

## Poison Center Activity Report 2004

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



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

Definitions:

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

**HCF:** Health Care Facility

**Outcomes:** outcomes have specific definitions.

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

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

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

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**Counties Included in Report**

**Maryland-MD**

| <b>County</b>     | <b>County#/FIP</b> |
|-------------------|--------------------|
| <b>DORCHESTER</b> | <b>24019</b>       |

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

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

## Calls by Call Type

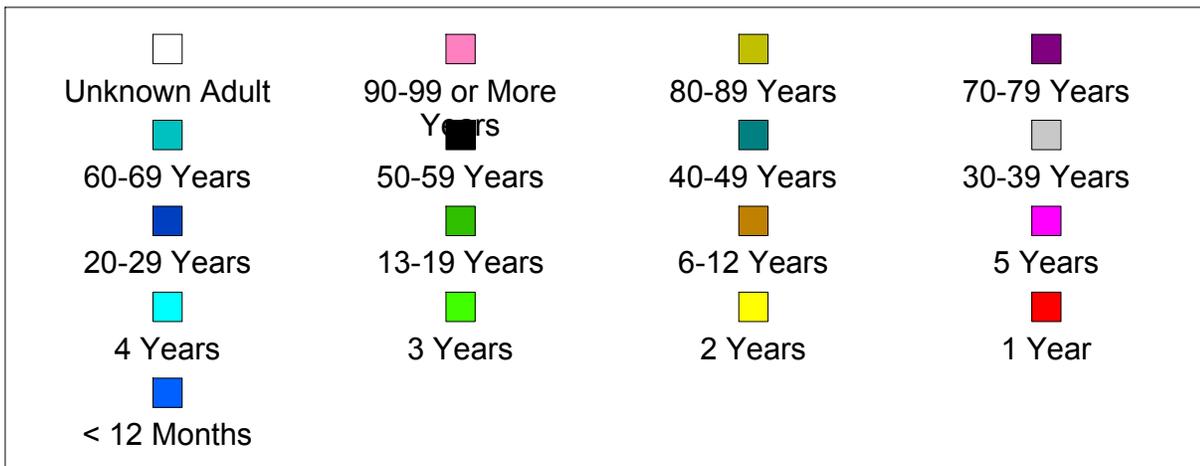
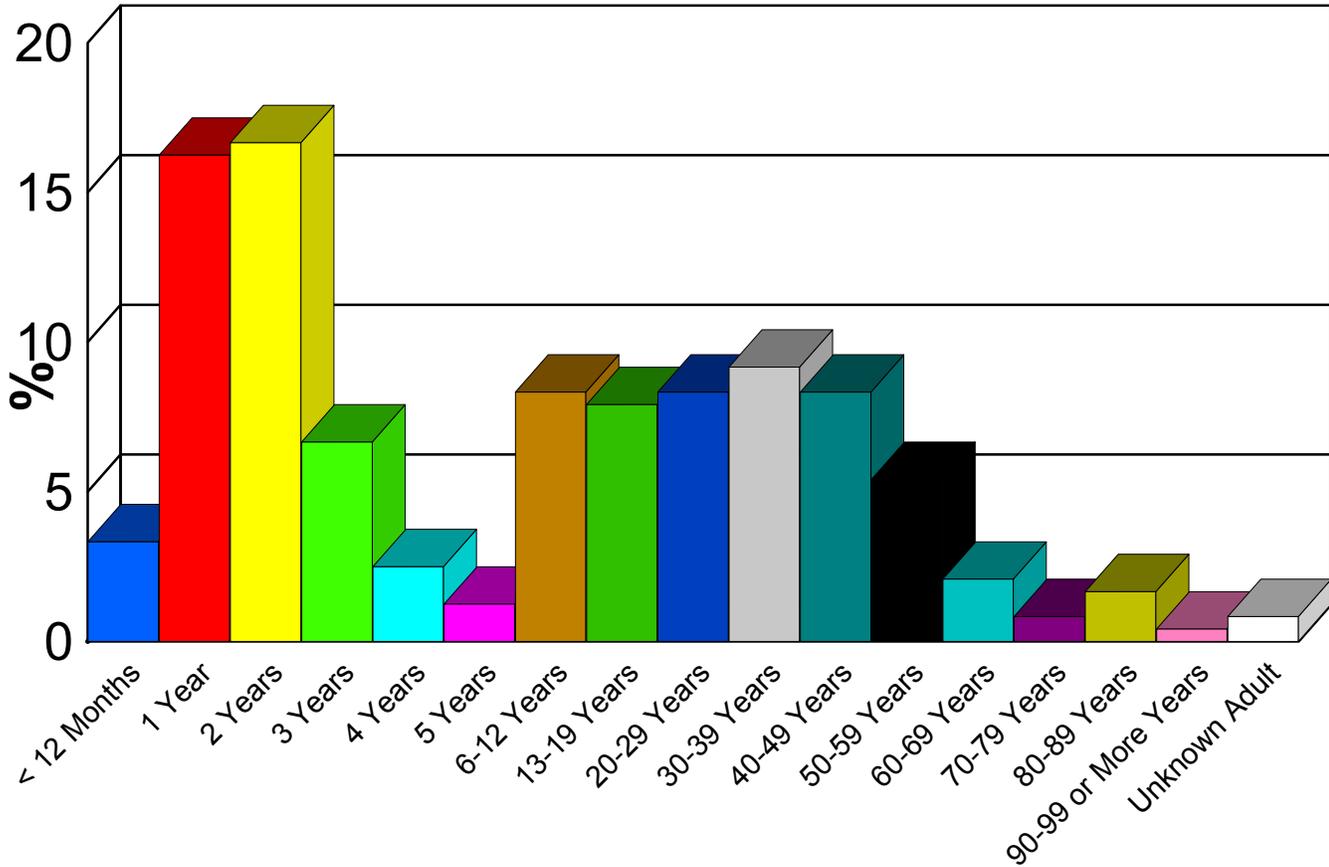
|                            |            |          |   |
|----------------------------|------------|----------|---|
| <b>Exposures</b>           | <b>247</b> | <b>%</b> | <b>71.80</b>  |
| <b>Human Exposures</b>     | <b>240</b> | <b>%</b> | <b>69.77</b>  |
| <b>Confirmed Exposure</b>  | <b>240</b> | <b>%</b> | <b>69.77</b>  |
| <b>Animal Exposures</b>    | <b>7</b>   | <b>%</b> | <b>2.03</b>   |
| <b>Confirmed Exposure</b>  | <b>7</b>   | <b>%</b> | <b>2.03</b>   |
| <b>Information Calls</b>   | <b>97</b>  | <b>%</b> | <b>28.20</b>  |
| <b>Drug Information</b>    | <b>26</b>  | <b>%</b> | <b>7.56</b>   |
| 3.85%                      | 1          |          | Brand/generic name clarifications                             |
| 3.85%                      | 1          |          | Dosage  |
| 3.85%                      | 1          |          | Dosage form/formulation                                       |
| 15.38%                     | 4          |          | Drug-drug interactions  |
| 7.69%                      | 2          |          | Indications/therapeutic use                                   |
| 3.85%                      | 1          |          | Pharmacokinetics  |
| 3.85%                      | 1          |          | Pharmacology  |
| 57.69%                     | 15         |          | Other   |
| <b>Drug ID</b>             | <b>43</b>  | <b>%</b> | <b>12.50</b>  |
| 46.51%                     | 20         |          | Public - Drug sometimes involved in abuse                     |
| 13.95%                     | 6          |          | Public - Drug not known to be abused                          |
| 2.33%                      | 1          |          | Public - Unknown abuse potential                              |
| 6.98%                      | 3          |          | Public - Unable to identify                                   |
| 2.33%                      | 1          |          | Health Prof - Drug sometimes involved in abuse                |
| 13.95%                     | 6          |          | Health Prof - Drug not known to be abused                     |
| 2.33%                      | 1          |          | Law Enfrcmnt - Drug not known to be abused                    |
| 11.63%                     | 5          |          | Other   |
| <b>Environmental Info</b>  | <b>2</b>   | <b>%</b> | <b>0.58</b>   |
| 50.00%                     | 1          |          | Pesticide application by a professional pest control operator |
| 50.00%                     | 1          |          | Pesticides (other)  |
| <b>Medical Information</b> | <b>1</b>   | <b>%</b> | <b>0.29</b>   |
| 100.00%                    | 1          |          | Other   |
| <b>Poison Information</b>  | <b>22</b>  | <b>%</b> | <b>6.40</b>   |
| 4.55%                      | 1          |          | Food preparation/handling practices                           |
| 40.91%                     | 9          |          | General toxicity  |
| 4.55%                      | 1          |          | Plant toxicity  |
| 4.55%                      | 1          |          | Toxicology information for legal use/litigation               |
| 45.45%                     | 10         |          | Other   |
| <b>Prevention/Safety</b>   | <b>3</b>   | <b>%</b> | <b>0.87</b>   |
| 33.33%                     | 1          |          | Confirmation of poison center number                          |
| 33.33%                     | 1          |          | General (non-poison) injury prevention requests               |
| 33.33%                     | 1          |          | Poison prevention material requests                           |
| <b>Grand Total:</b>        | <b>344</b> | <b>%</b> | <b>100.00</b>   |

