

Indiana Trauma Registry Pre-hospital Data Report

Report for September 2014

This report from the Indiana State Department of Health (ISDH) EMS registry includes 200,912 runs from 136 pre-hospital providers during the time frame from September 22, 2013 through September 21, 2014. This report also focuses on several sub-populations in this time frame:

1. 10,417 chest pain incidents where chest pain was the complaint reported by dispatch or the provider's primary or secondary impression was chest pain/ discomfort.
2. 16,668 incidents where the 12 lead ECG procedure was performed.

Lastly, 23,250 incidents were reported to the ISDH Indiana Trauma Registry from the same time period (September 22, 2013 through September 21, 2014) and were included to provide data on the injury severity score (ISS) by public health preparedness district.

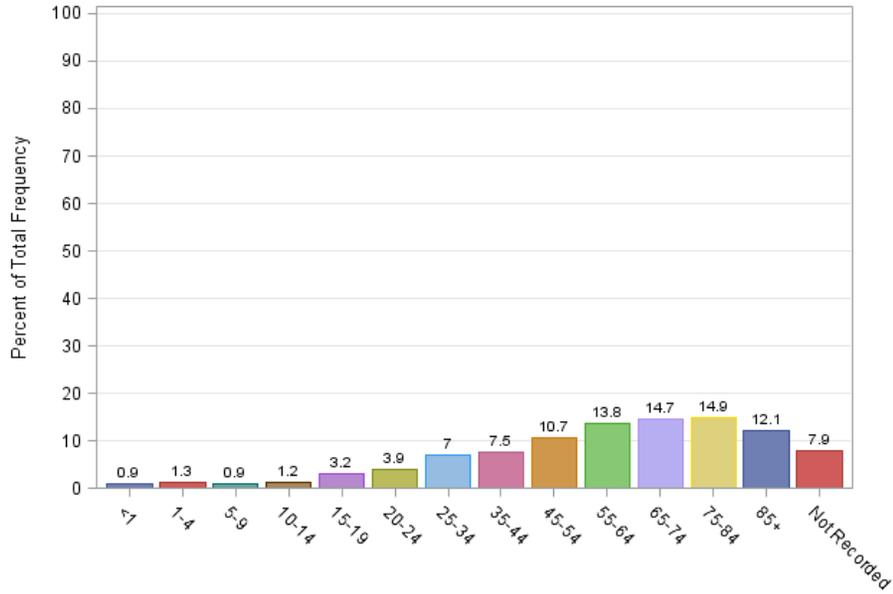
At a previous EMS Commission meeting, it was requested that prior aid data be provided, specifically to know if aspirin (ASA) was given before the EMS arrived on the scene in cases of chest pain. Additionally, it was requested that medical history of aspirin allergy be provided for incidents of chest pain. Approximately 0.44% of chest pain cases were reported to have allergies to aspirin (25 cases). Please note that the medication allergies data element is a National Emergency Medical Services Information System (NEMSIS) gold element which is not required by either the Indiana Department of Homeland Security (IDHS) or ISDH Pre-hospital registries.



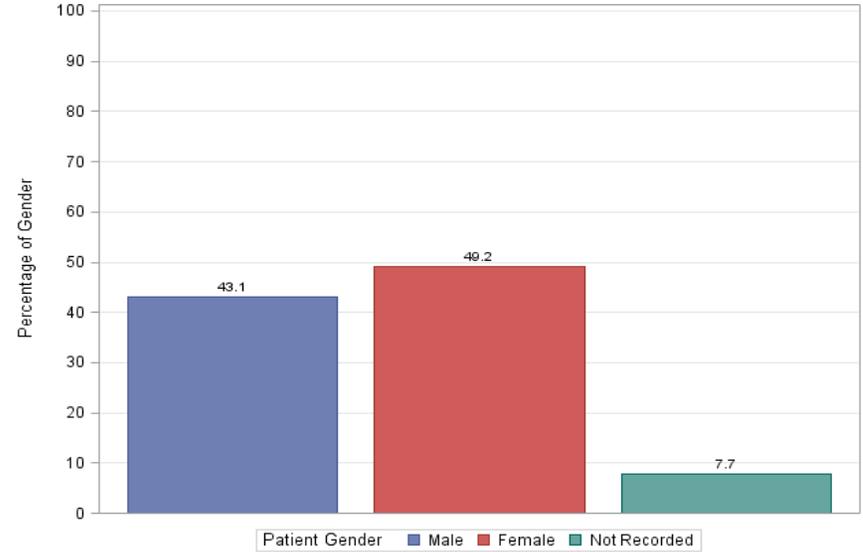
Indiana State
Department of Health

Indiana Trauma Registry Pre-Hospital Data Report 9/22/2013—9/21/2014 136 Total Providers Reporting 200,912 Incidents

