Hospitals Reporting to the Indiana Trauma Registry – Quarter 3

**District 1**
- Methodist Northlake
- Methodist Southlake
- **Porter Regional (Valparaiso)**
- St. Anthony – Crown Point
- St. Margaret - Dyer

**District 2**
- Community Hospital of Bremen
- Elkhart General
- Memorial Hospital South Bend
- **Pulaski Memorial Hospital**

**District 3**
- Cameron Memorial
- **Dukes Memorial**
- Lutheran
- Parkview Huntington
- Parkview LaGrange
- Parkview Noble
- **Parkview Randallia**
- Parkview Regional Medical Center
- Parkview Whitley
Hospitals Reporting to the Indiana Trauma Registry – Quarter 3

**District 4**

Franciscan St. Elizabeth—Lafayette Central
Franciscan St. Elizabeth – Lafayette East
IU Health – Arnett
IU Health – White Memorial

**District 5**

Eskenazi Health
St. Francis – Indianapolis
St. Francis - Mooresville
Hendricks Regional Health
IU Health – Methodist
**IU Health – North**
IU Health – Riley for Children
Johnson Memorial
Major Hospital
St. Vincent - Indianapolis
Witham Health Services
**Witham at Anson**
<table>
<thead>
<tr>
<th>District 6</th>
<th>District 7</th>
<th>District 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Hospital of Anderson &amp; Madison Co.</td>
<td>St. Vincent - Clay</td>
<td>IU Health - Bedford</td>
</tr>
<tr>
<td>Henry County</td>
<td>Sullivan County Community</td>
<td>IU Health – Bedford</td>
</tr>
<tr>
<td>IU Health – Ball Memorial</td>
<td>Terre Haute Regional</td>
<td>IU Health – Bloomington</td>
</tr>
<tr>
<td>IU Health – Tipton</td>
<td>Union Hospital</td>
<td>Monroe Hospital</td>
</tr>
<tr>
<td>Marion General</td>
<td></td>
<td>Schneck Medical Center</td>
</tr>
<tr>
<td>Reid Hospital</td>
<td><strong>Union - Clinton</strong></td>
<td></td>
</tr>
<tr>
<td>St. Vincent Anderson</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Hospitals reporting to the Indiana Trauma Registry – Quarter 3

District 9
Scott Memorial

District 10
Daviess Community
Deaconess
Gibson General
Good Samaritan
Memorial Hospital & Health Care Center
Perry County Memorial
St. Mary’s Medical Center
St. Mary’s Warrick
SUMMARY OF HOSPITALS REPORTING STATUS – Q3 2013

New to Reporting / Started Reporting Again

- Porter Regional (Valparaiso)*
- Dukes Memorial
- Parkview Randallia*
- IU Health – North*
- Union – Clinton
- St. Mary’s Medical Center

Dropped off

- Pulaski Memorial
- St. Elizabeth – Central
- Witham at Anson
- Scott Memorial
- Gibson General

* = New to Reporting
HOSPITALS TRAINED ON THE TRAUMA REGISTRY (YTD)

- Adams Memorial
- Community Howard
QUARTER 3 2013 STATEWIDE REPORT

- 6,904 incidents
- July 1, 2013 to September 30, 2013
- 54 total hospitals reporting
  - 9 trauma centers
  - 45 hospitals
Statewide Quarter 3 Data Report
July 1, 2013 to September 30, 2013
6,904 Incidents

For Quarter 3 2013, which spanned from July 1, 2013 to Sept 30, 2013, there were 6,904 incidents reported to the Indiana Trauma Registry. There were 54 hospitals that reported, of which 9 were trauma centers and 45 were non-trauma centers. There were six hospitals that either started to report again or were new to report during this quarter compared to the previous quarter, while five hospitals dropped off from reporting. Trauma centers represented 58.3% of the data. There were 2,241 incidents reported for July, 2,407 reported for August, and 2,256 reported for September.

The content of this report has changed due to suggestions and additions requested by the Indiana State Trauma Care Committee at the November, 2013 meeting. Explanations of the changes requested and adapted from the November, 2013 ISTCC meeting can be found on page 19. We are continuing to do research about the Trauma Score and Injury Severity Score Analysis, also known as TRISS, as requested at the previous meeting. We plan to include this in the 2013 Q4 report.

