

## 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>SAINT MARY'S</b>	<b>24037</b>

<b>Maryland-MD</b>	<b>1</b>
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<b>Total Counties:</b>	<b>1</b>
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## Calls by Call Type

<b>Exposures</b>	<b>971</b>	<b>%</b>	<b>72.73</b>
<b>Human Exposures</b>	<b>940</b>	<b>%</b>	<b>70.41</b>
<b>Confirmed Exposure</b>	<b>938</b>	<b>%</b>	<b>70.26</b>
<b>Confirmed Nonexposure</b>	<b>2</b>	<b>%</b>	<b>0.15</b>
<b>Animal Exposures</b>	<b>31</b>	<b>%</b>	<b>2.32</b>
<b>Confirmed Exposure</b>	<b>31</b>	<b>%</b>	<b>2.32</b>
<b>Information Calls</b>	<b>364</b>	<b>%</b>	<b>27.27</b>
<b>Drug Information</b>	<b>133</b>	<b>%</b>	<b>9.96</b>
4.51%	<b>6</b>		Adverse effects (no known exposure)
0.75%	<b>1</b>		Brand/generic name clarifications
0.75%	<b>1</b>		Compounding
8.27%	<b>11</b>		Dosage
1.50%	<b>2</b>		Dosage form/formulation
0.75%	<b>1</b>		Drug use during breast-feeding
25.56%	<b>34</b>		Drug-drug interactions
0.75%	<b>1</b>		Drug-food interactions
6.02%	<b>8</b>		Indications/therapeutic use
0.75%	<b>1</b>		Medication administration
0.75%	<b>1</b>		Pharmacokinetics
2.26%	<b>3</b>		Pharmacology
2.26%	<b>3</b>		Regulatory
45.11%	<b>60</b>		Other
<b>Drug ID</b>	<b>126</b>	<b>%</b>	<b>9.44</b>
32.54%	<b>41</b>		Public - Drug sometimes involved in abuse
21.43%	<b>27</b>		Public - Drug not known to be abused
0.79%	<b>1</b>		Public - Unknown abuse potential
7.94%	<b>10</b>		Public - Unable to identify
3.17%	<b>4</b>		Health Prof - Drug sometimes involved in abuse
9.52%	<b>12</b>		Health Prof - Drug not known to be abused
3.97%	<b>5</b>		Law Enfrmnt - Drug sometimes involved in abuse
8.73%	<b>11</b>		Law Enfrmnt - Drug not known to be abused
11.90%	<b>15</b>		Other
<b>Environmental Info</b>	<b>3</b>	<b>%</b>	<b>0.22</b>
66.67%	<b>2</b>		Mercury thermometer cleanup
33.33%	<b>1</b>		Mercury (excluding thermometers) cleanup
<b>Medical Information</b>	<b>8</b>	<b>%</b>	<b>0.60</b>
62.50%	<b>5</b>		Diagnostic or treatment recommendations for diseases or conditions - non-toxicology
12.50%	<b>1</b>		General first-aid
25.00%	<b>2</b>		Other
<b>Poison Information</b>	<b>87</b>	<b>%</b>	<b>6.52</b>
1.15%	<b>1</b>		Food poisoning - no known patient(s)
5.75%	<b>5</b>		Food preparation/handling practices
31.03%	<b>27</b>		General toxicity
3.45%	<b>3</b>		Plant toxicity
5.75%	<b>5</b>		Safe use of household products
52.87%	<b>46</b>		Other
<b>Prevention/Safety</b>	<b>6</b>	<b>%</b>	<b>0.45</b>
33.33%	<b>2</b>		Confirmation of poison center number
66.67%	<b>4</b>		Poison prevention material requests
<b>Caller Referral</b>	<b>1</b>	<b>%</b>	<b>0.07</b>

100.00%      1 Immediate referral - private physician

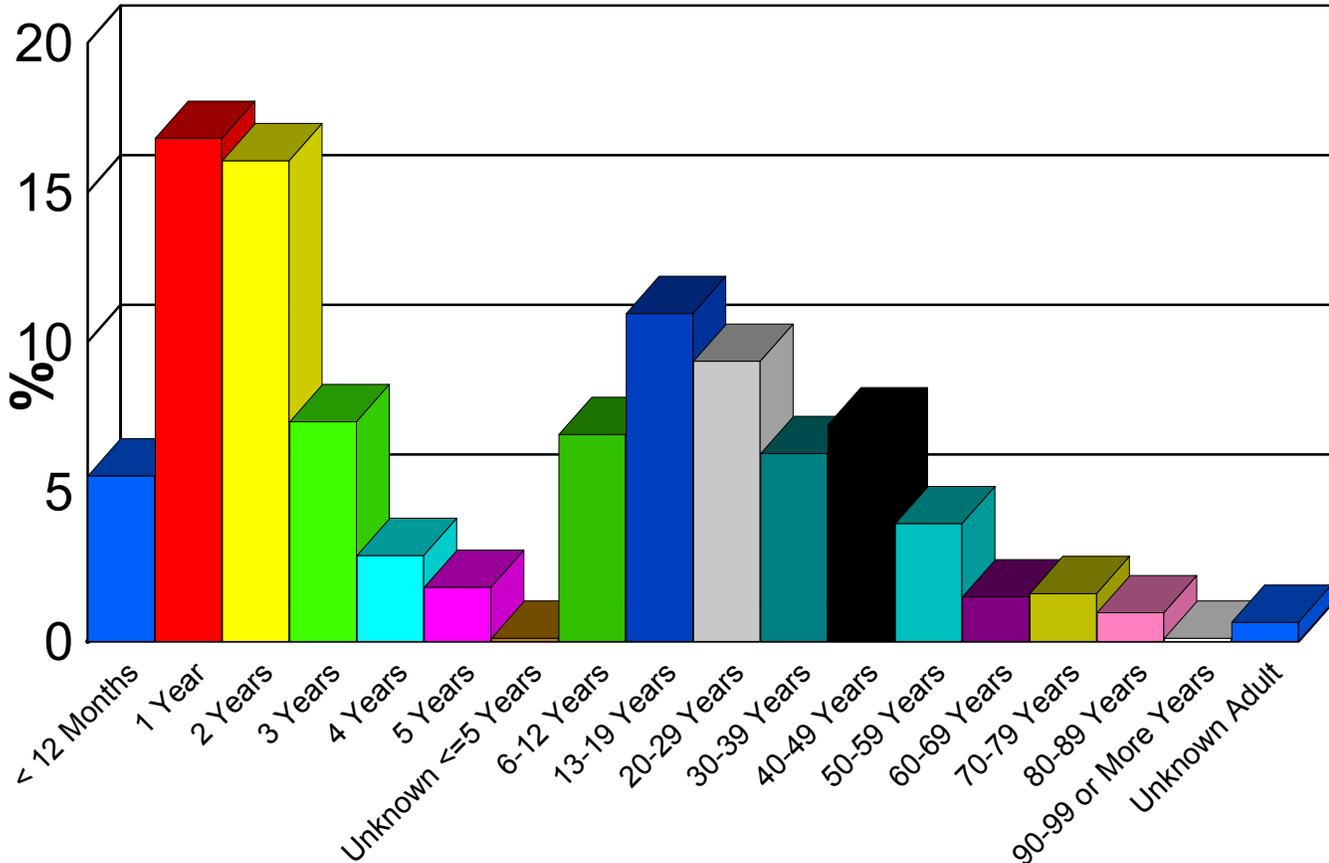
Grand Total:                          1,335                          %    100.00