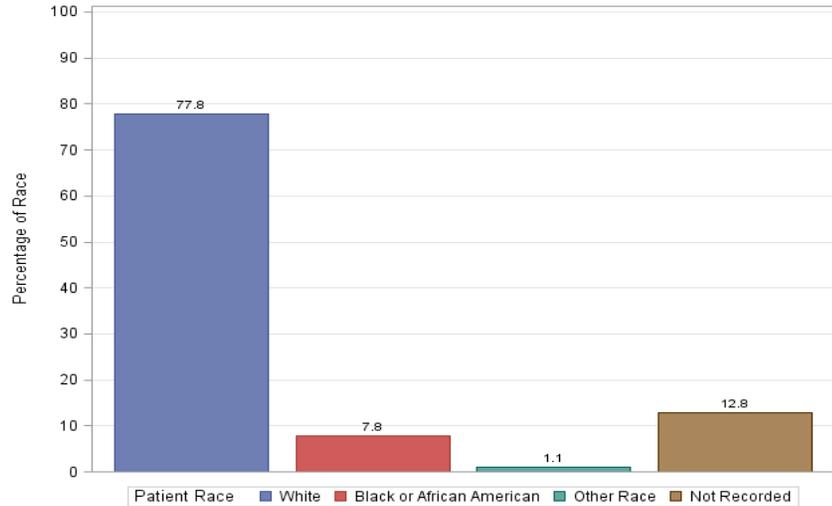
Patient Age



Patient Gender

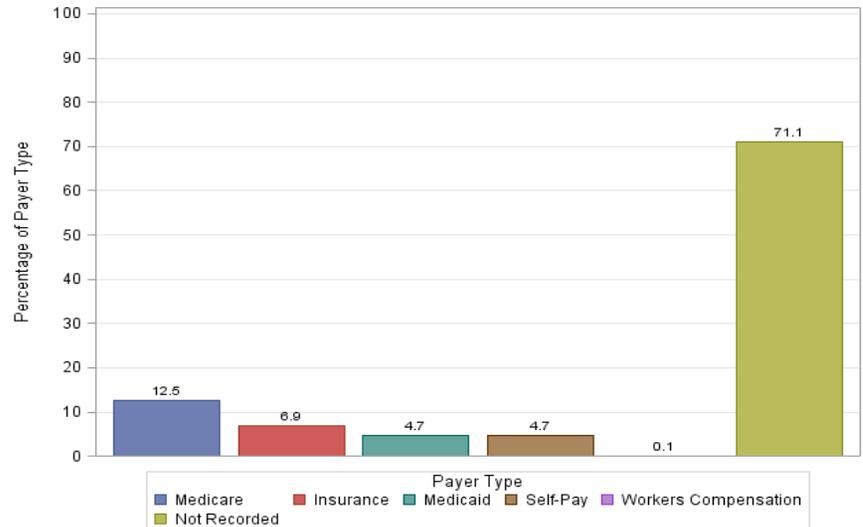


Patient Race

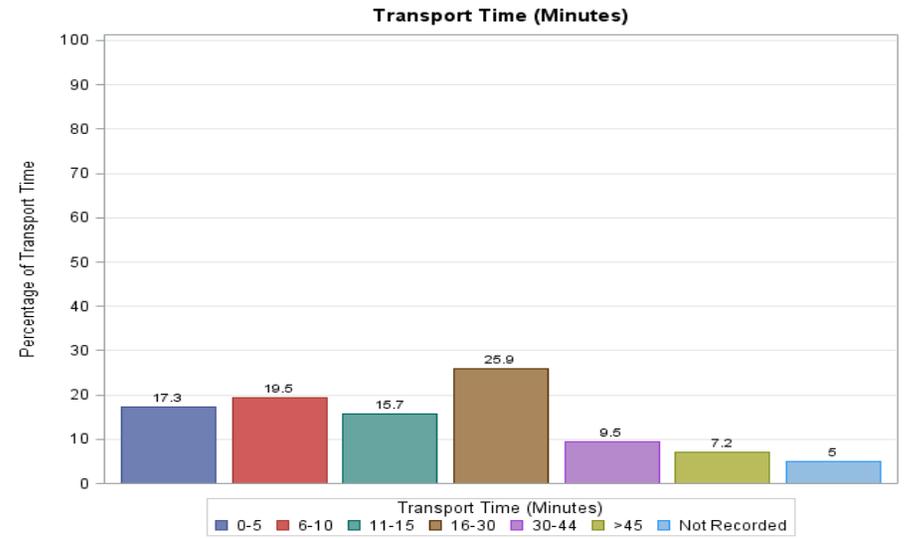
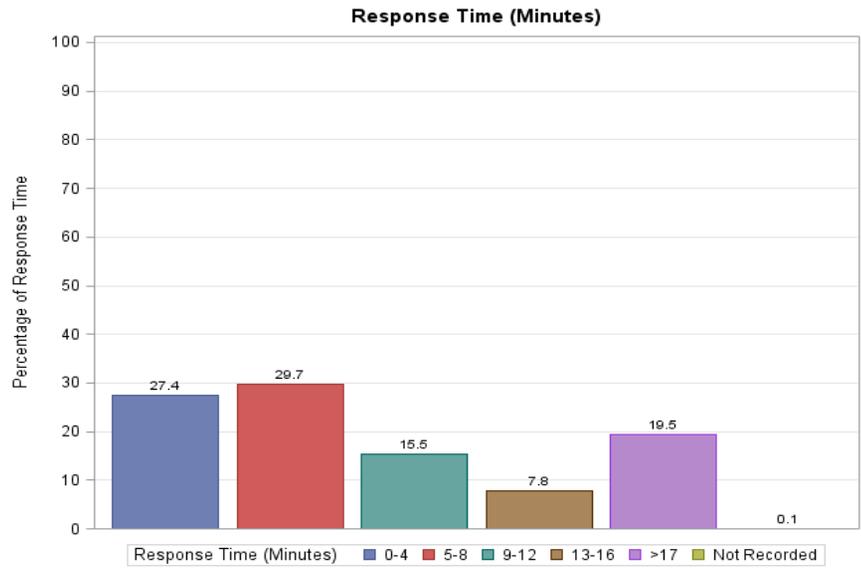
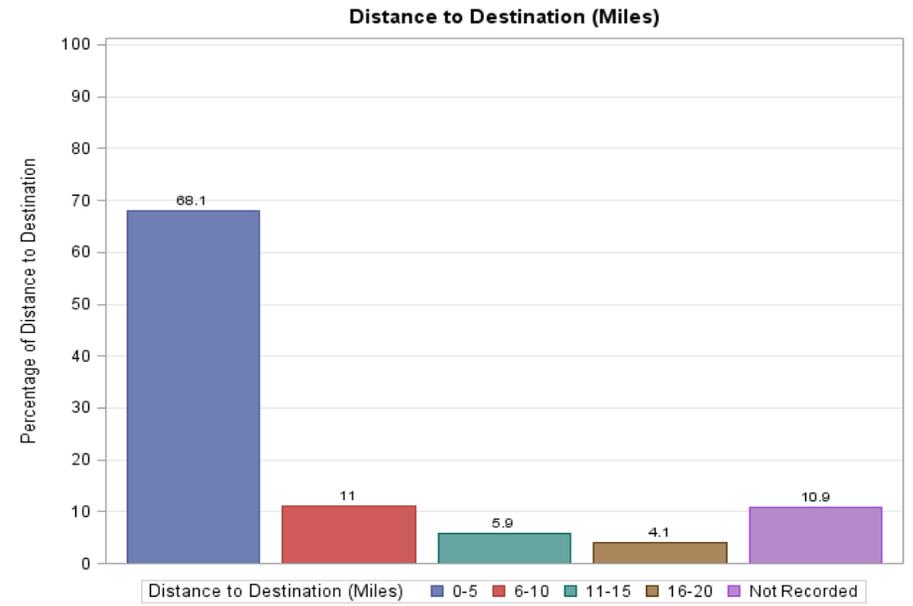
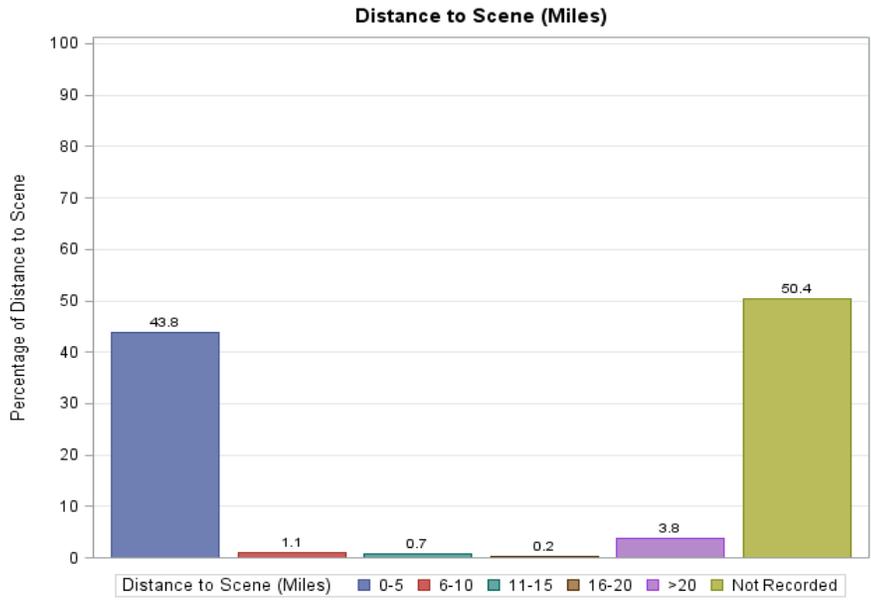


