

Indiana Trauma Registry Pre-hospital Data Report Report for August 2014

This report from the Indiana State Department of Health (ISDH) EMS registry includes 171,991 runs from 122 pre-hospital providers during the time frame from July 30, 2013 through July 29, 2014. This report also focuses on several sub-populations in this time frame:

1. 37,415 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. 13,945 incidents where the 12 lead ECG procedure was performed.

Lastly, 19,625 incidents were reported to the ISDH Indiana Trauma Registry from the same time period (July 30, 2013 through July 29, 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 0.61% of chest pain cases were reported to have allergies to aspirin (23 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.

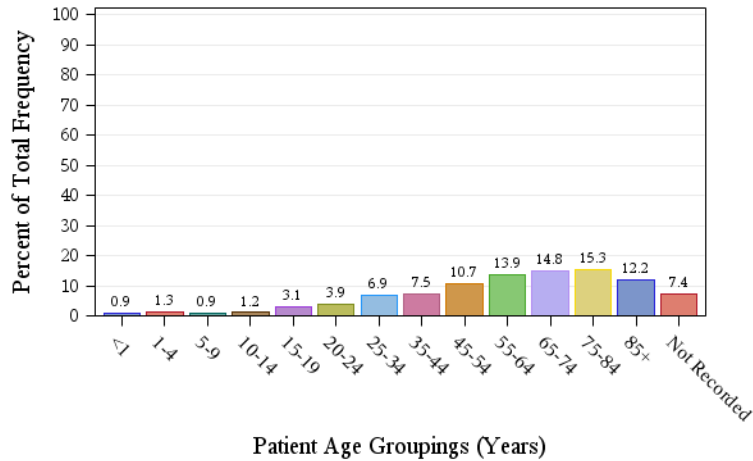
Updated 8/20/2014: The Mileage to Ending average has been added to the Average Run Mileage table on page 4. This change reflects the request of the EMS Commission to explain why the Mileage to Scene and Mileage to Destination averages did not add up to the Total Mileage Average.



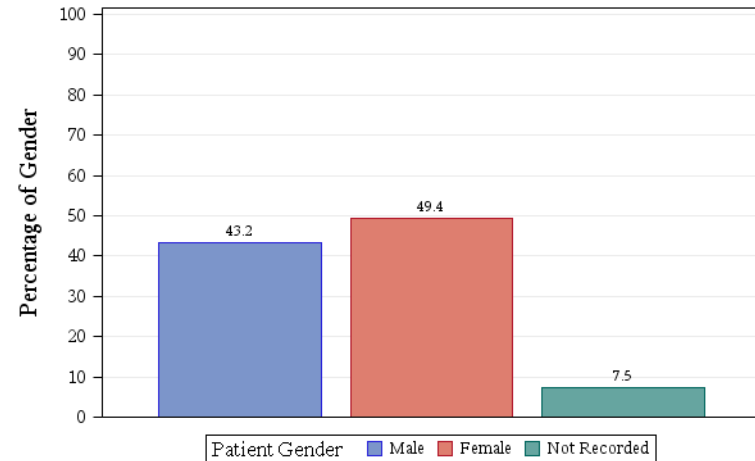
Indiana State
Department of Health

Indiana Trauma Registry Pre-Hospital Data Report
07/30/2013-07/29/2014
122 Total Providers Reporting 171,991 Incidents

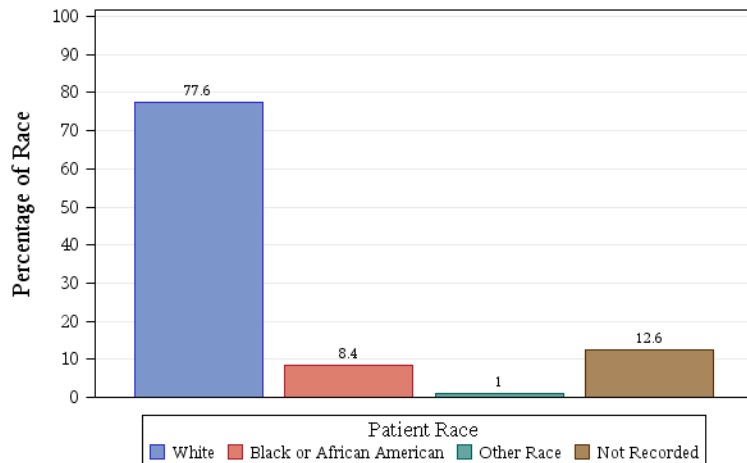
Patient Age (Years)