## Patient Age & Sex Distribution by Age Groupings

<b>&lt; 12 Months</b>	<b>52</b>	<b>5.532%</b>
Male	31	59.62%
Female	21	40.38%
<b>1 Year</b>	<b>158</b>	<b>16.809%</b>
Male	77	48.73%
Female	81	51.27%
<b>2 Years</b>	<b>151</b>	<b>16.064%</b>
Male	86	56.95%
Female	65	43.05%
<b>3 Years</b>	<b>69</b>	<b>7.340%</b>
Male	36	52.17%
Female	33	47.83%
<b>4 Years</b>	<b>27</b>	<b>2.872%</b>
Male	14	51.85%
Female	13	48.15%
<b>5 Years</b>	<b>17</b>	<b>1.809%</b>
Male	10	58.82%
Female	7	41.18%
<b>Unknown &lt;=5 Years</b>	<b>1</b>	<b>0.106%</b>
Male	1	100.00%
<b>6-12 Years</b>	<b>65</b>	<b>6.915%</b>
Male	45	69.23%
Female	20	30.77%
<b>13-19 Years</b>	<b>103</b>	<b>10.957%</b>
Male	47	45.63%
Female	56	54.37%
<b>20-29 Years</b>	<b>88</b>	<b>9.362%</b>
Male	33	37.50%
Female	48	54.55%
Pregnant	7	7.95%
<b>30-39 Years</b>	<b>59</b>	<b>6.277%</b>
Male	24	40.68%
Female	35	59.32%

<b>40-49 Years</b>	<b>68</b>	<b>7.234%</b>
Male	23	33.82%
Female	45	66.18%
<b>50-59 Years</b>	<b>37</b>	<b>3.936%</b>
Male	16	43.24%
Female	21	56.76%
<b>60-69 Years</b>	<b>14</b>	<b>1.489%</b>
Male	4	28.57%
Female	10	71.43%
<b>70-79 Years</b>	<b>15</b>	<b>1.596%</b>
Male	5	33.33%
Female	10	66.67%
<b>80-89 Years</b>	<b>9</b>	<b>0.957%</b>
Male	5	55.56%
Female	4	44.44%
<b>90-99 or More Years</b>	<b>1</b>	<b>0.106%</b>
Male	1	100.00%
<b>Unknown Adult</b>	<b>6</b>	<b>0.638%</b>
Male	1	16.67%
Female	5	83.33%
<b>Grand Total:</b>	<b>940</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>434</b>	<b>91.37</b>
Female	201	46.31%		
Male	233	53.69%		
<b>In/enroute to HCF</b>			<b>26</b>	<b>5.47</b>
<b>Treated/evaluated and released</b>			<b>20</b>	<b>4.21</b>
Female	9	45.00%		
Male	11	55.00%		
<b>Admitted to critical care unit</b>			<b>1</b>	<b>0.21</b>
Female	1	100.00%		
<b>Admitted to noncritical care unit</b>			<b>1</b>	<b>0.21</b>
Male	1	100.00%		
<b>Patient lost to follow-up/left AMA</b>			<b>4</b>	<b>0.84</b>
Female	2	50.00%		
Male	2	50.00%		
<b>Referred to HCF</b>			<b>15</b>	<b>3.16</b>
<b>Treated/evaluated and released</b>			<b>11</b>	<b>2.32</b>
Female	5	45.45%		
Male	6	54.55%		
<b>Admitted to noncritical care unit</b>			<b>2</b>	<b>0.42</b>
Male	2	100.00%		
<b>Patient REFUSED referral/NO SHOW</b>			<b>2</b>	<b>0.42</b>
Female	2	100.00%		
			<b>475</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><u>89</u></b>	<b><u>52.98</u></b>
Female	37	41.57%		
Male	52	58.43%		
<b>In/enroute to HCF</b>			<b><u>48</u></b>	<b><u>28.57</u></b>
<b>Treated/evaluated and released</b>			<b><u>29</u></b>	<b><u>17.26</u></b>
Female	13	44.83%		
Male	16	55.17%		
<b>Admitted to critical care unit</b>			<b><u>10</u></b>	<b><u>5.95</u></b>
Female	6	60.00%		
Male	4	40.00%		
<b>Admitted to noncritical care unit</b>			<b><u>2</u></b>	<b><u>1.19</u></b>
Female	2	100.00%		
<b>Admitted to psychiatric facility</b>			<b><u>7</u></b>	<b><u>4.17</u></b>
Female	6	85.71%		
Male	1	14.29%		
<b>Referred to HCF</b>			<b><u>16</u></b>	<b><u>9.52</u></b>
<b>Treated/evaluated and released</b>			<b><u>13</u></b>	<b><u>7.74</u></b>
Female	7	53.85%		
Male	6	46.15%		
<b>Admitted to noncritical care unit</b>			<b><u>1</u></b>	<b><u>0.60</u></b>
Male	1	100.00%		
<b>Patient lost to follow-up/left AMA</b>			<b><u>1</u></b>	<b><u>0.60</u></b>
Male	1	100.00%		
<b>Patient REFUSED referral/NO SHOW</b>			<b><u>1</u></b>	<b><u>0.60</u></b>
Male	1	100.00%		
<b>Other *(code)</b>			<b><u>15</u></b>	<b><u>8.93</u></b>
Female	5	33.33%		
Male	10	66.67%		
			<b><u>168</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><u>139</u></b>	<b><u>46.80</u></b>
Female	94	67.63%		
Male	40	28.78%		
Pregnant	5	3.60%		
<b>In/enroute to HCF</b>			<b><u>129</u></b>	<b><u>43.43</u></b>
<b>Treated/evaluated and released</b>			<b>81</b>	<b>27.27</b>
Female	40	49.38%		
Male	40	49.38%		
Pregnant	1	1.23%		
<b>Admitted to critical care unit</b>			<b>22</b>	<b>7.41</b>
Female	11	50.00%		
Male	11	50.00%		
<b>Admitted to noncritical care unit</b>			<b>7</b>	<b>2.36</b>
Female	4	57.14%		
Male	2	28.57%		
Pregnant	1	14.29%		
<b>Admitted to psychiatric facility</b>			<b>16</b>	<b>5.39</b>
Female	9	56.25%		
Male	7	43.75%		
<b>Patient lost to follow-up/left AMA</b>			<b>2</b>	<b>0.67</b>
Female	1	50.00%		
Male	1	50.00%		
<b>N/A</b>			<b>1</b>	<b>0.34</b>
Female	1	100.00%		
<b>Referred to HCF</b>			<b><u>26</u></b>	<b><u>8.75</u></b>
<b>Treated/evaluated and released</b>			<b>10</b>	<b>3.37</b>
Female	8	80.00%		
Male	2	20.00%		
<b>Admitted to critical care unit</b>			<b>4</b>	<b>1.35</b>
Female	2	50.00%		
Male	2	50.00%		
<b>Admitted to noncritical care unit</b>			<b>2</b>	<b>0.67</b>
Female	1	50.00%		
Male	1	50.00%		
<b>Admitted to psychiatric facility</b>			<b>5</b>	<b>1.68</b>
Female	2	40.00%		
Male	3	60.00%		
<b>Patient lost to follow-up/left AMA</b>			<b>2</b>	<b>0.67</b>
Female	2	100.00%		
<b>Patient REFUSED referral/NO SHOW</b>			<b>2</b>	<b>0.67</b>
Female	2	100.00%		
<b>N/A</b>			<b>1</b>	<b>0.34</b>
Male	1	100.00%		
<b>Other *(code)</b>			<b><u>3</u></b>	<b><u>1.01</u></b>
Female	1	33.33%		
Male	2	66.67%		

<u>297</u>	<u>100 %</u>
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## Reason for Exposure

