For Quarter 2 2017 which spanned from April 1, 2017—June 30, 2017 there were 9,990 incidents reported to the Indiana Trauma Registry at the Indiana State Department of Health. There were 100 hospitals that reported data, of which 10 were level I or II trauma centers, 12 were level III trauma centers and 77 were non-trauma centers. There were 11 hospitals that either started to report again or were new to reporting during this quarter compared to the previous quarter, while 2 hospitals dropped off from reporting. A map of the state with the reporting hospitals can be found on page 17. Trauma centers represented 55% of the data. There were 3,081 incidents reported for April, 3,390 reported for May, and 3,519 incidents reported for June.

The content of this report has changed due to suggestions and additions requested by the Indiana State Trauma Care Committee at the April 21, 2017 meeting. Explanations of the changes requested and adapted from the ISTCC meeting can be found on page 18.

Some general reminders include that the blue columns represent an Indiana average, red columns represent level I and II trauma centers, green columns represent level III trauma centers and orange 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. The category ‘All Transfers’ denotes the patient group where ED Disposition = Transferred to Another Hospital. The category ‘Linked Transfers’ represents the patient group for whom the initial hospital and final hospital information could be linked.

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.
External Cause of Injury: ICD-10-CM codes that are used to describe the mechanism or external factor that caused the injury event.
Trauma Type: The classification of the force applied to the body. Trauma type categories include blunt, penetrating, thermal, and other trauma.
Injury Severity Score: An anatomical scoring system defined as the sum of the three highest squared maximum Abbreviated Injury Scale (AIS) values to account for multiple injuries in the six body regions.

Formulas:

Acronyms:
ED: Emergency Department
MVC: Motor Vehicle Collision
ICU: Intensive Care Unit
OR: Operating Room
ISS: Injury Severity Score
Ps: Probability of Survival
LOS: Length of Stay
Level I, II and III: Verified and In Process Trauma Centers
NTC: Non-trauma Center
CAHs: Critical Access Hospital

Calculations:
Ps = 1/(1+e^b) where b=b_0+b_1(RTS) + b_2(ISS) + b_3(Age Index)
Total GCS = Verbal GCS + Motor GCS + Eye GCS
RTS = 0.94*GCS+0.73*SBP+0.29*RR
ISS = (AIS)^2 + (AIS)^2 + (AIS)^2
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

100 Total Hospitals Reporting
- Level I and II: 10 facilities, 40.2% of data
- Level III: 12 facilities, 14.8% of data
- (Non-Trauma) Hospitals: 77 facilities, 45.0% of data

ED Disposition by Percentage

ED Length of Stay (Hours)
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data

ED Disposition for ED LOS >12 Hours

N=109  *No cases expired
## Indiana Trauma Registry

### Statewide Quarter 2 Data Report

**April 1, 2017—June 30, 2017**

**9,990 Incidents**

<table>
<thead>
<tr>
<th>Facilities</th>
<th>76 Level I and II</th>
<th>33 Non-trauma Centers</th>
<th>Region</th>
<th>14 North; 63 Central; 11 South; 21 Unknown/Out of State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Distance from Scene to Facility</td>
<td>22.9 Miles</td>
<td>ISS</td>
<td>71 (1-8 cat); 29 (9-15 cat); 7 (16-24), 2 (25-44)</td>
<td></td>
</tr>
<tr>
<td>Transport Type</td>
<td>80 Ambulance; 22 Private Vehicle; 1 Police; 6 Unknown</td>
<td>GCS Motor</td>
<td>1 (2 cat); 1 (3 cat); 48 (4 cat); 59 (unknown)</td>
<td></td>
</tr>
<tr>
<td>Cause of Injury</td>
<td>29 Transport; 56 Falls; Inanimate mechanical force 5; animate mechanical forces 2, drowning 1 16 Not Identified</td>
<td>RTS—Systolic</td>
<td>4 (2-3); 100 (4)</td>
<td></td>
</tr>
<tr>
<td>Signs of Life</td>
<td>108 Yes 1 No</td>
<td>RTS—Resp. Scale</td>
<td>2 (0-1); 103 (3)</td>
<td></td>
</tr>
<tr>
<td>Age</td>
<td>51.83 Years (3-98 Years)</td>
<td>Resp. Assistance</td>
<td>11 Yes; 94 No; 5 Unknown</td>
<td></td>
</tr>
<tr>
<td>Gender</td>
<td>59 Female; 50 Male</td>
<td>ED LOS Hours</td>
<td>109 (12-35)</td>
<td></td>
</tr>
<tr>
<td>Interfacility Transfer</td>
<td>26 Yes; 83 No</td>
<td>ED Disposition</td>
<td>44 Floor; 14 Home without services; 8 ICU; 6 Observation; 13 OR; 10 Step Down; 6 Transferred; 9 Unknown</td>
<td></td>
</tr>
</tbody>
</table>

-Region was created from injury zip code. Missing = no injury zip or injury zip from out of state.
-Numbers represent counts per category or mean with minimum and maximum in parentheses.
-No signs of life is defined as having none of the following: organized EKG activity, papillary responses, spontaneous respiratory attempts or movement, and unassisted blood pressure. This usually implies the patient was brought to the ED with CPR in progress (2015 Trauma Registry Data Dictionary, page 185).
**Indiana Trauma Registry**

**Statewide Quarter 2 Data Report**
April 1, 2017—June 30, 2017
9,990 Incidents

**ED LOS (Minutes) - All Patients**

A table with all the values for ED LOS is found on page 52.

