Suicide Trends in Los Angeles County 2005-2009

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Overview

• Data limitations
• Data sources
• Suicide Deaths
• Suicide Attempts
  – Hospitalizations
  – Emergency Department
  – Ideation
Numbers recorded
Suicide Deaths in LAC
2005 - 2009

2005: 695
2006: 663
2007: 667
2008: 802
2009: 770
LAC Suicide Deaths
Method Used 2004-2008

- Cut/Pierce: 3%
- Falls: 6%
- Firearm: 37%
- Poisoning: 31%
- Suffocation: 17%
- Other: 6%
LAC Suicide Deaths Trend Rate by SPA, 2004 - 2008

SPA 1   SPA 2   SPA 3   SPA 4   SPA 5   SPA 6   SPA 7   SPA 8
11.3    7.6    6.1    7.1    9.1    4.5    5.2    7.4
LAC Suicide Deaths
Five Year Trends – By Age
2004-2008
LAC Non-Fatal Suicide Attempt Hospitalization Rates per 100,000

2005-2009
2005-2009 Trend Data
Rate per 1000,000

Death  Hospitalization  ED Visit

SPA 1  SPA 2  SPA 3  SPA 4  SPA 5  SPA 6  SPA 7  SPA 8

97.5  25.5  23.9  23.3  24.7  22.4  18.8  20.5

74  45.7  36.4  39.1  34.1  39.4  42.6  46.4

11.3  7.6  6.1  7.1  9.1  4.5  5.2  7.4
Non-Fatal Suicide Attempt Hospitalization Rates per 100,000 by Race/Ethnicity, 2005-2009
Non-Fatal Suicide Attempt Hospitalization Rate Trends per 100,000 by SPA 2005-2009
Non-Fatal Suicide Attempt Hospitalization Rates per 100,000 by Age, 2005-2009

<table>
<thead>
<tr>
<th>Age</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-14</td>
<td>7.6</td>
</tr>
<tr>
<td>15-19</td>
<td>85.4</td>
</tr>
<tr>
<td>20-24</td>
<td>74.4</td>
</tr>
<tr>
<td>25-29</td>
<td>62.8</td>
</tr>
<tr>
<td>30-34</td>
<td>52.9</td>
</tr>
<tr>
<td>35-44</td>
<td>53.3</td>
</tr>
<tr>
<td>45-54</td>
<td>54.8</td>
</tr>
<tr>
<td>55-64</td>
<td>34.4</td>
</tr>
<tr>
<td>65+</td>
<td>22.8</td>
</tr>
</tbody>
</table>
Method

- Cut/Pierce: 19%
- Falls: 7%
- Fire/Burn: 1%
- Poisoning: 71%
- Suffocation: 1%
- Other: 1%
Emergency Department Visits for Suicide Attempts 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>1176</td>
<td>1663</td>
<td>5884</td>
</tr>
<tr>
<td>2006</td>
<td>1195</td>
<td>1493</td>
<td>7677</td>
</tr>
<tr>
<td>2007</td>
<td>1092</td>
<td>1615</td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>1222</td>
<td>1493</td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>1199</td>
<td>1413</td>
<td></td>
</tr>
</tbody>
</table>

0 1000 2000 3000 4000 5000 6000 7000 8000 9000
ED Visits Suicide Attempts by Method

- Cut/Pierce: 15%
- Poisoning: 58%
- Suffocation: 1%
- Other: 26%
## Crisis Line Calls

### FY 2010 – 2011

- 21,944 Calls from LAC
- Call volume increased by 8%

<table>
<thead>
<tr>
<th>Area</th>
<th>Calls</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles</td>
<td>667</td>
<td>39%</td>
</tr>
<tr>
<td>Long Beach</td>
<td>77</td>
<td>5%</td>
</tr>
<tr>
<td>Burbank</td>
<td>60</td>
<td>4%</td>
</tr>
<tr>
<td>Santa Monica</td>
<td>58</td>
<td>3%</td>
</tr>
<tr>
<td>Van Nuys</td>
<td>40</td>
<td>2%</td>
</tr>
</tbody>
</table>

- 54% Female
- 47% White
- 21% Latino
- 11% Black
- 5% Asian
- 1% Pacific Islander
- 15% Declined to state

Source: Didi Hirsch Mental Health Services Suicide Prevention Center Report Los Angeles County -- Fiscal Year 2010-11 Emergency Calls and Rescues
Crisis Line Calls

Age
- 31% Age 25 and under
- 37% 26-45 years old
- 19% 46-55 years old
- 12% 56-75 years old
- 1% 76-85 years old
- 1% 86 and older

Method
- 27% Overdose
- 14% Cut/Pierce
- 7% Gun
- 7% Vehicular
- 6% Suffocation
- 6% other
- 36% Declined to Say/Did Not Know

Source: Didi Hirsch Mental Health Services Suicide Prevention Center Report Los Angeles County -- Fiscal Year 2010-11 Emergency Calls and Rescues
CHIS - 2009

“Have you ever seriously thought about committing suicide?”

Source: 2009 California Health Interview Survey www.CHIS.ucla.edu
Ever seriously thought about committing suicide compared by Sexual orientation (4 levels) - Self Reported

- Straight or heterosexual
- Gay, lesbian, or homosexual
- Bisexual
- Not sexual / celibate / none / other
- All

- Thought about committing suicide
- Never thought about committing suicide
Ever seriously thought about committing suicide compared by Any mention of American Indian/Alaska Native (self-reported)

American Indian/Alaska Native

Not American Indian/Alaska Native

All

Thought about committing suicide

Never thought about committing suicide

Source: 2009 California Health Interview Survey  www.CHIS.ucla.edu
Ever seriously thought about committing suicide compared by Asian ethnicity groups (7 level)

- Chinese
- Japanese
- Korean
- Filipino
- South Asian
- Vietnamese
- Other single/multiple Asian type
- All

Thought about committing suicide
Never thought about committing suicide

Source: 2009 California Health Interview Survey  www.CHIS.ucla.edu
Military

• Ever served on active duty in the U.S. Armed Forces = 11.5% (Yes)
  » VS
  » Never Served
  » 7.4% Yes

Source: 2009 California Health Interview Survey www.CHIS.ucla.edu
Questions ???

Thank you!

Please visit the Los Angeles County, Department of Public Health Injury & Violence Prevention Program at http://publichealth.lacounty.gov/ivpp for more information.