ACES

Alternative Models for Juvenile Offenders: Best Practices for Youth Mentorship and Prevention Tactics
Empathy—Approach, Draw Near

Amazing Job Of Surviving

Not What We Want

We Need To Understand
ACES

- Adverse Childhood Survey
- Behavior Makes Sense
Outcomes
Brain Health

Toxicity leads to brain health issues
Brain Always Developing

Early Childhood
Teen Years
● Brain is not a computer
● Cat

Epigenetics
Implications: Juvenile Justice

- First Study Of ACES and Juvenile Justice in Country, Spring 2014
- Over 64,000 youth surveyed
Florida Juvenile Justice ACE Results

2.8% Zero ACES compared to 34% in original survey

50% reported 4 or more Aces compared to 12.4% in original survey

- 2x likely to be smokers
- 12X to attempt suicide
- 7x alcoholic
- 10X to use street drugs injectables
- 240% likely hepatitis
- More divorces, work absences, depression
Original ACES Compared To FL Youth
ACES

![Graph comparing ACES in Florida Juvenile Offenders and Kaiser-Permanente Insured populations.](image-url)
Comparison Of ACES By Gender
Implications

● “What happened” is key
● Prevention is best, but reality is injury
  o 80% of Camden City youth live below poverty line
  o 1-35 people were assaulted last year
● How to create a healing community that is responsive
  o Youth often involved in valiant survival efforts
  o We set programs that work for lower ACE scores
### Clark County, WA Probation Youth

**Table 9.5 - Variation in ACEs by Household Income**

<table>
<thead>
<tr>
<th></th>
<th>&lt;$15k</th>
<th>$15k-$35k</th>
<th>$35-50k</th>
<th>&gt;$50k</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychological Abuse</td>
<td>43.0%</td>
<td>42.6%</td>
<td>46.8%</td>
<td>40.5%</td>
</tr>
<tr>
<td>Physical Abuse</td>
<td>32.8%*</td>
<td>23.6%</td>
<td>25.0%</td>
<td>19.0%</td>
</tr>
<tr>
<td>Sexual Abuse</td>
<td>19.8%</td>
<td>12.2%</td>
<td>16.2%</td>
<td>15.3%</td>
</tr>
<tr>
<td>Neglect</td>
<td>30.3%**</td>
<td>20.3%</td>
<td>17.6%</td>
<td>11.7%</td>
</tr>
<tr>
<td>Separated/Divorced Parents</td>
<td>90.1%**</td>
<td>84.2%</td>
<td>69.4%</td>
<td>59.3%</td>
</tr>
<tr>
<td>Household Substance Abuse</td>
<td>46.1%</td>
<td>50.0%</td>
<td>32.9%</td>
<td>37.4%</td>
</tr>
<tr>
<td>Household Mental Illness</td>
<td>34.4%**</td>
<td>22.6%</td>
<td>17.6%</td>
<td>17.2%</td>
</tr>
<tr>
<td>Household Member Incarcerated</td>
<td>80.8%**</td>
<td>69.3%</td>
<td>57.9%</td>
<td>52.8%</td>
</tr>
<tr>
<td>Domestic Violence</td>
<td>15.2%</td>
<td>14.2%</td>
<td>13.4%</td>
<td>8.6%*</td>
</tr>
</tbody>
</table>

**Total ACE Score**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;$15k</td>
<td>4.19**</td>
</tr>
<tr>
<td>$15k-$35k</td>
<td>3.63</td>
</tr>
<tr>
<td>$35-50k</td>
<td>3.09</td>
</tr>
<tr>
<td>&gt;$50k</td>
<td>2.74</td>
</tr>
</tbody>
</table>
Figure 9.4 - Variation in Total ACE Scores by Household Income
# Clark County, WA Race/Ethnicity

## Table 9.4 - Variation in ACES by Race/Ethnicity

<table>
<thead>
<tr>
<th></th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychological Abuse</td>
<td>37.4%</td>
<td>38.9%</td>
<td>36.8%</td>
</tr>
<tr>
<td>Physical Abuse</td>
<td>22.9%</td>
<td>26.7%</td>
<td>21.4%</td>
</tr>
<tr>
<td>Sexual Abuse</td>
<td>14.7%</td>
<td>13.0%</td>
<td>11.1%</td>
</tr>
<tr>
<td>Neglect</td>
<td>19.9%</td>
<td>19.1%</td>
<td>17.1%</td>
</tr>
<tr>
<td>Separated/Divorced Parents</td>
<td>77.6%</td>
<td>92.0%**</td>
<td>76.8%</td>
</tr>
<tr>
<td>Household Substance Abuse</td>
<td>39.3%</td>
<td>38.9%</td>
<td>33.3%</td>
</tr>
<tr>
<td>Household Mental Illness</td>
<td>22.4%</td>
<td>19.1%</td>
<td>11.1%**</td>
</tr>
<tr>
<td>Household Member Incarcerated</td>
<td>65.3%</td>
<td>71.8%</td>
<td>61.5%</td>
</tr>
<tr>
<td>Domestic Violence</td>
<td>12.4%</td>
<td>13.7%</td>
<td>14.5%</td>
</tr>
</tbody>
</table>

| Total Ace Score | 3.56 | 3.79 | 3.12* |
Hopeworks

Vision moved from:
● Creating Safe Pathways So Youth Can Have DREAMS
● Creating Safe Pathways So We Can Learn Our History And Have Options For A Future
ACES allows us to understand INJURY (what has happened to brain) so that we can get to HEALING (resilience).
“Re-Entry?”
Rehabilitative System---from what?
To return to what?

Move from surviving to thriving
Surviving is helpful
Deep empathy
Outcomes

**Probability of Outcomes**

Given 100 American Adults

<table>
<thead>
<tr>
<th>No ACEs</th>
<th>1-3 ACEs</th>
<th>4-8 ACEs</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>51</td>
<td>16</td>
</tr>
</tbody>
</table>

**Behavior**
- Lack of physical activity
- Smoking
- Alcoholism
- Drug use
- Missed work

**Physical & Mental Health**
- Severe obesity
- Diabetes
- Depression
- Suicide attempts
- STDs

- Heart disease
- Cancer
- Stroke
- COPD
- Broken bones

With 0 ACEs:
- 1 in 16 smokes
- 1 in 69 are alcoholic
- 1 in 480 uses IV drugs
- 1 in 14 has heart disease
- 1 in 96 attempts suicide

With 3 ACEs:
- 1 in 9 smokes
- 1 in 9 are alcoholic
- 1 in 43 uses IV drugs
- 1 in 7 has heart disease
- 1 in 10 attempts suicide

With 7+ ACEs:
- 1 in 6 smokes
- 1 in 6 are alcoholic
- 1 in 30 use IV drugs
- 1 in 6 has heart disease
- 1 in 5 attempts suicide
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