**ED LOS (Minutes) by ISS**

Note for EDLOS by ISS, there were 26 cases with ISS of 75; none were at a non-trauma center.

**100 Total Hospitals Reporting**
- Level I and II: 10 facilities (40.2% of data)
- Level III: 12 facilities (14.8% of data)
- (Non-Trauma) Hospitals: 77 facilities (45.0% of data)
Hospital dispositions with <1% included: Another institution, Null, Psychiatric Hospital, Long-Term Care Hospital and Intermediate Care
For Quarter 2 2017, of the 9,990 incidents reported to the Indiana Trauma Registry, 1,986 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, 852 cases were probabilistically matched. The linked cases make up 8.5% of the Q2 2017 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 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 these facilities reported data for Quarter 4 2016.

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.
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data

Historical Links

For Quarter 3, 2016, of the 8,916 incidents reported to the Indiana Trauma Registry, 1,891 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, 734 cases were probabilistically matched. The linked cases make up 18% of the Q3 2016 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 be matched.

For Quarter 4, 2016, of the 8,916 incidents reported to the Indiana Trauma Registry, 1,484 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, 685 cases were probabilistically matched. The linked cases make up 21% of the Q4 2016 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 be matched.

For Quarter 1 2017, of the 7.805 incidents reported to the Indiana Trauma Registry, 1,210 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, 600 cases were probabilistically matched. The linked cases make up 21% of the Q1 2017 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 be matched.
### Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

#### Facility to Facility Transfers

<table>
<thead>
<tr>
<th>Initial Hospital Type</th>
<th>Final Hospital Type</th>
<th>Incident Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospital</td>
<td>Hospital</td>
<td>99</td>
</tr>
<tr>
<td>Critical Access Hospital</td>
<td>Rural Hospital</td>
<td>43</td>
</tr>
<tr>
<td>Critical Access Hospital</td>
<td>Hospital</td>
<td>27</td>
</tr>
<tr>
<td>Critical Access Hospital</td>
<td>Trauma Center</td>
<td>96</td>
</tr>
<tr>
<td>Rural Hospital</td>
<td>Trauma Center</td>
<td>67</td>
</tr>
<tr>
<td>Trauma Center</td>
<td>Trauma Center</td>
<td>160</td>
</tr>
<tr>
<td>Hospital</td>
<td>Trauma Center</td>
<td>317</td>
</tr>
</tbody>
</table>

#### Facility Transfer Type

<table>
<thead>
<tr>
<th>Transfer Type</th>
<th># of Transfers</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAH → Hospital</td>
<td>27</td>
</tr>
<tr>
<td>CAH → Rural</td>
<td>43</td>
</tr>
<tr>
<td>Rural → TC</td>
<td>67</td>
</tr>
<tr>
<td>CAH → TC</td>
<td>96</td>
</tr>
<tr>
<td>Hospital → Hospital</td>
<td>99</td>
</tr>
<tr>
<td>TC → TC</td>
<td>160</td>
</tr>
<tr>
<td>Hospital → TC</td>
<td>317</td>
</tr>
</tbody>
</table>

**Rural = Rural Hospital; TC = ACS Verified or In Process Trauma Center;**

**CAH = Critical Access Hospital; Hospital = does not fall into above categories**

#### 100 Total Hospitals Reporting
- Level I and II: 10 facilities, 40.2% of data
- Level III: 12 facilities, 14.8% of data
- (Non-Trauma) Hospitals: 77 facilities, 45.0% of data
For Transfer Patients:

<table>
<thead>
<tr>
<th>For Transfer Patients:</th>
<th>All Transfer Patients</th>
<th>Critical*</th>
<th>Physiological Critical**</th>
<th>ISS Critical***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Patients</td>
<td>852</td>
<td>308</td>
<td>232</td>
<td>105</td>
</tr>
<tr>
<td>EMS Notified to Scene</td>
<td>8.2 minutes</td>
<td>8.02 minutes</td>
<td>7.4 minutes</td>
<td>8.6 minutes</td>
</tr>
<tr>
<td>EMS Scene Arrival to Departure</td>
<td>16.5 minutes</td>
<td>15.7 minutes</td>
<td>14.9 minutes</td>
<td>16.7 minutes</td>
</tr>
<tr>
<td>EMS Scene Departure to Initial Hospital ED Arrival</td>
<td>18.1 minutes</td>
<td>15.9 minutes</td>
<td>16.2 minutes</td>
<td>16.8 minutes</td>
</tr>
<tr>
<td>Initial Hospital ED Arrival to Departure</td>
<td>2 hours 2 minutes</td>
<td>1 hour 57 minutes</td>
<td>1 hour 52.8 minutes</td>
<td>2 hour</td>
</tr>
<tr>
<td>Initial Hospital ED Departure to Final Hospital ED Arrival</td>
<td>2 hours 3.9 minutes</td>
<td>1 hour 57 minutes</td>
<td>2 hours 2.7 minutes</td>
<td>1 hour 47.4 minutes</td>
</tr>
<tr>
<td>TOTAL TIME</td>
<td>4 hours 48.6 minutes</td>
<td>4 hours 33.6 minutes</td>
<td>4 hours 33.9 minutes</td>
<td>4 hours 29.4 minutes</td>
</tr>
</tbody>
</table>

*Critical patient is defined as having a GCS ≤ 12, OR Shock Index > 0.9 OR ISS >15 at the initial hospital.
**Physiological Critical Transfer patient is defined as having a Shock Index > 0.9 OR GCS ≤ 12 at the initial hospital.
***ISS Critical Transfer patient is defined as having an ISS > 15 at the initial hospital.
Indiana Trauma Registry