## Patient Age & Sex Distribution by Age Groupings

|                       |           |                |
|-----------------------|-----------|----------------|
| <b>&lt; 12 Months</b> | <b>8</b>  | <b>3.333%</b>  |
| Male                  | 3         | 37.50%         |
| Female                | 5         | 62.50%         |
| <b>1 Year</b>         | <b>39</b> | <b>16.250%</b> |
| Male                  | 13        | 33.33%         |
| Female                | 26        | 66.67%         |
| <b>2 Years</b>        | <b>40</b> | <b>16.667%</b> |
| Male                  | 19        | 47.50%         |
| Female                | 21        | 52.50%         |
| <b>3 Years</b>        | <b>16</b> | <b>6.667%</b>  |
| Male                  | 9         | 56.25%         |
| Female                | 7         | 43.75%         |
| <b>4 Years</b>        | <b>6</b>  | <b>2.500%</b>  |
| Male                  | 2         | 33.33%         |
| Female                | 4         | 66.67%         |
| <b>5 Years</b>        | <b>3</b>  | <b>1.250%</b>  |
| Female                | 3         | 100.00%        |
| <b>6-12 Years</b>     | <b>20</b> | <b>8.333%</b>  |
| Male                  | 10        | 50.00%         |
| Female                | 10        | 50.00%         |
| <b>13-19 Years</b>    | <b>19</b> | <b>7.917%</b>  |
| Male                  | 9         | 47.37%         |
| Female                | 10        | 52.63%         |
| <b>20-29 Years</b>    | <b>20</b> | <b>8.333%</b>  |
| Male                  | 9         | 45.00%         |
| Female                | 10        | 50.00%         |
| Pregnant              | 1         | 5.00%          |
| <b>30-39 Years</b>    | <b>22</b> | <b>9.167%</b>  |
| Male                  | 10        | 45.45%         |
| Female                | 12        | 54.55%         |
| <b>40-49 Years</b>    | <b>20</b> | <b>8.333%</b>  |
| Male                  | 9         | 45.00%         |
| Female                | 11        | 55.00%         |

|                            |            |                |
|----------------------------|------------|----------------|
| <b>50-59 Years</b>         | <b>13</b>  | <b>5.417%</b>  |
| <b>Male</b>                | <b>4</b>   | <b>30.77%</b>  |
| <b>Female</b>              | <b>9</b>   | <b>69.23%</b>  |
| <b>60-69 Years</b>         | <b>5</b>   | <b>2.083%</b>  |
| <b>Male</b>                | <b>1</b>   | <b>20.00%</b>  |
| <b>Female</b>              | <b>4</b>   | <b>80.00%</b>  |
| <b>70-79 Years</b>         | <b>2</b>   | <b>0.833%</b>  |
| <b>Female</b>              | <b>2</b>   | <b>100.00%</b> |
| <b>80-89 Years</b>         | <b>4</b>   | <b>1.667%</b>  |
| <b>Male</b>                | <b>1</b>   | <b>25.00%</b>  |
| <b>Female</b>              | <b>3</b>   | <b>75.00%</b>  |
| <b>90-99 or More Years</b> | <b>1</b>   | <b>0.417%</b>  |
| <b>Female</b>              | <b>1</b>   | <b>100.00%</b> |
| <b>Unknown Adult</b>       | <b>2</b>   | <b>0.833%</b>  |
| <b>Male</b>                | <b>2</b>   | <b>100.00%</b> |
| <b>Grand Total:</b>        | <b>240</b> |                |

# Percentage by Age Categories



## Patient Flow Children 5 Years and Under

|                                    |    |         | <u>Number</u>    | <u>Percentage</u>   |
|------------------------------------|----|---------|------------------|---------------------|
| <b>Managed on Site (non-HCF)</b>   |    |         | <b><u>95</u></b> | <b><u>84.82</u></b> |
| Female                             | 53 | 55.79%  |                  |                     |
| Male                               | 42 | 44.21%  |                  |                     |
| <b>In/enroute to HCF</b>           |    |         | <b><u>12</u></b> | <b><u>10.71</u></b> |
| Treated/evaluated and released     |    |         | 9                | 8.04                |
| Female                             | 9  | 100.00% |                  |                     |
| Admitted to noncritical care unit  |    |         | 1                | 0.89                |
| Female                             | 1  | 100.00% |                  |                     |
| Patient lost to follow-up/left AMA |    |         | 2                | 1.79                |
| Male                               | 2  | 100.00% |                  |                     |
| <b>Referred to HCF</b>             |    |         | <b><u>5</u></b>  | <b><u>4.46</u></b>  |
| Treated/evaluated and released     |    |         | 5                | 4.46                |
| Female                             | 3  | 60.00%  |                  |                     |
| Male                               | 2  | 40.00%  |                  |                     |
|                                    |    |         | <u>112</u>       | <u>100 %</u>        |

## Patient Flow Children 6 to 19 Years of Age

|                                    |    |         | <u>Number</u>    | <u>Percentage</u>   |
|------------------------------------|----|---------|------------------|---------------------|
| <b>Managed on Site (non-HCF)</b>   |    |         | <b><u>22</u></b> | <b><u>56.41</u></b> |
| Female                             | 13 | 59.09%  |                  |                     |
| Male                               | 9  | 40.91%  |                  |                     |
| <b>In/enroute to HCF</b>           |    |         | <b><u>14</u></b> | <b><u>35.90</u></b> |
| Treated/evaluated and released     |    |         | 9                | 23.08               |
| Female                             | 4  | 44.44%  |                  |                     |
| Male                               | 5  | 55.56%  |                  |                     |
| Admitted to critical care unit     |    |         | 2                | 5.13                |
| Male                               | 2  | 100.00% |                  |                     |
| Admitted to psychiatric facility   |    |         | 2                | 5.13                |
| Female                             | 2  | 100.00% |                  |                     |
| Patient lost to follow-up/left AMA |    |         | 1                | 2.56                |
| Male                               | 1  | 100.00% |                  |                     |
| <b>Referred to HCF</b>             |    |         | <b><u>2</u></b>  | <b><u>5.13</u></b>  |
| Treated/evaluated and released     |    |         | 1                | 2.56                |
| Male                               | 1  | 100.00% |                  |                     |
| Admitted to psychiatric facility   |    |         | 1                | 2.56                |
| Male                               | 1  | 100.00% |                  |                     |
| <b>Other *(code)</b>               |    |         | <b><u>1</u></b>  | <b><u>2.56</u></b>  |
| Female                             | 1  | 100.00% |                  |                     |
|                                    |    |         | <u>39</u>        | <u>100 %</u>        |

## Patient Flow Adults 20 Years and Older

|  |    |         | <u>Number</u>    | <u>Percentage</u>   |
|--|----|---------|------------------|---------------------|
| <b>Managed on Site (non-HCF)</b>         |    |         | <b><u>31</u></b> | <b><u>34.83</u></b> |
| Female                                   | 20 | 64.52%  |                  |                     |
| Male                                     | 10 | 32.26%  |                  |                     |
| Pregnant                                 | 1  | 3.23%   |                  |                     |
| <b>In/enroute to HCF</b>                 |    |         | <b><u>51</u></b> | <b><u>57.30</u></b> |
| <b>Treated/evaluated and released</b>    |    |         | <b><u>26</u></b> | <b><u>29.21</u></b> |
| Female                                   | 10 | 38.46%  |                  |                     |
| Male                                     | 16 | 61.54%  |                  |                     |
| <b>Admitted to critical care unit</b>    |    |         | <b><u>11</u></b> | <b><u>12.36</u></b> |
| Female                                   | 6  | 54.55%  |                  |                     |
| Male                                     | 5  | 45.45%  |                  |                     |
| <b>Admitted to noncritical care unit</b> |    |         | <b><u>3</u></b>  | <b><u>3.37</u></b>  |
| Female                                   | 2  | 66.67%  |                  |                     |
| Male                                     | 1  | 33.33%  |                  |                     |
| <b>Admitted to psychiatric facility</b>  |    |         | <b><u>11</u></b> | <b><u>12.36</u></b> |
| Female                                   | 9  | 81.82%  |                  |                     |
| Male                                     | 2  | 18.18%  |                  |                     |
| <b>Referred to HCF</b>                   |    |         | <b><u>6</u></b>  | <b><u>6.74</u></b>  |
| <b>Treated/evaluated and released</b>    |    |         | <b><u>3</u></b>  | <b><u>3.37</u></b>  |
| Female                                   | 1  | 33.33%  |                  |                     |
| Male                                     | 2  | 66.67%  |                  |                     |
| <b>Admitted to critical care unit</b>    |    |         | <b><u>2</u></b>  | <b><u>2.25</u></b>  |
| Female                                   | 2  | 100.00% |                  |                     |
| <b>Patient REFUSED referral/NO SHOW</b>  |    |         | <b><u>1</u></b>  | <b><u>1.12</u></b>  |
| Female                                   | 1  | 100.00% |                  |                     |
| <b>Other *(code)</b>                     |    |         | <b><u>1</u></b>  | <b><u>1.12</u></b>  |
| Female                                   | 1  | 100.00% |                  |                     |
|  |    |         | <b><u>89</u></b> | <b><u>100 %</u></b> |

