Why is the Colorado Poison Center important?

- An estimated $20.0 million in healthcare costs were saved in Colorado by utilizing the Colorado Poison Center to treat poisoning cases at the site of exposure rather than in an emergency department or doctor’s office.
- Poisoning is the second leading cause of unintentional death due to injury in the United States.
- For every dollar spent on poison center services, $11 is saved in medical expenses.
- The Colorado Poison Center staff provides emergency poison treatment information that may prevent an unnecessary hospital visit.

- The Colorado Poison Center managed 62,673 cases through its 24-hour hotline.
- 51% of exposed cases involved children under age 5.
- 72% of poison exposure calls that came from the public were treated on site where the poisoning occurred saving the time and costs of an emergency department visit.
- 28% of exposures were referred into a doctor or other healthcare facility for treatment.
Summary of Results—Colorado 2012

Exposure Cases by Age Group

<table>
<thead>
<tr>
<th>Age Group</th>
<th>0-5 Years</th>
<th>6-12 Years</th>
<th>13-19 Years</th>
<th>20+ Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>2,438</td>
<td>6,730</td>
<td>6,289</td>
<td>1,533</td>
</tr>
<tr>
<td>1 year old</td>
<td>6,289</td>
<td>2,917</td>
<td>1,475</td>
<td>31</td>
</tr>
<tr>
<td>2 years old</td>
<td>6,289</td>
<td>2,917</td>
<td>1,475</td>
<td>31</td>
</tr>
<tr>
<td>3 years old</td>
<td>1,533</td>
<td>31</td>
<td>428</td>
<td></td>
</tr>
<tr>
<td>4 years old</td>
<td>823</td>
<td>31</td>
<td>428</td>
<td></td>
</tr>
<tr>
<td>5 years old</td>
<td>823</td>
<td>31</td>
<td>428</td>
<td></td>
</tr>
<tr>
<td>Unknown under 5</td>
<td>31</td>
<td>31</td>
<td>428</td>
<td></td>
</tr>
<tr>
<td><strong>0-5 Years Total Cases</strong></td>
<td><strong>20,761</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**All Age Groups**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Total Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5 years</td>
<td>20,761</td>
</tr>
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</tr>
<tr>
<td>20+ years</td>
<td>1,533</td>
</tr>
<tr>
<td><strong>Total Cases</strong></td>
<td><strong>40,702</strong></td>
</tr>
</tbody>
</table>

**Top Ten Most Common Poison Categories for Human Exposures**

1. Analgesics 6,026
2. Cosmetics/Personal Care Prod. 3,128
3. Household Cleaning Substances 3,029
4. Sedatives/ Hypnotics 1,950
5. Antidepressants 1,768
6. Foreign Bodies, Toys 1,726
7. Antihistamines 1,475
8. Topical Preparations 1,468
9. Cardiovascular Drugs 1,411
10. Alcohols 1,191

**Top Ten Most Common Poison Categories for Children 0-5 Years**

1. Analgesics 2,653
2. Cosmetics/Personal Care Prod. 2,450
3. Household Cleaning Substances 1,812
4. Foreign Bodies (toys, misc.) 1,285
5. Topical Preparations 1,198
6. Vitamins 796
7. Antihistamines 757
8. Plants 628
9. Gastrointestinal Preparations 599
10. Pesticides 537

Cases by Type—Colorado 2012

62,673 Cases Managed by RMPDC Professionals

**Drug ID IVR included**

Cases Management Site for 40,702 Human Exposures

72% of cases were managed at home

28% of cases were referred to emergent care

**Non-Health Care Facility**

**Health Care Facility**