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For Transfer Patients:

<table>
<thead>
<tr>
<th>Public Health Preparedness District Initial Hospital</th>
<th>Public Health Preparedness District Final Hospital</th>
<th>Incident Counts</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>17</td>
</tr>
<tr>
<td>1</td>
<td>5</td>
<td>16</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>160</td>
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<tr>
<td>3</td>
<td>5</td>
<td>1</td>
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<td>4</td>
<td>3</td>
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<tr>
<td>4</td>
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<td>4</td>
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<tr>
<td>4</td>
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<td>30</td>
</tr>
<tr>
<td>5</td>
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<tr>
<td>6</td>
<td>3</td>
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<td>6</td>
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<td>51</td>
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<td>7</td>
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<td>8</td>
<td>5</td>
<td>49</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>8</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>9</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>5</td>
<td>14</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>67</td>
</tr>
</tbody>
</table>

*The thickness of the line indicates the frequency of transfers out of or within the public health preparedness district. The circles represent transfers from a specific PHPD, not of a specific hospital or county.
### For Transfer Patients:

<table>
<thead>
<tr>
<th></th>
<th>All Transfer Patients</th>
<th>Critical*</th>
<th>Physiological Critical**</th>
<th>ISS Critical***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Patients</td>
<td>852</td>
<td>308</td>
<td>232</td>
<td>105</td>
</tr>
<tr>
<td>Total Time</td>
<td>4 hours</td>
<td>4 hours</td>
<td>4 hours</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>48.6 minutes</td>
<td>33.6 minutes</td>
<td>33.9 minutes</td>
<td>29.4 minutes</td>
</tr>
<tr>
<td>Total Mileage</td>
<td>53.2</td>
<td>56.7</td>
<td>58.6</td>
<td>55.8</td>
</tr>
<tr>
<td>Injury Scene to Initial Hospital Mileage***</td>
<td>7.8</td>
<td>7.3</td>
<td>7.7</td>
<td>7.4</td>
</tr>
<tr>
<td>Initial Facility to Final Facility Mileage</td>
<td>45.4</td>
<td>49.4</td>
<td>50.8</td>
<td>48.4</td>
</tr>
</tbody>
</table>

### Estimated Average Distance (miles) by Region (region of final hospital):

<table>
<thead>
<tr>
<th>Region</th>
<th>Injury Scene to Initial Facility Mileage†</th>
<th>Initial Facility to Final Facility Mileage</th>
<th>Total Mileage</th>
<th>Drive Count</th>
<th>Air Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indiana Average</td>
<td>7.8</td>
<td>45.4</td>
<td>53.2</td>
<td>823</td>
<td>29</td>
</tr>
<tr>
<td>North Region</td>
<td>7</td>
<td>27.6</td>
<td>34.6</td>
<td>198</td>
<td>5</td>
</tr>
<tr>
<td>Central Region</td>
<td>7</td>
<td>55</td>
<td>63</td>
<td>482</td>
<td>24</td>
</tr>
<tr>
<td>South Region</td>
<td>8.4</td>
<td>36.3</td>
<td>44.7</td>
<td>143</td>
<td>0</td>
</tr>
</tbody>
</table>

*Critical patient is defined as having a GCS ≤ 12, OR Shock Index > 0.9 OR ISS >15 at the initial hospital.

**Physiological Critical Transfer patient is defined as having a Shock Index > 0.9 OR GCS ≤ 12 at the initial hospital.

*** ISS Critical Transfer patient is defined as ISS > 15 at the initial hospital.

†Injury Scene to Initial Facility Mileage location estimated by zip code centroid

Statistics for Estimated Average Distance by Region calculated by Public Health Geographics, Epidemiology Resource Center, ISDH
Indiana Trauma Registry

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Patient Age Groupings

Patient Gender

Injury Severity Score (ISS)
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
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Transport Mode– Final Hospital

ED Disposition by Percentage- Final Hospital

<1% Transport Mode: Police, Other
* Indicates Private/ Public Vehicle, Walk-in

ED Length of Stay (hours)- Final Hospital

ICU Length of Stay (days)- Final Hospital

100 Total Hospitals Reporting
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Discharge Disposition—Final Hospital

Helicopter Transfers by ISS—Final Hospital

<1%: Acute care, AMA, another inst. Correctional, long-term care, hospice, psych hospital, no hospital stay

Transfer Delay Indicated—Initial Hospital

Initial Facility Transfer Delay Reason

<1%: Receiving hospital radiology, missing
Indiana Trauma Registry

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Hospital that did not report during Q2 2017:
- Decatur County Memorial
- Fayette Regional Health
- Franciscan Health Crown Point
- Franciscan Health Dyer
- Franciscan Health Hammond
- Franciscan Health Indianapolis
- Franciscan Health Munster
- Harrison County
- Goshen Health Hospital
- Starke Hospital
- Major Hospital
- Perry County Memorial
- Pulaski Memorial
- Riverview Health
- Rush Memorial
- St. Mary Medical Center—Hobart
- St. Vincent Randolph
- Sullivan County Community
- Woodlawn Hospital
Indiana State Department of Health
Indiana Trauma Registry

