Poisoning is the leading cause of injury-related death in the U.S. In 2014, there were 56 poison centers serving 323 million people, nationwide. Poison centers managed 2.9 million cases, about 2.2 million of which were about people coming into contact with dangerous or potentially dangerous substances. These types of cases are called exposures.*

Who calls the poison center? Anyone can experience a poison emergency. Poison centers take calls from and manage cases about people of all ages, and can provide help in 150 languages. In 2014, just under half of exposure cases managed by poison centers involved children younger than six, but as in previous years, many of the more serious cases occurred among adolescents and adults.

When someone calls the poison center, who answers the phone? Poison center cases are managed by medical experts – doctors, nurses, and pharmacists who have extensive training in poison prevention and treatment.

About what kinds of things do people call the poison center? In 2014, 57% of human exposures involved medications, or pharmaceuticals. Other exposures were to household products, plants, mushrooms, pesticides, animal bites and stings, carbon monoxide, and many other types of nonpharmaceutical substances.
**WHERE?**

Where do the most poison exposures occur? In 2014, 91% of human exposures occurred at a residence, but they can also occur in the workplace, schools, outdoors, and anywhere else! About 68% of the 2.2 million exposures reported to poison centers were treated at the exposure site, saving millions of dollars in medical expenses. In fact, poison centers save Americans more than $1.8 billion every year in medical costs and lost productivity!

**WHY?**

Why do people call the poison center? People call the poison center when they think someone may have been exposed to something that could hurt them. People also call the poison center for information about medications, pesticides, chemicals, bites and stings, carbon monoxide, and many other topics. In 2014, almost 80% of exposures involved people who swallowed a substance. However, people were also exposed through the lungs, skin, eyes, and in other ways. Most poison exposures were unintentional (79%). Poison centers also received calls about medication side effects, substance abuse, malicious poisonings, and suicide attempts.

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**WHEN?**

When do people call the poison center? Experts answer calls to the poison center 24 hours a day, 7 days a week, every day of the year. Similar to previous years, in 2014 higher call volumes were observed in the warmer months.

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**Poison Center Case Types**

*Human exposures* - 75%
*Animal exposures* - 23%
*Information & confirmed non-exposures* - 2%

*As reported in the abstract of the 2014 AAPCC NPDS Annual Report. N=2,890,009 closed encounters.*

**Route of Exposure**

- **Ingestion** - 79%
- **Dermal** - 7%
- **Inhalation/Respiratory** - 4%
- **Ocular** - 2%
- **Bite/Sting** - 2%

*From Table 9 of the 2014 AAPCC NPDS Annual Report - Route of Exposure for Human Exposure Cases. N=2,277,006.*

**Reason for Exposure**

- **Unintentional** - 79%
- **Intentional** - 17%
- **Adverse Reaction** - 2%
- **Unknown/Other** - 2%

*From Table 6A of the 2014 AAPCC NPDS Annual Report - Reason for Human Exposure Cases. N=2,165,142.*

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**Top 10 Exposure Substances by Age Category**

<table>
<thead>
<tr>
<th>All Human Exposures</th>
<th>Pediatric (&lt;5 years) Exposures</th>
<th>Adult (≥20 years) Exposures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analgesics</td>
<td>13%</td>
<td>15%</td>
</tr>
<tr>
<td>Cosmetics/Personal Care Products</td>
<td>9%</td>
<td>11%</td>
</tr>
<tr>
<td>Household Cleaning Substances</td>
<td>9%</td>
<td>10%</td>
</tr>
<tr>
<td>Sedative/Hypnotics/Antipsychotics</td>
<td>7%</td>
<td>7%</td>
</tr>
<tr>
<td>Topical Preparations</td>
<td>5%</td>
<td>4%</td>
</tr>
<tr>
<td>Antihistamines</td>
<td>5%</td>
<td>3%</td>
</tr>
<tr>
<td>Cardiovascular Drugs</td>
<td>5%</td>
<td>4%</td>
</tr>
<tr>
<td>Bites and Envenomations</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Plants</td>
<td>4%</td>
<td>3%</td>
</tr>
</tbody>
</table>

*Data from the 2014 AAPCC NPDS Annual Report.*

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**To locate your local poison center call 1(800) 222-1222 or visit aapcc.org.**

The American Association of Poison Control Centers (AAPCC) maintains the National Poison Data System (NPDS). Developed in 1983, NPDS contains more than 60 million poison exposures managed over the telephone by U.S. poison centers. NPDS is the only comprehensive, near real-time poisoning surveillance database in the U.S.

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* DISCLAIMER: The term “exposure” means someone has had contact with the substance in some way; for example, ingested, inhaled, absorbed by the skin or eyes, etc. Not all exposures are poisonings or overdoses. The American Association of Poison Control Centers (AAPCC; http://www.aapcc.org) maintains the national database of information logged by the country’s regional Poison Centers (PCs) serving all 50 United States, Puerto Rico, the District of Columbia, and territories. Case records in this database are from self-reported calls; they reflect only information provided when the public or healthcare professionals report an actual or potential exposure to a substance (e.g., an ingestion, inhalation, or topical exposure, etc.) or request information/educational materials. Exposures do not necessarily represent a poisoning or overdose. The AAPCC is not able to completely verify the accuracy of every report made to member centers. Additional exposures may go unreported to PCs and data referenced from the AAPCC should not be construed to represent the complete incidence of national exposures to any substance(s).*