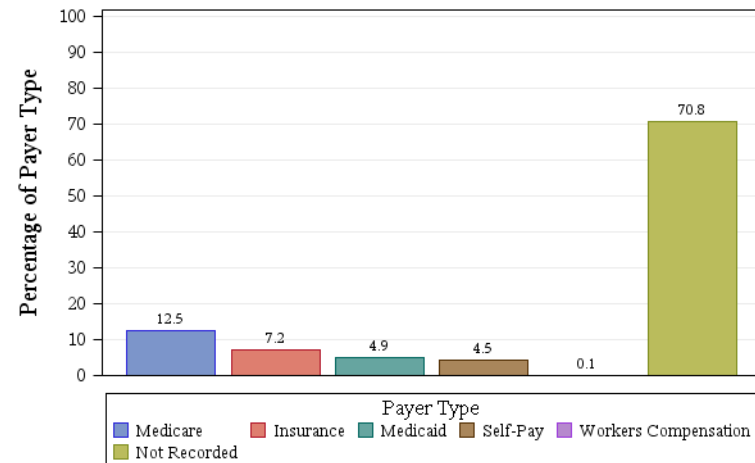
Patient Gender



Patient Race

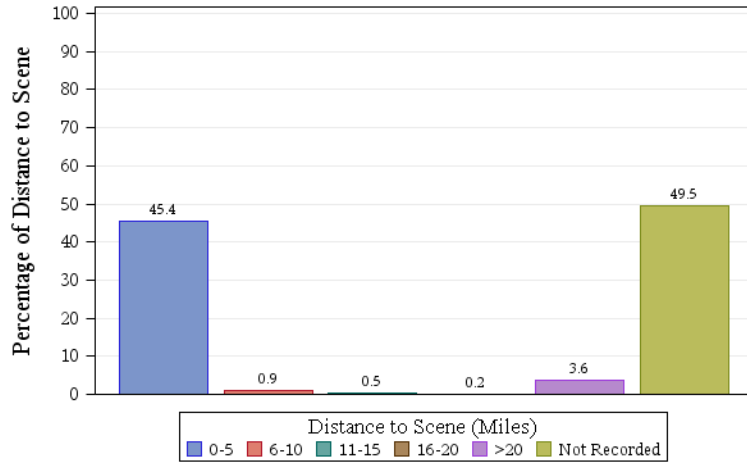


Payer Type

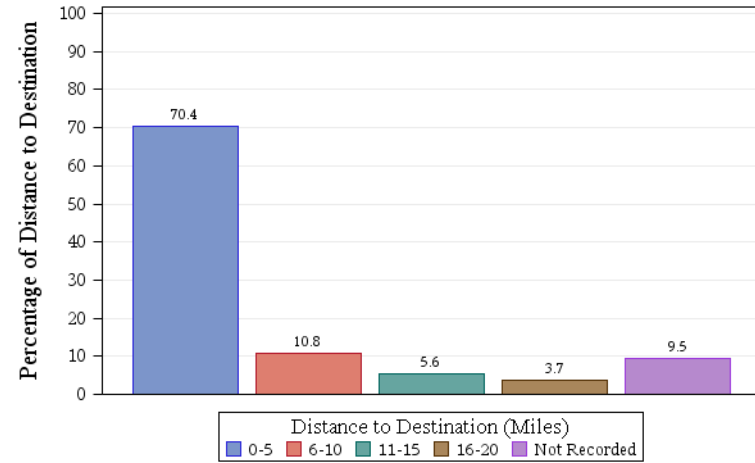


<1% Race: Asian, Native Hawaiian, American Indian/Alaskan Native

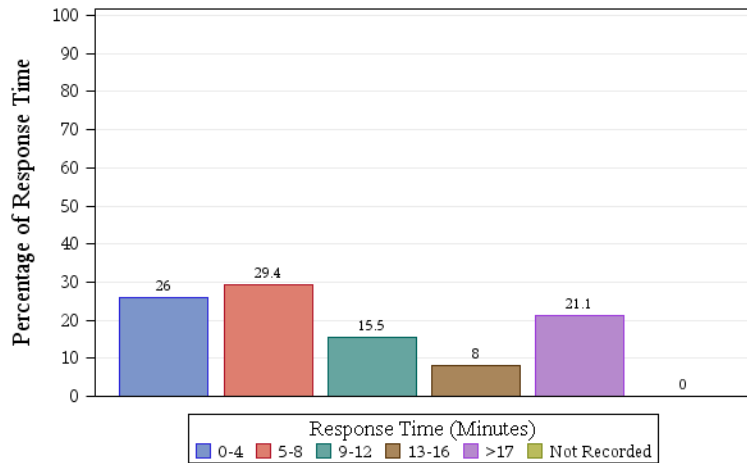
Distance to Scene (Miles)



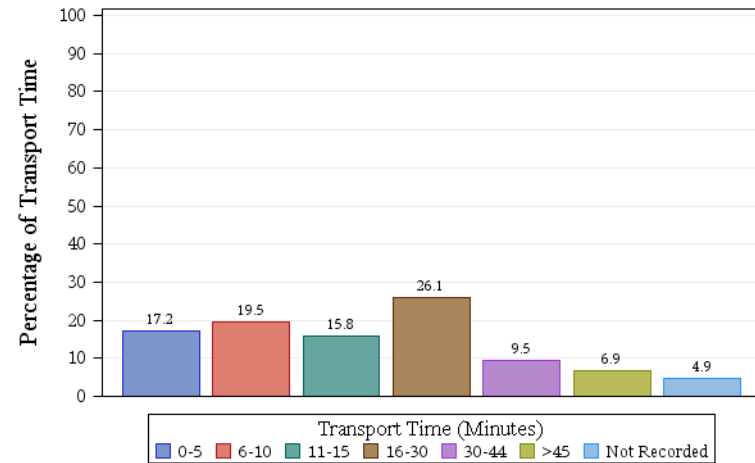
Distance to Destination (Miles)



Response Time (Minutes)



Transport Time (Minutes)