Hospitals Reporting Trauma Data Quarter 2
April 1, 2017 - June 30, 2017

**Level I and II Trauma Centers**
- Deaconess Hospital
- Eskenazi Health
- IU Health Methodist Hospital
- Lutheran Hospital of Indiana
- Memorial Hospital of South Bend
- Parkview Regional Medical Center
- Riley Hospital for Children at IU Health
- St Mary's Medical Center of Evansville
- St Vincent Indianapolis Hospital & Health Services
- Terre Haute Regional Hospital

**Level III Trauma Centers**
- Community Hospital of Anderson & Madison Co.
- Franciscan St Anthony Health - Crown Point
- Franciscan St Elizabeth Health - Lafayette East
- Good Samaritan Hospital
- IU Health Arnett Hospital
- IU Health Ball Memorial Hospital
- IU Health Bloomington Hospital
- Memorial Hospital and Health Care Center
- Methodist Hospitals - Northlake Campus
- Reid Hospital & Health Care Services
- St Vincent Anderson
- Union Hospital Terre Haute

**Non-Trauma Hospitals**
- 79 Non-Trauma Hospitals

Hospital categories include Verified and "In the Process" Trauma Centers as of March 31, 2017.
Requests and Changes to the Report from Trauma Care Committee members at the February 2017 ISTCC meeting:

General Report:
- ED LOS is calculated using ED Acute Care Admission Date/Time and ED Acute Care Discharge Date/Time (Orders Written)
- Hospital LOS is calculated using Hospital Admission Date/Time and Hospital Discharge Date/Time (Orders Written)
- Trauma type and probability of survival will not be included in the statewide report until the CDC finalizes their guidelines on how to categorize those variables.
- Pages 45-51 have caterpillar plots with the ED LOS for critical transfer patients.
- Signs of Life: The two field values for this variable are: 1) Arrived with no signs of life, 2) Arrived with signs of life. A patient with no signs of life is defined as having none of the following: organized EKG activity, pupillary responses, spontaneous respiratory attempts or movement, and unassisted blood pressure. This usually implies the patient was brought to the ED with CPR in progress.

Example Bar and Whisker Plot:
- Bar and whisker plots were requested at the November 2013 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 to the right, 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.
Supplemental Report

The Supplemental Report (pages 19-55) contains demographic information, data that stays nearly constant from quarter to quarter, and reference tables and maps.

Definitions:
Emergency Department Length of Stay (ED LOS): The time from ED Admission to ED Discharge (Physical Exit). This changed to time from ED Admission to ED Discharge (Orders Written) beginning with Quarter 3 2016 data (July 1, 2016—September 30, 2016). There is a 120 minute performance improvement filter that is tracked for various hospital groups.
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.
External Cause of Injury: ICD-10-CM codes that are used to describe the mechanism or external factor that caused the injury event.
Injury Severity Score: An anatomical scoring system defined as the sum of the three highest squared maximum Abbreviated Injury Scale (AIS) values to account for multiple injuries in the six body regions.
Signs of Life: The two field values for this variable are: 1) Arrived with no signs of life, 2) Arrived with signs of life. A patient with no signs of life is defined as having none of the following: organized EKG activity, pupillary responses, spontaneous respiratory attempts or movement, and unassisted blood pressure. This usually implies the patient was brought to the ED with CPR in progress.

Acronyms:
- 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
- CAHs: Critical Access Hospital

Calculations:
- \( Ps = \frac{1}{1+e^{-b}} \) where \( b = b_0 + b_1 \text{RTS} + b_2 \text{ISS} + b_3 \text{Age Index} \)
- Total GCS = Verbal GCS + Motor GCS + Eye GCS
- RTS = 0.94\text{GCS} + 0.73\text{SBP} + 0.29\text{RR}
- ISS = (AIS)^2 + (AIS)^2 + (AIS)^2
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ED LOS ≥ 12 Hours

<table>
<thead>
<tr>
<th>Hour</th>
<th>Count</th>
<th>Hour</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>12th</td>
<td>9</td>
<td>24th</td>
<td>8</td>
</tr>
<tr>
<td>13th</td>
<td>13</td>
<td>25th</td>
<td>1</td>
</tr>
<tr>
<td>14th</td>
<td>6</td>
<td>26th</td>
<td>2</td>
</tr>
<tr>
<td>15th</td>
<td>9</td>
<td>27th</td>
<td>6</td>
</tr>
<tr>
<td>16th</td>
<td>6</td>
<td>28th</td>
<td>2</td>
</tr>
<tr>
<td>17th</td>
<td>8</td>
<td>29th</td>
<td>2</td>
</tr>
<tr>
<td>18th</td>
<td>8</td>
<td>30th</td>
<td>1</td>
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<td>19th</td>
<td>6</td>
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</tr>
<tr>
<td>20th</td>
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<td>32nd</td>
<td>0</td>
</tr>
<tr>
<td>21st</td>
<td>5</td>
<td>33rd</td>
<td>0</td>
</tr>
<tr>
<td>22nd</td>
<td>8</td>
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</tr>
<tr>
<td>23rd</td>
<td>5</td>
<td>35th</td>
<td>0</td>
</tr>
</tbody>
</table>

N=109
Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

*Black line represents the 120 minute performance improvement filter
**Blue line represents the state average

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

ED Disposition by ISS 1-15

ED Disposition by ISS 16-75

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data

ED Disposition <1%; Expired, AMA; Home with services; Other (Jail, Mental Institution, etc.). Please note the difference in axis scale between the top and bottom graphs.

