Overview of UAA Justice Center
Violence Against Women Research

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February 2009

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Overview of UAA Justice Center
Violence Against Women Research

• **Data Overview:**
  – Uniform Crime Reports, State & Local Data

• **Key Results from UAA JC Research:**
  – SANE, AST, APD, DOL Studies

• **Key Implications from UAA JC Research**
Grant Funding

- Council on Domestic Violence and Sexual Assault:

- U.S. Department of Justice:

- University of Alaska Anchorage:
  - UAA Faculty Development Grant

Points of view in this presentation are those of the author and do not necessarily represent the official position or policies of the Council on Domestic Violence and Sexual Assault, the U.S. Department of Justice, or the University of Alaska Anchorage.
Data Overview

• National Data on Forcible Rape:
  – Uniform Crime Reports

• State and Local Data:
  – Alaska Sexual Assault Nurse Examiner (SANE) Study
  – Alaska State Trooper (AST) Study
  – Anchorage Police Department (APD) Studies
  – Department of Law (DOL) Studies
<table>
<thead>
<tr>
<th>Location</th>
<th>2003-2007 Average</th>
<th>Factor Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>31.5</td>
<td></td>
</tr>
<tr>
<td>Alaska</td>
<td>82.4</td>
<td>x 2.62</td>
</tr>
<tr>
<td>Anchorage</td>
<td>89.4</td>
<td>x 2.84</td>
</tr>
<tr>
<td>Fairbanks</td>
<td>162.0</td>
<td>x 5.14</td>
</tr>
</tbody>
</table>

Source: UCR, 2003-2007

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Crime Clock: Forcible Rape

- A forcible rape is reported to law enforcement every:
  - 5.8 minutes in the US ($N=90,427$),
  - 16.6 hours in Alaska ($N=529$),
  - 8.5 days in Fairbanks ($N=43$), and
  - 1.4 days in Anchorage ($N=257$).

Source: UCR, 2007

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Composition of Violent Crime Rate

**US**
- 61% Robbery
- 32% Assault
- 6% Rape
- 1% Murder

**Alaska**
- 74% Robbery
- 13% Assault
- 12% Rape
- 1% Murder

Source: UCR, 2007

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## Rate Rankings

<table>
<thead>
<tr>
<th>Year</th>
<th>State</th>
<th>Rate</th>
<th>%</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>AK</td>
<td>164.6</td>
<td>-36%</td>
<td>-184</td>
</tr>
<tr>
<td>2003</td>
<td>AK</td>
<td>190.6</td>
<td>-44%</td>
<td>-266</td>
</tr>
<tr>
<td>2004</td>
<td>AK</td>
<td>175.4</td>
<td>-38%</td>
<td>-212</td>
</tr>
<tr>
<td>2005</td>
<td>AK</td>
<td>167.6</td>
<td>-36%</td>
<td>-194</td>
</tr>
<tr>
<td>2006</td>
<td>AK</td>
<td>157.3</td>
<td>-30%</td>
<td>-153</td>
</tr>
<tr>
<td>2007</td>
<td>AK</td>
<td>161.0</td>
<td>-32%</td>
<td>-194</td>
</tr>
<tr>
<td></td>
<td>Average</td>
<td>169.4</td>
<td>-36%</td>
<td>-201</td>
</tr>
</tbody>
</table>


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Standard UCR Cautions

• **UCR Statistics exclude:**
  – Rapes not reported to law enforcement,
  – Statutory rapes,
  – Incapacitated rapes,
  – Rapes with male victims, and
  – Other sex offenses.