## Reason for Exposure

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|                                 |               |            |
|---------------------------------|---------------|------------|
| <b>Unintentional</b>            | <b>76.67%</b> | <b>184</b> |
| Unintentional/General           | 54.17%        | 130        |
| Unintentional/Environmental     | 2.08%         | 5          |
| Unintentional/Occupational      | 2.50%         | 6          |
| Unintentional/Therapeutic Error | 12.50%        | 30         |
| Unintentional/Misuse            | 5.42%         | 13         |
| <b>Intentional</b>              | <b>20.83%</b> | <b>50</b>  |
| Intentional/Suspected Suicide   | 13.75%        | 33         |
| Intentional/Misuse              | 4.58%         | 11         |
| Intentional/Abuse               | 2.50%         | 6          |
| <b>Other</b>                    | <b>2.50%</b>  | <b>6</b>   |
| Adverse Reaction/Drug           | 1.67%         | 4          |
| Adverse Reaction/Other          | 0.83%         | 2          |
| <b>Grand Total:</b>             |               | <b>240</b> |

## Reason for Exposure by Age Category

|                                   |               |            |
|-----------------------------------|---------------|------------|
| <b>Children 5 years and under</b> | <b>46.67%</b> | <b>112</b> |
| <b>Unintentional</b>              | <b>46.25%</b> | <b>111</b> |
| Unintentional/General             | 44.17%        | 106        |
| Unintentional/Environmental       | 0.42%         | 1          |
| Unintentional/Therapeutic Error   | 1.67%         | 4          |
| <b>Other Reason</b>               | <b>0.42%</b>  | <b>1</b>   |
| Adverse Reaction/Other            | 0.42%         | 1          |
| <b>Children 6 to 19 years</b>     | <b>16.25%</b> | <b>39</b>  |
| <b>Unintentional</b>              | <b>10.42%</b> | <b>25</b>  |
| Unintentional/General             | 4.58%         | 11         |
| Unintentional/Environmental       | 0.42%         | 1          |
| Unintentional/Therapeutic Error   | 4.17%         | 10         |
| Unintentional/Misuse              | 1.25%         | 3          |
| <b>Intentional</b>                | <b>5.00%</b>  | <b>12</b>  |
| Intentional/Suspected Suicide     | 2.08%         | 5          |
| Intentional/Misuse                | 1.67%         | 4          |
| Intentional/Abuse                 | 1.25%         | 3          |
| <b>Other Reason</b>               | <b>0.83%</b>  | <b>2</b>   |
| Adverse Reaction/Drug             | 0.83%         | 2          |
| <b>Adults 20 years or older</b>   | <b>37.08%</b> | <b>89</b>  |
| <b>Unintentional</b>              | <b>20.00%</b> | <b>48</b>  |
| Unintentional/General             | 5.42%         | 13         |
| Unintentional/Environmental       | 1.25%         | 3          |
| Unintentional/Occupational        | 2.50%         | 6          |
| Unintentional/Therapeutic Error   | 6.67%         | 16         |
| Unintentional/Misuse              | 4.17%         | 10         |
| <b>Intentional</b>                | <b>15.83%</b> | <b>38</b>  |
| Intentional/Suspected Suicide     | 11.67%        | 28         |
| Intentional/Misuse                | 2.92%         | 7          |
| Intentional/Abuse                 | 1.25%         | 3          |
| <b>Other Reason</b>               | <b>1.25%</b>  | <b>3</b>   |
| Adverse Reaction/Drug             | 0.83%         | 2          |
| Adverse Reaction/Other            | 0.42%         | 1          |
| <b>Grand Total:</b>               |               | <b>240</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>148</b>           | <b>61.67%</b>     |                      |
| 1.35%                                     | No effect                                     | 2                    | 0.83%             | 1.35%                |
| 3.38%                                     | Minor effect                                  | 5                    | 2.08%             | 3.38%                |
| 29.73%                                    | Judged as nontoxic - expect no effect         | 44                   | 18.33%            | 29.73%               |
| 64.19%                                    | Minimal clinical effects possible             | 95                   | 39.58%            | 64.19%               |
| 1.35%                                     | Unrelated - probably not responsible          | 2                    | 0.83%             | 1.35%                |
| <b>Managed in HCF</b>                     |   | <b>89</b>            | <b>37.08%</b>     |                      |
| <b>Treated/evaluated and released</b>     |   | <b><u>22.08%</u></b> | <b><u>53</u></b>  | <b><u>59.55%</u></b> |
| 28.30%                                    | No effect                                     | 15                   | 6.25%             | 16.85%               |
| 35.85%                                    | Minor effect                                  | 19                   | 7.92%             | 21.35%               |
| 13.21%                                    | Moderate effect                               | 7                    | 2.92%             | 7.87%                |
| 1.89%                                     | Judged as nontoxic - expect no effect         | 1                    | 0.42%             | 1.12%                |
| 16.98%                                    | Minimal clinical effects possible             | 9                    | 3.75%             | 10.11%               |
| 3.77%                                     | Unrelated - probably not responsible          | 2                    | 0.83%             | 2.25%                |
| <b>Admitted to critical care unit</b>     |   | <b><u>6.25%</u></b>  | <b><u>15</u></b>  | <b><u>16.85%</u></b> |
| 33.33%                                    | Minor effect                                  | 5                    | 2.08%             | 5.62%                |
| 40.00%                                    | Moderate effect                               | 6                    | 2.50%             | 6.74%                |
| 20.00%                                    | Major effect                                  | 3                    | 1.25%             | 3.37%                |
| 6.67%                                     | Unable to follow - potentially toxic exposure | 1                    | 0.42%             | 1.12%                |
| <b>Admitted to noncritical care unit</b>  |   | <b><u>1.67%</u></b>  | <b><u>4</u></b>   | <b><u>4.49%</u></b>  |
| 25.00%                                    | No effect                                     | 1                    | 0.42%             | 1.12%                |
| 25.00%                                    | Minor effect                                  | 1                    | 0.42%             | 1.12%                |
| 25.00%                                    | Moderate effect                               | 1                    | 0.42%             | 1.12%                |
| 25.00%                                    | Unrelated - probably not responsible          | 1                    | 0.42%             | 1.12%                |
| <b>Admitted to psychiatric facility</b>   |   | <b><u>5.83%</u></b>  | <b><u>14</u></b>  | <b><u>15.73%</u></b> |
| 35.71%                                    | No effect                                     | 5                    | 2.08%             | 5.62%                |
| 64.29%                                    | Minor effect                                  | 9                    | 3.75%             | 10.11%               |
| <b>Patient lost to follow-up/left AMA</b> |   | <b><u>1.25%</u></b>  | <b><u>3</u></b>   | <b><u>3.37%</u></b>  |
| 33.33%                                    | No effect                                     | 1                    | 0.42%             | 1.12%                |
| 33.33%                                    | Minimal clinical effects possible             | 1                    | 0.42%             | 1.12%                |
| 33.33%                                    | Unable to follow - potentially toxic exposure | 1                    | 0.42%             | 1.12%                |
| <b>Other</b>                              |   | <b>2</b>             | <b>0.83%</b>      |                      |
| 50.00%                                    | Judged as nontoxic - expect no effect         | 1                    | 0.42%             | 50.00%               |
| 50.00%                                    | Minimal clinical effects possible             | 1                    | 0.42%             | 50.00%               |
| <b>Refused Referral</b>                   |   | <b>1</b>             | <b>0.42%</b>      |                      |
| 100.00%                                   | Unable to follow - potentially toxic exposure | 1                    | 0.42%             | 100.00%              |
|   |   | <b>240</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>53</u></b> | <b><u>58.9%</u></b> |                      |
| <b>In/enroute to HCF</b>                      | <b>44</b>        | <b>48.9%</b>        | <b>83.0%</b>         |
| No effect                                     | 11               | 12.2%               | 25.0%                |
| Minor effect                                  | 16               | 17.8%               | 36.4%                |
| Moderate effect                               | 6                | 6.7%                | 13.6%                |
| Judged as nontoxic - expect no effect         | 1                | 1.1%                | 2.3%                 |
| Minimal clinical effects possible             | 9                | 10.0%               | 20.5%                |
| Unrelated - probably not responsible          | 1                | 1.1%                | 2.3%                 |
| <b>Referred to HCF</b>                        | <b>9</b>         | <b>10.0%</b>        | <b>17.0%</b>         |
| No effect                                     | 4                | 4.4%                | 44.4%                |
| Minor effect                                  | 3                | 3.3%                | 33.3%                |
| Moderate effect                               | 1                | 1.1%                | 11.1%                |
| Unrelated - probably not responsible          | 1                | 1.1%                | 11.1%                |
| <b>Admitted to critical care unit</b>         | <b><u>15</u></b> | <b><u>16.7%</u></b> |                      |
| <b>In/enroute to HCF</b>                      | <b>13</b>        | <b>14.4%</b>        | <b>86.7%</b>         |
| Minor effect                                  | 3                | 3.3%                | 23.1%                |
| Moderate effect                               | 6                | 6.7%                | 46.2%                |
| Major effect                                  | 3                | 3.3%                | 23.1%                |
| Unable to follow - potentially toxic exposure | 1                | 1.1%                | 7.7%                 |
| <b>Referred to HCF</b>                        | <b>2</b>         | <b>2.2%</b>         | <b>13.3%</b>         |
| Minor effect                                  | 2                | 2.2%                | 100.0%               |
| <b>Admitted to noncritical care unit</b>      | <b><u>4</u></b>  | <b><u>4.4%</u></b>  |                      |
| <b>In/enroute to HCF</b>                      | <b>4</b>         | <b>4.4%</b>         | <b>100.0%</b>        |
| No effect                                     | 1                | 1.1%                | 25.0%                |
| Minor effect                                  | 1                | 1.1%                | 25.0%                |
| Moderate effect                               | 1                | 1.1%                | 25.0%                |
| Unrelated - probably not responsible          | 1                | 1.1%                | 25.0%                |
| <b>Admitted to psychiatric facility</b>       | <b><u>14</u></b> | <b><u>15.6%</u></b> |                      |
| <b>In/enroute to HCF</b>                      | <b>13</b>        | <b>14.4%</b>        | <b>92.9%</b>         |
| No effect                                     | 5                | 5.6%                | 38.5%                |
| Minor effect                                  | 8                | 8.9%                | 61.5%                |
| <b>Referred to HCF</b>                        | <b>1</b>         | <b>1.1%</b>         | <b>7.1%</b>          |
| Minor effect                                  | 1                | 1.1%                | 100.0%               |