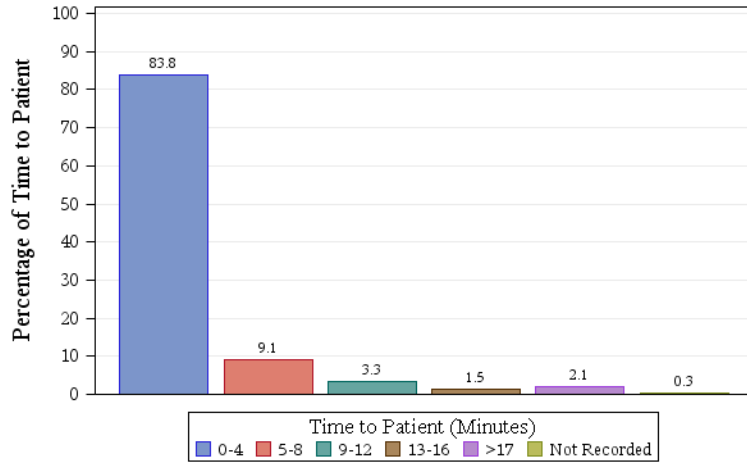


Response Time: Difference in Time from Dispatch to Arrival on Scene

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

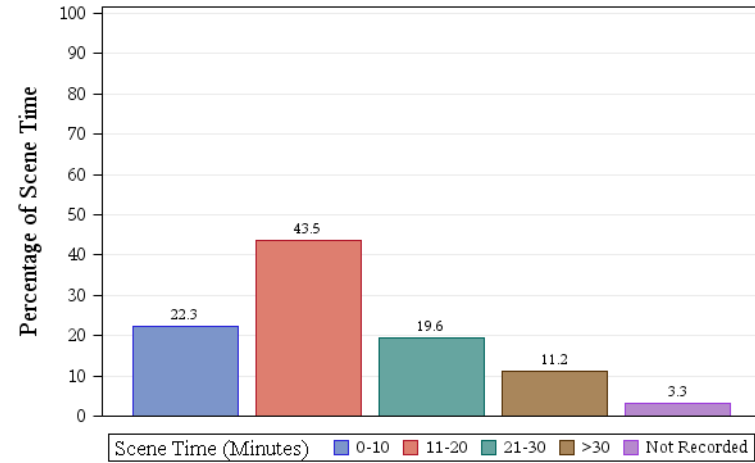
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Time to Patient (Minutes)



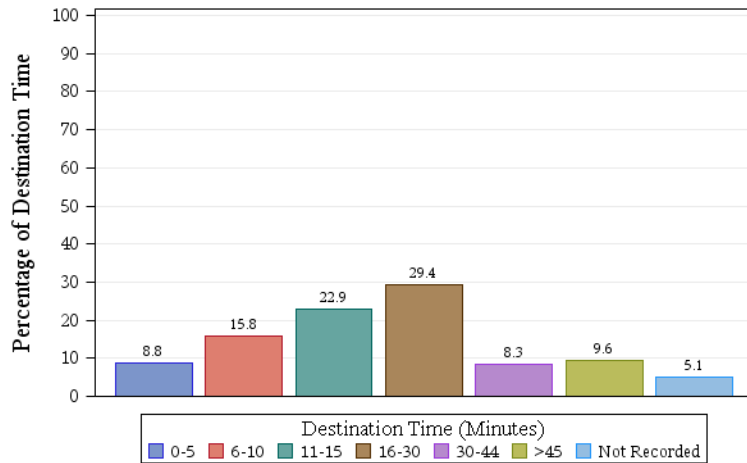
Time To Patient: Difference in Time from Arrival at Scene

