

## 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**

<b>County</b>	<b>County#/FIPS</b>
<b>BALTIMORE</b>	<b>24005</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>6,536</b>	<b>%</b>	<b>45.34</b>
<b>Human Exposures</b>	<b>6,102</b>	<b>%</b>	<b>42.33</b>
<b>Confirmed Exposure</b>	<b>6,091</b>	<b>%</b>	<b>42.26</b>
<b>Confirmed Nonexposure</b>	<b>11</b>	<b>%</b>	<b>0.08</b>
<b>Animal Exposures</b>	<b>434</b>	<b>%</b>	<b>3.01</b>
<b>Confirmed Exposure</b>	<b>434</b>	<b>%</b>	<b>3.01</b>
<b>Information Calls</b>	<b>7,878</b>	<b>%</b>	<b>54.66</b>
<b>Drug Information</b>	<b>1,060</b>	<b>%</b>	<b>7.35</b>
5.94%	63		Adverse effects (no known exposure)
1.04%	11		Brand/generic name clarifications
0.09%	1		Compatibility of parenteral medications
0.19%	2		Compounding
0.47%	5		Contraindications
0.47%	5		Dietary supplement, herbal, and homeopathic
5.47%	58		Dosage
1.79%	19		Dosage form/formulation
0.85%	9		Drug use during breast-feeding
18.58%	197		Drug-drug interactions
0.85%	9		Drug-food interactions
0.19%	2		Foreign drug
0.57%	6		Generic substitution
16.79%	178		Indications/therapeutic use
0.57%	6		Medication administration
0.09%	1		Medication availability
3.40%	36		Pharmacokinetics
2.55%	27		Pharmacology
1.32%	14		Regulatory
0.94%	10		Stability/storage
0.57%	6		Therapeutic drug monitoring
37.26%	395		Other
<b>Drug ID</b>	<b>5,647</b>	<b>%</b>	<b>39.18</b>
44.04%	2,487		Public - Drug sometimes involved in abuse
25.73%	1,453		Public - Drug not known to be abused
2.67%	151		Public - Unknown abuse potential
9.26%	523		Public - Unable to identify
1.26%	71		Health Prof - Drug sometimes involved in abuse
2.87%	162		Health Prof - Drug not known to be abused
0.14%	8		Health Prof - Unknown abuse potential
0.80%	45		Health Prof - Unable to identify
2.92%	165		Law Enfrmnt - Drug sometimes involved in abuse
1.31%	74		Law Enfrmnt - Drug not known to be abused
0.05%	3		Law Enfrmnt - Unknown abuse potential
0.39%	22		Law Enfrmnt - Unable to identify
8.55%	483		Other
<b>Environmental Info</b>	<b>33</b>	<b>%</b>	<b>0.23</b>
9.09%	3		Carbon monoxide - no known patient(s)
6.06%	2		Carbon monoxide alarm use
3.03%	1		Clarification of media reports of environmental contamination
6.06%	2		General questions about contamination of air and/or soil
42.42%	14		Mercury thermometer cleanup
3.03%	1		Pesticide application by a professional pest control operator
12.12%	4		Potential toxicity of chemicals in the environment

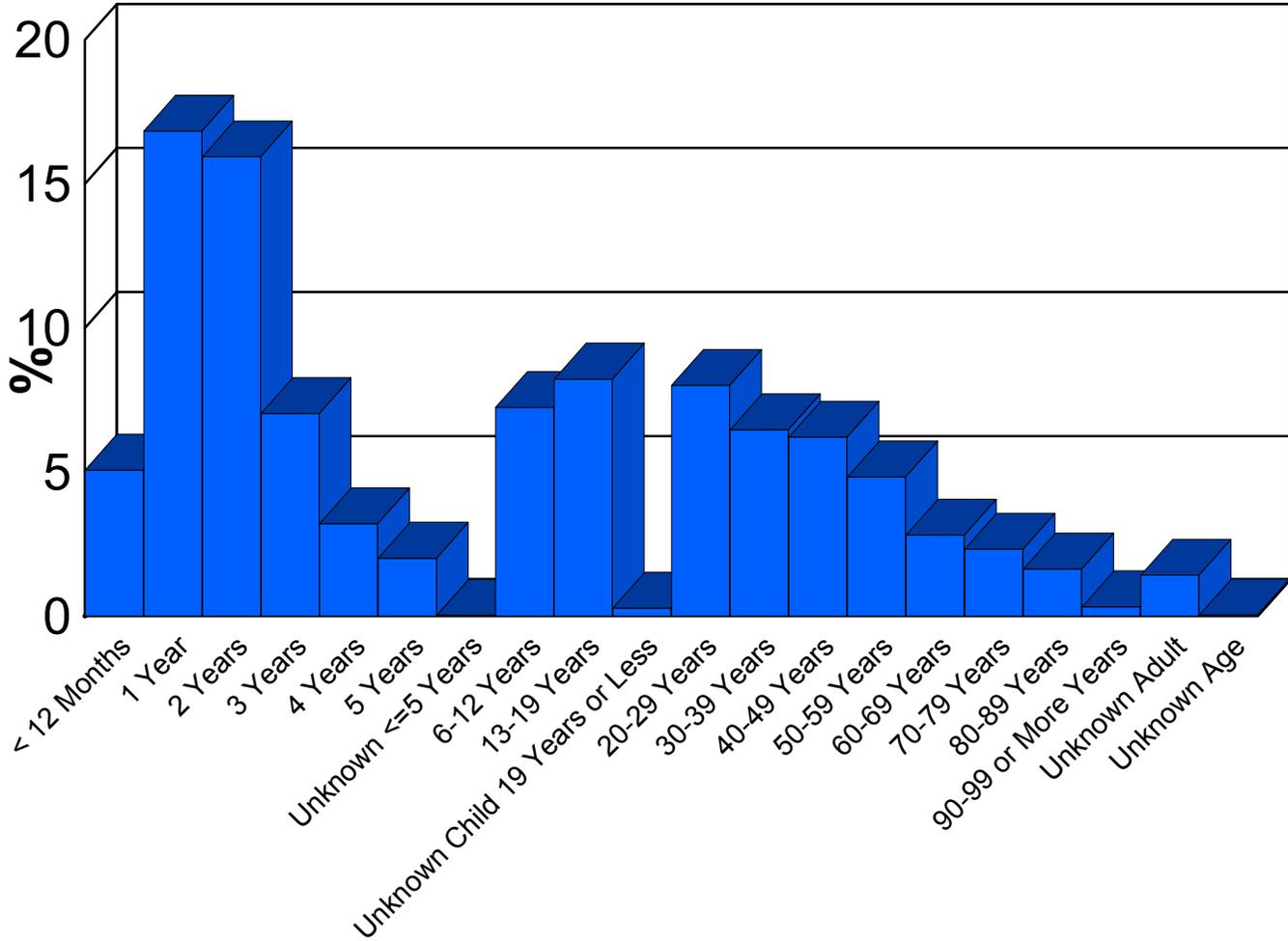
6.06%	2	Safe disposal of chemicals		
12.12%	4	Other		
<b>Medical Information</b>	<b>82</b>		<b>%</b>	<b>0.57</b>
1.22%	1	Dental questions		
39.02%	32	Diagnostic or treatment recommendations for diseases or conditions - non		
4.88%	4	Explanation of disease states		
2.44%	2	General first-aid		
1.22%	1	Rabies - no known patient(s)		
51.22%	42	Other		
<b>Poison Information</b>	<b>983</b>		<b>%</b>	<b>6.82</b>
0.10%	1	Analytical toxicology		
0.61%	6	Food poisoning - no known patient(s)		
4.98%	49	Food preparation/handling practices		
34.08%	335	General toxicity		
2.85%	28	Plant toxicity		
2.44%	24	Safe use of household products		
0.10%	1	Toxicology information for legal use/litigation		
54.83%	539	Other		
<b>Prevention/Safety</b>	<b>43</b>		<b>%</b>	<b>0.30</b>
30.23%	13	Confirmation of poison center number		
2.33%	1	General (non-poison) injury prevention requests		
62.79%	27	Poison prevention material requests		
2.33%	1	Public education presentation requests		
2.33%	1	Other		
<b>Teratogenicity Info</b>	<b>4</b>		<b>%</b>	<b>0.03</b>
100.00%	4	Teratogenicity		
<b>Substance Abuse</b>	<b>6</b>		<b>%</b>	<b>0.04</b>
50.00%	3	Drug screen information		
50.00%	3	Effects of illicit substances - no known patient(s)		
<b>Administrative</b>	<b>3</b>		<b>%</b>	<b>0.02</b>
100.00%	3	Other		
<b>Caller Referral</b>	<b>17</b>		<b>%</b>	<b>0.12</b>
5.88%	1	Immediate referral - animal poison center or veterinarian		
5.88%	1	Immediate referral - drug information		
5.88%	1	Immediate referral - health department		
11.76%	2	Immediate referral - pharmacy		
58.82%	10	Immediate referral - private physician		
5.88%	1	Immediate referral - psychiatric crisis line		
5.88%	1	Other		
<b>Grand Total:</b>	<b>14,414</b>		<b>%</b>	<b>100.00</b>

## Patient Age & Sex Distribution by Age Groupings

<b>&lt; 12 Months</b>	<b>309</b>	<b>5.064%</b>	
<b>Male</b>	<b>155</b>	<b>50.16%</b>	
<b>Female</b>	<b>154</b>	<b>49.84%</b>	
<b>1 Year</b>	<b>1,027</b>	<b>16.831%</b>	
<b>Male</b>	<b>531</b>	<b>51.70%</b>	
<b>Female</b>	<b>496</b>	<b>48.30%</b>	
<b>2 Years</b>	<b>973</b>	<b>15.946%</b>	
<b>Male</b>	<b>494</b>	<b>50.77%</b>	
<b>Female</b>	<b>479</b>	<b>49.23%</b>	
<b>3 Years</b>	<b>429</b>	<b>7.030%</b>	
<b>Male</b>	<b>235</b>	<b>54.78%</b>	
<b>Female</b>	<b>193</b>	<b>44.99%</b>	
<b>Sex Unknown</b>	<b>1</b>	<b>0.23%</b>	
<b>4 Years</b>	<b>196</b>	<b>3.212%</b>	
<b>Male</b>	<b>112</b>	<b>57.14%</b>	
<b>Female</b>	<b>84</b>	<b>42.86%</b>	
<b>5 Years</b>	<b>123</b>	<b>2.016%</b>	
<b>Male</b>	<b>69</b>	<b>56.10%</b>	
<b>Female</b>	<b>54</b>	<b>43.90%</b>	
<b>Unknown &lt;=5 Years</b>	<b>2</b>	<b>0.033%</b>	
<b>Male</b>	<b>1</b>	<b>50.00%</b>	
<b>Female</b>	<b>1</b>	<b>50.00%</b>	
<b>6-12 Years</b>	<b>442</b>	<b>7.244%</b>	
<b>Male</b>	<b>256</b>	<b>57.92%</b>	
<b>Female</b>	<b>184</b>	<b>41.63%</b>	
<b>Sex Unknown</b>	<b>2</b>	<b>0.45%</b>	
<b>13-19 Years</b>	<b>502</b>	<b>8.227%</b>	
<b>Male</b>	<b>234</b>	<b>46.61%</b>	
<b>Female</b>	<b>266</b>	<b>52.99%</b>	
<b>Pregnant</b>	<b>2</b>	<b>0.40%</b>	
<b>Unknown Child 19 Years or Less</b>	<b>17</b>	<b>0.279%</b>	
<b>Male</b>	<b>6</b>	<b>35.29%</b>	
<b>Female</b>	<b>5</b>	<b>29.41%</b>	
<b>Sex Unknown</b>	<b>6</b>	<b>35.29%</b>	