• **Rankings are invalid assessments (ignore variables that affect crime).**
State / Local Data

- Alaska SANE Study
- Alaska State Trooper Studies
- Anchorage Police Department Studies
- Alaska Department of Law Studies

http://justice.uaa.alaska.edu/vaw
Alaska SANE Study

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Alaska SANE Study

• Collected 1,699 SANE records:
  – 1,383 from Anchorage (1996-2004)
  – 105 from Bethel (2005-2006)
  – 144 from Fairbanks (2005-2006)
  – 9 from Homer (2005)
  – 4 from Kodiak (2005)
  – 21 from Kotzebue (2005)
  – 19 from Nome (2005)
  – 14 from Soldotna (2005)
Alaska State Trooper Studies

- Sexual Assault Study
  - 989 reports (2003-2004)
- Stalking Study
  - 210 reports (1994-2005)
- Domestic Violence Study
  - 1,281 reports (2004)

Note: these studies do NOT include offenses reported to local or municipal departments

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Percent of Sexual Assault Cases by Detachment: 2003-2004

- C: 48%
- D: 8%
- B: 2%
- E: 6%
- A: 4%
- ABI: 30%
- ABWE: 2%

Source: AST Studies
Percent of Stalking Cases by Detachment: 1994-2005

- D: 28%
- ABI: 2%
- C: 16%
- B: 27%
- E: 18%
- A: 9%

Source: AST Studies
AST Domestic Violence Cases

Percent of Domestic Violence Cases by Detachment:

2004

A: 4%
B: 22%
C: 32%
D: 29%
E: 13%
ABI: 1%

Source: AST Studies

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## AST Cases by Detachment

<table>
<thead>
<tr>
<th>Detachment</th>
<th>Sexual Assault</th>
<th>Stalking</th>
<th>Domestic Violence</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4%</td>
<td>9%</td>
<td>4%</td>
</tr>
<tr>
<td>B</td>
<td>2%</td>
<td>27%</td>
<td>22%</td>
</tr>
<tr>
<td>C</td>
<td>48%</td>
<td>16%</td>
<td>32%</td>
</tr>
<tr>
<td>D</td>
<td>8%</td>
<td>28%</td>
<td>29%</td>
</tr>
<tr>
<td>E</td>
<td>6%</td>
<td>18%</td>
<td>13%</td>
</tr>
<tr>
<td>ABI</td>
<td>30%</td>
<td>2%</td>
<td>1%</td>
</tr>
</tbody>
</table>

Source: AST Studies

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Anchorage PD Studies

• Sexual Assault Study I
  – 2000 & 2001 reports
• Sexual Assault Study II
  – 2002 & 2003 reports
• Sexual Assault Study III
  – 2004 & 2005 reports

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Anchorage PD Studies

Number of Initial Contacts Per Square Mile

Number of Assaults Per Square Mile

# / Sq. Mile
- 0 - 12
- 12 - 24
- 24 - 36
- 36 - 48
- 48 - 60
- 60 - 72
- 72 - 84
- 84 - 96
- 96 - 108


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Case is Reported to Law Enforcement → Case is Referred for Prosecution → Case is Accepted for Prosecution → Case Results in a Conviction
Key Results

• **Victim and Suspect Characteristics:**
  – Gender
  – Race
  – Age
  – Alcohol Use
  – Relationship

• **Legal Resolutions:**
  – Referral
  – Acceptance
  – Conviction
Gender of Victims

• **APD SA Studies:**
  – Every year, at least 94% of victims are female.

• **Alaska SANE Study:**
  – In every site, at least 97% of patients are female.

• **AST Studies:**
  – 89% of sexual assault victims are female.
  – 89% of stalking victims are female.
  – 70% of domestic violence victims are female.

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Gender of Suspects

• APD SA Studies:
  – Every year, at least 99% of suspects are male.

• Alaska SANE Study:
  – In every site, at least 98% of suspects are male.