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<b>Unintentional</b>	<b>80.09%</b>	<b>752</b>
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Unintentional/General	56.76%	533
Unintentional/Environmental	0.43%	4
Unintentional/Occupational	1.92%	18
Unintentional/Therapeutic Error	10.76%	101
Unintentional/Misuse	6.39%	60
Unintentional/Bite or Sting	3.83%	36
<b>Intentional</b>	<b>17.04%</b>	<b>160</b>
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Intentional/Suspected Suicide	12.25%	115
Intentional/Misuse	2.88%	27
Intentional/Abuse	1.60%	15
Intentional/Unknown	0.32%	3
<b>Other</b>	<b>2.88%</b>	<b>27</b>
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Contamination/Tampering	0.64%	6
Malicious	0.43%	4
Adverse Reaction/Drug	1.38%	13
Adverse Reaction/Other	0.21%	2
Unknown Reason	0.21%	2
<b>Grand Total:</b>		<b>939</b>
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## Reason for Exposure by Age Category

<b>Children 5 years and under</b>	<b>50.59%</b>	<b>475</b>
<b>Unintentional</b>	<b>50.59%</b>	<b>475</b>
Unintentional/General	45.58%	428
Unintentional/Therapeutic Error	3.73%	35
Unintentional/Misuse	0.32%	3
Unintentional/Bite or Sting	0.96%	9
<b>Children 6 to 19 years</b>	<b>17.89%</b>	<b>168</b>
<b>Unintentional</b>	<b>11.40%</b>	<b>107</b>
Unintentional/General	6.39%	60
Unintentional/Environmental	0.11%	1
Unintentional/Occupational	0.43%	4
Unintentional/Therapeutic Error	1.81%	17
Unintentional/Misuse	2.13%	20
Unintentional/Bite or Sting	0.53%	5
<b>Intentional</b>	<b>5.54%</b>	<b>52</b>
Intentional/Suspected Suicide	3.41%	32
Intentional/Misuse	1.17%	11
Intentional/Abuse	0.85%	8
Intentional/Unknown	0.11%	1
<b>Other Reason</b>	<b>0.96%</b>	<b>9</b>
Contamination/Tampering	0.32%	3
Malicious	0.32%	3
Adverse Reaction/Drug	0.21%	2
Unknown Reason	0.11%	1
<b>Adults 20 years or older</b>	<b>31.52%</b>	<b>296</b>
<b>Unintentional</b>	<b>18.10%</b>	<b>170</b>
Unintentional/General	4.79%	45
Unintentional/Environmental	0.32%	3
Unintentional/Occupational	1.49%	14
Unintentional/Therapeutic Error	5.22%	49
Unintentional/Misuse	3.94%	37
Unintentional/Bite or Sting	2.34%	22
<b>Intentional</b>	<b>11.50%</b>	<b>108</b>
Intentional/Suspected Suicide	8.84%	83
Intentional/Misuse	1.70%	16
Intentional/Abuse	0.75%	7
Intentional/Unknown	0.21%	2
<b>Other Reason</b>	<b>1.92%</b>	<b>18</b>
Contamination/Tampering	0.32%	3

Malicious	0.11%	1
Adverse Reaction/Drug	1.17%	11
Adverse Reaction/Other	0.21%	2
Unknown Reason	0.11%	1
<b>Grand Total:</b>		<b>939</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>662</b>	<b>70.43%</b>	
2.87%	No effect	19	2.02%	2.87%
4.08%	Minor effect	27	2.87%	4.08%
0.30%	Moderate effect	2	0.21%	0.30%
34.14%	Judged as nontoxic - expect no effect	226	24.04%	34.14%
57.55%	Minimal clinical effects possible	381	40.53%	57.55%
0.15%	Unable to follow - potentially toxic exposure	1	0.11%	0.15%
0.91%	Unrelated - probably not responsible	6	0.64%	0.91%
<b>Managed in HCF</b>		<b>255</b>	<b>27.13%</b>	
<b>Treated/evaluated and released</b>		<b><u>17.45%</u></b>	<b><u>164</u></b>	<b><u>64.31%</u></b>
21.34%	No effect	35	3.72%	13.73%
43.29%	Minor effect	71	7.55%	27.84%
7.93%	Moderate effect	13	1.38%	5.10%
3.05%	Judged as nontoxic - expect no effect	5	0.53%	1.96%
17.68%	Minimal clinical effects possible	29	3.09%	11.37%
0.61%	Unable to follow - potentially toxic exposure	1	0.11%	0.39%
5.49%	Unrelated - probably not responsible	9	0.96%	3.53%
0.61%	Confirmed non exposure	1	0.11%	0.39%
<b>Admitted to critical care unit</b>		<b><u>3.94%</u></b>	<b><u>37</u></b>	<b><u>14.51%</u></b>
5.41%	No effect	2	0.21%	0.78%
35.14%	Minor effect	13	1.38%	5.10%
40.54%	Moderate effect	15	1.60%	5.88%
13.51%	Major effect	5	0.53%	1.96%
5.41%	Unrelated - probably not responsible	2	0.21%	0.78%
<b>Admitted to noncritical care unit</b>		<b><u>1.60%</u></b>	<b><u>15</u></b>	<b><u>5.88%</u></b>
60.00%	Minor effect	9	0.96%	3.53%
20.00%	Moderate effect	3	0.32%	1.18%
6.67%	Judged as nontoxic - expect no effect	1	0.11%	0.39%
6.67%	Minimal clinical effects possible	1	0.11%	0.39%
6.67%	Confirmed non exposure	1	0.11%	0.39%
<b>Admitted to psychiatric facility</b>		<b><u>2.98%</u></b>	<b><u>28</u></b>	<b><u>10.98%</u></b>
17.86%	No effect	5	0.53%	1.96%
50.00%	Minor effect	14	1.49%	5.49%
10.71%	Moderate effect	3	0.32%	1.18%
10.71%	Minimal clinical effects possible	3	0.32%	1.18%
10.71%	Unrelated - probably not responsible	3	0.32%	1.18%
<b>Patient lost to follow-up/left AMA</b>		<b><u>0.96%</u></b>	<b><u>9</u></b>	<b><u>3.53%</u></b>
11.11%	Minor effect	1	0.11%	0.39%
55.56%	Minimal clinical effects possible	5	0.53%	1.96%
33.33%	Unable to follow - potentially toxic exposure	3	0.32%	1.18%
<b>N/A</b>		<b><u>0.21%</u></b>	<b><u>2</u></b>	<b><u>0.78%</u></b>
100.00%	N/A	2	0.21%	0.78%
<b>Other</b>		<b>18</b>	<b>1.91%</b>	

