Indiana Violent Death Reporting System (INVDRS)

Advisory Board Meeting

Rachel Kenny, INVDRS Epidemiologist
Division of Trauma and Injury Prevention
INVDRS@isdh.in.gov
Outline of Meeting

- Welcome & Introductions
- CDC Updates
- Data Collection Updates
- Violence Prevention Programs

Email Questions: INVDRS@isdh.in.gov
Introductions

• Name
• Organization
• Role/job title within organization
• Update
  • Events
  • Projects
  • Issues

(Related to Violence & Injury Prevention)

Email Questions: INVDRS@isdh.in.gov
New INVDTRS Staff!

- Ryan Cunningham
  - INVDRS Records Consultant
  - Rycunningham@isdh.in.gov
  - 317.233.8460
2016 meeting dates

- 3rd Friday of the month
  - 1 p.m.-3 p.m. EST in Rice Auditorium
  - July 15
  - September 16
  - November 18

Email Questions: INVDRS@isdh.in.gov
CDC Updates

Email Questions: INVDRS@isdh.in.gov
CDC Updates: 2016 Reverse Site Visit

- San Antonio, TX
- May 17-19
- Topics:
  - Overview of NVDRS Data collection
  - State VDRS presentations
  - Working with data providers
  - Success Stories
  - Best Practices
Midwest Injury Prevention Alliance (MIPA): NVDRS Subcommittee—Data Sharing Across State Lines

Email Questions: INVDRS@isdh.in.gov
MIPA NVDRS Subcommittee

- Goals: facilitate mentoring and collaboration, regional data sharing
- Sharing of Death Certificates to ID:
  - Individuals involved in an incident that began in Indiana but death occurred in another state

Email Questions: INVDRS@isdh.in.gov
Certificate of Confidentiality

- Once approved, the CoC protects ISDH from being compelled to release identifiable information in response to legal demands at the federal, state, or local levels.

Email Questions: INVDRS@isdh.in.gov
Data Collection Updates

*All data is preliminary*
Death Certificates-2015

• 1527 cases statewide (as of 2/15 DC update)
  – 964 Suicides (63%)
  – 388 Homicides (25%)
  – 140 Undetermined (9 %)
  – 35 Accidental (2%)

*preliminary numbers

Email Questions: INVDRS@isdh.in.gov
CDC Timelines

- 98% of our Death Certificates were uploaded within 6 months of Death!

- Median days from death to initiation in INVDRS = 81 days

Email Questions: INVDRS@isdh.in.gov
Death Certificates

- Pilot Counties
  - 49.7% of all cases (759)
  - 41.5% of all suicides (400)
  - 77.8% of all homicides (302)

*preliminary numbers

Email Questions: INVDRS@isdh.in.gov
# Death Certificates

<table>
<thead>
<tr>
<th></th>
<th>All Pilot</th>
<th>Marion</th>
<th>Lake</th>
<th>Allen</th>
<th>St. Joseph</th>
<th>Vanderburgh</th>
<th>Madison</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>759</td>
<td>344</td>
<td>150</td>
<td>112</td>
<td>74</td>
<td>50</td>
<td>29</td>
</tr>
<tr>
<td><strong>Suicide</strong></td>
<td>400</td>
<td>161</td>
<td>68</td>
<td>62</td>
<td>45</td>
<td>40</td>
<td>24</td>
</tr>
<tr>
<td><strong>Homicide</strong></td>
<td>302</td>
<td>160</td>
<td>76</td>
<td>34</td>
<td>22</td>
<td>9</td>
<td>*</td>
</tr>
</tbody>
</table>

*preliminary numbers

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**Email Questions:** INVDRS@isdh.in.gov
Manner of Death

**Statewide**
- Suicide: 63%
- Homicide: 24%
- Accidental: 3%
- Undetermined: 9%

**Pilot Counties**
- Suicide: 53%
- Homicide: 39%
- Accidental: 3%
- Undetermined: 5%

*preliminary numbers*

Email Questions: INVDRS@isdh.in.gov
Manner of Death by Sex (Statewide)