<1% Race: Asian, Native Hawaiian, American Indian/Alaskan Native

Payer Type



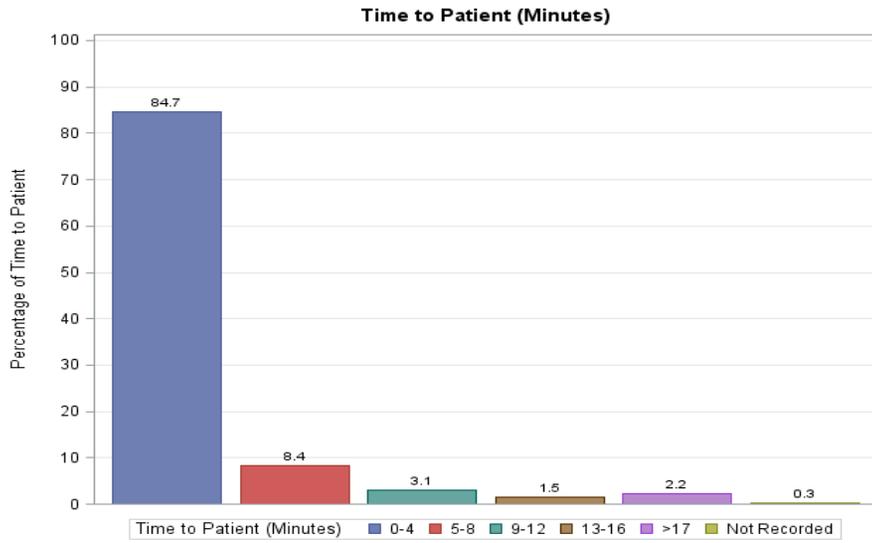
*Indiana Trauma Registry Pre-Hospital Data Report
9/22/2013—9/21/2014
136 Total Providers Reporting 200,912 Incidents*



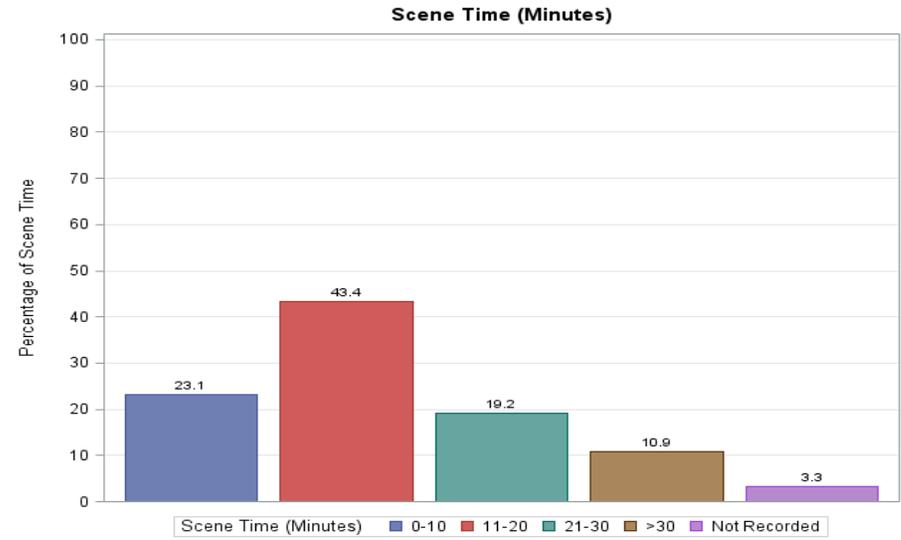
Response Time: Difference in Time from Dispatch to Arrival on Scene

Transport Time: Difference in Time from Departure from Scene to Arrival At Destination

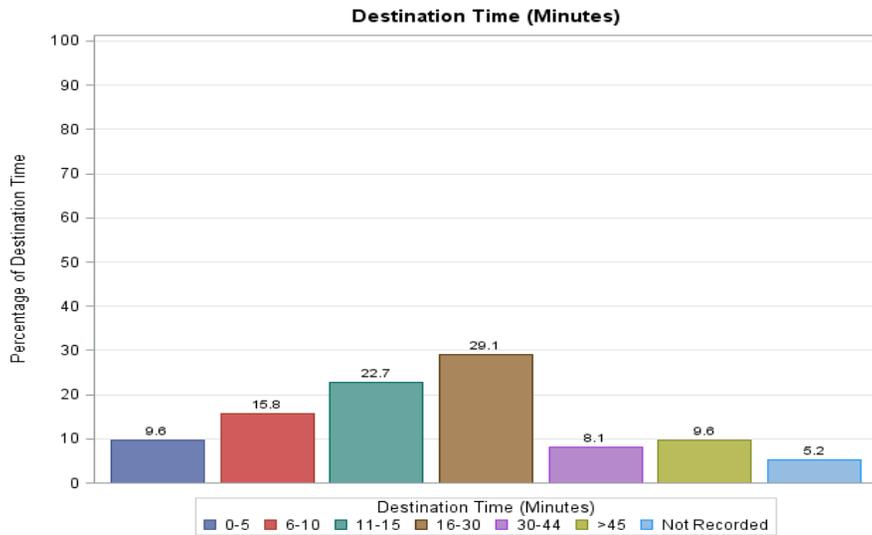
Indiana Trauma Registry Pre-Hospital Data Report 9/22/2013—9/21/2014 136 Total Providers Reporting 200,912 Incidents



