**WHAT ARE THEY?**

**ACEs**

The three types of ACEs include:

- **ABUSE**
  - Physical Abuse
  - Sexual Abuse
  - Emotional Abuse

- **NEGLECT**
  - Physical Neglect
  - Emotional Neglect

- **HOUSEHOLD DYSFUNCTION**
  - Household Substance Abuse
  - Household Mental Illness
  - Mother Treated Violently
  - Incarcerated Household Member

**WHAT IMPACT DO ACEs HAVE?**

The number of ACEs increases, so does the risk for negative health outcomes.

- **PHYSICAL & MENTAL HEALTH**
  - Depression
  - STDs
  - Lack of physical activity
  - Substance Abuse

- **BEHAVIOR**
  - Broken bones
  - Missed work
  - Stroke
  - COPD
  - Heart disease
  - Diabetes
  - Suicide attempts

- **SEXUAL**
  - Mother treated violently
  - Divorce

- **INCREASED RISK FOR**
  - Cancer

**HOW PREVALENT ARE ACEs?**

The initial Kaiser ACE study and Philadelphia Urban ACE survey participants revealed the following estimates:

<table>
<thead>
<tr>
<th>Kaiser ACE study participants</th>
<th>Philadelphia ACE survey participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>36%</td>
<td>16%</td>
</tr>
<tr>
<td>9.5%</td>
<td>13.3%</td>
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<td>12.4%</td>
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<td>11.8%</td>
</tr>
<tr>
<td>33.2%</td>
<td>17.4%</td>
</tr>
</tbody>
</table>

**Kaiser ACE study**

**Philadelphia**

*Data weighted to match proportion of adult age, poverty status, gender, race, and Hispanic ethnicity distributions within PHL based on recent census data. Some of the questions in Philadelphia were asked differently than Kaiser; therefore some of these rates differ.

**WHAT IMPACT DO ACEs HAVE?**

As the number of ACEs increases, so does the risk for negative health outcomes.