECOMMENDED	1	0.48	%		
PERFORMED - NOT RECOMMENDED (+NEED)	5	2.38	%		
<b>Dilute/Irrigate/Wash</b>				<b>135</b>	<b>64.29%</b>
PERFORMED - PCC RECOMMENDED	114	54.29	%		
PERFORMED - NOT RECOMMENDED (+NEED)	21	10.00	%		
<b>Food/Snack</b>				<b>4</b>	<b>1.90%</b>
PERFORMED - PCC RECOMMENDED	4	1.90	%		
<b>Fresh air</b>				<b>5</b>	<b>2.38%</b>
PERFORMED - PCC RECOMMENDED	5	2.38	%		
<b>Ipecac</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - PCC RECOMMENDED	1	0.48	%		
<b>Lavage</b>				<b>2</b>	<b>0.95%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.48	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.48	%		
<b>Multi-dose AC</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.48	%		
<b>Emetic, Other</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.48	%		
<b>Single Dose Activated Charcoal</b>				<b>26</b>	<b>12.38%</b>
PERFORMED - PCC RECOMMENDED	20	9.52	%		
PERFORMED - NOT RECOMMENDED (+NEED)	6	2.86	%		
<b>ANTIDOTAL</b>				<b>5</b>	<b>2.38 %</b>
<b>Flumazenil</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.48	%		
<b>PO NAC</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - PCC RECOMMENDED	1	0.48	%		
<b>Narcan</b>				<b>2</b>	<b>0.95%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.95	%		
<b>Vitamin K</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.48	%		
<b>GENERAL TREATMENT</b>				<b>24</b>	<b>11.43 %</b>
<b>Antiemetics</b>				<b>2</b>	<b>0.95%</b>
PERFORMED - PCC RECOMMENDED	1	0.48	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.48	%		
<b>Antihistamine</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - PCC RECOMMENDED	1	0.48	%		
<b>Benzodiazepines</b>				<b>2</b>	<b>0.95%</b>
PERFORMED - PCC RECOMMENDED	1	0.48	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.48	%		
<b>Bronchodilators</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - PCC RECOMMENDED	1	0.48	%		
<b>Calcium</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - PCC RECOMMENDED	1	0.48	%		

<b>IV Fluids</b>				<b>5</b>	<b>2.38%</b>
PERFORMED - PCC RECOMMENDED	3	1.43	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.95	%		
<b>Other Other Therapy</b>				<b>8</b>	<b>3.81%</b>
PERFORMED - PCC RECOMMENDED	5	2.38	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	1.43	%		
<b>Oxygen</b>				<b>3</b>	<b>1.43%</b>
PERFORMED - PCC RECOMMENDED	2	0.95	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.48	%		
<b>Steroids</b>				<b>1</b>	<b>0.48%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.48	%		
				<b>Grand Total:</b>	<b>210</b>

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