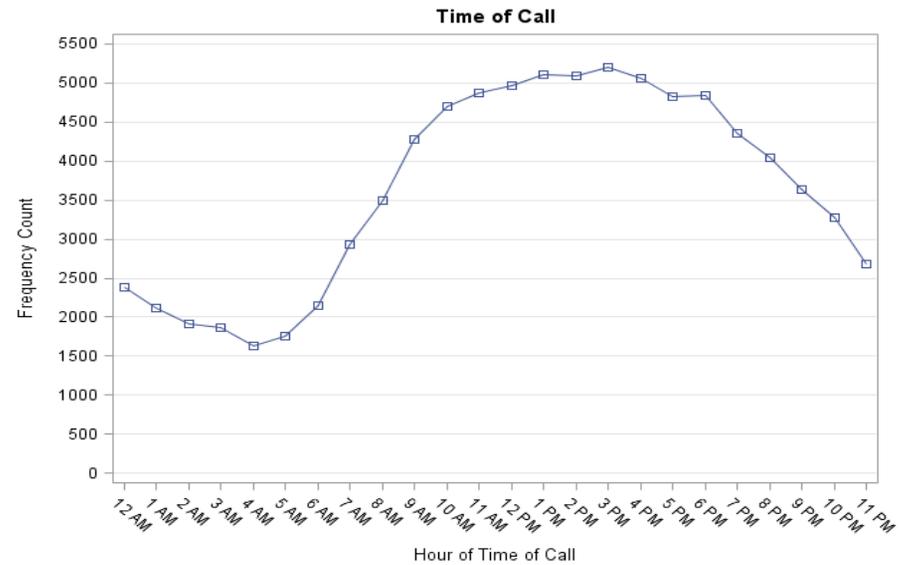
Time to Patient: Difference in Time from Arrival at Scene



Scene Time: Difference in Time from Arrival at Scene



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



Time of Call Not Recorded for 113,740 Incidents

*Indiana Trauma Registry Pre-Hospital Data Report
9/22/2013—9/21/2014
136 Total Providers Reporting 200,912 Incidents*

Average Run Mileage

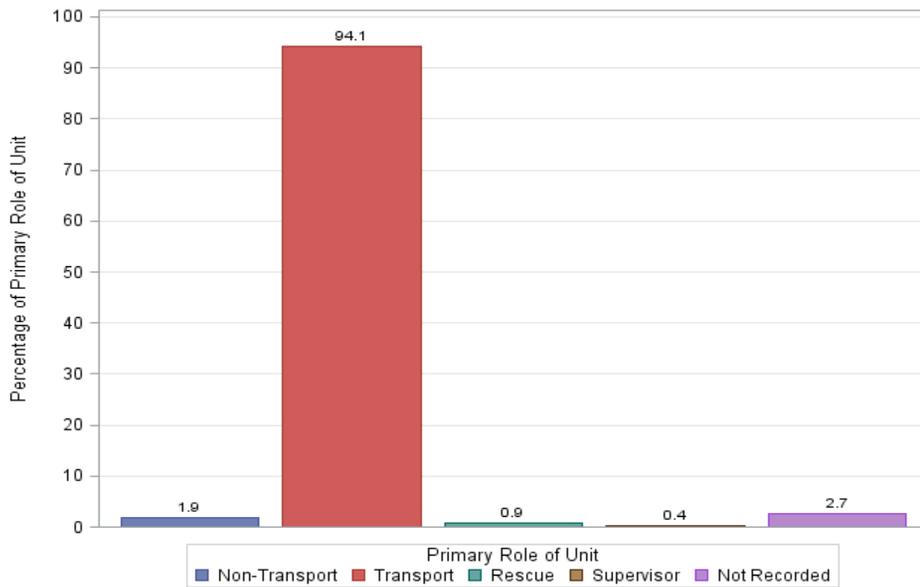
Obs	Destination	Miles
1	Mileage to Scene	4.0
2	Mileage to Destination	3.8
3	Mileage to Ending	2.4

Total Mileage 10.2

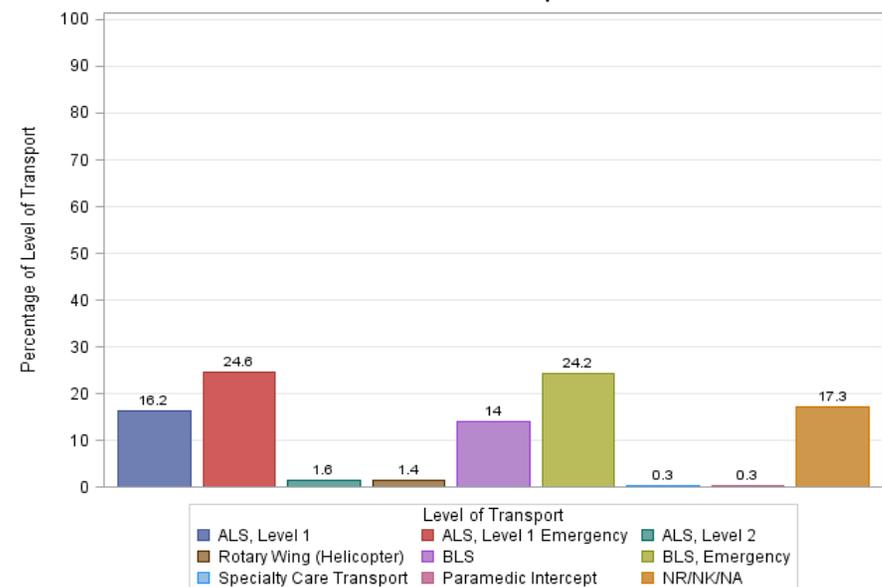
Average Run Time

Obs	Destination	Minutes
1	Time to Scene	11.96
2	Time to Patient	2.83
3	Time at Scene	18.34
4	Time to Destination	18.77
5	Back in Service	21.35
6	Total Run Time	67.89