11.11%	Judged as nontoxic - expect no effect	2	0.21%	11.11%
83.33%	Minimal clinical effects possible	15	1.60%	83.33%
5.56%	Unrelated - probably not responsible	1	0.11%	5.56%
<b>Refused Referral</b>		<b>5</b>	<b>0.53%</b>	
100.00%	Unable to follow - potentially toxic exposure	5	0.53%	100.00%
		<b>940</b>	<b>100 %</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>164</u></b>	<b><u>63.1%</u></b>	
<b>In/enroute to HCF</b>	<b>130</b>	<b>50.0%</b>	<b>79.3%</b>
No effect	22	8.5%	16.9%
Minor effect	59	22.7%	45.4%
Moderate effect	9	3.5%	6.9%
Judged as nontoxic - expect no effect	5	1.9%	3.8%
Minimal clinical effects possible	26	10.0%	20.0%
Unrelated - probably not responsible	8	3.1%	6.2%
Confirmed non exposure	1	0.4%	0.8%
<b>Referred to HCF</b>	<b>34</b>	<b>13.1%</b>	<b>20.7%</b>
No effect	13	5.0%	38.2%
Minor effect	12	4.6%	35.3%
Moderate effect	4	1.5%	11.8%
Minimal clinical effects possible	3	1.2%	8.8%
Unable to follow - potentially toxic exposure	1	0.4%	2.9%
Unrelated - probably not responsible	1	0.4%	2.9%
<b>Admitted to critical care unit</b>	<b><u>37</u></b>	<b><u>14.2%</u></b>	
<b>In/enroute to HCF</b>	<b>33</b>	<b>12.7%</b>	<b>89.2%</b>
No effect	2	0.8%	6.1%
Minor effect	12	4.6%	36.4%
Moderate effect	13	5.0%	39.4%
Major effect	4	1.5%	12.1%
Unrelated - probably not responsible	2	0.8%	6.1%
<b>Referred to HCF</b>	<b>4</b>	<b>1.5%</b>	<b>10.8%</b>
Minor effect	1	0.4%	25.0%
Moderate effect	2	0.8%	50.0%
Major effect	1	0.4%	25.0%
<b>Admitted to noncritical care unit</b>	<b><u>15</u></b>	<b><u>5.8%</u></b>	
<b>In/enroute to HCF</b>	<b>10</b>	<b>3.8%</b>	<b>66.7%</b>
Minor effect	6	2.3%	60.0%
Moderate effect	2	0.8%	20.0%
Judged as nontoxic - expect no effect	1	0.4%	10.0%
Minimal clinical effects possible	1	0.4%	10.0%
<b>Referred to HCF</b>	<b>5</b>	<b>1.9%</b>	<b>33.3%</b>

Minor effect	3	1.2%	60.0%
Moderate effect	1	0.4%	20.0%
Confirmed non exposure	1	0.4%	20.0%
<b>Admitted to psychiatric facility</b>	<b><u>28</u></b>	<b><u>10.8%</u></b>	
<b>In/enroute to HCF</b>	<b>23</b>	<b>8.8%</b>	<b>82.1%</b>
No effect	5	1.9%	21.7%
Minor effect	10	3.8%	43.5%
Moderate effect	2	0.8%	8.7%
Minimal clinical effects possible	3	1.2%	13.0%
Unrelated - probably not responsible	3	1.2%	13.0%
<b>Referred to HCF</b>	<b>5</b>	<b>1.9%</b>	<b>17.9%</b>
Minor effect	4	1.5%	80.0%
Moderate effect	1	0.4%	20.0%
<b>Patient lost to follow-up/left AMA</b>	<b><u>9</u></b>	<b><u>3.5%</u></b>	
<b>In/enroute to HCF</b>	<b>6</b>	<b>2.3%</b>	<b>66.7%</b>
Minor effect	1	0.4%	16.7%
Minimal clinical effects possible	3	1.2%	50.0%
Unable to follow - potentially toxic exposure	2	0.8%	33.3%
<b>Referred to HCF</b>	<b>3</b>	<b>1.2%</b>	<b>33.3%</b>
Minimal clinical effects possible	2	0.8%	66.7%
Unable to follow - potentially toxic exposure	1	0.4%	33.3%
<b>Patient REFUSED referral/NO SHOW</b>	<b><u>5</u></b>	<b><u>1.9%</u></b>	
<b>Referred to HCF</b>	<b>5</b>	<b>1.9%</b>	<b>100.0%</b>
Unable to follow - potentially toxic exposure	5	1.9%	100.0%
<b>N/A</b>	<b><u>2</u></b>	<b><u>0.8%</u></b>	
<b>In/enroute to HCF</b>	<b>1</b>	<b>0.4%</b>	<b>50.0%</b>
N/A	1	0.4%	100.0%
<b>Referred to HCF</b>	<b>1</b>	<b>0.4%</b>	<b>50.0%</b>
N/A	1	0.4%	100.0%
	<b><u>260</u></b>	<b><u>100 %</u></b>	

Visual Dotlab/WBM Software

## Medical Outcomes

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	<u>Number</u>	<u>Percentag</u>
No Effect	61	6.50 %
Minor Effect	135	14.39 %
Moderate Effect	36	3.84 %
Major Effect	5	0.53 %
Not Followed, Judged as Nontoxic Exposure	234	24.95 %
Not Followed - Minimal Clinical Effects Possible	434	46.27 %
Unable to Follow - Potentially Toxic Exposure	10	1.07 %
Unrelated Effect	21	2.24 %
Outcome NOT Coded	2	0.21 %
Total:	<u>938</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>474</u></b>	<b><u>50.53%</u></b>	
No Effect	28	2.985%	5.91%
Minor Effect	21	2.239%	4.43%
Moderate Effect	3	0.320%	0.63%
Not Followed, Judged as Nontoxic Exposure	180	19.190%	37.97%
Not Followed - Minimal Clinical Effects Possible	235	25.053%	49.58%
Unable to Follow - Potentially Toxic Exposure	4	0.426%	0.84%
Unrelated Effect	3	0.320%	0.63%
<b>Children 6 to 19 years</b>	<b><u>168</u></b>	<b><u>17.91%</u></b>	
No Effect	14	1.493%	8.33%
Minor Effect	40	4.264%	23.81%
Moderate Effect	5	0.533%	2.98%
Major Effect	2	0.213%	1.19%
Not Followed, Judged as Nontoxic Exposure	21	2.239%	12.50%
Not Followed - Minimal Clinical Effects Possible	80	8.529%	47.62%
Unable to Follow - Potentially Toxic Exposure	1	0.107%	0.60%
Unrelated Effect	5	0.533%	2.98%
<b>Adult 20 years or more</b>	<b><u>296</u></b>	<b><u>31.56%</u></b>	
No Effect	19	2.026%	6.42%
Minor Effect	74	7.889%	25.00%
Moderate Effect	28	2.985%	9.46%
Major Effect	3	0.320%	1.01%
Not Followed, Judged as Nontoxic Exposure	33	3.518%	11.15%
Not Followed - Minimal Clinical Effects Possible	119	12.687%	40.20%
Unable to Follow - Potentially Toxic Exposure	5	0.533%	1.69%
Unrelated Effect	13	1.386%	4.39%
Outcome NOT Coded	2	0.213%	0.68%
<b>Total:</b>	<b><u>938</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>
10.13%	23	DIAPER CARE/RASH PRODUCT		
2.20%	5	METHYL SALICYLATE		
1.76%	4	OTHER TOPICAL ANTISEPTIC		
1.76%	4	TOPICAL STEROID		
1.32%	3	CALAMINE		
1.32%	3	CAMPHOR		
0.44%	1	ACNE PREPARATION		
0.44%	1	CAMPHOR AND METHYL SALICYLATE		
0.44%	1	HYDROGEN PEROXIDE-3%		
0.44%	1	OTHER RUBEFACIENT OR LINIMENT (EXCLUDE CAMPHOR, METHYL SALICYLATE)		
0.44%	1	OTHERS AGENTS		
<b>COLD AND COUGH PREPARATIONS</b>			<b>35</b>	<b>15.4%</b>
4.85%	11	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
3.96%	9	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
3.08%	7	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.32%	3	OTHER DEXTROMETHORPHAN PREPARATION		
0.44%	1	ANTIHISTAMINE/DECON/CODEINE/WITHOUT PPA		
0.44%	1	ANTIHISTAMINE/DECON/PPA/WITHOUT OPIOID		
0.44%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
0.44%	1	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
0.44%	1	UNKNOWN COUGH/COLD PREPARATION		
<b>ANALGESICS</b>			<b>32</b>	<b>14.1%</b>
7.93%	18	IBUPROFEN		
1.76%	4	ACETAMINOPHEN: ADULT FORMULATION		
1.32%	3	ACETAMINOPHEN: PEDIATRIC FORMULATION		
0.88%	2	OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG		
0.44%	1	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
0.44%	1	COX-2 INHIBITOR		
0.44%	1	INDOMETHACIN		
0.44%	1	NAPROXEN		
0.44%	1	OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)		
<b>VITAMINS</b>			<b>23</b>	<b>10.1%</b>
4.85%	11	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
2.20%	5	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
1.32%	3	VITAMIN E		
0.44%	1	MULTI VITAMIN-LIQUID: CHILD WITHOUT IRON OR FLUORIDE		
0.44%	1	MULTI VITAMIN-TABLET: ADULT WITH IRON & FLUORIDE		
0.44%	1	MULTI VITAMIN-TABLET: CHILD WITH FLUORIDE (NO IRON)		
0.44%	1	VITAMIN C		