Some general reminders include that the blue columns represent an Indiana average, red columns represent trauma centers, and green columns represent non-trauma centers. If a single percent is listed above a group of bars, the percent listed represents the average for Indiana. If a number is listed above a group of bars, it represents the count for Indiana.

Due to changes in our SAS programming code, the “Not Categorized” cause of injury category changed significantly due to more flexibility to include E-codes. The E-codes used in this report follow the ICD-9 CDC matrix of external cause of injury. We also had a decrease in the “No E-code” category so that it is now less than one percent of the data reported.

Definitions:
Direct Admit: Patient is admitted directly to the hospital and does not spend time in Emergency Department. The ED Length of Stay should reflect a direct admittance.
Trauma Type: The classification of the force applied to the body. Trauma type categories include blunt, penetrating, thermal, and other trauma.
External Cause of Injury: ICD-9-CM codes that are used to describe the mechanism or external factor that caused the injury event.

Acronyms:
CAHs: Critical Access Hospital
E-code: External Cause of Injury
ED: Emergency Department
ICU: Intensive Care Unit
ISS: Injury Severity Score
LOS: Length of Stay
MVC: Motor Vehicle Collision
OR: Operating Room
Ps: Probability of Survival
PATIENT DEMOGRAPHICS – PAGE 2

Patient Age (Years)

Patient Age Groupings

Patient Gender

Patient Race

<1% Race - Asian, Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native
Injury Severity Score (ISS)

Cause of Injury

Trauma Type

Transport Mode

<1% COI: Pedestrian Traffic Accident, Natural/Environment, Fire/Burn, Overexertion, Bites/Stings, No E-Code

<1% Transport Mode: Police, Other

* Indicates Private/Public Vehicle, Walk-in
ED: Disposition / Length of Stay – Page 4

**ED Disposition by Percentage**

- Floor Bed: 42%
- ICU: 19%
- Transferred: 15%
- Home w/o Services: 9%
- Observation: 2%
- Step-Down: 5%
- Expired: 2%
- NK/NR/NA: 1%

- Indiana: Blue
- Trauma: Red
- Non-Trauma: Green

<1% ED Disposition: AMA; Home with Services; Other

**ED Length of Stay (Hours)**

- Direct Admit: 12%
- <1: 5%
- 1-2: 28%
- 3-5: 39%
- 6-11: 10%
- 12+: 1%
- Null: 4%

- Indiana: Blue
- Trauma: Red
- Non-Trauma: Green

**ED LOS >12 Hours**

- Incidents vs Hours: Graph showing incidents over time.

**ED Disposition for ED LOS >12 Hours**

- Incidents vs Hours: Graph showing disposition over time.

N=47
ED LENGTH OF STAY (HOURS)

November 2013

October 2014

ED Length of Stay (Hours)

ED Length of Stay (Hours)
ED: Disposition / Length of Stay – Page 4

ED Length of Stay (Hours)

ED LOS >12 Hours

ED Disposition for ED LOS >12 Hours
ED LENGTH OF STAY: BAR & WHISKER – PAGE 5

Bar and whisker plots were requested at the last ISTCC meeting in order to show more than just an average ED LOS and ED LOS by ISS. The bar and whisker plots represent the four quartiles of data, as illustrated on the example graph to the right. The blue boxes each contain 25% of the values and the error bars each represent where 25% of the values fell. The median is represented in the middle of the two blue boxes with the white line. The red dot in the center indicates the average for that category. The cap on the error bars indicates the minimum and maximum of each category and all the values fall within the two caps.

For the ED LOS bar and whisker plots below, the average is represented by the white dot and the color boxes reflect the hospital type. The ED LOS by ISS plots on the next page follow the same layout and the red dots indicate the average for each of the ISS categories.

A table with all the values for ED LOS is found on page 17.
Bar and whisker plots were requested at the last ISTCC meeting in order to show more than just an average ED LOS and ED LOS by ISS. The bar and whisker plots represent the four quartiles of data, as illustrated on the example graph to the right. The blue boxes each contain 25% of the values and the error bars each represent where 25% of the values fell. The median is represented in the middle of the two blue boxes with the white line. The red dot in the center indicates the average for that category. The cap on the error bars indicates the minimum and maximum of each category and all the values fall within the two caps.