Primary Role of Unit

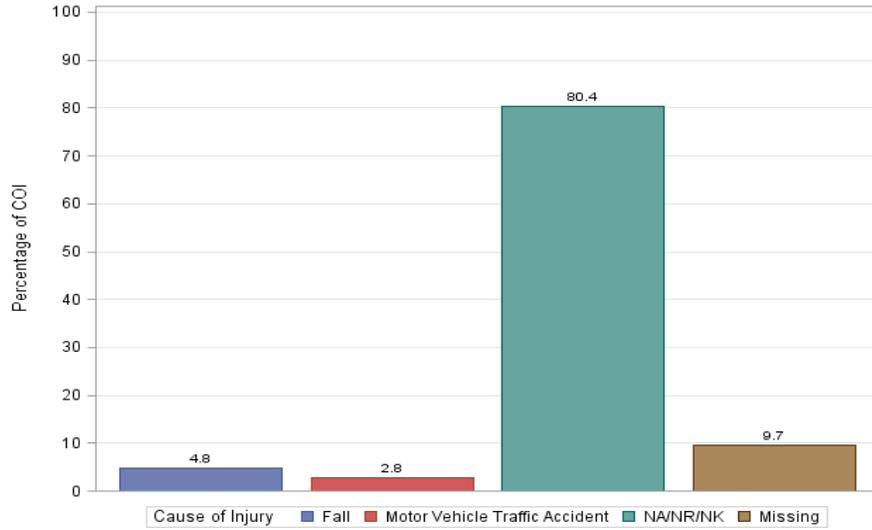


Level of Transport



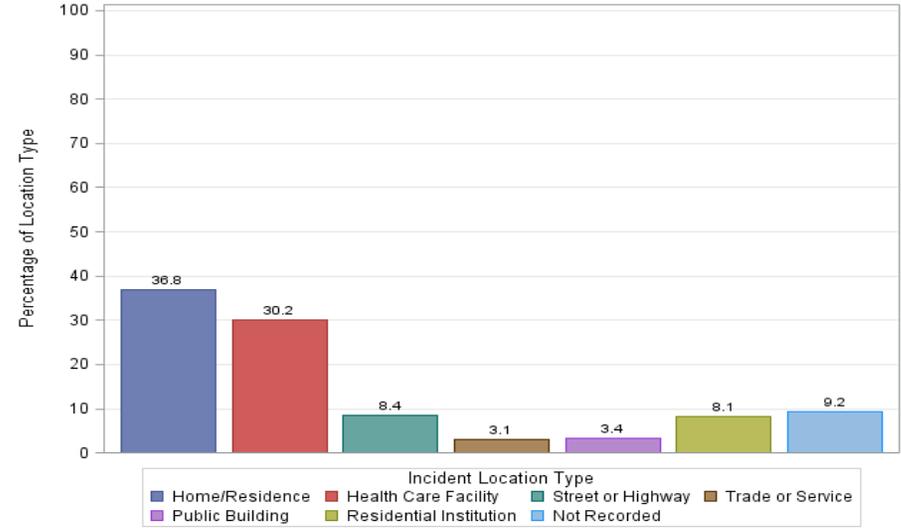
Indiana Trauma Registry Pre-Hospital Data Report 9/22/2013—9/21/2014 136 Total Providers Reporting 200,912 Incidents

Cause of Injury (COI)



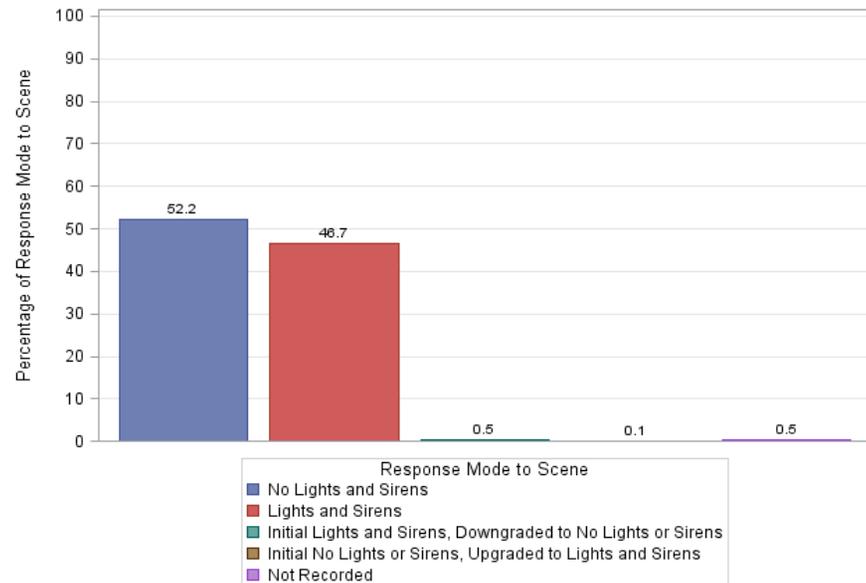
Cause of Injury <1.5% not listed (40 variables)

Incident Location Type

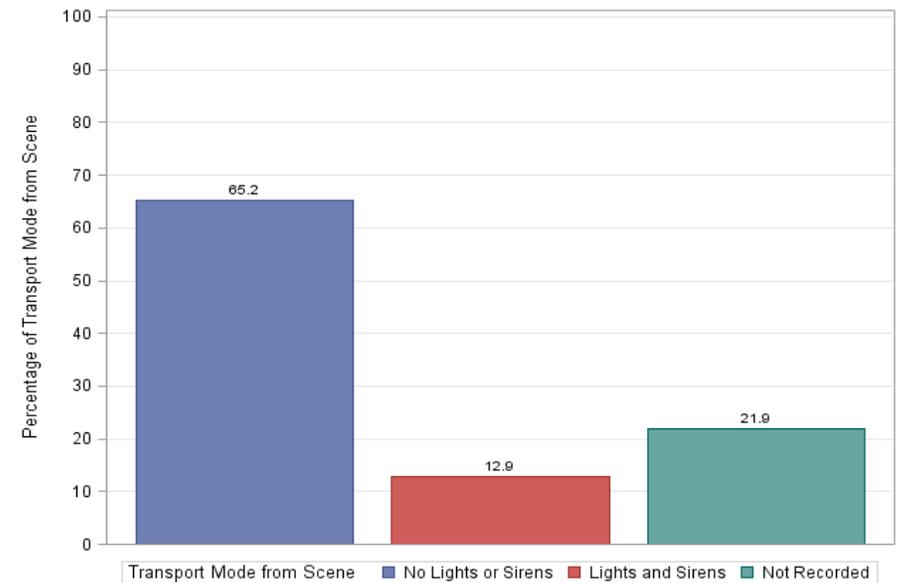


Incident Location Type <1% not listed (4 variables)