Drug Related Substances

ANTIHISTAMINES			17	7.5%
5.29%	12	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
1.76%	4	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		
0.44%	1	CIMETIDINE AND OTHER H2 ANTAGONIST		
GASTROINTESTINAL PREPARATIONS			17	7.5%
2.64%	6	GASTROINTESTINAL PREP: OTHER		
2.20%	5	ANTACID: OTHER		
1.32%	3	LAXATIVE		
0.44%	1	ANTACID: SALICYLATE-CONTAINING		
0.44%	1	ANTISPASMODIC: OTHER		
0.44%	1	PROTON PUMP INHIBITOR		
ANTIMICROBIALS			9	4.0%
2.20%	5	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
1.76%	4	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
ELECTROLYTES AND MINERALS			8	3.5%
2.20%	5	FLUORIDE (EXCLUDING VITAMINS, HF & MOUTHWASH)		
0.44%	1	CALCIUM AND CALCIUM SALTS		
0.44%	1	IRON (EXCLUDING VITAMINS WITH IRON)		
0.44%	1	POTASSIUM AND POTASSIUM SALTS		
HORMONES AND HORMONE ANTAGONISTS			8	3.5%
2.20%	5	ORAL CONTRACEPTIVE		
0.44%	1	CORTICOSTEROID		
0.44%	1	ORAL HYPOGLYCEMIC: THIAZOLIDINEDIONE		
0.44%	1	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		
ASTHMA THERAPIES			6	2.6%
1.76%	4	ALBUTEROL		
0.44%	1	LEUKOTRIENE ANTAGONIST/INHIBITOR		
0.44%	1	OTHER ASTHMA THERAPEUTIC AGENT		
OTHERS			25	11.0%
0.88%	2	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN		
0.88%	2	CALCIUM ANTAGONIST		
0.88%	2	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
0.88%	2	ATYPICAL ANTIPSYCHOTIC		
0.44%	1	CARBAMAZEPINE		
0.44%	1	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
0.44%	1	VALPROIC ACID		
0.44%	1	SSRI		
0.44%	1	ANTIHYPERTENSIVE		
0.44%	1	ANTIHYPERTENSIVE (EXCLUDING DIURETIC)		
4.85%	11	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

COSMETICS/PERSONAL CARE PRODUCTS			59	22.3%
3.41%	9	DEODORANT		
2.65%	7	PERFUME/COLOGNE/AFTERSHAVE		
2.27%	6	BATH OIL/BUBBLE BATH		
1.89%	5	CREAM/LOTION/MAKE-UP		
1.89%	5	NAIL POLISH		
1.89%	5	SOAP (BAR, HAND OR COMPLEXION)		
1.14%	3	LIPSTICK/BALM, WITHOUT CAMPHOR		
1.14%	3	TOOTHPASTE WITH FLUORIDE		
0.76%	2	MOUTHWASH: ETHANOL-CONTAINING		
0.76%	2	MOUTHWASH: FLUORIDE CONTAINING		
4.55%	12	OTHERS AGENTS		
CLEANING SUBSTANCES (HOUSEHOLD)			44	16.7%
3.41%	9	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
1.52%	4	DISINFECTANT: OTHER/UNKNOWN		
1.14%	3	MISC. HOUSEHOLD CLEANING AGENT: OTHER/UNKNOWN		
0.76%	2	DISINFECTANT: HYPOCHLORITE, NON-BLEACH PRODUCT		
0.76%	2	DISINFECTANT: PHENOL (EG, LYSOL)		
0.76%	2	LAUNDRY DETERGENT: GRANULAR		
0.76%	2	LAUNDRY DETERGENT: LIQUID		
0.76%	2	MISC. CLEANING AGENT: ACID		
0.76%	2	TOILET BOWL CLEANER: OTHER/UNKNOWN		
0.38%	1	AUTOMATIC DISHWASHER DETERGENT: GRANULAR		
5.68%	15	OTHERS AGENTS		
FOREIGN BODIES/TOYS/MISCELLANEOUS			38	14.4%
5.30%	14	DESICCANT		
3.41%	9	TOY		
2.27%	6	BUBBLE BLOWING SOLUTION		
1.14%	3	OTHER FOREIGN BODY		
0.76%	2	THERMOMETER: UNKNOWN TYPE		
0.38%	1	COIN		
0.38%	1	FECES/URINE		
0.38%	1	SOIL		
0.38%	1	THERMOMETER: OTHER		
PLANTS			21	8.0%
3.03%	8	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)		
1.52%	4	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC		
1.14%	3	PLANT: DERMATITIS (NON-OXALATE)		
1.14%	3	PLANT: OXALATE		
0.76%	2	PLANT: NON-TOXIC		
0.38%	1	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE		

Non-Drug Related Substances

PESTICIDES			20	7.6%
1.52%	4	INSECT REPELLENT WITH DEET		
1.52%	4	LONG-ACTING ANTICOAGULANT RODENTICIDE		
1.14%	3	OTHER INSECTICIDE		
0.76%	2	PYRETHRIN		
0.76%	2	PYRETHROID		
0.38%	1	BORATE/BORIC ACID PESTICIDE		
0.38%	1	GLYPHOSATE		
0.38%	1	INSECT REPELLENT WITHOUT DEET		
0.38%	1	PIPERONYL BUTOXIDE & PYRETHRINS (WITHOUT CARBAMATE OR O.P.)		
0.38%	1	UNKNOWN MOTHBALL OR MOTH REPELLENT		
BITES AND ENVENOMATIONS			11	4.2%
0.76%	2	JELLYFISH AND OTHER COELENTERATE ENVENOMATION		
0.76%	2	OTHER SPIDER BITE/ENVENOMATION		
0.76%	2	UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION		
0.38%	1	BEE/WASP/HORNET BITE/ENVENOMATION		
0.38%	1	MOSQUITO BITE/ENVENOMATION		
0.38%	1	NON-POISONOUS SNAKE BITE		
0.38%	1	OTHER INSECT BITE/ENVENOMATION		
0.38%	1	TICK BITE/ENVENOMATION		
DEODORIZERS			9	3.4%
1.14%	3	AIR FRESHENER: OTHER/UNKNOWN FORMULATION		
1.14%	3	DEODORIZER: OTHER, NOT FOR PERSONAL USE		
0.76%	2	AIR FRESHENER: LIQUID		
0.38%	1	AIR FRESHENER: SOLID		
PAINTS AND STRIPPING AGENTS			9	3.4%
2.65%	7	PAINT: WATER BASE (ACRYLIC, LATEX)		
0.38%	1	PAINT: OIL-BASE		
0.38%	1	STRIPPING AGENT: UNKNOWN		
ARTS/CRAFTS/OFFICE SUPPLIES			8	3.0%
1.14%	3	OTHER ARTS/CRAFTS/WRITING PRODUCT		
0.38%	1	ARTIST PAINT, NON-WATER COLOR		
0.38%	1	CHALK		
0.38%	1	CLAY		
0.38%	1	PEN/INK		
0.38%	1	TYPEWRITER CORRECTION FLUID		
ALCOHOLS			7	2.7%
1.52%	4	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
1.14%	3	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
OTHERS			38	14.4%
1.89%	5	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT		
1.14%	3	CYANOACRYLATE		
1.14%	3	AQUARIUM PRODUCT: MISCELLANEOUS		
0.76%	2	DISC BATTERY: UNKNOWN		