• AST Studies:
  – 97% of sexual assault suspects are male.
  – 91% of stalking suspects are male.
  – 76% of domestic violence suspects are male.
Race of AST Victims and Suspects

Sexual Assault

Victims: 38% White, 60% Native, 0% Other

Suspects: 37% White, 61% Native, 0% Other

Stalking

Victims: 13% White, 86% Native, 0% Other

Suspects: 21% White, 78% Native, 0% Other

Domestic Violence

Victims: 51% White, 48% Native, 0% Other

Suspects: 50% White, 47% Native, 0% Other

Source: AST Studies
Race of SANE Victims and Suspects

**Victims**
- Anchorage:
  - White: 38%
  - Native: 52%
  - Other: 10%
- Fairbanks:
  - White: 49%
  - Native: 51%
  - Other: 6%
- Rural:
  - White: 11%
  - Native: 88%
  - Other: 1%

**Suspects**
- Anchorage:
  - White: 37%
  - Native: 26%
  - Other: 37%
- Fairbanks:
  - White: 40%
  - Native: 55%
  - Other: 5%
- Rural:
  - White: 10%
  - Native: 89%
  - Other: 1%

Source: AK SANE Study

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Race of Sexual Assault Victims

Four-Year Rates of Sexual Assaults Reported to APD by Victim Race

<table>
<thead>
<tr>
<th>Race / Ethnicity</th>
<th>Rate per 1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>2.8</td>
</tr>
<tr>
<td>Native</td>
<td>20.1</td>
</tr>
<tr>
<td>Black</td>
<td>4.0</td>
</tr>
<tr>
<td>Hispanic</td>
<td>1.1</td>
</tr>
<tr>
<td>Asian</td>
<td>1.2</td>
</tr>
<tr>
<td>Pacific Islander</td>
<td>0.3</td>
</tr>
</tbody>
</table>

Race of Sexual Assault Suspects

Four-Year Rates of Sexual Assaults Reported to APD by Suspect Race

<table>
<thead>
<tr>
<th>Race / Ethnicity</th>
<th>Rate per 1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>2.4</td>
</tr>
<tr>
<td>Native</td>
<td>9.9</td>
</tr>
<tr>
<td>Black</td>
<td>17.2</td>
</tr>
<tr>
<td>Hispanic</td>
<td>6.2</td>
</tr>
<tr>
<td>Asian</td>
<td>2.4</td>
</tr>
<tr>
<td>Pacific Islander</td>
<td>1.2</td>
</tr>
</tbody>
</table>

Percent of Intra-Racial Sexual Assaults

<table>
<thead>
<tr>
<th></th>
<th>All Suspects</th>
<th>White Suspects</th>
<th>Native Suspects</th>
<th>Other Suspects</th>
</tr>
</thead>
<tbody>
<tr>
<td>APD SA Study</td>
<td>52%</td>
<td>66%</td>
<td>79%</td>
<td>15%</td>
</tr>
<tr>
<td>SANE Study</td>
<td>53%</td>
<td>53%</td>
<td>88%</td>
<td>15%</td>
</tr>
<tr>
<td>AST SA Study</td>
<td>87%</td>
<td>86%</td>
<td>94%</td>
<td>7%</td>
</tr>
<tr>
<td>AST DV Study</td>
<td>86%</td>
<td>87%</td>
<td>89%</td>
<td>21%</td>
</tr>
<tr>
<td>AST Stalking</td>
<td>87%</td>
<td>96%</td>
<td>50%</td>
<td>100%</td>
</tr>
</tbody>
</table>

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Age of Sexual Assault Victims

Number of Sexual Assaults Reported to AST by Victim Age

Source: AST SA Study

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Age of Sexual Assault Suspects

Number of Sexual Assaults Reported to AST by Suspect Age

<table>
<thead>
<tr>
<th>Age</th>
<th>Number of Reports</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 12</td>
<td>35</td>
</tr>
<tr>
<td>13 to 15</td>
<td>87</td>
</tr>
<tr>
<td>16 to 20</td>
<td>210</td>
</tr>
<tr>
<td>21 to 30</td>
<td>236</td>
</tr>
<tr>
<td>31 to 40</td>
<td>184</td>
</tr>
<tr>
<td>41 to 50</td>
<td>127</td>
</tr>
<tr>
<td>51 or older</td>
<td>69</td>
</tr>
</tbody>
</table>