- Suicide: 774 (70% Male, 30% Female)
- Homicide: 299 (40% Male, 60% Female)
- Other: 103 (50% Male, 50% Female)

*preliminary numbers

Email Questions: INVDRS@isdh.in.gov
Manner of Death by Age Group (Statewide)

*preliminary numbers

Email Questions: INVDRS@isdh.in.gov
Manner of Death by Age Group (Statewide)

*preliminary numbers per 100,000

Email Questions: INVDRS@isdh.in.gov
Manner of Death by Month (Statewide)

*preliminary numbers

Email Questions: INVDRS@isdh.in.gov
### Suicide Crude Rates

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>13.4</td>
<td>13.4</td>
<td>14.3</td>
<td>14.3</td>
<td>14.3</td>
<td>14.6</td>
</tr>
<tr>
<td>Males</td>
<td>21.1</td>
<td>21.3</td>
<td>23.3</td>
<td>23.3</td>
<td>23.3</td>
<td>23.8</td>
</tr>
<tr>
<td>Females</td>
<td>5.8</td>
<td>6.0</td>
<td>5.7</td>
<td>5.7</td>
<td>5.7</td>
<td>5.7</td>
</tr>
</tbody>
</table>

*per 100,000

*2015 overall crude rate is based on the 2015 population estimate via US Census; the sex-specific crude rate is based on 2014 population.**2010-2014 Rates via CDC Wonder

Email Questions: INVDRS@isdh.in.gov
*2015 overall crude rate is based on the 2015 population estimate via US Census; the sex-specific crude rate is based on 2014 population.

**2010-2014 Rates via CDC Wonder
# Homicide Crude Rates

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<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>4.9</td>
<td>4.8</td>
<td>5.3</td>
<td>6.1</td>
<td>5.5</td>
<td>5.9</td>
</tr>
<tr>
<td>Males</td>
<td>7.7</td>
<td>7.3</td>
<td>8.1</td>
<td>9.6</td>
<td>8.9</td>
<td>9.2</td>
</tr>
<tr>
<td>Females</td>
<td>2.1</td>
<td>2.4</td>
<td>2.5</td>
<td>2.6</td>
<td>2.2</td>
<td>2.7</td>
</tr>
</tbody>
</table>

* per 100,000

*2015 overall crude rate is based on the 2015 population estimate via US Census; the sex-specific crude rate is based on 2014 population.

**2010-2014 Rates via CDC Wonder

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Homicide Crude Rates

*2015 overall crude rate is based on the 2015 population estimate via US Census; the sex-specific crude rate is based on 2014 population.

**2010-2014 Rates via CDC Wonder

*preliminary numbers

Email Questions: INVDRS@isdh.in.gov
Child Deaths-2015

• 89 violent deaths of individuals <18

*preliminary numbers
What else would you like to see?
Coroner Update

Murray Lawry, INVDRS Coroner
Records Coordinator

Email Questions: INVDRS@isdh.in.gov
# Data Sharing Agreements

39 signed Data Sharing Agreements!

<table>
<thead>
<tr>
<th>County</th>
<th>Name</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bartholomew</td>
<td>Henry</td>
<td>Pike</td>
</tr>
<tr>
<td>Blackford</td>
<td>Huntington</td>
<td>Pulaski</td>
</tr>
<tr>
<td>Carroll</td>
<td>Jackson</td>
<td>Randolph</td>
</tr>
<tr>
<td>Cass</td>
<td>Jasper</td>
<td>Ripley</td>
</tr>
<tr>
<td>Clay</td>
<td>Jay</td>
<td>Rush</td>
</tr>
<tr>
<td>Clinton</td>
<td>Kosciusko</td>
<td>St. Joseph</td>
</tr>
<tr>
<td>Dearborn</td>
<td>LaGrange</td>
<td>Tippecanoe</td>
</tr>
<tr>
<td>Decatur</td>
<td>LaPorte</td>
<td>Tipton</td>
</tr>
<tr>
<td>DeKalb</td>
<td>Lawrence</td>
<td>Union</td>
</tr>
<tr>
<td>Delaware</td>
<td>Marion</td>
<td>Vermillion</td>
</tr>
<tr>
<td>Fountain</td>
<td>Montgomery</td>
<td>Wabash</td>
</tr>
<tr>
<td>Fulton</td>
<td>Morgan</td>
<td>Wayne</td>
</tr>
<tr>
<td>Hancock</td>
<td>Newton</td>
<td>Whitley</td>
</tr>
</tbody>
</table>
Coroner Records