Response Mode to Scene

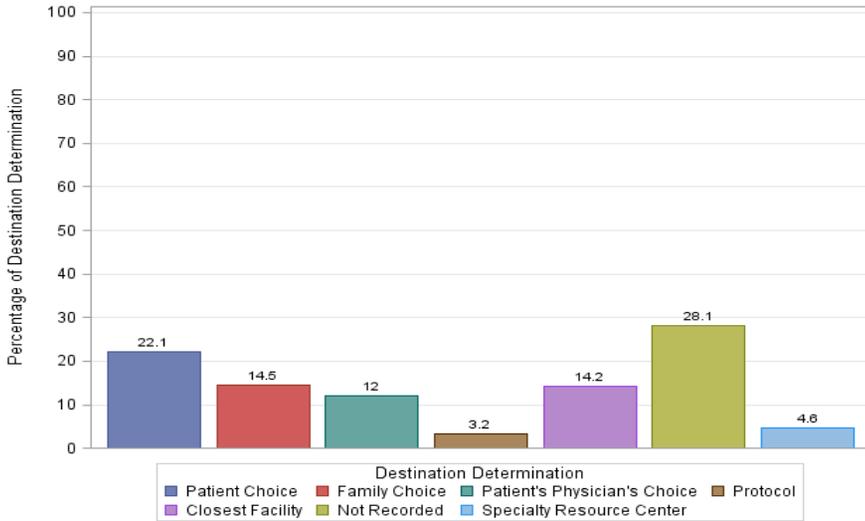


Transport Mode from Scene



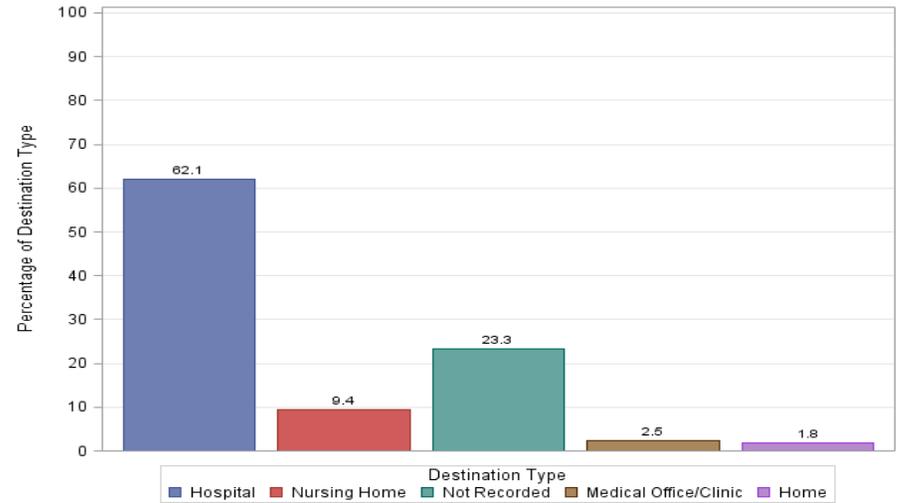
Indiana Trauma Registry Pre-Hospital Data Report 9/22/2013—9/21/2014 136 Total Providers Reporting 200,912 Incidents

Destination Determination



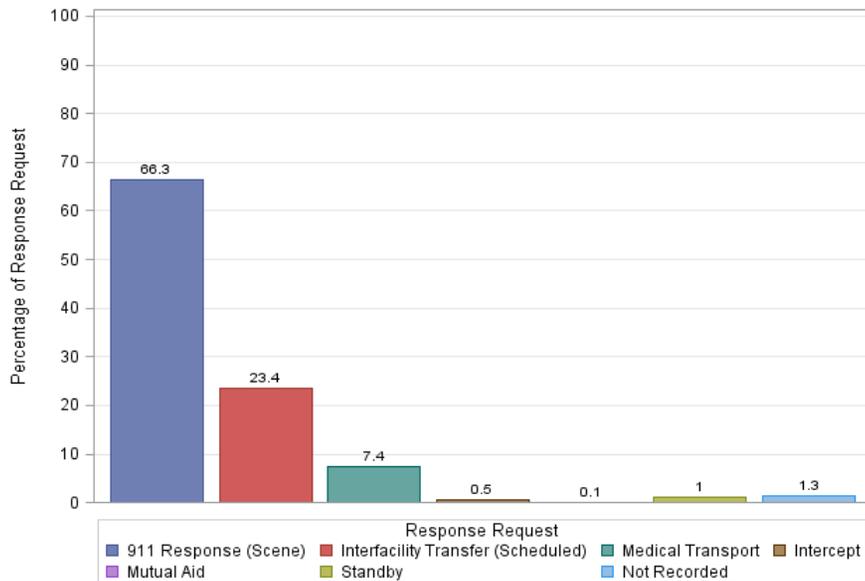
Destination Determinations <1% not listed (5 variables)

Destination Type

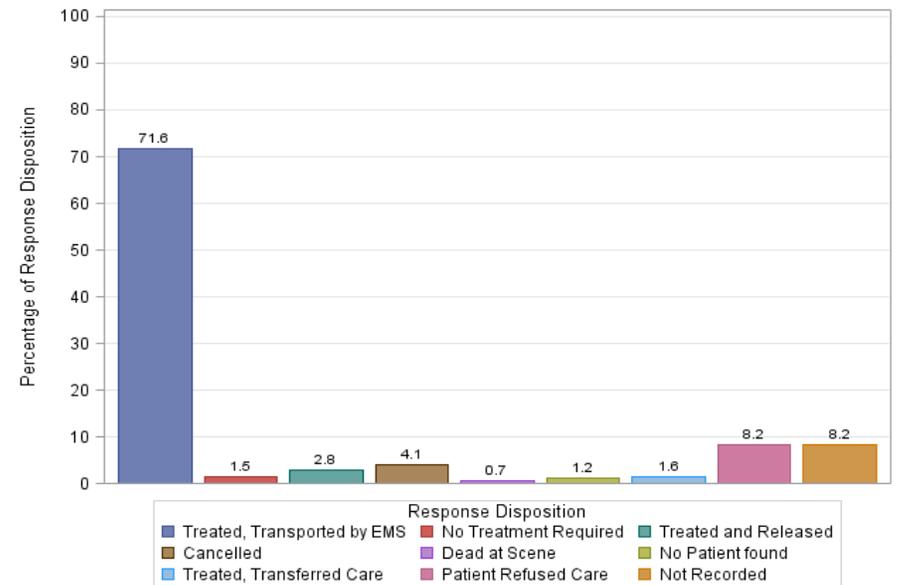


<1% Destination Type: EMS Responder (Ground), Other Morgue, Other EMS Responder (Air), Police/Jail