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A table with all the values for ED LOS is found on page 17.
ED LOS by ISS – Page 6

* A table with values for ED LOS by ISS is found on page 17.
ED LOS by ISS – Page 6

*A table with values for ED LOS by ISS is found on page 17.*
ED DISPOSITION BY ISS – PAGE 7

ED Disposition by ISS 1-14

ED Disposition by ISS 15-75
**UPATED—ED Disposition of Expired for Ps ≥50%, N=4**

### Patients with Ps >50% Expired in ED, N=4

<table>
<thead>
<tr>
<th>Gender</th>
<th>3 Males 1 Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Age</td>
<td>53.5 years (28-84 years)</td>
</tr>
<tr>
<td>Facilities</td>
<td>4 Trauma Center</td>
</tr>
<tr>
<td>Transport Type</td>
<td>1 by Helicopter Ambulance</td>
</tr>
<tr>
<td>Cause of Injury</td>
<td>3 MVC 1 Transport, Other</td>
</tr>
<tr>
<td>Inter-Facility Transfer</td>
<td>0 Transfers</td>
</tr>
</tbody>
</table>

### Trauma Type

- **Counts**: 4
- **Trauma Types**
  - Blunt
  - Penetrating

### Patient Age Groupings

- **Counts**: 3
- **Age Categories**
  - Pediatric (<18)
  - Adult
  - Older Adult (>65)

### Injury Severity Score

- **ISS= 1 for 2 patients**
- **ISS= 19 for 2 patients**
- **Counts**: 2
- **ISS Categories**
  - 1-8
  - 9-14
  - 15-24
  - 25-44
  - NO ISS
Statewide Quarter 3 Data Report
July 1, 2013 to September 30, 2013
6,904 Incidents—506 Linked Transfer Cases

For Quarter 3 2013, of the 6,904 incidents reported to the Indiana Trauma Registry, 2,105 cases that had an ED Disposition of “Transferred to another acute care facility” at the initial facility or that had the Inter-Facility Transfer equal to “Yes” at the Trauma Center. Of those transferred, 506 cases were manually linked. The linked cases make up 17% of the Q3 2013 data. All public health preparedness districts are represented. The diagram below illustrates the overlap between the transfers reported from the initial facility and from the final facility that can then be matched.

The initial facility in which transfers come from may be considered Critical Access Hospitals (CAHs). All Indiana CAHs are considered Rural, and must meet additional requirements to have a CAH designation, such as having no more than 25 inpatient beds and being located in a rural area. Facilities that are highlighted indicate that this facility reported data for Quarter 3 2013.

Within this transfer data section, the purple columns represent the transfer cases and the single percentages represent the percent for the transfer cases. For two demographic variables, patient age groupings and gender, the Indiana average is included to provide more insight to this transfer population.
### Facility to Facility Transfers

<table>
<thead>
<tr>
<th>For Transfer Patients:</th>
<th>Incident Counts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Initial Facility Type</strong></td>
<td><strong>Final Facility Type</strong></td>
</tr>
<tr>
<td>Rural Hospital</td>
<td>Hospital</td>
</tr>
<tr>
<td>Trauma Center</td>
<td>Trauma Center</td>
</tr>
<tr>
<td>Critical Access Hospital</td>
<td>Hospital</td>
</tr>
<tr>
<td>Hospital</td>
<td>Hospital</td>
</tr>
<tr>
<td>Critical Access Hospital</td>
<td>Trauma Center</td>
</tr>
<tr>
<td>Rural Hospital</td>
<td>Trauma Center</td>
</tr>
<tr>
<td>Hospital</td>
<td>Trauma Center</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Facility Transfer Type

- **CAH → Hospital**: 20
- **CAH → TC**: 44
- **Hospital → Rural Hospital**: 1
- **Rural Hospital → TC**: 42
- **Hospital → Hospital**: 273
- **Hospital → TC**: 13

Rural = Rural Hospital; TC = ACS Verified Trauma Center; CAH = Critical Access Hospital; Hospital = does not fall into above categories.
### Transfer Patient Data Averages – Page 13