Requested

• 480 records
• Including all records for January 2015 and February 2015 Pilot County Deaths!

Received

• Over 270 records

Abstracted

• 73 records
• All Marion County Deaths from January-March 2015

Email Questions: INVDRS@isdh.in.gov
Law Enforcement Update

John O’Boyle, INVDRS Law Enforcement Records Coordinator

Email Questions: INVDRS@isdh.in.gov
Data Sharing Agreements

- 228 signed Data Sharing Agreements
- Please see handout for a complete list

Email Questions: INVDRS@isdh.in.gov
Law Enforcement Records

Requested
• 495 records

Received
• Over 390 records

Abstracted
• 73 records

Email Questions: INVDRS@isdh.in.gov
Other Data Sources
Child Fatality Review (CFR)

- Abstracted 14 CFR reports into INVDRS
- Records Abstractor will continue to use the CFR reports as they become available.
Trauma Registry

• 163 Trauma Registry reports have been included in INVDRS

• The Trauma Registry data is due quarterly and identification of INVDRS cases in this registry is done after these deadlines.
Time for questions/input

Email Questions: INVDRS@isdh.in.gov
ADVISORY BOARD: MEMBERS

Email Questions: INVDRS@isdh.in.gov
Purpose of the Advisory Board

Our Vision: prevention of violent deaths in Indiana.

Our Mission: to reduce the number of violent injuries and deaths by providing comprehensive, objective, and accurate information regarding violence-related morbidity and mortality.

Email Questions: INVDRS@isdh.in.gov
Responsibilities of a Advisory Board Member

• Help identify barriers to INVDRS and develop solutions.
• Provide access to data (if applicable).

• Connect ISDH with your partners.
• Provide speaking opportunities for INVDRS staff with professional organizations.
• Assist in identifying and recruiting individuals to join the advisory board.
• Be a spokesperson for INVDRS.

• Utilize INVDRS data.
• Review and facilitate the dissemination of data reports.

Email Questions: INVDRS@isdh.in.gov
Call to Action

• Send interested parties to ISDH Division of Trauma and Injury Prevention
  • INVDRS@isdh.in.gov
  • INVDRS Epidemiologist
    Rachel Kenny
    317-233-8197
    rkenny@isdh.in.gov

Email Questions: INVDRS@isdh.in.gov
*New* 2016 meeting dates

- 3rd Friday of the month
  - 1 p.m.-3 p.m. EST in Rice Auditorium
  - March 18
  - July 15
  - September 16
  - November 18

Email Questions: INVDRS@isdh.in.gov
### Contact Information

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<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Office</th>
<th>Mobile</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Katie Hokanson</td>
<td>Director, Division of Trauma and Injury Prevention</td>
<td>317.234.2865</td>
<td>317.607.5887</td>
<td><a href="mailto:khokanson@isdh.in.gov">khokanson@isdh.in.gov</a></td>
</tr>
<tr>
<td>Rachel Kenny</td>
<td>INVDRS Epidemiologist</td>
<td>317.233.8197</td>
<td></td>
<td><a href="mailto:rkenney@isdh.in.gov">rkenney@isdh.in.gov</a></td>
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Contact Information

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joboyle@isdh.in.gov

Email Questions: INVDRS@isdh.in.gov
Contact Information

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INVDRS Records Consultant

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Rycunningham@isdh.in.gov

Email Questions: INVDRS@isdh.in.gov