**Non-Drug Related Substances**

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0.76%	2	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)
0.76%	2	GASOLINE
0.76%	2	UNKNOWN MUSHROOM
0.38%	1	UNKNOWN TYPE OF ADHESIVE, GLUE, CEMENT OR PASTE
0.38%	1	OTHER TYPE OF AUTOMOTIVE/AIRCRAFT/BOAT PRODUCT
0.38%	1	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY
6.06%	16	OTHERS AGENTS
	<hr/>	
	264	<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**

<b>ANALGESICS</b>			<b>40</b>	<b>29.9%</b>
8.96%	12	ACETAMINOPHEN: ADULT FORMULATION		
7.46%	10	IBUPROFEN		
2.24%	3	ACETAMINOPHEN WITH CODEINE		
2.24%	3	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
2.24%	3	NAPROXEN		
1.49%	2	ACETAMINOPHEN WITH OTHER OPIOID		
1.49%	2	ACETAMINOPHEN WITH OXYCODONE		
1.49%	2	APAP/ASA: WITH OTHER INGREDIENT		
1.49%	2	ASPIRIN: ADULT FORMULATION		
0.75%	1	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
<b>COLD AND COUGH PREPARATIONS</b>			<b>24</b>	<b>17.9%</b>
5.22%	7	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
4.48%	6	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
4.48%	6	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.49%	2	OTHER DEXTROMETHORPHAN PREPARATION		
0.75%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
0.75%	1	ASA/DECON/ANTIHISTAMINE/PPA/WITHOUT OPIOID		
0.75%	1	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
<b>ANTIDEPRESSANTS</b>			<b>14</b>	<b>10.4%</b>
7.46%	10	SSRI		
0.75%	1	AMITRIPTYLINE		
0.75%	1	LITHIUM		
0.75%	1	TRAZODONE		
0.75%	1	UNKNOWN ANTIDEPRESSANT		
<b>SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS</b>			<b>14</b>	<b>10.4%</b>
5.97%	8	ATYPICAL ANTIPSYCHOTIC		
2.99%	4	BENZODIAZEPINE		
0.75%	1	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.75%	1	SLEEP AID-OTC (EXCLUDING DIPHENHYDRAMINE)		
<b>ANTIHISTAMINES</b>			<b>9</b>	<b>6.7%</b>
6.72%	9	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
<b>HORMONES AND HORMONE ANTAGONISTS</b>			<b>6</b>	<b>4.5%</b>
1.49%	2	ORAL CONTRACEPTIVE		
1.49%	2	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)		
0.75%	1	ANDROGEN (EXCLUDING DIETARY SUPPLEMENTS)		
0.75%	1	INSULIN		
<b>STIMULANTS AND STREET DRUGS</b>			<b>6</b>	<b>4.5%</b>
1.49%	2	AMPHETAMINE AND RELATED COMPOUND		

**Drug Related Substances**

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0.75%	1	COCAINE		
0.75%	1	MARIJUANA		
0.75%	1	METHYLPHENIDATE		
0.75%	1	OTHER HALLUCINOGEN		
<b>ANTICONVULSANTS</b>			<b>3</b>	<b>2.2%</b>
1.49%	2	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
0.75%	1	VALPROIC ACID		
<b>ASTHMA THERAPIES</b>			<b>3</b>	<b>2.2%</b>
1.49%	2	TERBUTALINE AND OTHER BETA-2 AGONIST		
0.75%	1	ALBUTEROL		
<b>CARDIOVASCULAR DRUGS</b>			<b>3</b>	<b>2.2%</b>
0.75%	1	ACE INHIBITOR		
0.75%	1	ANGIOTENSIN RECEPTOR BLOCKER		
0.75%	1	CLONIDINE		
<b>OTHERS</b>			<b>12</b>	<b>9.0%</b>
1.49%	2	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
1.49%	2	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
1.49%	2	UNKNOWN DRUG		
0.75%	1	MULTI-BOTANICAL WITH MA HUANG		
0.75%	1	OTHER DIURETIC		
0.75%	1	OTIC PREP: OTHER		
0.75%	1	LAXATIVE		
0.75%	1	CARISOPRODOL (FORMULATED ALONE)		
0.75%	1	NIACIN (B3)		
	<b>134</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)  
Non-Drug Related**

**Non-Drug Related Substances**

<b>PESTICIDES</b>			<b>18</b>	<b>20.7%</b>
13.79%	12	PYRETHRIN		
3.45%	3	INSECT REPELLENT WITH DEET		
1.15%	1	GLYPHOSATE		
1.15%	1	ORGANOPHOSPHATE AND OTHER INSECTICIDE		
1.15%	1	PYRETHROID		
<b>PLANTS</b>			<b>11</b>	<b>12.6%</b>
11.49%	10	PLANT: OTHER TOXIC		
1.15%	1	PLANT: OXALATE		
<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>10</b>	<b>11.5%</b>
5.75%	5	OTHER FOREIGN BODY		
3.45%	3	TOY		
1.15%	1	THERMOMETER: MERCURY		
1.15%	1	THERMOMETER: UNKNOWN TYPE		
<b>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>9</b>	<b>10.3%</b>
3.45%	3	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
2.30%	2	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ANIONIC/NONIONIC		
1.15%	1	CARPET/UPHOLSTERY/LEATHER/VINYL CLEANER		
1.15%	1	GLASS CLEANER: ANIONIC/NONIONIC		
1.15%	1	LAUNDRY DETERGENT: LIQUID		
1.15%	1	TOILET BOWL CLEANER: ACID		
<b>ARTS/CRAFTS/OFFICE SUPPLIES</b>			<b>6</b>	<b>6.9%</b>
4.60%	4	PEN/INK		
1.15%	1	GLAZE		
1.15%	1	OTHER ARTS/CRAFTS/WRITING PRODUCT		
<b>BITES AND ENVENOMATIONS</b>			<b>6</b>	<b>6.9%</b>
2.30%	2	OTHER INSECT BITE/ENVENOMATION		
1.15%	1	ANT/FIRE ANT BITE/ENVENOMATION		
1.15%	1	CATERPILLAR BITE/ENVENOMATION		
1.15%	1	JELLYFISH AND OTHER COELENTERATE ENVENOMATION		
1.15%	1	NON-POISONOUS SNAKE BITE		
<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>5</b>	<b>5.7%</b>
2.30%	2	MOUTHWASH: ETHANOL-CONTAINING		
1.15%	1	DEPILATORY		
1.15%	1	PERFUME/COLOGNE/AFTERSHAVE		
1.15%	1	SHAMPOO		
<b>FUMES/GASES/VAPORS</b>			<b>5</b>	<b>5.7%</b>
1.15%	1	CARBON DIOXIDE		
1.15%	1	CARBON MONOXIDE		

**Non-Drug Related Substances**

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1.15%	1	CHLORINE GAS
1.15%	1	PROPANE AND OTHER SIMPLE ASPHYXIANT
1.15%	1	UNKNOWN FUME, GAS OR VAPOR

**CHEMICALS**

4

4.6%

2.30%	2	OTHER CHEMICAL
1.15%	1	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)
1.15%	1	OTHER ACID

**OTHER/UNKNOWN NONDRUG SUBSTANCES**

4

4.6%

4.60%	4	OTHER NON-DRUG SUBSTANCE
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**OTHERS**