*A table with values for ED Disposition by ISS is found on page 54.
Indiana Trauma Registry

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Primary Payer Mix

ICU Length of Stay (Days)

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data
Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
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Hospital Length of Stay > 15 days, N=347

Primary Payer Mix

Hospital Disposition

Cause of Injury

Another Institution includes any other medical facility not defined in the other categories.

Cause of Injury is based on ICD-10-CM codes as of January 1, 2016. The categories for this variable include:

- Transport
- Falls
- Inanimate Mechanical Forces
- Animate Mechanical Forces
- Drowning
- Breathing
- Electricity/Radiation
- Smoke
- Heat
- Venom
- Forces of Nature
Indiana Trauma Registry

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There were 18 unknown ages.

Age Group | Indiana | Level I and II | Level III | NTC
--- | --- | --- | --- | ---
0-14 | 1065 | 601 | 116 | 348
15-24 | 961 | 531 | 140 | 290
25-34 | 939 | 533 | 123 | 283
35-44 | 788 | 398 | 143 | 247
45-54 | 968 | 472 | 142 | 354
55-64 | 1174 | 494 | 183 | 497
65-74 | 1271 | 448 | 190 | 633
75-84 | 1367 | 444 | 206 | 717
85+ | 1450 | 448 | 240 | 762
NK/NR | 7 | 0 | 0 | 7
Total | 9990 | 4369 | 1483 | 4138

Age Group | Indiana | Level I and II | Level III | NTC
--- | --- | --- | --- | ---
Pediatric (<18) | 1306 | 733 | 425 | 148
Adult | 4730 | 2358 | 1659 | 713
Older Adult (>65) | 3947 | 1278 | 2047 | 622
Total | 9983 | 4369 | 4131 | 1483
Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

**Patient Gender**

<table>
<thead>
<tr>
<th>Gender</th>
<th>Indiana</th>
<th>Level I and II</th>
<th>Level III</th>
<th>NTC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>5349</td>
<td>2609</td>
<td>769</td>
<td>1971</td>
</tr>
<tr>
<td>Female</td>
<td>4630</td>
<td>1760</td>
<td>714</td>
<td>2156</td>
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<tr>
<td>Unknown</td>
<td>11</td>
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<tr>
<td>Total</td>
<td>9990</td>
<td>4369</td>
<td>1483</td>
<td>4138</td>
</tr>
</tbody>
</table>

**Patient Race**

<table>
<thead>
<tr>
<th>Race</th>
<th>Indiana</th>
<th>Level I and II</th>
<th>Level III</th>
<th>NTC</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>8594</td>
<td>3665</td>
<td>1319</td>
<td>3610</td>
</tr>
<tr>
<td>Black or African American</td>
<td>811</td>
<td>551</td>
<td>131</td>
<td>199</td>
</tr>
<tr>
<td>Other</td>
<td>112</td>
<td>72</td>
<td>18</td>
<td>22</td>
</tr>
<tr>
<td>Not Known/Not Recorded</td>
<td>339</td>
<td>45</td>
<td>12</td>
<td>282</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>9</td>
<td>7</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Asian</td>
<td>50</td>
<td>26</td>
<td>3</td>
<td>21</td>
</tr>
<tr>
<td>Native Hawaiian or Pacific Islander</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>9920</td>
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<td>1483</td>
<td>4138</td>
</tr>
</tbody>
</table>

<1% Race - Asian, Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native
Indiana Trauma Registry

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April 1, 2017—June 30, 2017
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Injury Severity Score (ISS)

There were 26 and 28 cases in the 45-74 and 75+ categories, respectively

Transport Mode

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data

<table>
<thead>
<tr>
<th>ISS Category</th>
<th>Indiana</th>
<th>Level I and II</th>
<th>Level III</th>
<th>NTC</th>
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</thead>
<tbody>
<tr>
<td>1-8</td>
<td>4701</td>
<td>2007</td>
<td>744</td>
<td>1950</td>
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<tr>
<td>9-15</td>
<td>3661</td>
<td>1529</td>
<td>592</td>
<td>1540</td>
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<tr>
<td>16-24</td>
<td>694</td>
<td>466</td>
<td>76</td>
<td>152</td>
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<tr>
<td>25-44</td>
<td>458</td>
<td>300</td>
<td>52</td>
<td>106</td>
</tr>
<tr>
<td>45-74</td>
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<td>25</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>75</td>
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<tr>
<td>No ISS</td>
<td>416</td>
<td>19</td>
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<td>Total</td>
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<td>4369</td>
<td>1483</td>
<td>4138</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transport Mode</th>
<th>Indiana</th>
<th>Level I and II</th>
<th>Level III</th>
<th>NTC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground Ambulance</td>
<td>6807</td>
<td>3257</td>
<td>1079</td>
<td>2471</td>
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<tr>
<td>Helicopter</td>
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<td>95</td>
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<td>0</td>
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<tr>
<td>Private</td>
<td>2347</td>
<td>570</td>
<td>388</td>
<td>1389</td>
</tr>
<tr>
<td>NK/NR/NA</td>
<td>716</td>
<td>437</td>
<td>16</td>
<td>263</td>
</tr>
<tr>
<td>Police</td>
<td>25</td>
<td>10</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>9990</td>
<td>4369</td>
<td>1483</td>
<td>4138</td>
</tr>
</tbody>
</table>

<1% Transport Mode: Police, Other
* Indicates Private/Public Vehicle, Walk-in
Indiana Trauma Registry