<b>20-29 Years</b>	<b>489</b>	<b>8.014%</b>
Male	200	40.90%
Female	280	57.26%
Pregnant	9	1.84%
<b>30-39 Years</b>	<b>395</b>	<b>6.473%</b>
Male	145	36.71%
Female	244	61.77%
Pregnant	6	1.52%
<b>40-49 Years</b>	<b>379</b>	<b>6.211%</b>
Male	139	36.68%
Female	240	63.32%
<b>50-59 Years</b>	<b>295</b>	<b>4.834%</b>
Male	95	32.20%
Female	200	67.80%
<b>60-69 Years</b>	<b>172</b>	<b>2.819%</b>
Male	55	31.98%
Female	117	68.02%
<b>70-79 Years</b>	<b>142</b>	<b>2.327%</b>
Male	48	33.80%
Female	94	66.20%
<b>80-89 Years</b>	<b>100</b>	<b>1.639%</b>
Male	26	26.00%
Female	74	74.00%
<b>90-99 or More Years</b>	<b>20</b>	<b>0.328%</b>
Male	9	45.00%
Female	11	55.00%
<b>Unknown Adult</b>	<b>87</b>	<b>1.426%</b>
Male	23	26.44%
Female	62	71.26%
Pregnant	2	2.30%
<b>Unknown Age</b>	<b>3</b>	<b>0.049%</b>
Male	2	66.67%
Female	1	33.33%
<b>Grand Total:</b>	<b>6,102</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>2,859</u></b>	<b><u>93.46</u></b>
	Female	1,374		48.06%
	Male	1,484		51.91%
	Unknown Sex	1		0.03%
<b>In/enroute to HCF</b>			<b><u>113</u></b>	<b><u>3.69</u></b>
<b>Treated/evaluated and released</b>			<b>101</b>	<b>3.30</b>
	Female	41		40.59%
	Male	60		59.41%
<b>Admitted to critical care unit</b>			<b>4</b>	<b>0.13</b>
	Female	2		50.00%
	Male	2		50.00%
<b>Admitted to noncritical care unit</b>			<b>4</b>	<b>0.13</b>
	Female	1		25.00%
	Male	3		75.00%
<b>Patient lost to follow-up/left AMA</b>			<b>3</b>	<b>0.10</b>
	Female	2		66.67%
	Male	1		33.33%
<b>N/A</b>			<b>1</b>	<b>0.03</b>
	Male	1		100.00%
<b>Referred to HCF</b>			<b><u>82</u></b>	<b><u>2.68</u></b>
<b>Treated/evaluated and released</b>			<b>64</b>	<b>2.09</b>
	Female	29		45.31%
	Male	35		54.69%
<b>Admitted to noncritical care unit</b>			<b>3</b>	<b>0.10</b>
	Female	2		66.67%
	Male	1		33.33%
<b>Patient lost to follow-up/left AMA</b>			<b>6</b>	<b>0.20</b>
	Female	4		66.67%
	Male	2		33.33%
<b>Patient REFUSED referral/NO SHOW</b>			<b>7</b>	<b>0.23</b>
	Female	2		28.57%
	Male	5		71.43%
<b>N/A</b>			<b>2</b>	<b>0.07</b>
	Female	1		50.00%
	Male	1		50.00%
<b>Other *(code)</b>			<b><u>5</u></b>	<b><u>0.16</u></b>
	Female	3		60.00%
	Male	2		40.00%
			<b><u>3,059</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>615</u></b>	<b><u>64.00</u></b>
Female	264	42.93%		
Male	342	55.61%		
Pregnant	1	0.16%		
Unknown Sex	8	1.30%		
<b>In/enroute to HCF</b>			<b><u>209</u></b>	<b><u>21.75</u></b>
<b>Treated/evaluated and released</b>			<b>137</b>	<b>14.26</b>
Female	65	47.45%		
Male	72	52.55%		
<b>Admitted to critical care unit</b>			<b>18</b>	<b>1.87</b>
Female	11	61.11%		
Male	7	38.89%		
<b>Admitted to noncritical care unit</b>			<b>21</b>	<b>2.19</b>
Female	15	71.43%		
Male	6	28.57%		
<b>Admitted to psychiatric facility</b>			<b>30</b>	<b>3.12</b>
Female	19	63.33%		
Male	11	36.67%		
<b>Patient lost to follow-up/left AMA</b>			<b>2</b>	<b>0.21</b>
Female	2	100.00%		
<b>N/A</b>			<b>1</b>	<b>0.10</b>
Female	1	100.00%		
<b>Referred to HCF</b>			<b><u>95</u></b>	<b><u>9.89</u></b>
<b>Treated/evaluated and released</b>			<b>40</b>	<b>4.16</b>
Female	27	67.50%		
Male	13	32.50%		
<b>Admitted to critical care unit</b>			<b>2</b>	<b>0.21</b>
Male	2	100.00%		
<b>Admitted to noncritical care unit</b>			<b>5</b>	<b>0.52</b>
Female	3	60.00%		
Male	2	40.00%		
<b>Admitted to psychiatric facility</b>			<b>10</b>	<b>1.04</b>
Female	8	80.00%		
Male	2	20.00%		
<b>Patient lost to follow-up/left AMA</b>			<b>8</b>	<b>0.83</b>
Female	5	62.50%		
Male	3	37.50%		
<b>Patient REFUSED referral/NO SHOW</b>			<b>30</b>	<b>3.12</b>
Female	13	43.33%		
Male	16	53.33%		
Pregnant	1	3.33%		
<b>Other *(code)</b>			<b><u>42</u></b>	<b><u>4.37</u></b>
Female	22	52.38%		
Male	20	47.62%		
			<b><u>961</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>1,222</b>	<b>58.69</b>
Female	826	67.59%		
Male	386	31.59%		
Pregnant	10	0.82%		
<b>In/enroute to HCF</b>			<b>689</b>	<b>33.09</b>
<b>Treated/evaluated and released</b>			<b>314</b>	<b>15.08</b>
Female	173	55.10%		
Male	138	43.95%		
Pregnant	3	0.96%		
<b>Admitted to critical care unit</b>			<b>106</b>	<b>5.09</b>
Female	54	50.94%		
Male	51	48.11%		
Pregnant	1	0.94%		
<b>Admitted to noncritical care unit</b>			<b>92</b>	<b>4.42</b>
Female	53	57.61%		
Male	39	42.39%		
<b>Admitted to psychiatric facility</b>			<b>152</b>	<b>7.30</b>
Female	96	63.16%		
Male	55	36.18%		
Pregnant	1	0.66%		
<b>Patient lost to follow-up/left AMA</b>			<b>25</b>	<b>1.20</b>
Female	12	48.00%		
Male	12	48.00%		
Pregnant	1	4.00%		
<b>Referred to HCF</b>			<b>159</b>	<b>7.64</b>
<b>Treated/evaluated and released</b>			<b>63</b>	<b>3.03</b>
Female	37	58.73%		
Male	25	39.68%		
Pregnant	1	1.59%		
<b>Admitted to critical care unit</b>			<b>6</b>	<b>0.29</b>
Female	2	33.33%		
Male	4	66.67%		
<b>Admitted to noncritical care unit</b>			<b>10</b>	<b>0.48</b>
Female	6	60.00%		
Male	4	40.00%		
<b>Admitted to psychiatric facility</b>			<b>20</b>	<b>0.96</b>
Female	13	65.00%		
Male	7	35.00%		
<b>Patient lost to follow-up/left AMA</b>			<b>21</b>	<b>1.01</b>
Female	15	71.43%		
Male	6	28.57%		
<b>Patient REFUSED referral/NO SHOW</b>			<b>39</b>	<b>1.87</b>
Female	28	71.79%		
Male	11	28.21%		
<b>Other *(code)</b>			<b>12</b>	<b>0.58</b>
Female	8	66.67%		
Male	4	33.33%		

<u>2,082</u>	<u>100 %</u>
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## Reason for Exposure

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<b>Unintentional</b>	<b>83.26%</b>	<b>5,078</b>
Unintentional/General	58.21%	3,550
Unintentional/Environmental	1.44%	88
Unintentional/Occupational	1.48%	90
Unintentional/Therapeutic Error	12.54%	765
Unintentional/Misuse	7.35%	448
Unintentional/Bite or Sting	1.52%	93
Unintentional/Food Poisoning	0.67%	41
Unintentional/Unknown	0.05%	3
<b>Intentional</b>	<b>14.30%</b>	<b>872</b>
Intentional/Suspected Suicide	9.58%	584
Intentional/Misuse	2.44%	149
Intentional/Abuse	2.00%	122
Intentional/Unknown	0.28%	17
<b>Other</b>	<b>2.44%</b>	<b>149</b>
Contamination/Tampering	0.13%	8
Malicious	0.26%	16
Adverse Reaction/Drug	1.21%	74
Adverse Reaction/Food	0.08%	5
Adverse Reaction/Other	0.36%	22
Unknown Reason	0.39%	24
<b>Grand Total:</b>	<b>6,099</b>	

## Reason for Exposure by Age Category

<b>Children 5 years and under</b>	<b>50.16%</b>	<b>3,059</b>
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<b>Unintentional</b>	<b>49.98%</b>	<b>3,048</b>
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Unintentional/General	46.50%	2,836
Unintentional/Environmental	0.16%	10
Unintentional/Therapeutic Error	2.82%	172
Unintentional/Misuse	0.26%	16
Unintentional/Bite or Sting	0.18%	11
Unintentional/Food Poisoning	0.05%	3

<b>Intentional</b>	<b>0.02%</b>	<b>1</b>
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Intentional/Suspected Suicide	0.02%	1
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<b>Other Reason</b>	<b>0.16%</b>	<b>10</b>
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Malicious	0.03%	2
Adverse Reaction/Drug	0.07%	4
Adverse Reaction/Food	0.03%	2
Adverse Reaction/Other	0.03%	2