|   |                        |                           |               |
|---|------------------------|---------------------------|---------------|
| <b>Patient lost to follow-up/left AMA</b>     | <b><u>3</u></b>        | <b><u>3.3%</u></b>        |               |
| <b>In/enroute to HCF</b>                      | <b>3</b>               | <b>3.3%</b>               | <b>100.0%</b> |
| No effect                                     | 1                      | 1.1%                      | 33.3%         |
| Minimal clinical effects possible             | 1                      | 1.1%                      | 33.3%         |
| Unable to follow - potentially toxic exposure | 1                      | 1.1%                      | 33.3%         |
| <b>Patient REFUSED referral/NO SHOW</b>       | <b><u>1</u></b>        | <b><u>1.1%</u></b>        |               |
| <b>Referred to HCF</b>                        | <b>1</b>               | <b>1.1%</b>               | <b>100.0%</b> |
| Unable to follow - potentially toxic exposure | 1                      | 1.1%                      | 100.0%        |
|   | <hr/> <b><u>90</u></b> | <hr/> <b><u>100 %</u></b> |               |

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*Visual Dotlab/WBM Software*

## Medical Outcomes

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|  | <u>Number</u> | <u>Percentag</u> |
|--|---------------|------------------|
| No Effect  | 24            | 10.00 %          |
| Minor Effect                                     | 39            | 16.25 %          |
| Moderate Effect                                  | 14            | 5.83 %           |
| Major Effect                                     | 3             | 1.25 %           |
| Not Followed, Judged as Nontoxic Exposure        | 46            | 19.17 %          |
| Not Followed - Minimal Clinical Effects Possible | 106           | 44.17 %          |
| Unable to Follow - Potentially Toxic Exposure    | 3             | 1.25 %           |
| Unrelated Effect                                 | 5             | 2.08 %           |
| Total:   | <u>240</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>112</u></b> | <b><u>46.67%</u></b> |                |
| No Effect  | 9                 | 3.750%               | 8.04%          |
| Minor Effect                                     | 7                 | 2.917%               | 6.25%          |
| Moderate Effect                                  | 2                 | 0.833%               | 1.79%          |
| Not Followed, Judged as Nontoxic Exposure        | 29                | 12.083%              | 25.89%         |
| Not Followed - Minimal Clinical Effects Possible | 65                | 27.083%              | 58.04%         |
| <b>Children 6 to 19 years</b>                    | <b><u>39</u></b>  | <b><u>16.25%</u></b> |                |
| No Effect  | 4                 | 1.667%               | 10.26%         |
| Minor Effect                                     | 6                 | 2.500%               | 15.38%         |
| Moderate Effect                                  | 2                 | 0.833%               | 5.13%          |
| Major Effect                                     | 2                 | 0.833%               | 5.13%          |
| Not Followed, Judged as Nontoxic Exposure        | 7                 | 2.917%               | 17.95%         |
| Not Followed - Minimal Clinical Effects Possible | 17                | 7.083%               | 43.59%         |
| Unable to Follow - Potentially Toxic Exposure    | 1                 | 0.417%               | 2.56%          |
| <b>Adult 20 years or more</b>                    | <b><u>89</u></b>  | <b><u>37.08%</u></b> |                |
| No Effect  | 11                | 4.583%               | 12.36%         |
| Minor Effect                                     | 26                | 10.833%              | 29.21%         |
| Moderate Effect                                  | 10                | 4.167%               | 11.24%         |
| Major Effect                                     | 1                 | 0.417%               | 1.12%          |
| Not Followed, Judged as Nontoxic Exposure        | 10                | 4.167%               | 11.24%         |
| Not Followed - Minimal Clinical Effects Possible | 24                | 10.000%              | 26.97%         |
| Unable to Follow - Potentially Toxic Exposure    | 2                 | 0.833%               | 2.25%          |
| Unrelated Effect                                 | 5                 | 2.083%               | 5.62%          |
| <b>Total:</b>                                    | <b><u>240</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