Source: AST SA Study

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Five Most Common Age Combinations in AST Sexual Assault Cases (48%):

1. Victims 0-12 years old, suspects 31+ years old
2. Victims 13-15 years old, suspects 16-20 years old
3. Victims 13-15 years old, suspects 21-30 years old
4. Victims 13-15 years old, suspects 31+ years old
5. Victims 31+ years old, suspects 31+ years old

Source: AST SA Study
Four-Year Rates of Sexual Assaults Reported to APD for Suspects and Victims

2007 AK Youth Risk Behavior Survey

• Among students in AK public high schools:
  – 45% have had sexual intercourse
  – 31% had sexual intercourse in past three months
    • Among those, 22% drank alcohol or used drugs before last sexual intercourse
  – 9% have been physically forced to have sexual intercourse when they did not want to

Source: http://www.hss.state.ak.us/dph/chronic/school/YRBS.htm

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Alcohol Use by Victims

• **APD Studies:**
  – Every year, over 60% of victims use alcohol.

• **AK SANE Studies:**
  – Over 65% of patients used alcohol, except in Homer and Soldotna.

• **AST Study:**
  – 27% of sexual assault victims used alcohol.
  – 2% of stalking victims used alcohol.
  – 32% of domestic violence victims used alcohol.
Alcohol Use by Suspects

- APD Studies:
  - Every year, over 70% of suspects use alcohol.

- AK SANE Studies:
  - In every site, over 75% of suspects used alcohol.

- AST Study:
  - 43% of sexual assault suspects used alcohol.
  - 20% of stalking suspects used alcohol.
  - 57% of domestic violence suspects used alcohol.
Alcohol Use by Age of Victim

Percent of Sexual Assaults Reported to AST with Victim Alcohol Use, by Victim Age

Source: AST SA Study

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Alcohol Use by Age of Suspect

Percent of Sexual Assaults Reported to AST with Suspect Alcohol Use, by Suspect Age

<table>
<thead>
<tr>
<th>Age of Suspect</th>
<th>0%</th>
<th>2%</th>
<th>20%</th>
<th>34%</th>
<th>26%</th>
<th>13%</th>
<th>5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 to 15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16 to 20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21 to 30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31 to 40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>41 to 50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51 or older</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: AST SA Study

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Alcohol Use by SANE Location

SANE Location (N) | Percent of Patients who were Alcohol Intoxicated
---|---
Soldotna (14) | 36%
Homer (8) | 38%
Kodiak (4) | 50%
Anchorage (1,279) | 66%
Nome (19) | 68%
Fairbanks (119) | 71%
Bethel (105) | 71%
Kotzebue (21) | 100%

Source: AK SANE Study

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Incapacitation by SANE Location

Source: AK SANE Study

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## Victim / Suspect Relationships

<table>
<thead>
<tr>
<th>Study</th>
<th>Stranger %</th>
<th>Non-Stranger %</th>
</tr>
</thead>
<tbody>
<tr>
<td>APD Sexual Assault Study</td>
<td>38%</td>
<td>62%</td>
</tr>
<tr>
<td>SANE Study</td>
<td>16%</td>
<td>84%</td>
</tr>
<tr>
<td>AST Sexual Assault Study</td>
<td>2%</td>
<td>98%</td>
</tr>
<tr>
<td>AST Stalking Study</td>
<td>8%</td>
<td>92%</td>
</tr>
</tbody>
</table>

- In all studies above, most common relationship is friend or acquaintance.
Sexual Assault Case is **Reported** to Law Enforcement

18 to 46% are Referred

60 to 69% are Accepted

78 to 87% Result in a **Conviction**

Source: AK SANE Study, APD Studies, AST SA Study

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### Department of Law Studies