<b>Children 6 to 19 years</b>	<b>15.76%</b>	<b>961</b>
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<b>Unintentional</b>	<b>10.76%</b>	<b>656</b>
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Unintentional/General	5.95%	363
Unintentional/Environmental	0.26%	16
Unintentional/Occupational	0.21%	13
Unintentional/Therapeutic Error	2.41%	147
Unintentional/Misuse	1.44%	88
Unintentional/Bite or Sting	0.28%	17
Unintentional/Food Poisoning	0.20%	12

<b>Intentional</b>	<b>4.21%</b>	<b>257</b>
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Intentional/Suspected Suicide	2.18%	133
Intentional/Misuse	0.97%	59
Intentional/Abuse	1.00%	61
Intentional/Unknown	0.07%	4

<b>Other Reason</b>	<b>0.79%</b>	<b>48</b>
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Contamination/Tampering	0.03%	2
Malicious	0.16%	10
Adverse Reaction/Drug	0.30%	18
Adverse Reaction/Other	0.13%	8
Unknown Reason	0.16%	10

<b>Adults 20 years or older</b>	<b>34.04%</b>	<b>2,076</b>
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<b>Unintentional</b>	<b>22.50%</b>	<b>1,372</b>
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Unintentional/General	5.76%	351
Unintentional/Environmental	1.02%	62
Unintentional/Occupational	1.26%	77

Unintentional/Therapeutic Error	7.30%	445
Unintentional/Misuse	5.62%	343
Unintentional/Bite or Sting	1.07%	65
Unintentional/Food Poisoning	0.43%	26
Unintentional/Unknown	0.05%	3
<b>Intentional</b>	<b>10.05%</b>	<b>613</b>
Intentional/Suspected Suicide	7.38%	450
Intentional/Misuse	1.46%	89
Intentional/Abuse	1.00%	61
Intentional/Unknown	0.21%	13
<b>Other Reason</b>	<b>1.49%</b>	<b>91</b>
Contamination/Tampering	0.10%	6
Malicious	0.07%	4
Adverse Reaction/Drug	0.85%	52
Adverse Reaction/Food	0.05%	3
Adverse Reaction/Other	0.20%	12
Unknown Reason	0.23%	14
<b>Unknown Age</b>	<b>0.05%</b>	<b>3</b>
<b>Unintentional</b>	<b>0.03%</b>	<b>2</b>
Unintentional/Therapeutic Error	0.02%	1
Unintentional/Misuse	0.02%	1
<b>Intentional</b>	<b>0.02%</b>	<b>1</b>
Intentional/Misuse	0.02%	1
<b>Grand Total:</b>	<b>6,099</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>4,696</b>	<b>76.96%</b>	
0.02%	N/A	1	0.02%	0.02%
4.37%	No effect	205	3.36%	4.37%
4.60%	Minor effect	216	3.54%	4.60%
0.21%	Moderate effect	10	0.16%	0.21%
32.16%	Judged as nontoxic - expect no effect	1,510	24.75%	32.16%
56.75%	Minimal clinical effects possible	2,665	43.67%	56.75%
0.13%	Unable to follow - potentially toxic exposure	6	0.10%	0.13%
1.58%	Unrelated - probably not responsible	74	1.21%	1.58%
0.13%	Confirmed non exposure	6	0.10%	0.13%
0.06%	X-Death, Indirect Report	3	0.05%	0.06%
<b>Managed in HCF</b>		<b>1,271</b>	<b>20.83%</b>	
<b>Treated/evaluated and released</b>		<b><u>11.78%</u></b>	<b><u>719</u></b>	<b><u>56.57%</u></b>
22.81%	No effect	164	2.69%	12.90%
37.97%	Minor effect	273	4.47%	21.48%
15.02%	Moderate effect	108	1.77%	8.50%
0.14%	Major effect	1	0.02%	0.08%
2.23%	Judged as nontoxic - expect no effect	16	0.26%	1.26%
18.08%	Minimal clinical effects possible	130	2.13%	10.23%
0.28%	Unable to follow - potentially toxic exposure	2	0.03%	0.16%
3.20%	Unrelated - probably not responsible	23	0.38%	1.81%
0.14%	Confirmed non exposure	1	0.02%	0.08%
0.14%	X-Death, Indirect Report	1	0.02%	0.08%
<b>Admitted to critical care unit</b>		<b><u>2.23%</u></b>	<b><u>136</u></b>	<b><u>10.70%</u></b>
0.74%	N/A	1	0.02%	0.08%
3.68%	No effect	5	0.08%	0.39%
29.41%	Minor effect	40	0.66%	3.15%
52.21%	Moderate effect	71	1.16%	5.59%
10.29%	Major effect	14	0.23%	1.10%
0.74%	Death	1	0.02%	0.08%
2.94%	Unrelated - probably not responsible	4	0.07%	0.31%
<b>Admitted to noncritical care unit</b>		<b><u>2.21%</u></b>	<b><u>135</u></b>	<b><u>10.62%</u></b>
8.15%	No effect	11	0.18%	0.87%
42.96%	Minor effect	58	0.95%	4.56%
34.07%	Moderate effect	46	0.75%	3.62%
1.48%	Major effect	2	0.03%	0.16%
0.74%	Death	1	0.02%	0.08%
4.44%	Minimal clinical effects possible	6	0.10%	0.47%
1.48%	Unable to follow - potentially toxic exposure	2	0.03%	0.16%
5.93%	Unrelated - probably not responsible	8	0.13%	0.63%
0.74%	Confirmed non exposure	1	0.02%	0.08%
<b>Admitted to psychiatric facility</b>		<b><u>3.47%</u></b>	<b><u>212</u></b>	<b><u>16.68%</u></b>
19.81%	No effect	42	0.69%	3.30%
61.32%	Minor effect	130	2.13%	10.23%

10.38%	Moderate effect	22	0.36%	1.73%
0.47%	Judged as nontoxic - expect no effect	1	0.02%	0.08%
5.19%	Minimal clinical effects possible	11	0.18%	0.87%
2.83%	Unrelated - probably not responsible	6	0.10%	0.47%
<b>Patient lost to follow-up/left AMA</b>		<b><u>1.07%</u></b>	<b><u>65</u></b>	<b><u>5.11%</u></b>
1.54%	No effect	1	0.02%	0.08%
4.62%	Minor effect	3	0.05%	0.24%
32.31%	Minimal clinical effects possible	21	0.34%	1.65%
53.85%	Unable to follow - potentially toxic exposure	35	0.57%	2.75%
7.69%	Unrelated - probably not responsible	5	0.08%	0.39%
N/A		<b><u>0.07%</u></b>	<b><u>4</u></b>	<b><u>0.31%</u></b>
75.00%	N/A	3	0.05%	0.24%
25.00%	Minimal clinical effects possible	1	0.02%	0.08%
<b>Other</b>		<b>59</b>	<b>0.97%</b>	
10.17%	No effect	6	0.10%	10.17%
5.08%	Minor effect	3	0.05%	5.08%
22.03%	Judged as nontoxic - expect no effect	13	0.21%	22.03%
61.02%	Minimal clinical effects possible	36	0.59%	61.02%
1.69%	Unrelated - probably not responsible	1	0.02%	1.69%
<b>Refused Referral</b>		<b>76</b>	<b>1.25%</b>	
3.95%	No effect	3	0.05%	3.95%
9.21%	Minor effect	7	0.11%	9.21%
1.32%	Moderate effect	1	0.02%	1.32%
31.58%	Minimal clinical effects possible	24	0.39%	31.58%
48.68%	Unable to follow - potentially toxic exposure	37	0.61%	48.68%
1.32%	Unrelated - probably not responsible	1	0.02%	1.32%
3.95%	Confirmed non exposure	3	0.05%	3.95%
		<b><u>6,102</u></b>	<b><u>100 %</u></b>	

## 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>719</u></b>	<b><u>53.38</u></b>	
In/enroute to HCF	552	40.98	76.77%
No effect	99	4.56%	13.77%
Minor effect	219	1.#J%	30.46%
Moderate effect	84	4.44%	11.68%
Major effect	1	1.32%	0.14%
Judged as nontoxic - expect no effect	15	0.00%	2.09%
Minimal clinical effects possible	113	10.23%	15.72%
Unable to follow - potentially toxic exposure	2	0.00%	0.28%
Unrelated - probably not responsible	17	0.00%	2.36%
Confirmed non exposure	1	0.00%	0.14%
X-Death, Indirect Report	1	0.23%	0.14%
Referred to HCF	167	12.40	23.23%
No effect	65	0.02%	9.04%
Minor effect	54	3.47%	7.51%
Moderate effect	24	1.17e+305%	3.34%
Judged as nontoxic - expect no effect	1	0.00%	0.14%
Minimal clinical effects possible	17	0.00%	2.36%
Unrelated - probably not responsible	6	0.10%	0.83%
<b><u>Admitted to critical care unit</u></b>	<b><u>136</u></b>	<b><u>10.10</u></b>	
In/enroute to HCF	128	9.50	94.12%
N/A	1	0.00%	0.74%
No effect	5	1.73%	3.68%
Minor effect	36	0.63%	26.47%
Moderate effect	67	0.31%	49.26%
Major effect	14	0.18%	10.29%
Death	1	0.00%	0.74%
Unrelated - probably not responsible	4	0.05%	2.94%
Referred to HCF	8	0.59	5.88%
Minor effect	4	0.43%	2.94%
Moderate effect	4	9.21%	2.94%
<b><u>Admitted to noncritical care unit</u></b>	<b><u>135</u></b>	<b><u>10.02</u></b>	
In/enroute to HCF	117	8.69	86.67%
No effect	9	0.00%	6.67%
Minor effect	50	0.47%	37.04%
Moderate effect	39	0.03%	28.89%
Major effect	2	1.85e+305%	1.48%
Death	1	0.00%	0.74%
Minimal clinical effects possible	6	1.69%	4.44%
Unable to follow - potentially toxic exposure	1	0.00%	0.74%
Unrelated - probably not responsible	8	2.04e+304%	5.93%
Confirmed non exposure	1	0.00%	0.74%