| TOPICAL PREPARATIONS              |   |   | 11 | 20.0% |
|-----------------------------------|---|---|----|-------|
| 10.91%                            | 6 | DIAPER CARE/RASH PRODUCT  |    |       |
| 1.82%                             | 1 | CAMPHOR   |    |       |
| 1.82%                             | 1 | METHYL SALICYLATE   |    |       |
| 1.82%                             | 1 | OTHER RUBEFACIENT OR LINIMENT (EXCLUDE CAMPHOR, METHYL SALICYLATE)  |    |       |
| 1.82%                             | 1 | OTHER TOPICAL ANTISEPTIC  |    |       |
| 1.82%                             | 1 | TOPICAL STEROID   |    |       |
| ANALGESICS                        |   |   | 8  | 14.5% |
| 3.64%                             | 2 | COX-2 INHIBITOR   |    |       |
| 1.82%                             | 1 | ACETAMINOPHEN WITH OXYCODONE  |    |       |
| 1.82%                             | 1 | ACETAMINOPHEN: PEDIATRIC FORMULATION                                |    |       |
| 1.82%                             | 1 | APAP/ASA: WITHOUT OTHER INGREDIENT                                  |    |       |
| 1.82%                             | 1 | ASPIRIN: UNKNOWN IF ADULT OR PEDIATRIC FORMULATION                  |    |       |
| 1.82%                             | 1 | IBUPROFEN   |    |       |
| 1.82%                             | 1 | PHENAZOPYRIDINE   |    |       |
| ANTIHISTAMINES                    |   |   | 6  | 10.9% |
| 5.45%                             | 3 | OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION)        |    |       |
| 3.64%                             | 2 | DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)                        |    |       |
| 1.82%                             | 1 | CIMETIDINE AND OTHER H2 ANTAGONIST                                  |    |       |
| COLD AND COUGH PREPARATIONS       |   |   | 6  | 10.9% |
| 3.64%                             | 2 | ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA                    |    |       |
| 3.64%                             | 2 | ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA                      |    |       |
| 3.64%                             | 2 | OTHER DEXTROMETHORPHAN PREPARATION                                  |    |       |
| SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS |   |   | 6  | 10.9% |
| 5.45%                             | 3 | OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG |    |       |
| 3.64%                             | 2 | ATYPICAL ANTIPSYCHOTIC  |    |       |
| 1.82%                             | 1 | BENZODIAZEPINE  |    |       |
| CARDIOVASCULAR DRUGS              |   |   | 4  | 7.3%  |
| 1.82%                             | 1 | ANTIHYPERTENSIVE  |    |       |
| 1.82%                             | 1 | BETA BLOCKER (INCLUDE PROPRANOLOL)                                  |    |       |
| 1.82%                             | 1 | CALCIUM ANTAGONIST  |    |       |
| 1.82%                             | 1 | LONG-ACTING NITRATE   |    |       |
| ANTIMICROBIALS                    |   |   | 3  | 5.5%  |
| 3.64%                             | 2 | ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION                       |    |       |
| 1.82%                             | 1 | ANTIFUNGAL: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION   |    |       |
| GASTROINTESTINAL PREPARATIONS     |   |   | 3  | 5.5%  |
| 3.64%                             | 2 | ANTACID: OTHER  |    |       |
| 1.82%                             | 1 | LAXATIVE  |    |       |

Drug Related Substances

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**ANTIDEPRESSANTS**

1.82%      1      OTHER ANTIDEPRESSANT  
1.82%      1      SSRI

2

3.6%

**VITAMINS**

1.82%      1      MULTI VITAMIN-TABLET: CHILD WITH IRON (NO FLUORIDE)  
1.82%      1      MULTI VITAMIN-UNSPEC: ADULT WITH IRON (NO FLUORIDE)

2

3.6%

**OTHERS**

1.82%      1      CALCIUM AND CALCIUM SALTS  
1.82%      1      OTHER HORMONE ANTAGONIST  
1.82%      1      OTHER MISCELLANEOUS PRESCRIPTION OR OTC DRUG  
1.82%      1      VETERINARY DRUG WITHOUT HUMAN EQUIVALENT

4

7.3%

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55

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**

| <b>COSMETICS/PERSONAL CARE PRODUCTS</b>  |   |  | <b>16</b> | <b>25.8%</b> |
|--|---|--|-----------|--------------|
| 6.45%                                    | 4 | NAIL POLISH  |           |              |
| 3.23%                                    | 2 | PERFUME/COLOGNE/AFTERSHAVE                                   |           |              |
| 3.23%                                    | 2 | SHAMPOO  |           |              |
| 1.61%                                    | 1 | ACRYLIC NAIL ADHESIVE  |           |              |
| 1.61%                                    | 1 | CREAM/LOTION/MAKE-UP   |           |              |
| 1.61%                                    | 1 | DEODORANT  |           |              |
| 1.61%                                    | 1 | EYE PRODUCT  |           |              |
| 1.61%                                    | 1 | NAIL POLISH REMOVER: ACETONE                                 |           |              |
| 1.61%                                    | 1 | PEROXIDE   |           |              |
| 1.61%                                    | 1 | SUNTAN/SUNSCREEN   |           |              |
| 1.61%                                    | 1 | OTHERS AGENTS  |           |              |
| <b>CLEANING SUBSTANCES (HOUSEHOLD)</b>   |   |  | <b>12</b> | <b>19.4%</b> |
| 6.45%                                    | 4 | BLEACH: HYPOCHLORITE (LIQUID & DRY)                          |           |              |
| 1.61%                                    | 1 | CLEANSER: 'ANIONIC/NONIONIC                                  |           |              |
| 1.61%                                    | 1 | DISINFECTANT: PHENOL (EG, LYSOL)                             |           |              |
| 1.61%                                    | 1 | HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC                 |           |              |
| 1.61%                                    | 1 | LAUNDRY DETERGENT: GRANULAR                                  |           |              |
| 1.61%                                    | 1 | LAUNDRY DETERGENT: LIQUID                                    |           |              |
| 1.61%                                    | 1 | LAUNDRY PRE-WASH: AEROSOL/SPRAY SOLVENT-BASED                |           |              |
| 1.61%                                    | 1 | MISC. CLEANING AGENT: ANIONIC/NONIONIC                       |           |              |
| 1.61%                                    | 1 | MISC. CLEANING AGENT: ETHANOL (EXCLUDING AUTOMOTIVE PRODUCT) |           |              |
| <b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b> |   |  | <b>9</b>  | <b>14.5%</b> |
| 4.84%                                    | 3 | TOY  |           |              |
| 3.23%                                    | 2 | FECES/URINE  |           |              |
| 1.61%                                    | 1 | BUBBLE BLOWING SOLUTION                                      |           |              |
| 1.61%                                    | 1 | DESICCANT  |           |              |
| 1.61%                                    | 1 | OTHER FOREIGN BODY   |           |              |
| 1.61%                                    | 1 | SOIL   |           |              |
| <b>PLANTS</b>                            |   |  | <b>5</b>  | <b>8.1%</b>  |
| 3.23%                                    | 2 | PLANT: OXALATE   |           |              |
| 1.61%                                    | 1 | PLANT: ANTICHOLINERGIC                                       |           |              |
| 1.61%                                    | 1 | PLANT: GASTROINTESTINAL IRRITANT (NON-OXALATE)               |           |              |
| 1.61%                                    | 1 | PLANT: UNKNOWN TOXIC OR UNKNOWN IF TOXIC                     |           |              |
| <b>PESTICIDES</b>                        |   |  | <b>4</b>  | <b>6.5%</b>  |
| 3.23%                                    | 2 | LONG-ACTING ANTICOAGULANT RODENTICIDE                        |           |              |
| 1.61%                                    | 1 | INSECT REPELLENT WITH DEET                                   |           |              |
| 1.61%                                    | 1 | INSECT REPELLENT WITHOUT DEET                                |           |              |
| <b>ALCOHOLS</b>                          |   |  | <b>3</b>  | <b>4.8%</b>  |
| 3.23%                                    | 2 | RUBBING ALCOHOL: ISOPROPANOL-WITHOUT METHYL SALICYLATE       |           |              |

Non-Drug Related Substances

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|                                    |           |   |          |             |
|------------------------------------|-----------|---|----------|-------------|
| 1.61%                              | 1         | ETHANOL (NON-BEVERAGE, NON-RUBBING)                   |          |             |
| <b>ARTS/CRAFTS/OFFICE SUPPLIES</b> |           |   | <b>3</b> | <b>4.8%</b> |
| 1.61%                              | 1         | CLAY  |          |             |
| 1.61%                              | 1         | OFFICE SUPPLIES-MISCELLANEOUS                         |          |             |
| 1.61%                              | 1         | PEN/INK   |          |             |
| <b>PAINTS AND STRIPPING AGENTS</b> |           |   | <b>3</b> | <b>4.8%</b> |
| 3.23%                              | 2         | PAINT: WATER BASE (ACRYLIC, LATEX)                    |          |             |
| 1.61%                              | 1         | STRIPPING AGENT: OTHER                                |          |             |
| <b>ADHESIVES/GLUES</b>             |           |   | <b>1</b> | <b>1.6%</b> |
| 1.61%                              | 1         | CYANOACRYLATE   |          |             |
| <b>DEODORIZERS</b>                 |           |   | <b>1</b> | <b>1.6%</b> |
| 1.61%                              | 1         | DEODORIZER: OTHER, NOT FOR PERSONAL USE               |          |             |
| <b>OTHERS</b>                      |           |   | <b>5</b> | <b>8.1%</b> |
| 1.61%                              | 1         | LIGHTER FLUID/NAPHTHA                                 |          |             |
| 1.61%                              | 1         | OTHER NON-DRUG SUBSTANCE                              |          |             |
| 1.61%                              | 1         | MISC. POLISHES AND WAXES (EXCLUDING MINERAL SEAL OIL) |          |             |
| 1.61%                              | 1         | SPORTING EQUIPMENT: OTHER                             |          |             |
| 1.61%                              | 1         | TOBACCO PRODUCT: FILTER TIP/BUTT)                     |          |             |
|                                    | <b>62</b> | <b>Grand Total</b>                                    |          |             |