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Cause of Injury


<table>
<thead>
<tr>
<th>Cause of Injury</th>
<th>Indiana</th>
<th>Level I and II</th>
<th>Level III</th>
<th>NTC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Falls</td>
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<td>1897</td>
<td>828</td>
<td>2587</td>
</tr>
<tr>
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<td>989</td>
<td>534</td>
<td>109</td>
<td>346</td>
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<tr>
<td>Transport</td>
<td>2653</td>
<td>1526</td>
<td>388</td>
<td>739</td>
</tr>
<tr>
<td>Inanimate Mech. Force</td>
<td>674</td>
<td>274</td>
<td>99</td>
<td>301</td>
</tr>
<tr>
<td>Animate Mech. Force</td>
<td>196</td>
<td>84</td>
<td>38</td>
<td>74</td>
</tr>
<tr>
<td>Smoke</td>
<td>66</td>
<td>34</td>
<td>10</td>
<td>22</td>
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<tr>
<td>Heat</td>
<td>35</td>
<td>8</td>
<td>7</td>
<td>20</td>
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<tr>
<td>Unspecified</td>
<td>31</td>
<td>1</td>
<td>3</td>
<td>27</td>
</tr>
<tr>
<td>Electric/Radiation</td>
<td>5</td>
<td>2</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Nature</td>
<td>2</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Overexertion</td>
<td>20</td>
<td>7</td>
<td>0</td>
<td>13</td>
</tr>
<tr>
<td>Total</td>
<td>9990</td>
<td>4369</td>
<td>1483</td>
<td>4138</td>
</tr>
</tbody>
</table>

100 Total Hospitals Reporting
- Level I and II: 10 facilities, 40.2% of data
- Level III: 12 facilities, 14.8% of data
- (Non-Trauma) Hospitals: 77 facilities, 45.0% of data
The purpose of the caterpillar graphs is to compare different groups to the average ED LOS. The Indiana mean is the comparison group, which is represented by the black line. The ED LOS for these graphs was modeled using time-to-event analysis. The purposes of using this analysis were to account for censoring (death) and to see how variables influence ED LOS. The outcome variable was ED LOS and the independent variables were total GCS and age. If total GCS was missing but manual total GCS was recorded, then the manual total GCS was used. These two variables were used because they were the most similar to variables used in the published, peer-reviewed literature on ED LOS. Both were significant in the model. Increasing total GCS and age led to a slightly shorter ED LOS. Hospitals that did not have enough incidents with total GCS or age could not be modeled.

In the chart on the left, note the trauma center average is above the mean and the non-trauma center is below the mean. The mean, 95% confidence limit and lower confidence limit are listed for each group.

In the chart on the right, the data is for the trauma centers. The trauma center average is in the first column on the left side. The information for each trauma center has been assigned a random number for confidentiality. The mean, 95% confidence limit and lower confidence limit are listed for each group.
All Patients

Level I and II Trauma Centers ED LOS (Hours)

<table>
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<tr>
<th>Levels I and II</th>
<th>ID 29</th>
<th>ID 67</th>
<th>ID 49</th>
<th>ID 61</th>
<th>ID 33</th>
<th>ID 97</th>
<th>ID 34</th>
<th>ID 85</th>
<th>ID 13</th>
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<tbody>
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<td>1.6</td>
<td>1.8</td>
<td>2.1</td>
<td>2.1</td>
<td>2.3</td>
<td>2.4</td>
<td>2.6</td>
<td>2.9</td>
</tr>
<tr>
<td>Mean</td>
<td>2.2</td>
<td>1.5</td>
<td>1.7</td>
<td>2.0</td>
<td>2.0</td>
<td>2.1</td>
<td>2.3</td>
<td>2.4</td>
<td>2.7</td>
</tr>
<tr>
<td>Lower CL</td>
<td>2.1</td>
<td>1.4</td>
<td>1.5</td>
<td>1.8</td>
<td>1.8</td>
<td>1.8</td>
<td>2.1</td>
<td>2.3</td>
<td>2.5</td>
</tr>
</tbody>
</table>

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents
# Indiana Trauma Registry

## Statewide Quarter 2 Data Report

April 1, 2017—June 30, 2017

9,990 Incidents

### 100 Total Hospitals Reporting

<table>
<thead>
<tr>
<th>Level</th>
<th>Facilities</th>
<th>Data Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level I and II</td>
<td>10</td>
<td>40.2%</td>
</tr>
<tr>
<td>Level III</td>
<td>12</td>
<td>14.8%</td>
</tr>
<tr>
<td>(Non-Trauma) Hospitals</td>
<td>77</td>
<td>45.0%</td>
</tr>
</tbody>
</table>

### All Patients

#### Level III Trauma Centers ED LOS (Hours)

![Graph showing Level III trauma centers ED LOS (Hours)]

<table>
<thead>
<tr>
<th>ID</th>
<th>Upper CL</th>
<th>Mean</th>
<th>Lower CL</th>
</tr>
</thead>
<tbody>
<tr>
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<td>2.4</td>
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<td>2.2</td>
</tr>
<tr>
<td>46</td>
<td>1.7</td>
<td>1.1</td>
<td>0.5</td>
</tr>
<tr>
<td>70</td>
<td>2.2</td>
<td>1.9</td>
<td>1.7</td>
</tr>
<tr>
<td>97</td>
<td>2.7</td>
<td>2</td>
<td>1.3</td>
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<tr>
<td>103</td>
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<td>1.1</td>
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<td>115</td>
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<td>104</td>
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<td>2.2</td>
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</tbody>
</table>
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

All Patients
Non-trauma Centers ED LOS (Hours)