Referred to HCF	18	1.34	13.33%
No effect	2	42.96%	1.48%
Minor effect	8	0.00%	5.93%
Moderate effect	7	0.00%	5.19%
Unable to follow - potentially toxic exposure	1	0.00%	0.74%
<b><u>Admitted to psychiatric facility</u></b>	<b><u>212</u></b>	<b><u>15.74</u></b>	
In/enroute to HCF	182	13.51	85.85%
No effect	37	0.69%	17.45%
Minor effect	111	1.#J%	52.36%
Moderate effect	18	-4.00%	8.49%
Judged as nontoxic - expect no effect	1	0.00%	0.47%
Minimal clinical effects possible	9	0.00%	4.25%
Unrelated - probably not responsible	6	0.00%	2.83%
Referred to HCF	30	2.23	14.15%
No effect	5	0.00%	2.36%
Minor effect	19	0.00%	8.96%
Moderate effect	4	0.00%	1.89%
Minimal clinical effects possible	2	0.05%	0.94%
<b><u>Patient lost to follow-up/left AMA</u></b>	<b><u>65</u></b>	<b><u>4.83</u></b>	
In/enroute to HCF	30	2.23	46.15%
No effect	1	0.00%	1.54%
Minor effect	2	0.00%	3.08%
Minimal clinical effects possible	9	0.02%	13.85%
Unable to follow - potentially toxic exposure	14	1.25%	21.54%
Unrelated - probably not responsible	4	0.00%	6.15%
Referred to HCF	35	2.60	53.85%
Minor effect	1	0.00%	1.54%
Minimal clinical effects possible	12	0.07%	18.46%
Unable to follow - potentially toxic exposure	21	61.02%	32.31%
Unrelated - probably not responsible	1	31.58%	1.54%
<b><u>Patient REFUSED referral/NO SHOW</u></b>	<b><u>76</u></b>	<b><u>5.64</u></b>	
Referred to HCF	76	5.64	100.00%
No effect	3	0.02%	3.95%
Minor effect	7	5.59%	9.21%
Moderate effect	1	0.00%	1.32%
Minimal clinical effects possible	24	0.02%	31.58%
Unable to follow - potentially toxic exposure	37	1.46%	48.68%
Unrelated - probably not responsible	1	0.00%	1.32%
Confirmed non exposure	3	0.00%	3.95%
<b><u>N/A</u></b>	<b><u>4</u></b>	<b><u>0.30</u></b>	
In/enroute to HCF	2	0.15	50.00%
N/A	1	0.00%	25.00%
Minimal clinical effects possible	1	0.00%	25.00%
Referred to HCF	2	0.15	50.00%
N/A	2	0.00%	50.00%

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1,347

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100 %

## Medical Outcome

Feb/14/2006

3:19:31PM

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	<u>Number</u>	<u>Percentage</u>
<b>No Effect</b>	437	7.17 %
<b>Minor Effect</b>	730	11.98 %
<b>Moderate Effect</b>	258	4.24 %
<b>Major Effect</b>	17	0.28 %
<b>Death</b>	2	0.03 %
<b>Death - Indirect Report</b>	4	0.07 %
<b>Not Followed, Judged as Nontoxic Exposure</b>	1,540	25.28 %
<b>Not Followed - Minimal Clinical Effects Possible</b>	2,894	47.51 %
<b>Unable to Follow - Potentially Toxic Exposure</b>	82	1.35 %
<b>Unrelated Effect</b>	122	2.00 %
<b>Outcome NOT Coded</b>	5	0.08 %
<b>Total:</b>	<b>6,091</b>	<b>100 %</b>

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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>3,054</u></b>	<b><u>50.14%</u></b>	
No Effect	220	3.612%	7.20%
Minor Effect	132	2.167%	4.32%
Moderate Effect	12	0.197%	0.39%
Major Effect	1	0.016%	0.03%
Death - Indirect Report	1	0.016%	0.03%
Not Followed, Judged as Nontoxic Exposure	1,115	18.306%	36.51%
Not Followed - Minimal Clinical Effects Possible	1,530	25.119%	50.10%
Unable to Follow - Potentially Toxic Exposure	9	0.148%	0.29%
Unrelated Effect	32	0.525%	1.05%
Outcome NOT Coded	2	0.033%	0.07%
<b><u>Children 6 to 19 years</u></b>	<b><u>957</u></b>	<b><u>15.71%</u></b>	
No Effect	81	1.330%	8.46%
Minor Effect	156	2.561%	16.30%
Moderate Effect	53	0.870%	5.54%
Major Effect	3	0.049%	0.31%
Death - Indirect Report	2	0.033%	0.21%
Not Followed, Judged as Nontoxic Exposure	178	2.922%	18.60%
Not Followed - Minimal Clinical Effects Possible	436	7.158%	45.56%
Unable to Follow - Potentially Toxic Exposure	21	0.345%	2.19%
Unrelated Effect	26	0.427%	2.72%
Outcome NOT Coded	1	0.016%	0.10%
<b><u>Adult 20 years or more</u></b>	<b><u>2,080</u></b>	<b><u>34.15%</u></b>	
No Effect	136	2.233%	6.54%
Minor Effect	442	7.257%	21.25%
Moderate Effect	193	3.169%	9.28%
Major Effect	13	0.213%	0.63%
Death	2	0.033%	0.10%
Death - Indirect Report	1	0.016%	0.05%
Not Followed, Judged as Nontoxic Exposure	247	4.055%	11.88%
Not Followed - Minimal Clinical Effects Possible	928	15.236%	44.62%
Unable to Follow - Potentially Toxic Exposure	52	0.854%	2.50%
Unrelated Effect	64	1.051%	3.08%
Outcome NOT Coded	2	0.033%	0.10%
	<b><u>Total:</u></b>	<b><u>6,091</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>252</b>	<b>18.2%</b>
9.73%	135	DIAPER CARE/RASH PRODUCT		
1.80%	25	HYDROGEN PEROXIDE-3%		
1.59%	22	TOPICAL STEROID		
1.37%	19	CAMPHOR		
1.01%	14	OTHER TOPICAL ANTISEPTIC		
0.86%	12	METHYL SALICYLATE		
0.43%	6	CALAMINE		
0.43%	6	CAMPHOR AND METHYL SALICYLATE		
0.22%	3	ACNE PREPARATION		
0.22%	3	IODINE OR IODIDE-CONTAINING ANTISEPTIC		
0.50%	7	OTHERS AGENTS		
<b>ANALGESICS</b>			<b>240</b>	<b>17.3%</b>
7.64%	106	IBUPROFEN		
2.81%	39	ACETAMINOPHEN: PEDIATRIC FORMULATION		
2.02%	28	ACETAMINOPHEN: ADULT FORMULATION		
0.65%	9	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
0.58%	8	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
0.58%	8	NAPROXEN		
0.43%	6	APAP/ASA: WITH OTHER INGREDIENT		
0.36%	5	METHADONE		
0.29%	4	ACETAMINOPHEN WITH OTHER OPIOID		
0.29%	4	OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG		
1.66%	23	OTHERS AGENTS		
<b>COLD AND COUGH PREPARATIONS</b>			<b>149</b>	<b>10.7%</b>
3.53%	49	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
2.16%	30	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.44%	20	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.30%	18	OTHER DEXTROMETHORPHAN PREPARATION		
1.01%	14	OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
0.65%	9	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID		
0.22%	3	ANTIHISTAMINE/DECON/PPA/WITHOUT OPIOID		
0.14%	2	ANTIHISTAMINE/DECON/OTHER OPIOID/WITHOUT PPA		
0.14%	2	EXPECT/ANTITUSSIVE WITHOUT OPIOID		
0.07%	1	ANTIHISTAMINE/DECON/CODEINE/WITHOUT PPA		
0.07%	1	OTHERS AGENTS		
<b>VITAMINS</b>			<b>106</b>	<b>7.6%</b>
3.39%	47	MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)		
1.87%	26	MULTI VITAMIN-TABLET: CHILD WITHOUT IRON OR FLUORIDE		
0.65%	9	MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)		
0.43%	6	OTHER B COMPLEX VITAMINS		
0.36%	5	MULTI VITAMIN-TABLET: ADULT WITHOUT IRON OR FLUORIDE		

Drug Related Substances

0.29%	4	MULTI VITAMIN-TABLET: ADULT WITH IRON (NO FLUORIDE)
0.14%	2	MULTI VITAMIN-LIQUID: CHILD WITH IRON (NO FLUORIDE)
0.14%	2	UNKNOWN TYPE OF VITAMIN
0.14%	2	VITAMIN E
0.07%	1	MULTI VITAMIN-LIQUID: CHILD WITHOUT IRON OR FLUORIDE
0.14%	2	OTHERS AGENTS

**GASTROINTESTINAL PREPARATIONS**

96

6.9%

2.45%	34	ANTACID: OTHER
1.73%	24	LAXATIVE
1.08%	15	GASTROINTESTINAL PREP: OTHER
1.01%	14	PROTON PUMP INHIBITOR
0.43%	6	ANTACID: SALICYLATE-CONTAINING
0.14%	2	ANTISPASMODIC: ANTICHOLINERGIC
0.07%	1	ANTIDIARRHEAL: LOPERAMIDE

**ANTIMICROBIALS**

92

6.6%

3.75%	52	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION
1.30%	18	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
1.22%	17	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
0.14%	2	ANTIFUNGAL: SYSTEMIC (PO, IV, IM) PREPARATION
0.07%	1	ANTHELMINTIC: OTHER
0.07%	1	ANTIVIRAL: SYSTEMIC (PO, IV, IM) PREPARATION
0.07%	1	METRONIDAZOLE

**ANTIHISTAMINES**

74

5.3%

2.67%	37	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)
1.59%	22	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)
1.01%	14	CIMETIDINE AND OTHER H2 ANTAGONIST
0.07%	1	DIPHENHYDRAMINE-ALONE (OTC)

**CARDIOVASCULAR DRUGS**

56

4.0%

1.22%	17	BETA BLOCKER (INCLUDE PROPRANOLOL)
0.79%	11	ANGIOTENSIN RECEPTOR BLOCKER
0.72%	10	ACE INHIBITOR
0.36%	5	ANTIHYPERLIPIDEMIC
0.29%	4	CALCIUM ANTAGONIST
0.29%	4	CLONIDINE
0.07%	1	ALPHA BLOCKER
0.07%	1	CARDIAC GLYCOSIDE
0.07%	1	NITROGLYCERIN
0.07%	1	OTHER CARDIOVASCULAR DRUG
0.07%	1	OTHERS AGENTS

**HORMONES AND HORMONE ANTAGONISTS**

47

3.4%

1.15%	16	ORAL CONTRACEPTIVE
0.86%	12	CORTICOSTEROID
0.58%	8	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)
0.29%	4	ORAL HYPOGLYCEMIC: BIGUANIDE
0.14%	2	ESTROGEN (EXCLUDING DIETARY SUPPLEMENT)

Drug Related Substances

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0.14%	2	ORAL HYPOGLYCEMIC: SULFONYLUREA
0.07%	1	INSULIN
0.07%	1	ORAL HYPOGLYCEMIC: THIAZOLIDINEDIONE
0.07%	1	PROGESTIN

**ELECTROLYTES AND MINERALS**

36

2.6%

1.08%	15	CALCIUM AND CALCIUM SALTS
0.65%	9	FLUORIDE (EXCLUDING VITAMINS, HF & MOUTHWASH)
0.50%	7	IRON (EXCLUDING VITAMINS WITH IRON)
0.22%	3	SODIUM AND SODIUM SALTS
0.07%	1	MULTI-MINERAL DIETARY SUPPLEMENT
0.07%	1	ZINC