<table>
<thead>
<tr>
<th>Study Name</th>
<th>% Referred</th>
<th>% Accepted</th>
<th>% Convicted</th>
</tr>
</thead>
<tbody>
<tr>
<td>APD Study (00-03)</td>
<td>18%</td>
<td>12%</td>
<td>11%</td>
</tr>
<tr>
<td>SANE Study (99-05)</td>
<td>29%</td>
<td>20%</td>
<td>16%</td>
</tr>
<tr>
<td>AST SA Study (03-04)</td>
<td>46%</td>
<td>28%</td>
<td>22%</td>
</tr>
<tr>
<td>AST DV Study (04)</td>
<td>80%</td>
<td>68%</td>
<td>54%</td>
</tr>
<tr>
<td>AST Stalking (99-04)</td>
<td>75%</td>
<td>55%</td>
<td>40%</td>
</tr>
</tbody>
</table>

Note: Cases are not equivalent across studies. Differences across studies should not be interpreted as differences in success.
<table>
<thead>
<tr>
<th></th>
<th>All Sexual Violence</th>
<th>Rape / Sexual Assault</th>
<th>Sexual Abuse of a Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Native</td>
<td>Non-Native</td>
<td>Native</td>
</tr>
<tr>
<td>Founded</td>
<td>82%</td>
<td>82%</td>
<td>87%</td>
</tr>
<tr>
<td>Referred</td>
<td>68%</td>
<td>57%</td>
<td>70%</td>
</tr>
<tr>
<td>Accepted</td>
<td>64%</td>
<td>54%</td>
<td>69%</td>
</tr>
<tr>
<td>Convicted</td>
<td>81%</td>
<td>79%</td>
<td>76%</td>
</tr>
</tbody>
</table>

Source: AST SA Study; significant differences in red
<table>
<thead>
<tr>
<th></th>
<th>All Sexual Violence</th>
<th>Rape / Sexual Assault</th>
<th>Sexual Abuse of a Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bush</td>
<td>Non-Bush</td>
<td>Bush</td>
</tr>
<tr>
<td>Founded</td>
<td>76%</td>
<td>76%</td>
<td>82%</td>
</tr>
<tr>
<td>Referred</td>
<td>66%</td>
<td>56%</td>
<td>70%</td>
</tr>
<tr>
<td>Accepted</td>
<td>69%</td>
<td>50%</td>
<td>74%</td>
</tr>
<tr>
<td>Convicted</td>
<td>81%</td>
<td>78%</td>
<td>76%</td>
</tr>
</tbody>
</table>

Source: AST SA Study; significant differences in red

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## Legal Resolutions by Isolation

<table>
<thead>
<tr>
<th></th>
<th>All Sexual Violence</th>
<th>Rape / Sexual Assault</th>
<th>Sexual Abuse of a Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Isolated</td>
<td>Not Isolated</td>
<td>Isolated</td>
</tr>
<tr>
<td>Founded</td>
<td>76%</td>
<td>76%</td>
<td>82%</td>
</tr>
<tr>
<td>Referred</td>
<td>67%</td>
<td>55%</td>
<td>71%</td>
</tr>
<tr>
<td>Accepted</td>
<td>68%</td>
<td>51%</td>
<td>71%</td>
</tr>
<tr>
<td>Convicted</td>
<td>80%</td>
<td>81%</td>
<td>75%</td>
</tr>
<tr>
<td></td>
<td>71%</td>
<td>77%</td>
<td>86%</td>
</tr>
</tbody>
</table>

Source: AST SA Study; significant differences in red

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Justice Center, University of Alaska Anchorage
Effective Strategies

- Enhancing local paraprofessional police presence (VPSO, VPO, TPO)
- Strengthening local alcohol prohibitions
- Enhancing investigation capacity
- Promoting access to sexual assault nurse examiners