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**Incidence by Generic Substance(s) in Children 6 to 19 Years  
Top 10 Generic Categories & Top 10 Generic Substance(s)  
Drug-Related**

**Drug Related Substances**

| <b>ANALGESICS</b>                              |           |  | <b>4</b> | <b>15.4%</b> |
|--|-----------|--|----------|--------------|
| 3.85%  | 1         | ACETAMINOPHEN WITH OTHER OPIOID                              |          |              |
| 3.85%  | 1         | IBUPROFEN  |          |              |
| 3.85%  | 1         | NAPROXEN   |          |              |
| 3.85%  | 1         | OTHER TYPE OF NON-STEROIDAL ANTI-INFLAMMATORY DRUG           |          |              |
| <b>ANTICONVULSANTS</b>                         |           |  | <b>3</b> | <b>11.5%</b> |
| 7.69%  | 2         | OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)                 |          |              |
| 3.85%  | 1         | VALPROIC ACID  |          |              |
| <b>COLD AND COUGH PREPARATIONS</b>             |           |  | <b>3</b> | <b>11.5%</b> |
| 7.69%  | 2         | ANTIHISTAMINE/DECON/WITHOUT OPIOID/WITHOUT PPA               |          |              |
| 3.85%  | 1         | ANTIHISTAMINE/DECON/DEXTROMETHORPHAN/WITHOUT PPA             |          |              |
| <b>ANTIDEPRESSANTS</b>                         |           |  | <b>2</b> | <b>7.7%</b>  |
| 3.85%  | 1         | LITHIUM  |          |              |
| 3.85%  | 1         | SSRI   |          |              |
| <b>ANTIHISTAMINES</b>                          |           |  | <b>2</b> | <b>7.7%</b>  |
| 3.85%  | 1         | DIPHENHYDRAMINE-ALONE (UNKNOWN IF OTC OR RX)                 |          |              |
| 3.85%  | 1         | OTHER ANTIHISTAMINE-ALONE (EXCLUDING COUGH/COLD PREPARATION) |          |              |
| <b>DIETARY SUPPLEMENTS/HERBALS/HOMEOPATHIC</b> |           |  | <b>2</b> | <b>7.7%</b>  |
| 3.85%  | 1         | MULTI-BOTANICAL WITH MA HUANG                                |          |              |
| 3.85%  | 1         | MULTI-BOTANICAL WITHOUT MA HUAN OR CITRUS AURANTIUM          |          |              |
| <b>STIMULANTS AND STREET DRUGS</b>             |           |  | <b>2</b> | <b>7.7%</b>  |
| 3.85%  | 1         | AMPHETAMINE AND RELATED COMPOUND                             |          |              |
| 3.85%  | 1         | METHYLPHENIDATE  |          |              |
| <b>ANTIMICROBIALS</b>                          |           |  | <b>1</b> | <b>3.8%</b>  |
| 3.85%  | 1         | ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION                |          |              |
| <b>ASTHMA THERAPIES</b>                        |           |  | <b>1</b> | <b>3.8%</b>  |
| 3.85%  | 1         | LEUKOTRIENE ANTAGONIST/INHIBITOR                             |          |              |
| <b>CARDIOVASCULAR DRUGS</b>                    |           |  | <b>1</b> | <b>3.8%</b>  |
| 3.85%  | 1         | CARDIAC GLYCOSIDE  |          |              |
| <b>OTHERS</b>                                  |           |  | <b>5</b> | <b>19.2%</b> |
| 3.85%  | 1         | ANTACID: SALICYLATE-CONTAINING                               |          |              |
| 3.85%  | 1         | CORTICOSTEROID   |          |              |
| 3.85%  | 1         | CARISOPRODOL (FORMULATED ALONE)                              |          |              |
| 3.85%  | 1         | PHENOTHIAZINE  |          |              |
| 3.85%  | 1         | UNKNOWN DRUG   |          |              |
|  | <b>26</b> | <b>Grand Total</b>   |          |              |

**Incidence by Generic Substance(s) in Children 6 to 19 Years  
Top 10 Generic Categories & Top 10 Generic Substance(s)  
Non-Drug Related**

**Non-Drug Related Substances**

|  |           |   |          |              |
|--|-----------|---|----------|--------------|
| <b>CLEANING SUBSTANCES (HOUSEHOLD)</b>   |           |   | <b>4</b> | <b>23.5%</b> |
| 5.88%                                    | 1         | BLEACH: HYPOCHLORITE (LIQUID & DRY)                             |          |              |
| 5.88%                                    | 1         | DISINFECTANT: OTHER/UNKNOWN                                     |          |              |
| 5.88%                                    | 1         | HAND DISHWASHING DETERGENT: ANIONIC/NONIONIC                    |          |              |
| 5.88%                                    | 1         | MISC. CLEANING AGENT: ANIONIC/NONIONIC                          |          |              |
| <b>FOREIGN BODIES/TOYS/MISCELLANEOUS</b> |           |   | <b>4</b> | <b>23.5%</b> |
| 11.76%                                   | 2         | DESICCANT   |          |              |
| 11.76%                                   | 2         | TOY   |          |              |
| <b>CHEMICALS</b>                         |           |   | <b>3</b> | <b>17.6%</b> |
| 5.88%                                    | 1         | BORATE/BORIC ACID (EXCLUDING TOPICALS AND INSECTICIDES)         |          |              |
| 5.88%                                    | 1         | NITRATE AND NITRITE (EXCLUDING MEDICATION & SUBSTANCE OF ABUSE) |          |              |
| 5.88%                                    | 1         | OTHER ACID  |          |              |
| <b>ALCOHOLS</b>                          |           |   | <b>1</b> | <b>5.9%</b>  |
| 5.88%                                    | 1         | ETHANOL (NON-BEVERAGE, NON-RUBBING)                             |          |              |
| <b>ARTS/CRAFTS/OFFICE SUPPLIES</b>       |           |   | <b>1</b> | <b>5.9%</b>  |
| 5.88%                                    | 1         | PEN/INK   |          |              |
| <b>COSMETICS/PERSONAL CARE PRODUCTS</b>  |           |   | <b>1</b> | <b>5.9%</b>  |
| 5.88%                                    | 1         | MOUTHWASH: ETHANOL-CONTAINING                                   |          |              |
| <b>ESSENTIAL OILS</b>                    |           |   | <b>1</b> | <b>5.9%</b>  |
| 5.88%                                    | 1         | TEA TREE OIL  |          |              |
| <b>HYDROCARBONS</b>                      |           |   | <b>1</b> | <b>5.9%</b>  |
| 5.88%                                    | 1         | FREON/OTHER PROPELLANT  |          |              |
| <b>OTHER/UNKNOWN NONDRUG SUBSTANCES</b>  |           |   | <b>1</b> | <b>5.9%</b>  |
| 5.88%                                    | 1         | UNKNOWN SUBSTANCE UNLIKELY TO BE A DRUG                         |          |              |
|  | <b>17</b> | <b>Grand Total</b>  |          |              |