**OTHERS**

240

17.3%

1.95%	27	LEUKOTRIENE ANTAGONIST/INHIBITOR
1.87%	26	SSRI
0.94%	13	HOMEOPATHIC
0.86%	12	BENZODIAZEPINE
0.79%	11	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
0.79%	11	AMPHETAMINE AND RELATED COMPOUND
0.79%	11	METHYLPHENIDATE
0.79%	11	UNKNOWN DRUG
0.65%	9	ATYPICAL ANTIPSYCHOTIC
0.50%	7	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN
7.35%	102	OTHERS AGENTS

1,388

Grand Total

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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**

**COSMETICS/PERSONAL CARE PRODUCTS**

**456**

**26.1%**

4.29%	75	CREAM/LOTION/MAKE-UP
2.69%	47	SUNTAN/SUNSCREEN
2.52%	44	DEODORANT
2.40%	42	PERFUME/COLOGNE/AFTERSHAVE
2.29%	40	TOOTHPASTE WITH FLUORIDE
1.77%	31	SOAP (BAR, HAND OR COMPLEXION)
1.49%	26	NAIL POLISH
1.03%	18	MOUTHWASH: ETHANOL-CONTAINING
0.97%	17	LIPSTICK/BALM, WITHOUT CAMPHOR
0.69%	12	BATH OIL/BUBBLE BATH
5.95%	104	OTHERS AGENTS

**CLEANING SUBSTANCES (HOUSEHOLD)**

**327**

**18.7%**

2.86%	50	BLEACH: HYPOCHLORITE (LIQUID & DRY)
1.20%	21	DISINFECTANT: OTHER/UNKNOWN
0.97%	17	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ALKALI
0.86%	15	CARPET/UPHOLSTERY/LEATHER/VINYL CLEANER
0.86%	15	MISC. CLEANING AGENT: ANIONIC/NONIONIC
0.80%	14	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ANIONIC/NONIONIC
0.74%	13	AUTOMATIC DISHWASHER DETERGENT: GRANULAR
0.74%	13	GLASS CLEANER: ISOPROPANOL
0.63%	11	HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC
0.63%	11	LAUNDRY DETERGENT: GRANULAR
8.40%	147	OTHERS AGENTS

**FOREIGN BODIES/TOYS/MISCELLANEOUS**

**258**

**14.8%**

7.83%	137	DESICCANT
2.40%	42	TOY
2.12%	37	OTHER FOREIGN BODY
0.69%	12	BUBBLE BLOWING SOLUTION
0.57%	10	FECES/URINE
0.46%	8	SOIL
0.23%	4	COIN
0.17%	3	THERMOMETER: UNKNOWN TYPE
0.11%	2	CHARCOAL
0.06%	1	ASH
0.11%	2	OTHERS AGENTS

**PLANTS**

**112**

**6.4%**

1.54%	27	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC
1.32%	23	PLANT: NON-TOXIC
1.26%	22	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)
0.80%	14	PLANT: OXALATE
0.51%	9	PLANT: OTHER TOXIC

Non-Drug Related Substances

0.34%	6	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE
0.34%	6	PLANT: DERMATITIS (NON-OXALATE)
0.11%	2	PLANT: CARDIAC GLYCOSIDE (EXCLUDING DRUGS)
0.06%	1	PLANT: DEPRESSANT
0.06%	1	PLANT: HALLUCINOGENIC (CODE AS STREET DRUG UNLESS PLANT PART INVOLVED)
0.06%	1	OTHERS AGENTS

**PESTICIDES**

101

5.8%

1.83%	32	LONG-ACTING ANTICOAGULANT RODENTICIDE
0.80%	14	INSECT REPELLENT WITH DEET
0.80%	14	OTHER INSECTICIDE
0.74%	13	PYRETHROID
0.23%	4	NAPHTHALENE MOTH REPELLENT
0.17%	3	BORATE/BORIC ACID PESTICIDE
0.17%	3	BROMETHALIN
0.17%	3	ORGANOPHOSPHATE
0.17%	3	RODENTICIDE: OTHER
0.17%	3	UNKNOWN MOTHBALL OR MOTH REPELLENT
0.51%	9	OTHERS AGENTS

**ARTS/CRAFTS/OFFICE SUPPLIES**

93

5.3%

2.40%	42	PEN/INK
0.97%	17	OTHER ARTS/CRAFTS/WRITING PRODUCT
0.57%	10	CRAYON
0.34%	6	CLAY
0.29%	5	TYPEWRITER CORRECTION FLUID
0.23%	4	PENCIL
0.17%	3	ARTIST PAINT, NON-WATER COLOR
0.17%	3	CHALK
0.17%	3	WATER COLOR

**ALCOHOLS**

66

3.8%

2.00%	35	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE
1.54%	27	ETHANOL (NON-BEVERAGE, NON-RUBBING)
0.11%	2	ETHANOL (BEVERAGE)
0.06%	1	METHANOL (EXCLUDING AUTOMOTIVE PRODUCTS AND CLEANING SUBSTANCES)
0.06%	1	RUBBING ALCOHOL: UNKNOWN

**DEODORIZERS**

41

2.3%

0.69%	12	DEODORIZER: OTHER, NOT FOR PERSONAL USE
0.63%	11	AIR FRESHENER: SOLID
0.34%	6	AIR FRESHENER: LIQUID
0.34%	6	AIR FRESHENER: OTHER/UNKNOWN FORMULATION
0.23%	4	AIR FRESHENER: AEROSOL
0.11%	2	TOILET BOWL DEODORIZER

**OTHER/UNKNOWN NONDRUG SUBSTANCES**

37

2.1%

1.43%	25	OTHER NON-DRUG SUBSTANCE
0.69%	12	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG

**HYDROCARBONS**

27

1.5%

Non-Drug Related Substances

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0.46%	8	LUBRICATING OIL/MOTOR OIL
0.40%	7	GASOLINE
0.23%	4	OTHER HYDROCARBON
0.17%	3	LAMP OIL
0.17%	3	LIGHTER FLUID/NAPHTHA
0.06%	1	FREON/OTHER PROPELLANT
0.06%	1	KEROSENE

**OTHERS**

**231**

**13.2%**

1.03%	18	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT
1.03%	18	PAINT: WATER BASE (ACRYLIC, LATEX)
0.97%	17	CIGARETTE
0.63%	11	MISC. POLISHES AND WAXES (EXCLUDING MINERAL SEAL OIL)
0.51%	9	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY
0.46%	8	CYANOACRYLATE
0.46%	8	NON-TOXIC (WHITE GLUE, PAPER GLUES)
0.40%	7	UNKNOWN TYPE OF ADHESIVE, GLUE, CEMENT OR PASTE
0.40%	7	OTHER/UNKNOWN ESSENTIAL OIL
0.40%	7	QUESTION ABOUT POSSIBLY SPOILED FOOD
6.92%	121	OTHERS AGENTS

1,749

Grand Total

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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>181</b>	<b>26.3%</b>
7.12%	49 ACETAMINOPHEN: ADULT FORMULATION		
5.81%	40 IBUPROFEN		
2.33%	16 ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION		
1.89%	13 NAPROXEN		
1.16%	8 ACETAMINOPHEN: PEDIATRIC FORMULATION		
1.16%	8 ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION		
1.02%	7 APAP/ASA: WITH OTHER INGREDIENT		
0.87%	6 ACETAMINOPHEN WITH OXYCODONE		
0.87%	6 OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)		
0.73%	5 ACETAMINOPHEN WITH HYDROCODONE		
3.34%	23 OTHERS AGENTS		
<b>COLD AND COUGH PREPARATIONS</b>		<b>76</b>	<b>11.0%</b>
3.63%	25 ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA		
1.89%	13 ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA		
1.74%	12 APAP/DECON/ANTIHTAMINE/WITHOUT PPA/DEXTROMETHORPHAN		
1.31%	9 OTHER DEXTROMETHORPHAN PREPARATION		
0.87%	6 APAP/DECON/ANTIHTAMINE/WITHOUT PPA & OPIOID		
0.73%	5 OTHER COUGH/COLD PREPARATION (EXCLUDING PPA, DEXTROMETHORPHAN, APAP, ASA)		
0.29%	2 EXPECT/ANTITUSSIVE WITHOUT OPIOID		
0.29%	2 UNKNOWN COUGH/COLD PREPARATION		
0.15%	1 ANTIHISTAMINE/DECON/CODEINE/WITHOUT PPA		
0.15%	1 ANTIHISTAMINE/DECON/PPA/WITHOUT OPIOID		
<b>SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS</b>		<b>64</b>	<b>9.3%</b>
4.36%	30 ATYPICAL ANTIPSYCHOTIC		
2.76%	19 BENZODIAZEPINE		
1.45%	10 OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG		
0.29%	2 BUSPIRONE		
0.15%	1 BARBITUREATE: SHORT AND INTERMEDIATE ACTING		
0.15%	1 PHENOTHIAZINE		
0.15%	1 SLEEP AID-OTC (EXCLUDING DIPHENHYDRAMINE)		
<b>STIMULANTS AND STREET DRUGS</b>		<b>63</b>	<b>9.2%</b>
3.63%	25 METHYLPHENIDATE		

Drug Related Substances

2.76%	19	AMPHETAMINE AND RELATED COMPOUND
0.87%	6	CAFFEINE
0.73%	5	HALLUCINOGENIC AMPHETAMINE
0.73%	5	MARIJUANA
0.15%	1	DIET AID: OTHER OTC
0.15%	1	EPHEDRINE
0.15%	1	MESCALINE/PEYOTE

**ANTIDEPRESSANTS**

53

7.7%

3.63%	25	SSRI
1.45%	10	LITHIUM
1.45%	10	OTHER ANTIDEPRESSANT
1.02%	7	TRAZODONE
0.15%	1	NORTRIPTYLINE

**ANTIHISTAMINES**

40

5.8%

3.49%	24	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)
2.03%	14	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)
0.15%	1	CIMETIDINE AND OTHER H2 ANTAGONIST
0.15%	1	DIPHENHYDRAMINE-ALONE (OTC)

**ANTICONVULSANTS**

34

4.9%

2.91%	20	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)
1.45%	10	VALPROIC ACID
0.58%	4	CARBAMAZEPINE

**TOPICAL PREPARATIONS**

32

4.7%

0.73%	5	ACNE PREPARATION
0.73%	5	HYDROGEN PEROXIDE-3%
0.73%	5	TOPICAL STEROID
0.58%	4	OTHER RUBEFACIENT OR LINIMENT (EXCLUDE CAMPHOR, METHYL SALICYLATE)
0.44%	3	OTHER TOPICAL ANTISEPTIC
0.29%	2	CAMPHOR
0.29%	2	DIAPER CARE/RASH PRODUCT
0.29%	2	IODINE OR IODIDE-CONTAINING ANTISEPTIC
0.15%	1	BORIC ACID/BORATE (ANTISEPTIC, EXCLUDING INSECTICIDE)
0.15%	1	CALAMINE
0.29%	2	OTHERS AGENTS