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data
### Non-Trauma Centers-
#### Average ED LOS (Hours)

<table>
<thead>
<tr>
<th>ID</th>
<th>Upper CL</th>
<th>Mean</th>
<th>Lower CL</th>
</tr>
</thead>
<tbody>
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<td>ID 17</td>
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<td>2.7</td>
<td>2.6</td>
</tr>
<tr>
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<td>0.7</td>
<td>0.7</td>
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<td>1.2</td>
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</tr>
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<td>1.7</td>
<td>0.8</td>
</tr>
<tr>
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<td>1.7</td>
<td>1.1</td>
</tr>
<tr>
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<td>1.7</td>
<td>0.6</td>
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<tr>
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<td>1.8</td>
<td>0.9</td>
</tr>
<tr>
<td>ID 78</td>
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<td>1.8</td>
<td>1.5</td>
</tr>
<tr>
<td>ID 4</td>
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<td>1.9</td>
<td>0.7</td>
</tr>
<tr>
<td>ID 103</td>
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<tr>
<td>ID 47</td>
<td>3.0</td>
<td>2.1</td>
<td>1.1</td>
</tr>
</tbody>
</table>

#### Upper CL
- ID 17: 2.8
- ID 104: 0.7
- ID 52: 1.2
- ID 93: 2.2
- ID 9: 1.6
- ID 46: 2.5
- ID 63: 2.7
- ID 80: 2.7
- ID 23: 2.7
- ID 78: 2.7
- ID 4: 3.1
- ID 103: 3.1
- ID 105: 2.4
- ID 16: 2.4
- ID 51: 2.4
- ID 14: 3.2
- ID 47: 3.0

#### Mean
- ID 17: 2.7
- ID 104: 0.7
- ID 52: 1.2
- ID 93: 2.2
- ID 9: 1.6
- ID 46: 1.7
- ID 63: 1.7
- ID 80: 1.7
- ID 23: 1.7
- ID 78: 1.7
- ID 4: 1.9
- ID 103: 1.9
- ID 105: 1.9
- ID 16: 2.0
- ID 51: 1.9
- ID 14: 2.1
- ID 47: 2.1

#### Lower CL
- ID 17: 2.6
- ID 104: 0.7
- ID 52: 1.2
- ID 93: 1.0
- ID 9: 0.9
- ID 46: 0.8
- ID 63: 1.1
- ID 80: 0.6
- ID 23: 0.9
- ID 78: 0.7
- ID 4: 1.4
- ID 103: 1.6
- ID 105: 1.6
- ID 16: 1.1
- ID 51: 1.1
- ID 14: 1.1
- ID 47: 1.1
Indiana Trauma Registry

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100 Total Hospitals Reporting
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(Non-Trauma) Hospitals: 77 facilities 45.0% of data

All Patients
Non-Trauma Centers-
Average ED LOS (Hours)

<table>
<thead>
<tr>
<th>Facility ID</th>
<th>Upper CL</th>
<th>Mean</th>
<th>Lower CL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTC</td>
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<td>2.6</td>
</tr>
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Hours

0 0.5 1 1.5 2 2.5 3 3.5 4
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
Level III: 12 facilities 14.8% of data
(Non-Trauma) Hospitals: 77 facilities 45.0% of data

All Patients
Non-Trauma Centers-
Average ED LOS (Hours)

Upper CL
2.8 3.8 3.2 3.1 3.1 3.5 3.1 4.2 4.1 3.3 3.1 3.5 4.4 3.8 4.6 3.7 3.7 5.1
Lower CL
2.6 1.5 2.2 2.2 2.5 2.3 2.6 1.6 1.8 2.6 2.6 2.5 2 2.7 2 3 3 1.4

Mean
2.7 2.7 2.7 2.7 2.8 2.9 2.9 2.9 3 3 3 3.2 3.3 3.3 3.3 3.3 3.3

Hours
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

All Patients
Non-Trauma Centers-
Average ED LOS (Hours)

100 Total Hospitals Reporting
Level I and II: 10 facilities 40.2% of data
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Hours

Upper CL
Lower CL
Mean

0
2
4
6
8
10
12
14

NTC ID 60 ID 109 ID 107 ID 110 ID 38 ID 100 ID 117 ID 84 ID 27 ID 114 ID 1 ID 90 ID 94 ID 118
Upper CL 2.8 5.1 4.1 3.8 4.9 4.7 5.5 5.4 4.5 4.2 7 4.9 12 13.2 6.4
Lower CL 2.6 1.7 2.7 3.3 2.1 2.5 1.7 1.7 2.9 3.4 0.6 3.6 0 0 6.4
Mean 2.7 3.4 3.4 3.5 3.5 3.6 3.6 3.7 3.8 3.8 4.3 5.1 6.4 6.4
Indiana Trauma Registry

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(Non-Trauma) Hospitals: 77 facilities 45.0% of data

ED Disposition = Transferred

Average ED LOS (Hours)

<table>
<thead>
<tr>
<th>Hours</th>
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Upper CL 2.3 2.3 2.0 2.5
Mean 2.2 2.0 1.9 2.3
Lower CL 2.1 1.7 1.7 2.2

Indiana Levels I and II Level III Non-Trauma Centers
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

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ED Disposition = Transferred
Level I and II Trauma Centers- Average ED LOS (Hours)
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

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Level III Trauma Centers- Average ED LOS (Hours)
Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

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Non-Trauma Centers
Average ED LOS (Hours)
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