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

**Drug Related Substances**

|  |    |   |           |              |
|--|----|---|-----------|--------------|
| <b>SEDATIVE/HYPNOTICS/ANTIPSYCHOTICS</b> |    |   | <b>24</b> | <b>28.9%</b> |
| 13.25%                                   | 11 | BENZODIAZEPINE  |           |              |
| 10.84%                                   | 9  | ATYPICAL ANTIPSYCHOTIC  |           |              |
| 3.61%                                    | 3  | OTHER TYPE OF SEDATIVE/HYPNOTIC/ANTI-ANXIETY OR ANTI-PSYCHOTIC DRUG |           |              |
| 1.20%                                    | 1  | BARBITURATE: LONG ACTING  |           |              |
| <b>ANALGESICS</b>                        |    |   | <b>13</b> | <b>15.7%</b> |
| 3.61%                                    | 3  | ACETAMINOPHEN: ADULT FORMULATION                                    |           |              |
| 1.20%                                    | 1  | ACETAMINOPHEN WITH CODEINE  |           |              |
| 1.20%                                    | 1  | ACETAMINOPHEN WITH HYDROCODONE                                      |           |              |
| 1.20%                                    | 1  | ACETAMINOPHEN WITH OTHER DRUG-ADULT FORMULATION                     |           |              |
| 1.20%                                    | 1  | ACETAMINOPHEN WITH OTHER OPIOID                                     |           |              |
| 1.20%                                    | 1  | ACETAMINOPHEN WITH PROPOXYPHENE                                     |           |              |
| 1.20%                                    | 1  | IBUPROFEN   |           |              |
| 1.20%                                    | 1  | MORPHINE  |           |              |
| 1.20%                                    | 1  | NAPROXEN  |           |              |
| 1.20%                                    | 1  | OTHER/UNKNOWN OPIOID  |           |              |
| 1.20%                                    | 1  | OTHERS AGENTS   |           |              |
| <b>ANTIDEPRESSANTS</b>                   |    |   | <b>13</b> | <b>15.7%</b> |
| 7.23%                                    | 6  | SSRI  |           |              |
| 3.61%                                    | 3  | LITHIUM   |           |              |
| 2.41%                                    | 2  | TRAZODONE   |           |              |
| 1.20%                                    | 1  | AMITRIPTYLINE   |           |              |
| 1.20%                                    | 1  | OTHER ANTIDEPRESSANT  |           |              |
| <b>ANTICONVULSANTS</b>                   |    |   | <b>4</b>  | <b>4.8%</b>  |
| 4.82%                                    | 4  | OTHER ANTICONVULSANT (EXCLUDING BARBITURATE)                        |           |              |
| <b>MUSCLE RELAXANTS</b>                  |    |   | <b>4</b>  | <b>4.8%</b>  |
| 2.41%                                    | 2  | CYCLOBENZAPRINE   |           |              |
| 2.41%                                    | 2  | OTHER (SKELETAL) MUSCLE RELAXANT                                    |           |              |
| <b>STIMULANTS AND STREET DRUGS</b>       |    |   | <b>4</b>  | <b>4.8%</b>  |
| 2.41%                                    | 2  | COCAINE   |           |              |
| 1.20%                                    | 1  | AMPHETAMINE AND RELATED COMPOUND                                    |           |              |
| 1.20%                                    | 1  | HEROIN  |           |              |
| <b>ANTIMICROBIALS</b>                    |    |   | <b>3</b>  | <b>3.6%</b>  |
| 2.41%                                    | 2  | ANTIBIOTIC: SYSTEMIC (PO, IV, IM) PREPARATION                       |           |              |
| 1.20%                                    | 1  | ANTIBIOTIC: TOPICAL (DERMAL, OTIC, OPHTHALMIC, NASAL) PREPARATION   |           |              |
| <b>CARDIOVASCULAR DRUGS</b>              |    |   | <b>3</b>  | <b>3.6%</b>  |
| 1.20%                                    | 1  | ANGIOTENSIN RECEPTOR BLOCKER  |           |              |
| 1.20%                                    | 1  | BETA BLOCKER (INCLUDE PROPRANOLOL)                                  |           |              |
| 1.20%                                    | 1  | CALCIUM ANTAGONIST  |           |              |

Drug Related Substances

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| EYE/EAR/NOSE/THROAT PREPARATIONS |           |   | 3 | 3.6%  |
|----------------------------------|-----------|---|---|-------|
| 1.20%                            | 1         | OPHTHALMIC PREP: OTHER                              |   |       |
| 1.20%                            | 1         | OPHTHALMIC PREP: OTHER SYMPATHOMIMETIC              |   |       |
| 1.20%                            | 1         | OTIC PREP: COMBINATION                              |   |       |
| TOPICAL PREPARATIONS             |           |   | 3 | 3.6%  |
| 2.41%                            | 2         | HYDROGEN PEROXIDE-3%                                |   |       |
| 1.20%                            | 1         | DIAPER CARE/RASH PRODUCT                            |   |       |
| OTHERS                           |           |   | 9 | 10.8% |
| 1.20%                            | 1         | AMINOPHYLLINE/THEOPHYLLINE                          |   |       |
| 1.20%                            | 1         | MULTI-BOTANICAL WITH CITRUS AURANTIUM               |   |       |
| 1.20%                            | 1         | MULTI-BOTANICAL WITHOUT MA HUAN OR CITRUS AURANTIUM |   |       |
| 1.20%                            | 1         | POTASSIUM AND POTASSIUM SALTS                       |   |       |
| 1.20%                            | 1         | PROTON PUMP INHIBITOR                               |   |       |
| 1.20%                            | 1         | CORTICOSTEROID                                      |   |       |
| 1.20%                            | 1         | INSULIN   |   |       |
| 1.20%                            | 1         | DISULFIRAM  |   |       |
| 1.20%                            | 1         | UNKNOWN DRUG  |   |       |
|                                  | <b>83</b> | <b>Grand Total</b>                                  |   |       |

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

**Non-Drug Related Substances**

| Category                                 |   |  | Count    | Percentage   |
|--|---|--|----------|--------------|
| <b>CLEANING SUBSTANCES (HOUSEHOLD)</b>   |   |  | <b>8</b> | <b>20.0%</b> |
| 5.00%                                    | 2 | BLEACH: HYPOCHLORITE (LIQUID & DRY)                        |          |              |
| 5.00%                                    | 2 | OVEN CLEANER: ALKALI                                       |          |              |
| 2.50%                                    | 1 | LAUNDRY DETERGENT: LIQUID                                  |          |              |
| 2.50%                                    | 1 | TOILET BOWL CLEANER: ACID                                  |          |              |
| 2.50%                                    | 1 | WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: ANIONIC/NONIONIC      |          |              |
| 2.50%                                    | 1 | WALL/FLOOR/TILE/ALL-PURPOSE CLEANER: GLYCOLS               |          |              |
| <b>COSMETICS/PERSONAL CARE PRODUCTS</b>  |   |  | <b>6</b> | <b>15.0%</b> |
| 5.00%                                    | 2 | MOUTHWASH: ETHANOL-CONTAINING                              |          |              |
| 2.50%                                    | 1 | CREAM/LOTION/MAKE-UP                                       |          |              |
| 2.50%                                    | 1 | NAIL PRODUCT: OTHER  |          |              |
| 2.50%                                    | 1 | PERMANENT WAVE SOLUTION                                    |          |              |
| 2.50%                                    | 1 | SOAP (BAR, HAND OR COMPLEXION)                             |          |              |
| <b>ALCOHOLS</b>                          |   |  | <b>5</b> | <b>12.5%</b> |
| 7.50%                                    | 3 | ETHANOL (NON-BEVERAGE, NON-RUBBING)                        |          |              |
| 5.00%                                    | 2 | ETHANOL (BEVERAGE)   |          |              |
| <b>PESTICIDES</b>                        |   |  | <b>3</b> | <b>7.5%</b>  |
| 5.00%                                    | 2 | LONG-ACTING ANTICOAGULANT RODENTICIDE                      |          |              |
| 2.50%                                    | 1 | PYRETHRIN  |          |              |
| <b>AUTOMOTIVE/AIRCRAFT/BOAT PRODUCTS</b> |   |  | <b>2</b> | <b>5.0%</b>  |
| 5.00%                                    | 2 | AUTOMOTIVE PRODUCT: ETHYLENE GLYCOL                        |          |              |
| <b>CHEMICALS</b>                         |   |  | <b>2</b> | <b>5.0%</b>  |
| 2.50%                                    | 1 | ALKALI (EXCLUDING CLEANER, BLEACH, BATTERY, AND DETERGENT) |          |              |
| 2.50%                                    | 1 | AMMONIA (EXCLUDING CLEANER)                                |          |              |
| <b>FUMES/GASES/VAPORS</b>                |   |  | <b>2</b> | <b>5.0%</b>  |
| 2.50%                                    | 1 | CARBON MONOXIDE  |          |              |
| 2.50%                                    | 1 | CHLORAMINE GAS   |          |              |
| <b>INDUSTRIAL CLEANERS</b>               |   |  | <b>2</b> | <b>5.0%</b>  |
| 2.50%                                    | 1 | INDUSTRIAL CLEANER: ANIONIC/NONIONIC                       |          |              |
| 2.50%                                    | 1 | INDUSTRIAL CLEANER: CATIONIC                               |          |              |
| <b>PAINTS AND STRIPPING AGENTS</b>       |   |  | <b>2</b> | <b>5.0%</b>  |
| 2.50%                                    | 1 | PAINT: 'OIL-BASE   |          |              |
| 2.50%                                    | 1 | PAINT: WATER BASE (ACRYLIC, LATEX)                         |          |              |
| <b>ADHESIVES/GLUES</b>                   |   |  | <b>1</b> | <b>2.5%</b>  |
| 2.50%                                    | 1 | NON-TOXIC (WHITE GLUE, PAPER GLUES)                        |          |              |
| <b>OTHERS</b>                            |   |  | <b>7</b> | <b>17.5%</b> |
| 2.50%                                    | 1 | JELLYFISH AND OTHER COELENTERATE ENVENOMATION              |          |              |
| 2.50%                                    | 1 | OTHER TYPE OF INSULATION                                   |          |              |