**ANTIMICROBIALS**

28

4.1%

3.05%	21	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION
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Drug Related Substances

0.44%	3	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
0.44%	3	ANTIVIRAL: SYSTEMIC (PO, IV, IM) PREPARATION
0.15%	1	ANTIBIOTIC: UNKNOWN PREPARATION

**CARDIOVASCULAR DRUGS**

20

2.9%

1.60%	11	CLONIDINE
0.44%	3	ACE INHIBITOR
0.44%	3	BETA BLOCKER (INCLUDE PROPRANOLOL)
0.15%	1	CALCIUM ANTAGONIST
0.15%	1	HYDRALAZINE
0.15%	1	VASOPRESSOR

**OTHERS**

97

14.1%

1.31%	9	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
1.31%	9	UNKNOWN DRUG
1.02%	7	LEUKOTRIENE ANTAGONIST/INHIBITOR
0.87%	6	LAXATIVE
0.73%	5	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)
0.58%	4	CORTICOSTEROID
0.58%	4	ORAL CONTRACEPTIVE
0.44%	3	LOCAL/TOPICAL ANESTHETIC: OTHER/UNKNOWN
0.44%	3	ANTICHOLINERGIC DRUG (EXCLUDING COUGH & COLD PREPARATION & PLANT)
0.44%	3	ALBUTEROL
6.40%	44	OTHERS AGENTS

**688** 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>COSMETICS/PERSONAL CARE PRODUCTS</b>			<b>59</b>	<b>12.8%</b>
2.82%	13	MOUTHWASH: ETHANOL-CONTAINING		
2.17%	10	MOUTHWASH: FLUORIDE CONTAINING		
0.87%	4	ACRYLIC NAIL ADHESIVE		
0.87%	4	DEODORANT		
0.87%	4	SUNTAN/SUNSCREEN		
0.65%	3	HAIR RINSE/CONDITIONER/RELAXER		
0.65%	3	NAIL POLISH		
0.65%	3	PERFUME/COLOGNE/AFTERSHAVE		
0.65%	3	TOOTHPASTE WITH FLUORIDE		
0.43%	2	CREAM/LOTION/MAKE-UP		
2.17%	10	OTHERS AGENTS		
<b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b>			<b>56</b>	<b>12.1%</b>
6.07%	28	TOY		
1.95%	9	OTHER FOREIGN BODY		
1.08%	5	DESICCANT		
1.08%	5	THERMOMETER: OTHER		
0.65%	3	COIN		
0.65%	3	GLOW PRODUCT		
0.22%	1	FECES/URINE		
0.22%	1	THERMOMETER: MERCURY		
0.22%	1	THERMOMETER: UNKNOWN TYPE		
<b>CLEANING SUBSTANCES (HOUSEHOLD)</b>			<b>54</b>	<b>11.7%</b>
3.47%	16	BLEACH: HYPOCHLORITE (LIQUID & DRY)		
0.43%	2	DISINFECTANT: HYPOCHLORITE, NON-BLEACH PRODUCT		
0.43%	2	DISINFECTANT: OTHER/UNKNOWN		
0.43%	2	DISINFECTANT: PINE OIL		
0.43%	2	DRAIN CLEANER: ALKALI		
0.43%	2	FABRIC SOFTENER/ANTI-STATIC AGENT: LIQUID		
0.43%	2	GLASS CLEANER: ISOPROPANOL		
0.43%	2	HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC		
0.43%	2	LAUNDRY DETERGENT: GRANULAR		
0.43%	2	LAUNDRY DETERGENT: LIQUID		
4.34%	20	OTHERS AGENTS		
<b>ARTS/CRAFTS/OFFICE SUPPLIES</b>			<b>47</b>	<b>10.2%</b>
6.29%	29	PEN/INK		
1.52%	7	PENCIL		
0.43%	2	ARTIST PAINT, NON-WATER COLOR		
0.43%	2	CRAYON		
0.43%	2	OTHER ARTS/CRAFTS/WRITING PRODUCT		
0.22%	1	CHALK		
0.22%	1	CLAY		

Non-Drug Related Substances

0.22%	1	TYPEWRITER CORRECTION FLUID
0.22%	1	UNKNOWN ARTS/CRAFTS/WRITING PRODUCTS
0.22%	1	WATER COLOR

<b>PLANTS</b>	<b>34</b>	<b>7.4%</b>
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2.82%	13	PLANT: DERMATITIS (NON-OXALATE)
2.17%	10	PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC
0.87%	4	PLANT: AMYGDALIN/CYANOGENIC GLYCOSIDE
0.65%	3	PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)
0.43%	2	PLANT: NON-TOXIC
0.22%	1	PLANT: DEPRESSANT
0.22%	1	PLANT: OTHER TOXIC

<b>ALCOHOLS</b>	<b>23</b>	<b>5.0%</b>
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3.69%	17	ETHANOL (BEVERAGE)
0.43%	2	ETHANOL (NON-BEVERAGE, NON-RUBBING)
0.43%	2	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE
0.22%	1	HIGHER ALCOHOL (BUTANOL, AMYL ALCOHOL, PROPANOL)
0.22%	1	ISOPROPANOL (EXCLUDING RUBBING ALCOHOLS AND CLEANING SUBSTANCES)

<b>BITES AND ENVENOMATIONS</b>	<b>18</b>	<b>3.9%</b>
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1.08%	5	BEE/WASP/HORNET BITE/ENVENOMATION
0.43%	2	NON-POISONOUS SNAKE BITE
0.43%	2	OTHER INSECT BITE/ENVENOMATION
0.43%	2	OTHER SPIDER BITE/ENVENOMATION
0.22%	1	FISH BITE/ENVENOMATION
0.22%	1	JELLYFISH AND OTHER COELENTERATE ENVENOMATION
0.22%	1	OTHER MAMMAL BITE
0.22%	1	OTHER/UNKNOWN REPTILE BITE
0.22%	1	RODENT/LAGOMORPH BITE (EG, SQUIRREL, RAT, MOUSE, GERBIL, HAMSTER, RABBIT)
0.22%	1	TARANTULA BITE/ENVENOMATION
0.22%	1	OTHERS AGENTS

<b>FOOD PRODUCTS/FOOD POISONING</b>	<b>18</b>	<b>3.9%</b>
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2.39%	11	QUESTION ABOUT POSSIBLY SPOILED FOOD
0.65%	3	QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT
0.65%	3	SUSPECTED FOOD POISONING-UNKNOWN TYPE-PATIENT SYMPTOMATIC
0.22%	1	CAPSICUM/PEPPERS (FOODS)

<b>OTHER/UNKNOWN NONDRUG SUBSTANCES</b>	<b>18</b>	<b>3.9%</b>
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3.04%	14	OTHER NON-DRUG SUBSTANCE
0.87%	4	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG

<b>CHEMICALS</b>	<b>17</b>	<b>3.7%</b>
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1.30%	6	OTHER CHEMICAL
0.65%	3	OTHER ACID
0.43%	2	NITRATE AND NITRITE (EXCLUDING MEDICATION & SUBSTANCE OF ABUSE)
0.22%	1	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)
0.22%	1	BORATE/BORIC ACID (EXCLUDING TOPICALS AND INSECTICIDES)
0.22%	1	FORMALDEHYDE/FORMALIN
0.22%	1	HYDROCHLORIC ACID

Non-Drug Related Substances

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0.22%	1	HYDROFLUORIC ACID
0.22%	1	OTHER GLYCOL (EXCLUDING AUTOMOTIVE/AIRCRAFT/BOAT PRODUCT)

**OTHERS**

**117**

**25.4%**

1.74%	8	CYANOACRYLATE
1.74%	8	CARBON MONOXIDE
1.74%	8	PYRETHROID
1.30%	6	OTHER TYPE OF SWIMMING POOL OR AQUARIUM PRODUCT
1.08%	5	FIRE EXTINGUISHER
1.08%	5	COPPER
0.87%	4	PENLIGHT/FLASHLIGHT/DRY CELL BATTERY
0.87%	4	FREON/OTHER PROPELLANT
0.87%	4	ALGICIDE
0.65%	3	OTHER HYDROCARBON
13.45%	62	OTHERS AGENTS

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**461** 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>363</b>	<b>20.7%</b>
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3.43%	60	ACETAMINOPHEN: ADULT FORMULATION
2.91%	51	ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION
2.74%	48	IBUPROFEN
1.49%	26	OXYCODONE (EXCLUDING COMBINATIONS WITH APAP OR ASA)
1.09%	19	ACETAMINOPHEN WITH OXYCODONE
1.03%	18	OTHER/UNKNOWN OPIOID
0.91%	16	ACETAMINOPHEN WITH HYDROCODONE
0.91%	16	ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION
0.86%	15	ACETAMINOPHEN WITH OTHER OPIOID
0.80%	14	NAPROXEN
4.57%	80	OTHERS AGENTS

<b>SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS</b>	<b>321</b>	<b>18.3%</b>
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10.97%	192	BENZODIAZEPINE
3.77%	66	ATYPICAL ANTIPSYCHOTIC
2.29%	40	OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG
0.57%	10	PHENOTHIAZINE
0.46%	8	BARBITURATE: LONG ACTING
0.11%	2	SLEEP AID-OTC (EXCLUDING DIPHENHYDRAMINE)
0.06%	1	BARBITUREATE: SHORT AND INTERMEDIATE ACTING
0.06%	1	BUSPIRONE
0.06%	1	CHLORAL HYDRATE

<b>ANTIDEPRESSANTS</b>	<b>206</b>	<b>11.8%</b>
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5.66%	99	SSRI
2.17%	38	OTHER ANTIDEPRESSANT
2.11%	37	TRAZODONE
1.09%	19	LITHIUM
0.51%	9	AMITRIPTYLINE
0.23%	4	NORTRIPTYLINE

<b>CARDIOVASCULAR DRUGS</b>	<b>140</b>	<b>8.0%</b>
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2.11%	37	BETA BLOCKER (INCLUDE PROPRANOLOL)
1.77%	31	CALCIUM ANTAGONIST
1.14%	20	ACE INHIBITOR
0.91%	16	ANGIOTENSIN RECEPTOR BLOCKER
0.51%	9	ANTIHYPERTENSIVE
0.29%	5	CARDIAC GLYCOSIDE
0.23%	4	CLONIDINE
0.17%	3	ANTIHYPERTENSIVE (EXCLUDING DIURETIC)
0.17%	3	HYDRALAZINE
0.17%	3	VASOPRESSOR
0.51%	9	OTHERS AGENTS