Scene Time (Minutes)



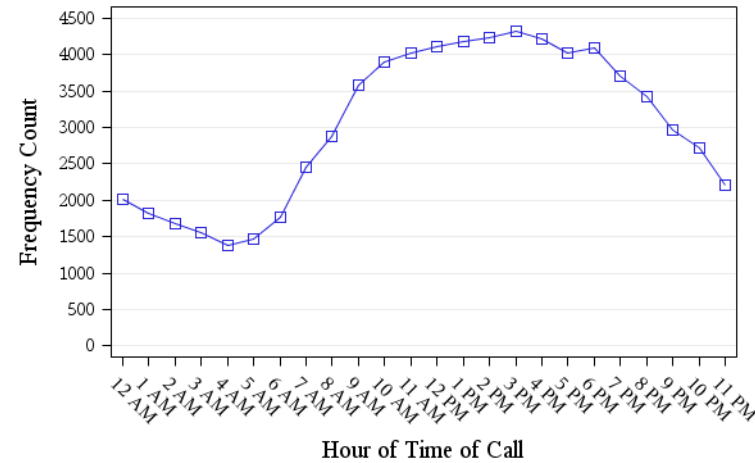
Scene Time: Difference in Time from Arrival at Scene

Destination Time (Minutes)



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

Time of Call



Time of Call Not Recorded for 99,228 Incidents

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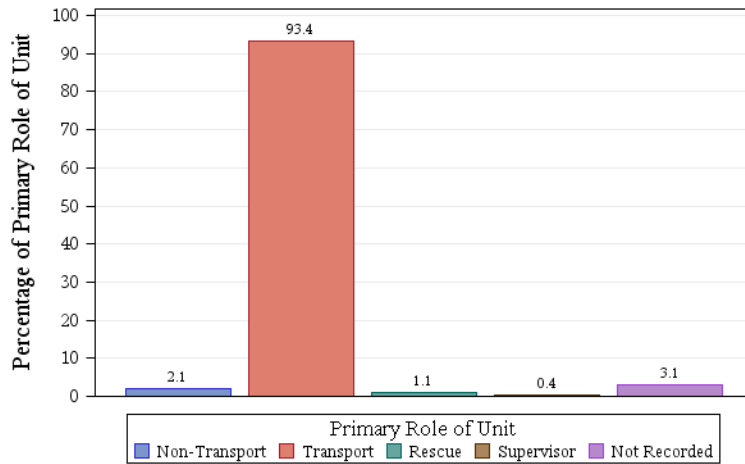
Average Run Mileage