Non-Drug Related Substances

|       |           |                                 |
|-------|-----------|---------------------------------|
| 2.50% | 1         | OUTDOOR FERTILIZER              |
| 2.50% | 1         | LEAD                            |
| 2.50% | 1         | OTHER HALOGENATED HYDROCARBON   |
| 2.50% | 1         | OTHER NON-DRUG SUBSTANCE        |
| 2.50% | 1         | PLANT: DERMATITIS (NON-OXALATE) |
|       | <u>40</u> | Grand Total                     |

Routes of Exposure - Human Exposures

|                           | Number     | Percentage  |
|---------------------------|------------|-------------|
| Dermal exposure           | 26         | 10.00       |
| Ingestion                 | 205        | 78.85       |
| Inhalational              | 7          | 2.69        |
| Ocular exposure           | 19         | 7.31        |
| Parenteral exposure       | 1          | 0.38        |
| Unknown route of exposure | 2          | 0.77        |
| <b>GRAND TOTAL:</b>       | <u>260</u> | <u>100%</u> |

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

## Treatments Performed

|                                       |     |       |   |            |                |
|---------------------------------------|-----|-------|---|------------|----------------|
| <b>DECONTAMINATION</b>                |     |       |   | <b>215</b> | <b>81.13 %</b> |
| <b>Cathartic</b>                      |     |       |   | <b>15</b>  | <b>5.66%</b>   |
| PERFORMED - PCC RECOMMENDED           | 14  | 5.28  | % |            |                |
| PERFORMED - NOT RECOMMENDED (+NEED)   | 1   | 0.38  | % |            |                |
| <b>Dilute/Irrigate/Wash</b>           |     |       |   | <b>152</b> | <b>57.36%</b>  |
| PERFORMED - PCC RECOMMENDED           | 133 | 50.19 | % |            |                |
| PERFORMED - NOT RECOMMENDED (+NEED)   | 19  | 7.17  | % |            |                |
| <b>Food/Snack</b>                     |     |       |   | <b>9</b>   | <b>3.40%</b>   |
| PERFORMED - PCC RECOMMENDED           | 8   | 3.02  | % |            |                |
| PERFORMED - NOT RECOMMENDED (+NEED)   | 1   | 0.38  | % |            |                |
| <b>Fresh air</b>                      |     |       |   | <b>3</b>   | <b>1.13%</b>   |
| PERFORMED - PCC RECOMMENDED           | 1   | 0.38  | % |            |                |
| PERFORMED - NOT RECOMMENDED (+NEED)   | 2   | 0.75  | % |            |                |
| <b>Lavage</b>                         |     |       |   | <b>5</b>   | <b>1.89%</b>   |
| PERFORMED - PCC RECOMMENDED           | 2   | 0.75  | % |            |                |
| PERFORMED - NOT RECOMMENDED (+NEED)   | 2   | 0.75  | % |            |                |
| PERFORMED - NOT RECOMMENDED (? NEED)  | 1   | 0.38  | % |            |                |
| <b>Single Dose Activated Charcoal</b> |     |       |   | <b>30</b>  | <b>11.32%</b>  |
| PERFORMED - PCC RECOMMENDED           | 26  | 9.81  | % |            |                |
| PERFORMED - NOT RECOMMENDED (+NEED)   | 3   | 1.13  | % |            |                |
| PERFORMED - NOT RECOMMENDED (? NEED)  | 1   | 0.38  | % |            |                |
| <b>Whole bowel irrigation</b>         |     |       |   | <b>1</b>   | <b>0.38%</b>   |
| PERFORMED - PCC RECOMMENDED           | 1   | 0.38  | % |            |                |
| <b>ANTIDOTAL</b>                      |     |       |   | <b>9</b>   | <b>3.40 %</b>  |
| <b>Atropine</b>                       |     |       |   | <b>1</b>   | <b>0.38%</b>   |
| PERFORMED - NOT RECOMMENDED (+NEED)   | 1   | 0.38  | % |            |                |
| <b>Fomepizole/Antizol</b>             |     |       |   | <b>1</b>   | <b>0.38%</b>   |
| PERFORMED - PCC RECOMMENDED           | 1   | 0.38  | % |            |                |
| <b>PO NAC</b>                         |     |       |   | <b>4</b>   | <b>1.51%</b>   |
| PERFORMED - PCC RECOMMENDED           | 4   | 1.51  | % |            |                |
| <b>Narcan</b>                         |     |       |   | <b>2</b>   | <b>0.75%</b>   |
| PERFORMED - PCC RECOMMENDED           | 1   | 0.38  | % |            |                |
| PERFORMED - NOT RECOMMENDED (+NEED)   | 1   | 0.38  | % |            |                |
| <b>Pyridoxine</b>                     |     |       |   | <b>1</b>   | <b>0.38%</b>   |
| PERFORMED - PCC RECOMMENDED           | 1   | 0.38  | % |            |                |
| <b>INTENSIVE CARE</b>                 |     |       |   | <b>4</b>   | <b>1.51 %</b>  |
| <b>Dialysis</b>                       |     |       |   | <b>2</b>   | <b>0.75%</b>   |
| PERFORMED - PCC RECOMMENDED           | 2   | 0.75  | % |            |                |
| <b>Intubation</b>                     |     |       |   | <b>1</b>   | <b>0.38%</b>   |
| PERFORMED - PCC RECOMMENDED           | 1   | 0.38  | % |            |                |
| <b>Ventilator</b>                     |     |       |   | <b>1</b>   | <b>0.38%</b>   |
| PERFORMED - PCC RECOMMENDED           | 1   | 0.38  | % |            |                |
| <b>GENERAL TREATMENT</b>              |     |       |   | <b>37</b>  | <b>13.96 %</b> |
| <b>Alkalinization</b>                 |     |       |   | <b>3</b>   | <b>1.13%</b>   |

|                                     |   |      |   |           |              |
|-------------------------------------|---|------|---|-----------|--------------|
| PERFORMED - PCC RECOMMENDED         | 2 | 0.75 | % |           |              |
| PERFORMED - NOT RECOMMENDED (+NEED) | 1 | 0.38 | % |           |              |
| <b>Anticonvulsant</b>               |   |      |   | <b>1</b>  | <b>0.38%</b> |
| PERFORMED - NOT RECOMMENDED (+NEED) | 1 | 0.38 | % |           |              |
| <b>Antihistamine</b>                |   |      |   | <b>1</b>  | <b>0.38%</b> |
| PERFORMED - PCC RECOMMENDED         | 1 | 0.38 | % |           |              |
| <b>Benzodiazepines</b>              |   |      |   | <b>5</b>  | <b>1.89%</b> |
| PERFORMED - PCC RECOMMENDED         | 3 | 1.13 | % |           |              |
| PERFORMED - NOT RECOMMENDED (+NEED) | 2 | 0.75 | % |           |              |
| <b>Bronchodilators</b>              |   |      |   | <b>1</b>  | <b>0.38%</b> |
| PERFORMED - NOT RECOMMENDED (+NEED) | 1 | 0.38 | % |           |              |
| <b>IV Fluids</b>                    |   |      |   | <b>11</b> | <b>4.15%</b> |
| PERFORMED - PCC RECOMMENDED         | 6 | 2.26 | % |           |              |
| PERFORMED - NOT RECOMMENDED (+NEED) | 5 | 1.89 | % |           |              |
| <b>Glucose &gt; 5%</b>              |   |      |   | <b>1</b>  | <b>0.38%</b> |
| PERFORMED - PCC RECOMMENDED         | 1 | 0.38 | % |           |              |
| <b>Neuromuscular Blocker</b>        |   |      |   | <b>1</b>  | <b>0.38%</b> |
| PERFORMED - PCC RECOMMENDED         | 1 | 0.38 | % |           |              |
| <b>Other Other Therapy</b>          |   |      |   | <b>7</b>  | <b>2.64%</b> |
| PERFORMED - PCC RECOMMENDED         | 5 | 1.89 | % |           |              |
| PERFORMED - NOT RECOMMENDED (+NEED) | 2 | 0.75 | % |           |              |
| <b>Oxygen</b>                       |   |      |   | <b>5</b>  | <b>1.89%</b> |
| PERFORMED - PCC RECOMMENDED         | 2 | 0.75 | % |           |              |
| PERFORMED - NOT RECOMMENDED (+NEED) | 3 | 1.13 | % |           |              |
| <b>Vasopressors</b>                 |   |      |   | <b>1</b>  | <b>0.38%</b> |
| PERFORMED - NOT RECOMMENDED (+NEED) | 1 | 0.38 | % |           |              |

**Grand Total:** 265

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