<b>ANTICONSULSANTS</b>	<b>77</b>	<b>4.4%</b>
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Drug Related Substances

2.17%	38	OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)
1.09%	19	VALPROIC ACID
0.57%	10	CARBAMAZEPINE
0.57%	10	PHENYTOIN

**ANTIHISTAMINES**

70

4.0%

1.89%	33	DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)
1.66%	29	OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)
0.23%	4	CIMETIDINE AND OTHER H2 ANTAGONIST
0.23%	4	DIPHENHYDRAMINE-ALONE (OTC)

**COLD AND COUGH PREPARATIONS**

67

3.8%

1.09%	19	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/DEXTROMETHORPHAN
0.80%	14	ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA
0.51%	9	OTHER DEXTROMETHORPHAN PREPARATION
0.46%	8	EXPECT/ANTITUSSIVE WITHOUT OPIOID
0.34%	6	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA & OPIOID
0.23%	4	ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA
0.23%	4	ANTIHISTAMINE/DECON/OTHER OPIOID/WITHOUT PPA
0.06%	1	APAP/DECON/ANTIHISTAMINE/PPA/DEXTROMETHORPHAN
0.06%	1	APAP/DECON/ANTIHISTAMINE/WITHOUT PPA/CODEINE
0.06%	1	UNKNOWN COUGH/COLD PREPARATION

**STIMULANTS AND STREET DRUGS**

62

3.5%

0.86%	15	COCAINE
0.57%	10	HEROIN
0.57%	10	METHYLPHENIDATE
0.51%	9	AMPHETAMINE AND RELATED COMPOUND
0.40%	7	CAFFEINE
0.29%	5	HALLUCINOGENIC AMPHETAMINE
0.06%	1	EPHEDRINE
0.06%	1	GHB AND ANALOG/PRECURSOR
0.06%	1	MARIJUANA
0.06%	1	METHAMPHETAMINE
0.11%	2	OTHERS AGENTS

**HORMONES AND HORMONE ANTAGONISTS**

59

3.4%

1.03%	18	THYROID PREPARATION (INCLUDING SYNTHETICS AND EXTRACTS)
0.51%	9	CORTICOSTEROID
0.51%	9	INSULIN
0.51%	9	ORAL HYPOGLYCEMIC: BIGUANIDE
0.23%	4	ORAL HYPOGLYCEMIC: SULFONYLUREA
0.23%	4	ORAL HYPOGLYCEMIC: THIAZOLIDINEDIONE
0.11%	2	ANDROGEN (EXCLUDING DIETARY SUPPLEMENTS)
0.06%	1	ESTROGEN (EXCLUDING DIETARY SUPPLEMENT)
0.06%	1	ORAL CONTRACEPTIVE
0.06%	1	OTHER HORMONE ANTAGONIST
0.06%	1	OTHERS AGENTS

**ANTIMICROBIALS**

55

3.1%

Drug Related Substances

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2.06%	36	ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION
0.29%	5	ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
0.29%	5	ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION
0.17%	3	METRONIDAZOLE
0.11%	2	AMANTADINE
0.11%	2	ANTIBIOTIC: UNKNOWN PREPARATION
0.06%	1	ANTIFUNGAL: SYSTEMIC (PO, IV, IM) PREPARATION
0.06%	1	ANTIMALARIAL

**OTHERS**

**330**

**18.9%**

1.54%	27	OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG
1.49%	26	ANTICHOLINERGIC DRUG (EXCLUDING COUGH & COLD PREPARATION & PLANT)
1.26%	22	CYCLOBENZAPRINE
0.97%	17	UNKNOWN DRUG
0.91%	16	THIAZIDE
0.91%	16	HYDROGEN PEROXIDE-3%
0.80%	14	CARISOPRODOL (FORMULATED ALONE)
0.74%	13	PROTON PUMP INHIBITOR
0.57%	10	OTHER ANTIPLATELET
0.46%	8	CONTACT LENS PRODUCT
9.20%	161	OTHERS AGENTS

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**1,750** 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)  
Non-Drug Related**

**Non-Drug Related Substances**

**CLEANING SUBSTANCES (HOUSEHOLD)**

**166**

**17.0%**

6.05%	59	BLEACH: HYPOCHLORITE (LIQUID & DRY)
1.13%	11	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ALKALI
0.82%	8	WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ANIONIC/NONIONIC
0.62%	6	DISINFECTANT: PINE OIL
0.62%	6	MISC. HOUSEHOLD CLEANING AGENT: OTHER/UNKNOWN
0.51%	5	AMMONIA CLEANER (ALL PURPOSE)
0.51%	5	DRAIN CLEANER: ALKALI
0.51%	5	MISC. CLEANING AGENT: ANIONIC/NONIONIC
0.41%	4	AUTOMATIC DISHWASHER DETERGENT: LIQUID
0.31%	3	DRAIN CLEANER: SULFURIC ACID
5.54%	54	OTHERS AGENTS

**ALCOHOLS**

**159**

**16.3%**

10.87%	106	ETHANOL (BEVERAGE)
3.18%	31	ETHANOL (NON-BEVERAGE, NON-RUBBING)
1.23%	12	RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE
0.51%	5	ISOPROPANOL (EXCLUDING RUBBING ALCOHOLS AND CLEANING SUBSTANCES)
0.21%	2	METHANOL (EXCLUDING AUTOMOTIVE PRODUCTS AND CLEANING SUBSTANCES)
0.10%	1	HIGHER ALCOHOL (BUTANOL, AMYL ALCOHOL, PROPANOL)
0.10%	1	RUBBING ALCOHOL: ETHANOL-WITHOUT METHYL SALICYLATE
0.10%	1	RUBBING ALCOHOL: UNKNOWN

**COSMETICS/PERSONAL CARE PRODUCTS**

**84**

**8.6%**

2.26%	22	MOUTHWASH: ETHANOL-CONTAINING
1.23%	12	SOAP (BAR, HAND OR COMPLEXION)
0.72%	7	CREAM/LOTION/MAKE-UP
0.51%	5	DENTURE CLEANER
0.51%	5	PEROXIDE
0.41%	4	PERFUME/COLOGNE/AFTERSHAVE
0.41%	4	TOOTHPASTE WITH FLUORIDE
0.31%	3	HAIR SPRAY
0.21%	2	ACRYLIC NAIL ADHESIVE
0.21%	2	DEODORANT
1.85%	18	OTHERS AGENTS

**HYDROCARBONS**

**82**

**8.4%**

2.87%	28	OTHER HALOGENATED HYDROCARBON
2.46%	24	GASOLINE
0.72%	7	FREON/OTHER PROPELLANT
0.72%	7	LUBRICATING OIL/MOTOR OIL
0.31%	3	DIESEL FUEL
0.31%	3	LIGHTER FLUID/NAPHTHA
0.31%	3	OTHER HYDROCARBON
0.21%	2	TURPENTINE

Non-Drug Related Substances

0.21% 2 UNKNOWN TYPE OF HYDROCARBON  
 0.10% 1 LAMP OIL  
 0.21% 2 OTHERS AGENTS

**PESTICIDES**

76

7.8%

2.05% 20 PYRETHROID  
 0.92% 9 OTHER INSECTICIDE  
 0.72% 7 INSECT REPELLENT WITH DEET  
 0.72% 7 PYRETHRIN  
 0.41% 4 ORGANOPHOSPHATE  
 0.31% 3 LONG-ACTING ANTICOAGULANT RODENTICIDE  
 0.31% 3 ORGANOPHOSPHATE AND OTHER INSECTICIDE  
 0.31% 3 OTHER HERBICIDE  
 0.31% 3 UNKNOWN INSECTICIDE  
 0.21% 2 BROMETHALIN  
 1.54% 15 OTHERS AGENTS

**BITES AND ENVENOMATIONS**

67

6.9%

1.54% 15 BEE/WASP/HORNET BITE/ENVENOMATION  
 1.33% 13 UNKNOWN TYPE OF INSECT OR SPIDER BITE/ENVENOMATION  
 1.03% 10 OTHER INSECT BITE/ENVENOMATION  
 1.03% 10 OTHER SPIDER BITE/ENVENOMATION  
 0.41% 4 NON-POISONOUS SNAKE BITE  
 0.21% 2 CATERPILLAR BITE/ENVENOMATION  
 0.21% 2 COPPERHEAD ENVENOMATION  
 0.21% 2 RODENT/LAGOMORPH BITE (EG, SQUIRREL, RAT, MOUSE, GERBIL, HAMSTER, RABBIT)  
 0.21% 2 TICK BITE/ENVENOMATION  
 0.10% 1 ANT/FIRE ANT BITE/ENVENOMATION  
 0.62% 6 OTHERS AGENTS

**FUMES/GASES/VAPORS**

53

5.4%

2.26% 22 CARBON MONOXIDE  
 1.23% 12 CHLORINE GAS  
 0.62% 6 METHANE AND NATURAL GAS  
 0.51% 5 PROPANE AND OTHER SIMPLE ASPHYXIANT  
 0.41% 4 CHLORAMINE GAS  
 0.21% 2 UNKNOWN FUME, GAS OR VAPOR  
 0.10% 1 CARBON DIOXIDE  
 0.10% 1 OTHER FUME, GAS OR VAPOR

**FOOD PRODUCTS/FOOD POISONING**

51

5.2%

2.56% 25 QUESTION ABOUT POSSIBLY SPOILED FOOD  
 1.03% 10 QUESTION ABOUT FOOD PRODUCT, ADDITIVE OR SUPPLEMENT  
 0.92% 9 SUSPECTED FOOD POISONING-UNKNOWN TYPE-PATIENT SYMPTOMATIC  
 0.62% 6 CAPSICUM/PEPPERS (FOODS)  
 0.10% 1 CIGUATERA

**CHEMICALS**

39

4.0%

0.82% 8 OTHER CHEMICAL  
 0.72% 7 OTHER ACID

Non-Drug Related Substances

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0.62%	6	UNKNOWN CHEMICAL
0.41%	4	BORATE/BORIC ACID (EXCLUDING TOPICALS AND INSECTICIDES)
0.31%	3	ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT)
0.21%	2	AMMONIA (EXCLUDING CLEANER)
0.21%	2	HYDROCHLORIC ACID
0.21%	2	HYDROFLUORIC ACID
0.10%	1	DIOXIN
0.10%	1	ETHYLENE GLYCOL (EXCLUDING AUTOMOTIVE/AIRCRAFT/BOAT PRODUCT)
0.31%	3	OTHERS AGENTS

**OTHER/UNKNOWN NONDRUG SUBSTANCES**

23

2.4%

1.44%	14	UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG
0.92%	9	OTHER NON-DRUG SUBSTANCE