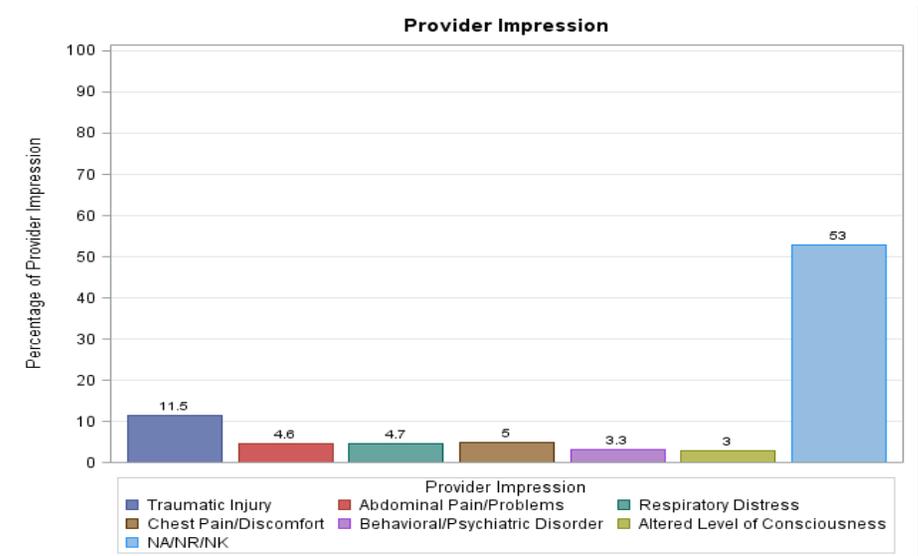
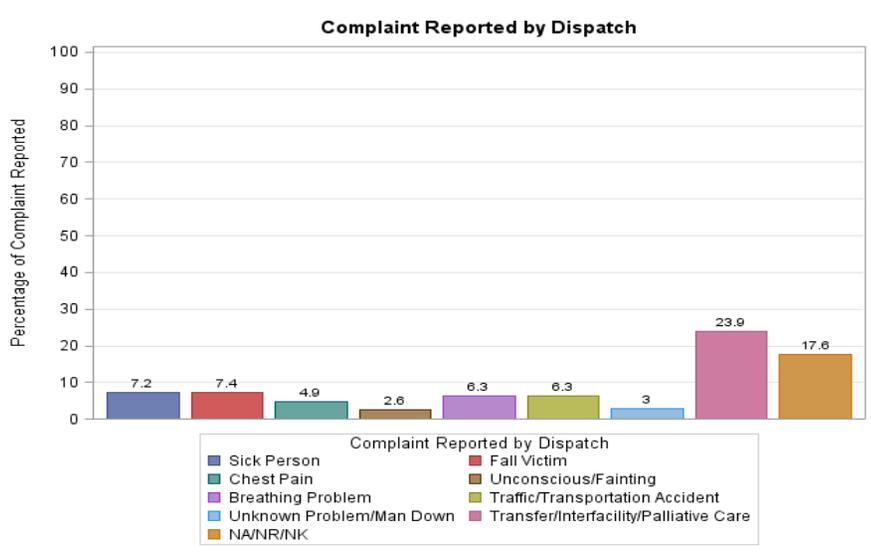
Response Request



Response Disposition

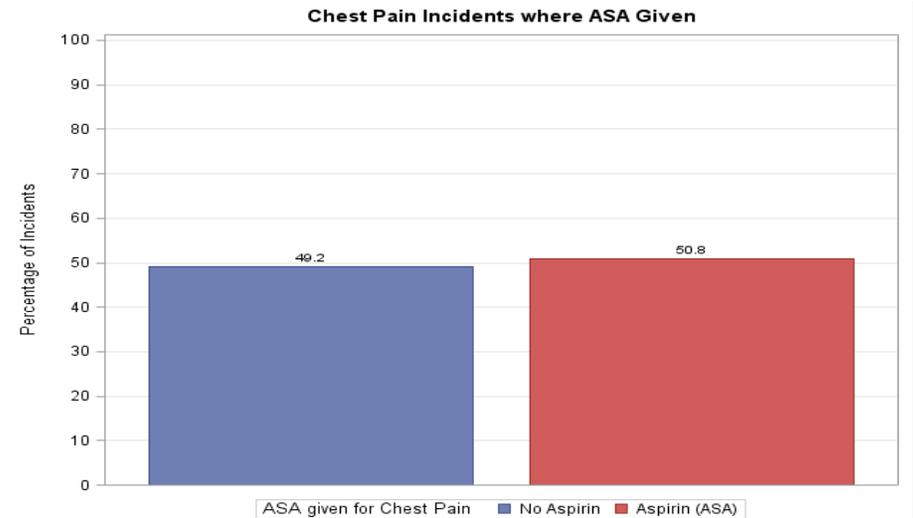
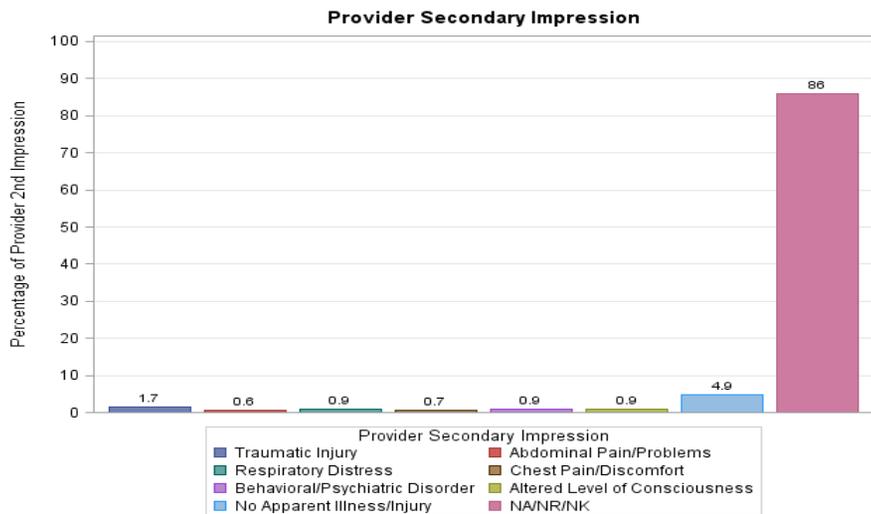


Indiana Trauma Registry Pre-Hospital Data Report 9/22/2013—9/21/2014 136 Total Providers Reporting 200,912 Incidents



Complaints <2.5% not listed (10 variables)