Obs	Destination	Miles	Frequency
1	Mileage to Scene	3.6	85178
2	Mileage to Destination	3.6	166013
3	Mileage to Ending	2.0	70193
		9.2	

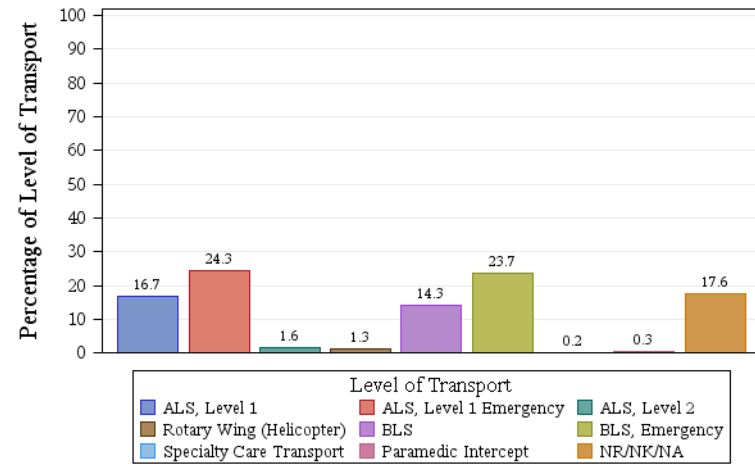
Average Run Time

Obs	Destination	Minutes
1	Time to Scene	12.49
2	Time to Patient	2.92
3	Time at Scene	18.56
4	Time to Destination	18.69
5	Back in Service	21.54
6	Total Run Time	64.58

Primary Role of Unit

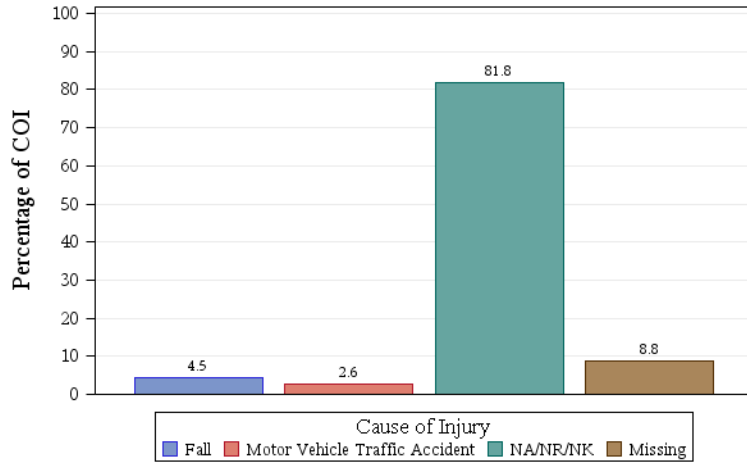


Level of Transport



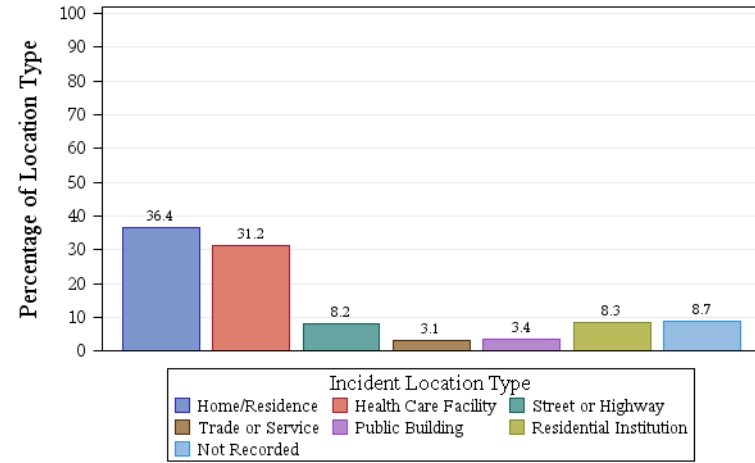
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Cause of Injury (COI)