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Level I and II: 10 facilities  40.2% of data
Level III: 12 facilities  14.8% of data
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ED Disposition=Transferred
Non-Trauma Centers
Average ED LOS (Hours)
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

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ED Disposition = Transferred
Non-Trauma Centers
Average ED LOS (Hours)

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</table>
Indiana Trauma Registry

**Statewide Quarter 2 Data Report**
April 1, 2017—June 30, 2017
9,990 Incidents

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**ED Disposition = Transferred**
Non-Trauma Centers
Average ED LOS (Hours)

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Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

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**ED Disposition = Transferred**
Non-Trauma Centers
Average ED LOS (Hours)

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<th>ID 84</th>
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Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

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Critical Patients, ED Disposition = Transferred
Average ED LOS (Hours)
Indiana Trauma Registry

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9,990 Incidents

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Critical Patients, ED Disposition = Transferred
Level I and II Trauma Centers - Average ED LOS (Hours)

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<td>4.6</td>
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<tr>
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<tr>
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Critical Patients, ED Disposition = Transferred

Level III Trauma Centers - Average ED LOS (Hours)
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

Critical Patients, ED Disposition = Transferred
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Non-Trauma Centers - Average ED LOS (Hours)

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Non-Trauma Centers - Average ED LOS (Hours)
# Indiana Trauma Registry

## Statewide Quarter 2 Data Report

**April 1, 2017—June 30, 2017**

- 9,990 Incidents

**100 Total Hospitals Reporting**

- Level I and II: 10 facilities (40.2% of data)
- Level III: 12 facilities (14.8% of data)
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---

### ED Length of Stay

<table>
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<th>ED Length of Stay (minutes)</th>
<th>Indiana Average</th>
<th>Level I and II</th>
<th>Level III</th>
<th>NTC</th>
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</thead>
<tbody>
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<td>8257</td>
<td>3742</td>
<td>1181</td>
<td>3334</td>
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<td><strong>Average</strong></td>
<td>157</td>
<td>149</td>
<td>151</td>
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<tr>
<td><strong>Std. Deviation</strong></td>
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<tr>
<td><strong>Minimum</strong></td>
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<tr>
<td><strong>Quartile 1</strong></td>
<td>72</td>
<td>56</td>
<td>81</td>
<td>90</td>
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<tr>
<td><strong>Median</strong></td>
<td>125</td>
<td>109</td>
<td>127</td>
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<tr>
<td><strong>Quartile 3</strong></td>
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<td>186</td>
<td>191</td>
<td>209</td>
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<td><strong>Maximum</strong></td>
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<td>1352</td>
<td>1821</td>
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### ED Disposition

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<th>ED Disposition (count)</th>
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<tr>
<td>Floor Bed</td>
</tr>
<tr>
<td>ICU</td>
</tr>
<tr>
<td>Transferred</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>Home w/o Services</td>
</tr>
<tr>
<td>Observation</td>
</tr>
<tr>
<td>Step-Down</td>
</tr>
<tr>
<td>Expired</td>
</tr>
<tr>
<td>NK/NR/NA</td>
</tr>
<tr>
<td>AMA</td>
</tr>
<tr>
<td>Home w/ Services</td>
</tr>
<tr>
<td>Other</td>
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<tr>
<td><strong>Grand total</strong></td>
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*A bar graph of ED Disposition is found on page 2.*

*A bar graph of ED Length of Stay is found on page 2.*
## ED Length of Stay by ISS

<table>
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<tr>
<th>ISS Category</th>
<th>Indiana Average</th>
<th>Indiana Average</th>
<th>Level I and II</th>
<th>Level I and II</th>
<th>Level III</th>
<th>Level III</th>
<th>Non-Trauma Centers</th>
<th>Non-Trauma Centers</th>
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<tbody>
<tr>
<td>Count</td>
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<td>Count</td>
<td>Minutes</td>
<td>Count</td>
<td>Minutes</td>
<td>Count</td>
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<tr>
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<td>1668</td>
<td>175</td>
<td>620</td>
<td>163</td>
<td>1624</td>
<td>180</td>
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<tr>
<td>9-15</td>
<td>3141</td>
<td>151</td>
<td>1376</td>
<td>145</td>
<td>455</td>
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<tr>
<td>16-24</td>
<td>629</td>
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<td>117</td>
<td>55</td>
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<td>100</td>
<td>279</td>
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<td>75</td>
<td>23</td>
<td>41</td>
<td>27</td>
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<td>71</td>
<td>13</td>
<td>119</td>
<td>213</td>
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</table>

*A Box and Whisker plot of ED Length of Stay by ISS is found on page 5.*
### ED Disposition (count) by ISS Category

<table>
<thead>
<tr>
<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>
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<tr>
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<td>460</td>
<td>423</td>
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*Bar graph of ED Disposition by ISS is found on page 22.*
Indiana Trauma Registry

Statewide Quarter 2 Data Report
April 1, 2017—June 30, 2017
9,990 Incidents

100 Total Hospitals Reporting
- Level I and II: 10 facilities 40.2% of data
- Level III: 12 facilities 14.8% of data
- (Non-Trauma) Hospitals: 77 facilities 45.0% of data

General Report:
- The caterpillar plots with the anonymous ID’s for all patients per hospital may be found on pages 30-36.
- The caterpillar plots with the anonymous ID’s for transferred patients per hospital may be found on pages 37-44.
- The caterpillar plots with the anonymous ID’s for critical transferred patients per hospital may be found on pages 45-51.
- Reference tables now accompany the graphs for demographic data on pages 25-28 and 52-54.