Injuries In and Around the Home

Arizona Insurance Council’s Safety Forum
Alana Shacter, MPH
July 15th, 2010

- 54,500 Deaths
- 17.9 Deaths per 100,000 population
- 13,100,000 Disabling Injuries
- $182.3 Billion in costs

What caused the deaths?

### ALL HOME

- Poisoning: [Bar Graph]
- Falls: [Bar Graph]
- Fire, Flames, Smoke: [Bar Graph]
- Choking: [Bar Graph]
- Mechanical Suffocation: [Bar Graph]
- Drowning: [Bar Graph]
- Firearms: [Bar Graph]
- All Other Home: [Bar Graph]

© NATIONAL SAFETY COUNCIL® INJURY FACTS® 2010 EDITION

Leadership for a Healthy Arizona

Arizona Department of Health Services
Rate of Unintentional Poisoning Deaths, Arizona, 2005-2009

<table>
<thead>
<tr>
<th>Year</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>10.2</td>
<td>6.0</td>
<td>10.2</td>
</tr>
<tr>
<td>2006</td>
<td>11.2</td>
<td>8.0</td>
<td>11.2</td>
</tr>
<tr>
<td>2007</td>
<td>11.7</td>
<td>10.0</td>
<td>11.7</td>
</tr>
<tr>
<td>2008</td>
<td>12.1</td>
<td>12.0</td>
<td>12.1</td>
</tr>
<tr>
<td>2009</td>
<td>13.7</td>
<td>14.0</td>
<td>13.7</td>
</tr>
</tbody>
</table>
Rate of Unintentional Poisoning Hospitalizations by Sex and Age Group, Arizona, 2009 (n=2,663)
Rate of Unintentional Fall-Related Hospitalizations by Sex and Age Group, Arizona, 2009 (n=17,178)

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Males (n=6,638)</th>
<th>Females (n=10,537)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;1 Yr</td>
<td>218.9</td>
<td>150.4</td>
</tr>
<tr>
<td>1-4 Yrs</td>
<td>110.0</td>
<td>78.3</td>
</tr>
<tr>
<td>5-9 Yrs</td>
<td>90.6</td>
<td>57.7</td>
</tr>
<tr>
<td>10-14 Yrs</td>
<td>69.8</td>
<td>33.8</td>
</tr>
<tr>
<td>15-19 Yrs</td>
<td>78.5</td>
<td>24.0</td>
</tr>
<tr>
<td>20-24 Yrs</td>
<td>71.1</td>
<td>28.7</td>
</tr>
<tr>
<td>25-44 Yrs</td>
<td>85.0</td>
<td>85.0</td>
</tr>
<tr>
<td>45-64 Yrs</td>
<td>224.4</td>
<td>184.5</td>
</tr>
<tr>
<td>65-74 Yrs</td>
<td>470.6</td>
<td>224.4</td>
</tr>
<tr>
<td>75-84 Yrs</td>
<td>719.8</td>
<td>943.5</td>
</tr>
<tr>
<td>85+ Yrs</td>
<td>1,768.2</td>
<td>2,676.0</td>
</tr>
</tbody>
</table>

Note: The bar chart shows the rate of hospitalizations per year for each sex and age group.
Hospital Charges for Fall-Related Hospitalizations, Arizona, 2005-2009

- Median stay = 4 days
- All hospitalizations = 318,562 days
  - 74,657 days in 2009
- Median charges = $29,262
- All hospital charges = $2.6 Billion
  - $746.9 Million in 2009
Percentage of Unintentional Fire/Burn ED Visits by Age Group & Injury Type, Arizona, 2009 (n=6,745)

- **Fire/Flames (n=1,077)**
  - 0-4 Yrs: 9% (n=101)
  - 5-14 Yrs: 9% (n=102)
  - 15-24 Yrs: 11% (n=610)
  - 25-44 Yrs: 21% (n=231)
  - 45-64 Yrs: 20% (n=217)
  - 65+ Yrs: 6% (n=63)

- **Hot Object/Scald (n=5,668)**
  - 0-4 Yrs: 25% (n=1,391)
  - 5-14 Yrs: 16% (n=610)
  - 15-24 Yrs: 16% (n=888)
  - 25-44 Yrs: 34% (n=363)
  - 45-64 Yrs: 16% (n=909)
  - 65+ Yrs: 4% (n=239)
Evidence-Based Prevention

- Smoke Alarm Purchase & Laws
- Poison Control Centers
  - Nationally: 1-800-222-1222
- Fall Prevention Programs among high & low-risk older adults
- Child Bicycle Helmets
Contact Information

Arizona Department of Health Services
Bureau of Women’s and Children’s Health
Injury Prevention and Child Fatality Review Section

Alana Shacter, Injury Epidemiologist
602.364.1444
Alana.Shacter@azdhs.gov