9

10.3%

2.30%	2	ETHANOL (NON-BEVERAGE, NON-RUBBING)
1.15%	1	CYANOACRYLATE
1.15%	1	ETHANOL (BEVERAGE)
1.15%	1	AUTOMOTIVE PRODUCT: OTHER GLYCOL
1.15%	1	DISC BATTERY: UNKNOWN
1.15%	1	CINNAMON OIL
1.15%	1	AQUARIUM PRODUCT: MISCELLANEOUS
1.15%	1	TOBACCO PRODUCT: UNKNOWN

**87**

**Grand Total**

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**Incidence by Generic Substance(s) in Adults 20 Years and Older  
Top 10 Generic Categories & Top 10 Generic Substance(s)  
Drug-Related**

**Drug Related Substances**

<b>ANALGESICS</b>			<b>64</b>	<b>25.1%</b>
5.49%	14	IBUPROFEN		
2.35%	6	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
2.35%	6	ACETAMINOPHEN WITH OXYCODONE		
2.35%	6	ACETAMINOPHEN: ADULT FORMULATION		
2.35%	6	OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)		
1.96%	5	ACETAMINOPHEN WITH CODEINE		
1.57%	4	ACETAMINOPHEN WITH HYDROCODONE		
1.57%	4	ACETAMINOPHEN WITH OTHER OPIOID		
1.18%	3	METHADONE		
1.18%	3	NAPROXEN		
2.75%	7	OTHERS AGENTS		
<b>SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS</b>			<b>47</b>	<b>18.4%</b>
9.41%	24	BENZODIAZEPINE		
4.71%	12	ATYPICAL ANTIPSYCHOTIC		
3.14%	8	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.78%	2	PHENOTHIAZINE		
0.39%	1	BUSPIRONE		
<b>CARDIOVASCULAR DRUGS</b>			<b>27</b>	<b>10.6%</b>
3.53%	9	BETA BLOCKER (INCLUDE PROPRANOLOL)		
1.96%	5	CALCIUM ANTAGONIST		
1.57%	4	ANGIOTENSIN RECEPTOR BLOCKER		
1.57%	4	ANTIHYPERLIPIDEMIC		
0.39%	1	ACE INHIBITOR		
0.39%	1	ALPHA BLOCKER		
0.39%	1	CARDIAC GLYCOSIDE		
0.39%	1	CLONIDINE		
0.39%	1	VASOPRESSOR		
<b>ANTIDEPRESSANTS</b>			<b>26</b>	<b>10.2%</b>
5.88%	15	SSRI		
2.35%	6	AMITRIPTYLINE		
0.78%	2	LITHIUM		
0.78%	2	TRAZODONE		
0.39%	1	OTHER TYPE OF CYCLIC ANTIDEPRESSANT		
<b>MUSCLE RELAXANTS</b>			<b>12</b>	<b>4.7%</b>
1.96%	5	CARISOPRODOL (FORMULATED ALONE)		
1.96%	5	CYCLOBENZAPRINE		
0.39%	1	METHOCARBAMOL		
0.39%	1	OTHER (SKELETAL) MUSCLE RELAXANT		
<b>ANTIHISTAMINES</b>			<b>11</b>	<b>4.3%</b>
1.96%	5	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)		

**Drug Related Substances**

1.57%	4	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)		
0.78%	2	CIMETIDINE AND OTHER H2 ANTAGONIST		
<b>ANTICONVULSANTS</b>			<b>9</b>	<b>3.5%</b>
1.96%	5	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)		
1.18%	3	VALPROIC ACID		
0.39%	1	PHENYTOIN		
<b>STIMULANTS AND STREET DRUGS</b>			<b>8</b>	<b>3.1%</b>
1.96%	5	COCAINE		
0.39%	1	EPHEDRINE		
0.39%	1	MARIJUANA		
0.39%	1	METHYLPHENIDATE		
<b>COLD AND COUGH PREPARATIONS</b>			<b>7</b>	<b>2.7%</b>
0.78%	2	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
0.78%	2	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
0.78%	2	EXPECT/ANTITUSSIVE WITHOUT OPIOID		
0.39%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
<b>GASTROINTESTINAL PREPARATIONS</b>			<b>7</b>	<b>2.7%</b>
1.18%	3	PROTON PUMP INHIBITOR		
0.78%	2	GASTROINTESTINAL PREP: OTHER		
0.39%	1	ANTACID: OTHER		
0.39%	1	LAXATIVE		
<b>OTHERS</b>			<b>37</b>	<b>14.5%</b>
1.96%	5	INSULIN		
1.96%	5	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG		
1.18%	3	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION		
0.78%	2	OTHER HORMONE ANTAGONIST		
0.78%	2	NIACIN (B3)		
0.39%	1	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN		
0.39%	1	WARFARIN (EXCLUDING RODENTICIDES)		
0.39%	1	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.39%	1	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION		
0.39%	1	OTHER DIAGNOSTIC AGENT		
5.88%	15	OTHERS AGENTS		
	<b>255</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>ALCOHOLS</b>			<b>33</b>	<b>22.3%</b>
14.19%	21	ETHANOL (BEVERAGE)		
4.05%	6	ETHANOL (NON-BEVERAGE, NON-RUBBING)		
4.05%	6	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE		
<b>BITES AND ENVENOMATIONS</b>			<b>23</b>	<b>15.5%</b>
2.70%	4	BEE/WASP/HORNET BITE/ENVENOMATION		
2.70%	4	CATERPILLAR BITE/ENVENOMATION		
2.70%	4	UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION		
1.35%	2	COPPERHEAD ENVENOMATION		
1.35%	2	TICK BITE/ENVENOMATION		
0.68%	1	BLACK WIDOW SPIDER BITE/ENVENOMATION		
0.68%	1	EXOTIC SNAKE: NON-POISONOUS		
0.68%	1	FISH BITE/ENVENOMATION		
0.68%	1	OTHER INSECT BITE/ENVENOMATION		
0.68%	1	OTHER SPIDER BITE/ENVENOMATION		
1.35%	2	OTHERS AGENTS		
<b>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>19</b>	<b>12.8%</b>
4.05%	6	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
1.35%	2	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: OTHER/UNKNOWN		
0.68%	1	AUTOMATIC DISHWASHER DETERGENT: LIQUID		
0.68%	1	CLEANSER: OTHER/UNKNOWN		
0.68%	1	DISINFECTANT: PINE OIL		
0.68%	1	FABRIC SOFTENER/ANTI-STATIC AGENT: LIQUID		
0.68%	1	GLASS CLEANER: ANIONIC/NONIONIC		
0.68%	1	GLASS CLEANER: OTHER/UNKNOWN		
0.68%	1	LAUNDRY PRE-WASH: LIQUID SOLVENT-BASED		
0.68%	1	MISC. CLEANING AGENT: ALKALI		
2.03%	3	OTHERS AGENTS		
<b>HYDROCARBONS</b>			<b>13</b>	<b>8.8%</b>
3.38%	5	GASOLINE		
2.03%	3	OTHER HYDROCARBON		
0.68%	1	DIESEL FUEL		
0.68%	1	FREON/OTHER PROPELLANT		
0.68%	1	KEROSENE		
0.68%	1	OTHER HALOGENATED HYDROCARBON		
0.68%	1	TOLUENE/XYLENE (EXCLUDING ADHESIVES)		
<b>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>12</b>	<b>8.1%</b>
3.38%	5	MOUTHWASH: ETHANOL-CONTAINING		
1.35%	2	PERFUME/COLOGNE/AFTERSHAVE		
0.68%	1	CREAM/LOTION/MAKE-UP		
0.68%	1	HAIR COLORING AGENT (EXCLUDING PEROXIDE)		