#### For Linked Transfer Patients:

<table>
<thead>
<tr>
<th>For Transfer Patients:</th>
<th>All Transfer Patients</th>
<th>Critical* Transfer Patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Patients</td>
<td>506</td>
<td>166</td>
</tr>
<tr>
<td>EMS Notified to Scene</td>
<td>9 minutes</td>
<td>9 minutes</td>
</tr>
<tr>
<td>EMS Scene Arrival to Departure</td>
<td>16 minutes</td>
<td>14 minutes</td>
</tr>
<tr>
<td>EMS Scene Departure to Initial Hospital ED Arrival</td>
<td>19 minutes</td>
<td>19 minutes</td>
</tr>
<tr>
<td>Initial Hospital ED Arrival to Departure</td>
<td>3 hours 10 minutes</td>
<td>2 hours 37 minutes</td>
</tr>
<tr>
<td>Initial Hospital ED Departure to Final Hospital ED Arrival</td>
<td>1 hour 50 minutes</td>
<td>1 hour 56 minutes</td>
</tr>
<tr>
<td>TOTAL TIME</td>
<td>5 hours 44 minutes</td>
<td>5 hours 15 minutes</td>
</tr>
</tbody>
</table>

*Critical patient is defined as having an ISS > 15, OR GCS ≤ 12, OR Shock Index > 0.9 at EITHER the initial hospital or the final trauma center.
9 Minutes

16 Minutes

TRANSFER PATIENT DATA AVERAGES – PAGE 13
19 Minutes

3 Hours
10 Minutes
1 Hour
50 Minutes

Ground: 2 hours, 2 minutes
Air: 1 hour, 5 minutes

Total:
5 Hours
44 Minutes
Critical Patient defined as:
• ISS > 15
OR
• GCS ≤ 12
OR
• Shock Index > 0.9
19 Minutes

2 Hours 37 Minutes
1 Hour
56 Minutes

Ground: 2 Hours 18 Minutes
Air: 1 Hour 15 Minutes

Total:
5 Hours
15 Minutes
### ED Length of Stay

<table>
<thead>
<tr>
<th>ED Length of Stay (minutes)</th>
<th>Indiana Average</th>
<th>Trauma Center</th>
<th>Non-Trauma Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>N=</td>
<td>5765</td>
<td>3469</td>
<td>2296</td>
</tr>
<tr>
<td>Average</td>
<td>227.8</td>
<td>219.6</td>
<td>240.1</td>
</tr>
<tr>
<td>Std. Deviation</td>
<td>144.2</td>
<td>138.8</td>
<td>151.0</td>
</tr>
<tr>
<td>Minimum</td>
<td>2.0</td>
<td>2.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Quartile 1</td>
<td>136.0</td>
<td>124.0</td>
<td>158.0</td>
</tr>
<tr>
<td>Median</td>
<td>206.0</td>
<td>196.0</td>
<td>219.0</td>
</tr>
<tr>
<td>Quartile 3</td>
<td>292.0</td>
<td>285.0</td>
<td>298.0</td>
</tr>
<tr>
<td>Maximum</td>
<td>1936.0</td>
<td>1777.0</td>
<td>1936.0</td>
</tr>
</tbody>
</table>

### ED Length of Stay by ISS

<table>
<thead>
<tr>
<th>ISS Category</th>
<th>Indiana Average</th>
<th>Trauma Center</th>
<th>Non-Trauma Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-8</td>
<td>239.8</td>
<td>237.0</td>
<td>243.3</td>
</tr>
<tr>
<td>9-14</td>
<td>231.5</td>
<td>223.5</td>
<td>243.2</td>
</tr>
<tr>
<td>15-24</td>
<td>195.9</td>
<td>192.8</td>
<td>211.3</td>
</tr>
<tr>
<td>25-44</td>
<td>152.7</td>
<td>154.3</td>
<td>140.7</td>
</tr>
<tr>
<td>45-74</td>
<td>136.2</td>
<td>133.7</td>
<td>179.0</td>
</tr>
<tr>
<td>75</td>
<td>101.4</td>
<td>109.9</td>
<td>34.0</td>
</tr>
<tr>
<td>No ISS</td>
<td>238.1</td>
<td>239.1</td>
<td>238.0</td>
</tr>
</tbody>
</table>

