EMS Registry Update
EMS Registry Timeline

- Summer 2012: Discussion of an EMS Registry
- December 2012: Meeting with EMS Commission Chairman & Vice-Chairman
- January 2013: Installed EMS database
- February 2013: Pilot project begins
- March 2013: Recruit electronic providers
Current Status – Pilot Project

- AMR
- Beech Grove FD
- City of Lawrence FD
- Decatur Township FD
- DeKalb EMS
- Delaware County / Muncie EMS
- Fishers FD
- Grant County EMS
- Greenfield FD
- Greenwood FD
- Harrison County Hospital
- Indianapolis EMS

- King’s Daughters’ Hospital
- Parkview Noble Hospital
- Seals Ambulance Service
- South Bend FD
- Sugar Creek Township FD
- Sullivan County Ambulance Service
- Sullivan FD
- Three Rivers Ambulance Service
- Trans-Care, Inc.
- Town of Plainfield / Plainfield FD
- Washington Township / Avon FD
1st Statewide EMS Data Report

- 51,556 Incidents Reported
- December 9, 2011 to March 31, 2013
- 9 Providers
- Extremely small sample size
Patient Demographics

Patient Age Groupings (Years)

Patient Gender

Patient Race

Payer Type

<1% Race - Asian, Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native
Prehospital Distances & Times

Distance to Scene (Miles)

- 0 - 5 miles: 66%
- 6 - 10 miles: 1%
- 11 - 15 miles: 1%
- 16 - 20 miles: 0%
- > 20 miles: 31%

Response Time (Minutes)

- 0 - 5 minutes: 46%
- 6 - 10 minutes: 17%
- 11 - 15 minutes: 9%
- > 15 minutes: 28%

Distance to Destination (Miles)

- 0 - 5 miles: 41%
- 6 - 10 miles: 19%
- 11 - 15 miles: 11%
- 16 - 20 miles: 5%
- > 20 miles: 11%

Transport Time (Minutes)

- 0 - 5 minutes: 17%
- 6 - 10 minutes: 17%
- 11 - 15 minutes: 20%
- > 15 minutes: 46%
Times & Injury Information

**Scene Time (Minutes)**

- 0 - 10: 23%
- 11 - 20: 43%
- 21 - 30: 21%
- > 30: 13%

**Destination Time (Minutes)**

- 0 - 5: 5%
- 6 - 10: 14%
- 11 - 15: 24%
- > 15: 57%

**Cause of Injury**

- Falls: 49%
- Motor Vehicle Traffic Accident: 32%
- Struck by Blunt / Thrown Object: 3%
- Stabbing / Cutting Assault: 2%
- Motorcycle Accident: 2%
- Bites: 2%
- Drug Poisoning: 2%

**Provider Impression**

- <5% Provider Impression: Diabetic Symptoms, Poisoning / Drug Ingestion, Syncope / Fainting, Stroke / CVA, Cardiac Arrest, Pregnancy / OB Delivery, Obvious Death, Cardiac Rhythm Disturbance, Allergic Reaction, Hypovolemia / Shock

<1% COI: Pedestrian Traffic Accident, Machinery Accidents, Stabbing/Cutting Assault, Bicycle Accident, Firearm Assault
Patient Demographics

### Average Run Mileage

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>To Scene</td>
<td>5.1</td>
</tr>
<tr>
<td>To Destination</td>
<td>13.1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>33.6</strong></td>
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### Average Run Time

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>To Scene</td>
<td>0:10:57</td>
</tr>
<tr>
<td>At Scene</td>
<td>0:21:12</td>
</tr>
<tr>
<td>To Destination</td>
<td>0:17:07</td>
</tr>
<tr>
<td>Back in Service</td>
<td>0:20:40</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1:13:52</strong></td>
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### Time of Call

Graph showing the time of call with peaks at different times.

### Primary Role of Unit

- **89%** Transport
- **11%** Non-Transport
Transport Modes & Destination Information

**Response Mode to Scene**
- Lights and Sirens: 83%
- No Lights and Sirens: 11%
- Initial Lights and Sirens, Downgraded to No Lights or Sirens: 5%
- Initial No Lights or Sirens, Upgraded to Lights and Sirens: 1%

**Transport Mode from Scene**
- No Lights or Sirens: 69%
- Lights and Sirens: 8%
- Not Recorded: 23%

**Destination Determination**
- Patient Choice: 52%
- Family Choice: 11%
- Patient’s Physician’s Choice: 7%
- Protocol: 3%
- Closest Facility: 2%
- Law Enforcement Choice: 2%
- Not Recorded: 22%

**Destination Type**
- Hospital: 76%
- Nursing Home: 2%
- Not Recorded: 21%

*<1% Destination Determination—On-line Medical Direction, Insurance Status, Diversion*

*<1% Destination Type—Medical Office/Clinic, Home, Other, Other EMS Responder (Ground), Morgue, Other EMS Responder (Air)*
EMS Registry Timeline – Tour Schedules

- **Education Tour – April & May**
  - Recruit EMS providers already collecting data electronically
  - We want your data
  - We will take as much as you are willing to share
  - We can take Fire House (Legacy) or NEMSIS data

- **Training Tour—June & July**
  - Recruit providers looking to move from paper to electronic
  - Explain the benefits of data collection
  - Provide free software to providers who want to upgrade to a NEMSIS compliant system
Training Tour Details

Training will be conducted by ISDH & ImageTrend

Training on:
1. Setting up your service in the registry
2. Directly inputting EMS runs
3. Running reports
4. Electronically submitting data

Goal 1: Train providers on the ISDH EMS database
Goal 2: Show what data can do for you
Goal 3: Provide a free system to providers to upgrade to NEMSIS
Training Tour Details (continued)

June 17 – 21
- 6/17 – Terre Haute
- 6/18 – Evansville
- 6/19 – Scottsburg
- 6/20 – Columbus
- 6/21 - Indianapolis

July 22 - 26
- 7/22 – Muncie
- 7/23 – Fort Wayne
- 7/24 – South Bend
- 7/25 – Crown Point
- 7/26 – Lafayette
Training Tour Details

- All sessions are 3 hours (local time):
  - 9am-12pm
  - OR
  - 1:30pm-4:30pm

- Sign Up
  - At the ISDH booth
  - Online at: https://indianatrauma.org
    - Under the training tour link
Q&A