**OTHERS**

175

17.9%

1.54%	15	CYANOACRYLATE
0.92%	9	AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL
0.72%	7	INDUSTRIAL CLEANER: DISINFECTANT
0.72%	7	PLANT: DERMATITIS (NON-OXALATE)
0.62%	6	OTHER FOREIGN BODY
0.62%	6	INDUSTRIAL CLEANER: ALKALI
0.62%	6	PAINT: 'OIL-BASE
0.62%	6	OTHER TYPE OF SWIMMING POOL OR AQUARIUM PRODUCT
0.51%	5	AUTOMOTIVE PRODUCT: HYDROCARBON (TRANSMISSION FLUID, POWER STEERING FLUID)
0.41%	4	AUTOMOTIVE (AIRCRAFT/BOAT) BATTERY
10.67%	104	OTHERS AGENTS

**975 Grand Total**

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## Routes of Exposure - Human Exposures

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	Number	Percentage
ASPIRATION	5	0.08
BITE OR STING	93	1.42
DERMAL	631	9.66
INGEST	5,133	78.58
INHALATION	270	4.13
OCULAR	347	5.31
EAR(S)/OTIC	5	0.08
PARENTERAL	34	0.52
OTHER ROUTE OF EXPOSURE	9	0.14
UNKNOWN ROUTE OF EXPOSURE	2	0.03
VAGINAL	3	0.05
GRAND TOTAL:	<u>6,532</u>	100%

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

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## Treatments Performed

<b>DECONTAMINATION</b>				<b>5,059</b>	<b>84.98 %</b>
<b>Cathartic</b>				<b>116</b>	<b>1.95%</b>
PERFORMED - PCC RECOMMENDED	92	1.55 %			
PERFORMED - NOT RECOMMENDED (+NEED)	22	0.37 %			
PERFORMED - NOT RECOMMENDED (? NEED)	2	0.03 %			
<b>Dilute/Irrigate/Wash</b>				<b>4,102</b>	<b>68.91%</b>
PERFORMED - PCC RECOMMENDED	3,678	61.78 %			
PERFORMED - NOT RECOMMENDED (+NEED)	424	7.12 %			
<b>Food/Snack</b>				<b>167</b>	<b>2.81%</b>
PERFORMED - PCC RECOMMENDED	132	2.22 %			
PERFORMED - NOT RECOMMENDED (+NEED)	34	0.57 %			
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.02 %			
<b>Fresh air</b>				<b>187</b>	<b>3.14%</b>
PERFORMED - PCC RECOMMENDED	144	2.42 %			
PERFORMED - NOT RECOMMENDED (+NEED)	43	0.72 %			
<b>Ipecac</b>				<b>6</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	3	0.05 %			
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.05 %			
<b>Lavage</b>				<b>11</b>	<b>0.18%</b>
PERFORMED - PCC RECOMMENDED	5	0.08 %			
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.07 %			
PERFORMED - NOT RECOMMENDED (? NEED)	2	0.03 %			
<b>Multi-dose AC</b>				<b>7</b>	<b>0.12%</b>
PERFORMED - PCC RECOMMENDED	6	0.10 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.02 %			
<b>Emetic, Other</b>				<b>31</b>	<b>0.52%</b>
PERFORMED - PCC RECOMMENDED	10	0.17 %			
PERFORMED - NOT RECOMMENDED (? NEED)	21	0.35 %			
<b>Single Dose Activated Charcoal</b>				<b>429</b>	<b>7.21%</b>
PERFORMED - PCC RECOMMENDED	351	5.90 %			
PERFORMED - NOT RECOMMENDED (+NEED)	70	1.18 %			
PERFORMED - NOT RECOMMENDED (? NEED)	8	0.13 %			
<b>Whole bowel irrigation</b>				<b>3</b>	<b>0.05%</b>
PERFORMED - PCC RECOMMENDED	3	0.05 %			
<b>ANTIDOTAL</b>				<b>141</b>	<b>2.37 %</b>
<b>Atropine</b>				<b>5</b>	<b>0.08%</b>
PERFORMED - PCC RECOMMENDED	2	0.03 %			
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.05 %			
<b>Fab Fragments</b>				<b>2</b>	<b>0.03%</b>
PERFORMED - PCC RECOMMENDED	2	0.03 %			
<b>Flumazenil</b>				<b>3</b>	<b>0.05%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.02 %			
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.02 %			
<b>Fomepizole/Antizol</b>				<b>5</b>	<b>0.08%</b>
PERFORMED - PCC RECOMMENDED	5	0.08 %			
<b>Glucagon</b>				<b>4</b>	<b>0.07%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %			
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.05 %			

<b>Methylene Blue</b>				<b>1</b>	<b>0.02%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %			
<b>IV NAC</b>				<b>30</b>	<b>0.50%</b>
PERFORMED - PCC RECOMMENDED	26	0.44 %			
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.07 %			
<b>PO NAC</b>				<b>39</b>	<b>0.66%</b>
PERFORMED - PCC RECOMMENDED	36	0.60 %			
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.05 %			
<b>Narcan</b>				<b>49</b>	<b>0.82%</b>
PERFORMED - PCC RECOMMENDED	21	0.35 %			
PERFORMED - NOT RECOMMENDED (+NEED)	23	0.39 %			
PERFORMED - NOT RECOMMENDED (? NEED)	5	0.08 %			
<b>Pyridoxine</b>				<b>3</b>	<b>0.05%</b>
PERFORMED - PCC RECOMMENDED	3	0.05 %			

<b>INTENSIVE CARE</b>				<b>69</b>	<b>1.16 %</b>
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<b>Cardiopulmonary Resuscitation (CPR)</b>				<b>2</b>	<b>0.03%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.02 %			
<b>Dialysis</b>				<b>4</b>	<b>0.07%</b>
PERFORMED - PCC RECOMMENDED	4	0.07 %			
<b>Hyperbaric Oxygen</b>				<b>6</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %			
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.08 %			
<b>Hemoperfusion</b>				<b>1</b>	<b>0.02%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %			
<b>Intubation</b>				<b>33</b>	<b>0.55%</b>
PERFORMED - PCC RECOMMENDED	16	0.27 %			
PERFORMED - NOT RECOMMENDED (+NEED)	17	0.29 %			
<b>Pacemaker</b>				<b>1</b>	<b>0.02%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.02 %			
<b>Ventilator</b>				<b>22</b>	<b>0.37%</b>
PERFORMED - PCC RECOMMENDED	9	0.15 %			
PERFORMED - NOT RECOMMENDED (+NEED)	13	0.22 %			

<b>GENERAL TREATMENT</b>				<b>684</b>	<b>11.49 %</b>
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<b>Alkalinization</b>				<b>18</b>	<b>0.30%</b>
PERFORMED - PCC RECOMMENDED	15	0.25 %			
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.05 %			
<b>Antihypertensive</b>				<b>2</b>	<b>0.03%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %			
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.02 %			
<b>Antibiotics</b>				<b>22</b>	<b>0.37%</b>
PERFORMED - PCC RECOMMENDED	9	0.15 %			
PERFORMED - NOT RECOMMENDED (+NEED)	13	0.22 %			
<b>Anticonvulsant</b>				<b>2</b>	<b>0.03%</b>
PERFORMED - PCC RECOMMENDED	2	0.03 %			
<b>Antiemetics</b>				<b>30</b>	<b>0.50%</b>
PERFORMED - PCC RECOMMENDED	16	0.27 %			
PERFORMED - NOT RECOMMENDED (+NEED)	14	0.24 %			
<b>Antihistamine</b>				<b>51</b>	<b>0.86%</b>
PERFORMED - PCC RECOMMENDED	35	0.59 %			
PERFORMED - NOT RECOMMENDED (+NEED)	15	0.25 %			

PERFORMED - NOT RECOMMENDED (? NEED)	1	0.02 %		
<b>Benzodiazepines</b>			<b>52</b>	<b>0.87%</b>
PERFORMED - PCC RECOMMENDED	26	0.44 %		
PERFORMED - NOT RECOMMENDED (+NEED)	25	0.42 %		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.02 %		
<b>Bronchodilators</b>			<b>11</b>	<b>0.18%</b>
PERFORMED - PCC RECOMMENDED	5	0.08 %		
PERFORMED - NOT RECOMMENDED (+NEED)	6	0.10 %		
<b>Calcium</b>			<b>5</b>	<b>0.08%</b>
PERFORMED - PCC RECOMMENDED	2	0.03 %		
PERFORMED - NOT RECOMMENDED (+NEED)	2	0.03 %		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.02 %		
<b>IV Fluids</b>			<b>148</b>	<b>2.49%</b>
PERFORMED - PCC RECOMMENDED	81	1.36 %		
PERFORMED - NOT RECOMMENDED (+NEED)	67	1.13 %		
<b>Glucose &gt; 5%</b>			<b>6</b>	<b>0.10%</b>
PERFORMED - PCC RECOMMENDED	2	0.03 %		
PERFORMED - NOT RECOMMENDED (+NEED)	4	0.07 %		
<b>Insulin</b>			<b>2</b>	<b>0.03%</b>
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.02 %		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.02 %		
<b>Neuromuscular Blocker</b>			<b>2</b>	<b>0.03%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %		
PERFORMED - NOT RECOMMENDED (+NEED)	1	0.02 %		
<b>Octreotide</b>			<b>1</b>	<b>0.02%</b>
PERFORMED - PCC RECOMMENDED	1	0.02 %		
<b>Other Other Therapy</b>			<b>215</b>	<b>3.61%</b>
PERFORMED - PCC RECOMMENDED	104	1.75 %		
PERFORMED - NOT RECOMMENDED (+NEED)	103	1.73 %		
PERFORMED - NOT RECOMMENDED (? NEED)	8	0.13 %		
<b>Oxygen</b>			<b>81</b>	<b>1.36%</b>
PERFORMED - PCC RECOMMENDED	31	0.52 %		
PERFORMED - NOT RECOMMENDED (+NEED)	49	0.82 %		
PERFORMED - NOT RECOMMENDED (? NEED)	1	0.02 %		
<b>Sedation (Other)</b>			<b>18</b>	<b>0.30%</b>
PERFORMED - PCC RECOMMENDED	6	0.10 %		
PERFORMED - NOT RECOMMENDED (+NEED)	12	0.20 %		
<b>Steroids</b>			<b>8</b>	<b>0.13%</b>
PERFORMED - PCC RECOMMENDED	2	0.03 %		
PERFORMED - NOT RECOMMENDED (+NEED)	3	0.05 %		
PERFORMED - NOT RECOMMENDED (? NEED)	3	0.05 %		
<b>Vasopressors</b>			<b>10</b>	<b>0.17%</b>
PERFORMED - PCC RECOMMENDED	5	0.08 %		
PERFORMED - NOT RECOMMENDED (+NEED)	5	0.08 %		
<b>Grand Total:</b>			<b>5,953</b>	

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