### ED Disposition

<table>
<thead>
<tr>
<th>ED Disposition (count)</th>
<th>Indiana</th>
<th>Trauma Center</th>
<th>Non-Trauma Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floor Bed</td>
<td>2911</td>
<td>1715</td>
<td>1196</td>
</tr>
<tr>
<td>ICU</td>
<td>1319</td>
<td>1168</td>
<td>151</td>
</tr>
<tr>
<td>Transferred</td>
<td>1058</td>
<td>105</td>
<td>953</td>
</tr>
<tr>
<td>OR</td>
<td>628</td>
<td>486</td>
<td>142</td>
</tr>
<tr>
<td>Home w/o Services</td>
<td>160</td>
<td>142</td>
<td>18</td>
</tr>
<tr>
<td>Observation</td>
<td>317</td>
<td>178</td>
<td>139</td>
</tr>
<tr>
<td>Step-Down</td>
<td>163</td>
<td>68</td>
<td>95</td>
</tr>
<tr>
<td>Expired</td>
<td>57</td>
<td>35</td>
<td>22</td>
</tr>
<tr>
<td>AMA</td>
<td>5</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Home W/ Services</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Other</td>
<td>9</td>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td>NK/NR/NA</td>
<td>273</td>
<td>117</td>
<td>156</td>
</tr>
</tbody>
</table>

* A bar graph of ED Disposition is found on page 4.
* A bar graph of ED Length of Stay is found on page 4.
* A Box and Whisker plot of ED LOS is found on page 5.
* A Box and Whisker plot of ED Length of Stay by ISS is found on page 6.
**ED Disposition (count) by ISS Category**

<table>
<thead>
<tr>
<th>ISS Category</th>
<th>Floor Bed</th>
<th>ICU</th>
<th>Transferred</th>
<th>OR</th>
<th>Observation</th>
<th>NK/NR/NA</th>
<th>Step-Down</th>
<th>Home w/o Services</th>
<th>Expired</th>
<th>Other</th>
<th>AMA</th>
<th>Home w/ Services</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-8</td>
<td>1546</td>
<td>332</td>
<td>610</td>
<td>282</td>
<td>232</td>
<td>132</td>
<td>88</td>
<td>148</td>
<td>15</td>
<td>9</td>
<td>5</td>
<td>4</td>
<td>3403</td>
</tr>
<tr>
<td>9-14</td>
<td>1216</td>
<td>454</td>
<td>325</td>
<td>187</td>
<td>71</td>
<td>115</td>
<td>60</td>
<td>6</td>
<td>10</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2444</td>
</tr>
<tr>
<td>15-24</td>
<td>99</td>
<td>296</td>
<td>58</td>
<td>69</td>
<td>7</td>
<td>5</td>
<td>13</td>
<td>0</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>555</td>
</tr>
<tr>
<td>25-44</td>
<td>14</td>
<td>218</td>
<td>19</td>
<td>76</td>
<td>3</td>
<td>10</td>
<td>1</td>
<td>0</td>
<td>15</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>356</td>
</tr>
<tr>
<td>45-74</td>
<td>0</td>
<td>10</td>
<td>0</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>18</td>
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<td>75</td>
<td>3</td>
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<td>4</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td>NO ISS</td>
<td>33</td>
<td>4</td>
<td>45</td>
<td>2</td>
<td>4</td>
<td>11</td>
<td>1</td>
<td>6</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>113</td>
</tr>
<tr>
<td>Total</td>
<td>2911</td>
<td>1319</td>
<td>1058</td>
<td>628</td>
<td>317</td>
<td>273</td>
<td>163</td>
<td>160</td>
<td>57</td>
<td>9</td>
<td>5</td>
<td>4</td>
<td>6904</td>
</tr>
</tbody>
</table>

*Bar graph of ED Disposition by ISS is found on page 7*
Requests from Trauma Care Committee members:

General Report:
- Page numbers have been added to the report on the bottom right corner.
- The ED LOS now includes the mean, median, quartiles 1 & 3, minimum, and maximum values in the table found on page 17.
  - Several bar and whiskers plots of ED LOS is found on page 5.
  - An explanation of the bar and whiskers plot is found on page 5.
- The ED LOS by ISS now includes the mean, median, quartiles 1 & 3, minimum, and maximum values in the table found on page 17.
  - The bar and whisker plot of ED LOS by ISS is found on page 6.
- There are two Probability of survival (PS) graphs to include the percentages and counts, which are found on page 8.
- The TRISS graph is not included in this report, but information about ED disposition as death with PS ≥50% is found on page 9.