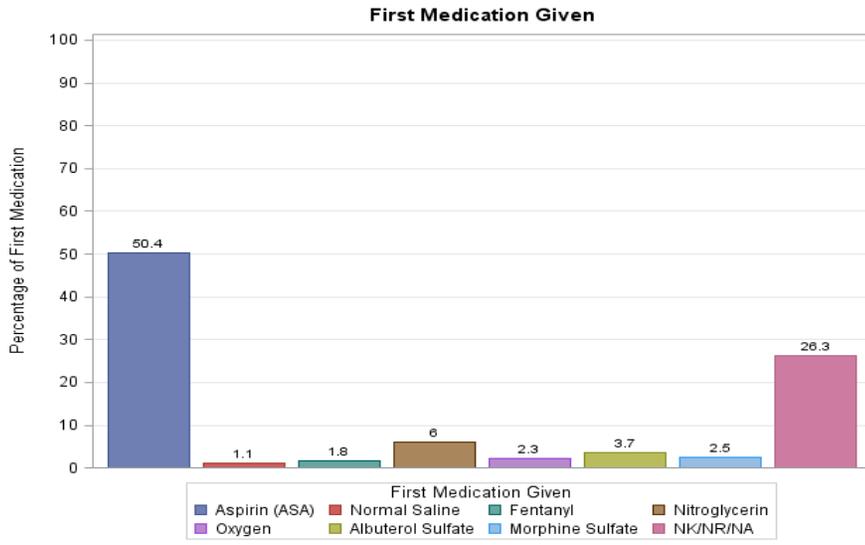
Primary Impressions <2.5% not listed, 26 variables



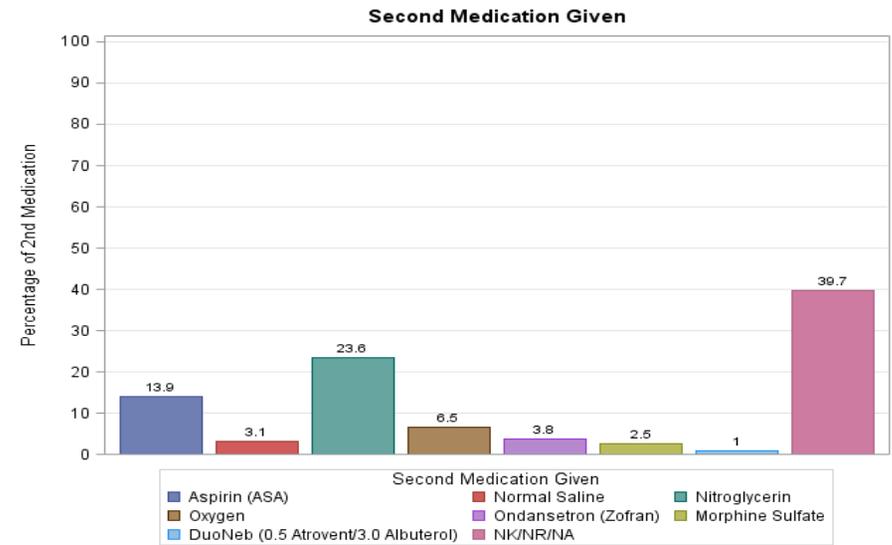
<0.5% P.I.: Pain, Seizure, Other, Stroke/CVA, Syncope/Fainting, Poisoning/Drug Ingestion, Cardiac Rhythm Disturbance, Diabetic Symptoms

Chest Pain Incidents where ASA was Given (2013-YTD). Chest Pain as complaint report by dispatch or the provider's primary or secondary impression; N=43,154

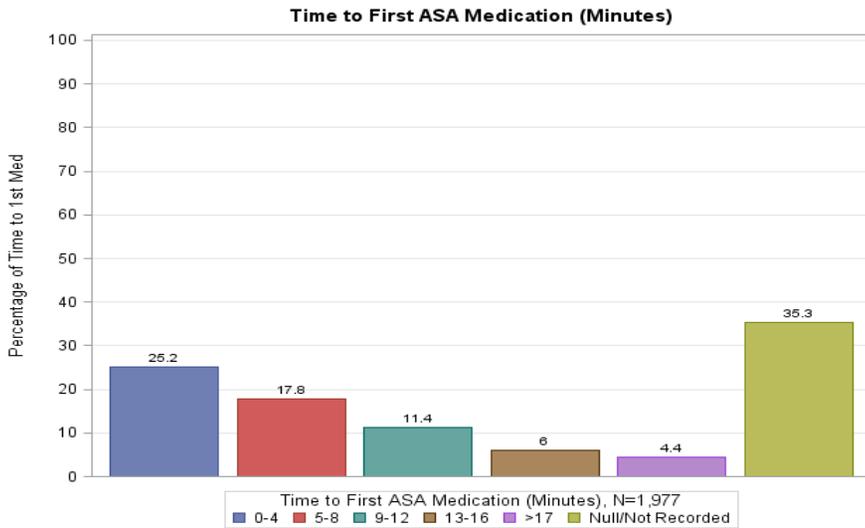
Indiana Trauma Registry Pre-Hospital Data Report 9/22/2013—9/21/2014 136 Total Providers Reporting 200,912 Incidents



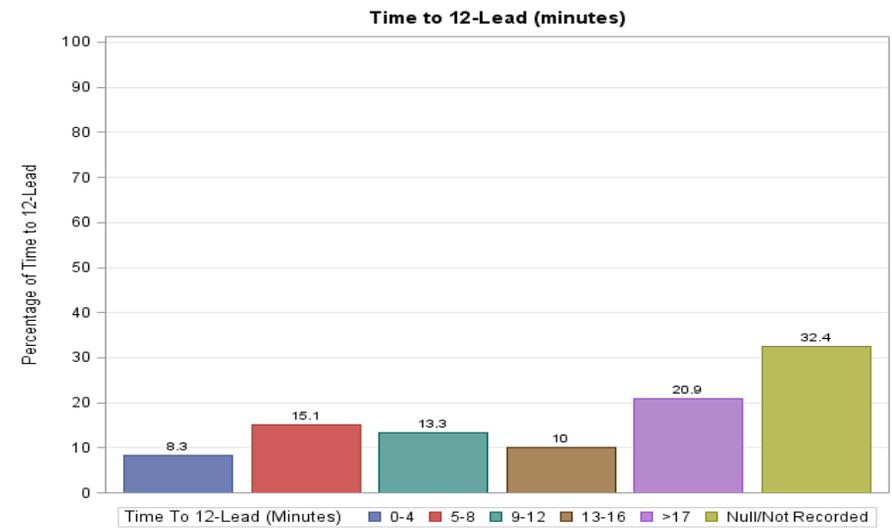
First Medications <0.5% not listed (39 variables)



Second Medications <1% not listed (51 variables)



Time to 1st Med: Time from Arrived at Patient to First Medication (Aspirin[ASA]) Administered for Chest Pain



Time to 12-Lead: Time from Arrived at Patient to Time 12 Lead ECG Procedure Performed; N=16,668.

Indiana Trauma Registry- September 22, 2013 - September 21, 2014 23,250 Incidents Injury Severity Score By Public Health Preparedness Districts