**Non-Drug Related Substances**

0.68%	1	NAIL POLISH REMOVER: UNKNOWN		
0.68%	1	SOAP (BAR, HAND OR COMPLEXION)		
0.68%	1	SUNTAN/SUNSCREEN		
<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>7</b>	<b>4.7%</b>
4.05%	6	OTHER FOREIGN BODY		
0.68%	1	DESICCANT		
<b>INDUSTRIAL CLEANERS</b>			<b>5</b>	<b>3.4%</b>
1.35%	2	INDUSTRIAL CLEANER: ALKALI		
1.35%	2	INDUSTRIAL CLEANER: OTHER/UNKNOWN		
0.68%	1	INDUSTRIAL CLEANER: DISINFECTANT		
<b>PESTICIDES</b>			<b>4</b>	<b>2.7%</b>
1.35%	2	CHLORINATED HYDROCARBON ONLY (ALONE)		
0.68%	1	OTHER INSECTICIDE		
0.68%	1	PYRETHRIN		
<b>AUTOMOTIVE/AIRCRAFT/BOAT PRODUCTS</b>			<b>3</b>	<b>2.0%</b>
1.35%	2	AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL		
0.68%	1	AUTOMOTIVE PRODUCT: HYDROCARBON (TRANSMISSION FLUID, POWER STEERING FLUID)		
<b>CHEMICALS</b>			<b>3</b>	<b>2.0%</b>
0.68%	1	AMMONIA (EXCLUDING CLEANER)		
0.68%	1	FORMALDEHYDE/FORMALIN		
0.68%	1	OTHER CHEMICAL		
<b>OTHERS</b>			<b>26</b>	<b>17.6%</b>
2.03%	3	OTHER NON-DRUG SUBSTANCE		
1.35%	2	ARTIST PAINT, NON-WATER COLOR		
1.35%	2	OUTDOOR FERTILIZER		
1.35%	2	FIRE EXTINGUISHER		
1.35%	2	CAPSICUM/PEPPERS (FOODS)		
1.35%	2	METAL FUME FEVER		
0.68%	1	AUTOMOTIVE (AIRCRAFT/BOAT) BATTERY		
0.68%	1	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY		
0.68%	1	AIR FRESHENER: AEROSOL		
0.68%	1	AIR FRESHENER: OTHER/UNKNOWN FORMULATION		
6.08%	9	OTHERS AGENTS		
	<b>148</b>	<b>Grand Total</b>		

## Routes of Exposure - Human Exposures

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	Number	Percentage
Aspiration	1	0.10
Bite or sting	36	3.51
Dermal exposure	110	10.71
Ingestion	786	76.53
Inhalational	35	3.41
Ocular exposure	48	4.67
EAR(S)/OTIC	1	0.10
Parenteral exposure	7	0.68
Other route of exposure	2	0.19
VAGINAL	1	0.10
<b>GRAND TOTAL:</b>	<b>1,027</b>	<b>100%</b>

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

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## Treatments Performed

<b>DECONTAMINATION</b>				<b>802</b>	<b>82.94 %</b>
<b>Cathartic</b>				<b>25</b>	<b>2.59%</b>
PERFORMED - PCC RECOMMENDED	22	2.28	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.31	%		
<b>Dilute/Irrigate/Wash</b>				<b>625</b>	<b>64.63%</b>
PERFORMED - PCC RECOMMENDED	555	57.39	%		
PERFORMED - NOT RECOMMENDED (+NEED)	70	7.24	%		
<b>Food/Snack</b>				<b>35</b>	<b>3.62%</b>
PERFORMED - PCC RECOMMENDED	29	3.00	%		
PERFORMED - NOT RECOMMENDED (+NEED)	6	0.62	%		
<b>Fresh air</b>				<b>16</b>	<b>1.65%</b>
PERFORMED - PCC RECOMMENDED	11	1.14	%		
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.52	%		
<b>Lavage</b>				<b>4</b>	<b>0.41%</b>
PERFORMED - PCC RECOMMENDED	2	0.21	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.21	%		
<b>Multi-dose AC</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.10	%		
<b>Emetic, Other</b>				<b>4</b>	<b>0.41%</b>
PERFORMED - PCC RECOMMENDED	2	0.21	%		
PERFORMED - NOT RECOMMENDED (? NEED)	2	0.21	%		
<b>Single Dose Activated Charcoal</b>				<b>91</b>	<b>9.41%</b>
PERFORMED - PCC RECOMMENDED	85	8.79	%		
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.52	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.10	%		
<b>Whole bowel irrigation</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.10	%		
<b>ANTIDOTAL</b>				<b>25</b>	<b>2.59 %</b>
<b>Fomepizole/Antizol</b>				<b>2</b>	<b>0.21%</b>
PERFORMED - PCC RECOMMENDED	2	0.21	%		
<b>Glucagon</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	1	0.10	%		
<b>PO NAC</b>				<b>12</b>	<b>1.24%</b>
PERFORMED - PCC RECOMMENDED	12	1.24	%		
<b>Narcan</b>				<b>9</b>	<b>0.93%</b>
PERFORMED - PCC RECOMMENDED	6	0.62	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.31	%		
<b>Vitamin K</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	1	0.10	%		
<b>INTENSIVE CARE</b>				<b>16</b>	<b>1.65 %</b>
<b>Dialysis</b>				<b>3</b>	<b>0.31%</b>
PERFORMED - PCC RECOMMENDED	2	0.21	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.10	%		
<b>Intubation</b>				<b>7</b>	<b>0.72%</b>
PERFORMED - PCC RECOMMENDED	3	0.31	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.41	%		

<b>Ventilator</b>				<b>6</b>	<b>0.62%</b>
PERFORMED - PCC RECOMMENDED	3	0.31	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.31	%		

<b>GENERAL TREATMENT</b>				<b>124</b>	<b>12.82 %</b>
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<b>Alkalinization</b>				<b>6</b>	<b>0.62%</b>
PERFORMED - PCC RECOMMENDED	4	0.41	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.10	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.10	%		
<b>Antihypertensive</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	1	0.10	%		
<b>Antibiotics</b>				<b>5</b>	<b>0.52%</b>
PERFORMED - PCC RECOMMENDED	3	0.31	%		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.21	%		
<b>Antiemetics</b>				<b>6</b>	<b>0.62%</b>
PERFORMED - PCC RECOMMENDED	5	0.52	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.10	%		
<b>Antihistamine</b>				<b>21</b>	<b>2.17%</b>
PERFORMED - PCC RECOMMENDED	17	1.76	%		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.41	%		
<b>Benzodiazepines</b>				<b>9</b>	<b>0.93%</b>
PERFORMED - PCC RECOMMENDED	8	0.83	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.10	%		
<b>Bronchodilators</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	1	0.10	%		
<b>Calcium</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	1	0.10	%		
<b>IV Fluids</b>				<b>21</b>	<b>2.17%</b>
PERFORMED - PCC RECOMMENDED	15	1.55	%		
PERFORMED - NOT RECOMMENDED (+NEED)	6	0.62	%		
<b>Glucose &gt; 5%</b>				<b>2</b>	<b>0.21%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.21	%		
<b>Insulin</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.10	%		
<b>Other Other Therapy</b>				<b>36</b>	<b>3.72%</b>
PERFORMED - PCC RECOMMENDED	20	2.07	%		
PERFORMED - NOT RECOMMENDED (+NEED)	15	1.55	%		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.10	%		
<b>Oxygen</b>				<b>6</b>	<b>0.62%</b>
PERFORMED - PCC RECOMMENDED	3	0.31	%		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.31	%		
<b>Sedation (Other)</b>				<b>5</b>	<b>0.52%</b>
PERFORMED - PCC RECOMMENDED	4	0.41	%		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.10	%		
<b>Steroids</b>				<b>1</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	1	0.10	%		
<b>Vasopressors</b>				<b>2</b>	<b>0.21%</b>
PERFORMED - PCC RECOMMENDED	2	0.21	%		

Grand Total: 967

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