Transfer data:
- Total number of transfers is indicated in the table on page 13, the cover page on page 11, and on header in each transfer section page.
- A table and bar graph of includes the breakdown of rural, CAHs, hospitals, and trauma center transfers is found on page 12.
  - This table and bar graph indicates rural and CAHs as requested.
- Basic patient demographic information has been included on pages 14, 15, and 16.
- A bar graph to compare helicopter transfers to ground ambulance is found on page 16.
- A bar graph about reasons for transfer delay is found on page 16.
QUESTIONS?
ISDH EMS Registry Data

- 15,004 traumatic injury incidents
  - Possible Injury indicated
  - Provider Primary Impression
  - Provider Secondary Impression
  - Complaint Reported by Dispatch is trauma injury
- January 1, 2013 to January 25, 2014
- 73 total providers reporting

267,000+ runs in the ISDH EMS Registry
Time to Patient (Minutes)

Time To Patient: Difference in Time from Arrival at Scene to Patient Arrival

Destination Time (Minutes)

Scene Time (Minutes)

Scene Time: Difference in Time from Arrival at Destination to Unit Back in Service

Time of Call

Time of Call: Difference in Time from Arrival at Scene to Leaving Scene

Frequency Count

Hour of Time of Call

Time of Call Not Recorded for 5,311 Incidents
### Average Run Mileage

<table>
<thead>
<tr>
<th>Obs</th>
<th>Destination</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mileage to Scene</td>
<td>1.3</td>
</tr>
<tr>
<td>2</td>
<td>Mileage to Destination</td>
<td>3.3</td>
</tr>
<tr>
<td>3</td>
<td>Total Mileage</td>
<td>5.6</td>
</tr>
</tbody>
</table>

### Average Run Time (Minutes)

<table>
<thead>
<tr>
<th>Obs</th>
<th>Destination</th>
<th>Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Time to Scene</td>
<td>8.54</td>
</tr>
<tr>
<td>2</td>
<td>Time to Patient</td>
<td>1.95</td>
</tr>
<tr>
<td>3</td>
<td>Time at Scene</td>
<td>16.67</td>
</tr>
<tr>
<td>4</td>
<td>Time to Destination</td>
<td>16.30</td>
</tr>
<tr>
<td>5</td>
<td>Back in Service</td>
<td>24.87</td>
</tr>
<tr>
<td>6</td>
<td>Total Run Time</td>
<td>59.54</td>
</tr>
</tbody>
</table>

### Primary Role of Unit

- 91.5% Transport
- 5.8% Non-Transport
- 1.6% Rescue
- 0.1% Supervisor
- 1% Not Recorded

### Level of Transport

- 23.1% ALS Level 1
- 19.2% ALS Level 1 Emergency
- 9.1% ALS Level 2
- 11.1% BLS
- 5.1% BLS, Emergency
- 8.4% NR/NK/NA
Cause of Injury (COI)

- Fall: 21%
- Struck by, Hit/Hit against Object: 18.7%
- Motor Vehicle Traffic Accident: 3.5%
- Motor Vehicle Non-Traffic Accident: 2.5%
- Assault: 1.5%
- Not Recorded: 1.5%

<1.5% COI: Motorcycle Accident, Stabbing/Cutting Assault, Bites, Machinery Accidents, Fire/Flames, Pedestrian Traffic Accident, Bicycle Accident, Firearm Injuries

Response Mode to Scene

- No Lights and Sirens: 37.5%
- Lights and Sirens: 60%
- Initial Lights and Sirens, Downgraded to No Lights or Sirens: 1.7%
- Initial No Lights or Sirens, Upgraded to Lights and Sirens: 0.2%
- Not Recorded: 0.6%

Incident Location Type

- Home/Residence: 36.9%
- Health Care Facility: 9.9%
- Street or Highway: 28.5%
- Trade or Service: 5.5%
- Public Building: 5.5%
- Place of Recreation or Sport: 1.5%
- Residential Institution: 4.6%
- Not Recorded: 5.2%

<1% Location Type: Mine or Quarry, Lake/River/Ocean

Transport Mode from Scene

- No Lights or Sirens: 68.2%
- Lights and Sirens: 8.8%
- Not Recorded: 23%
QUESTIONS?