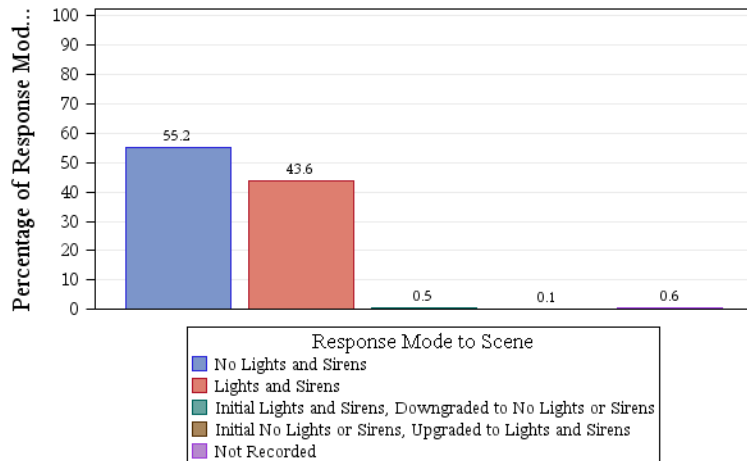
Causes of Injury <1.5% not listed (40 variables)

Incident Location Type

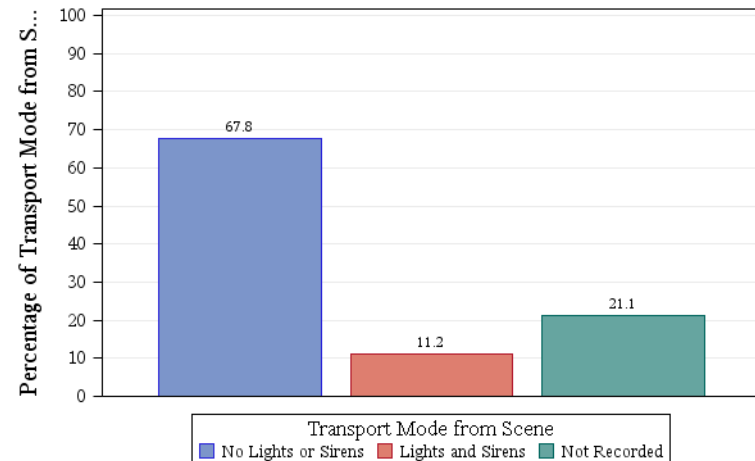


Incident Location Type <1% not listed (4 variables)

Response Mode to Scene

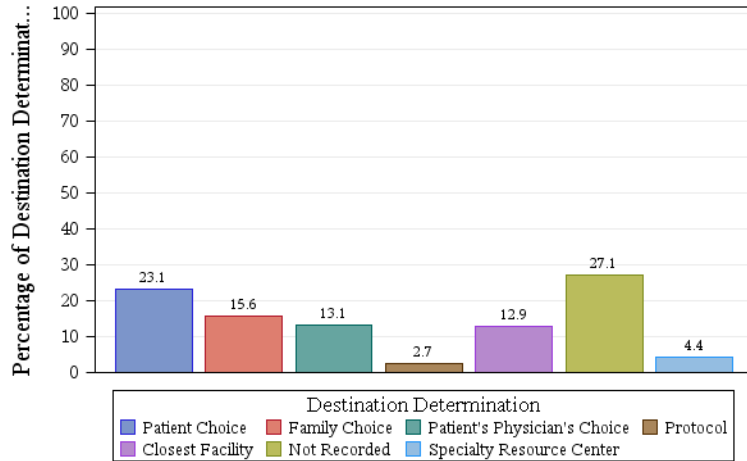


Transport Mode from Scene



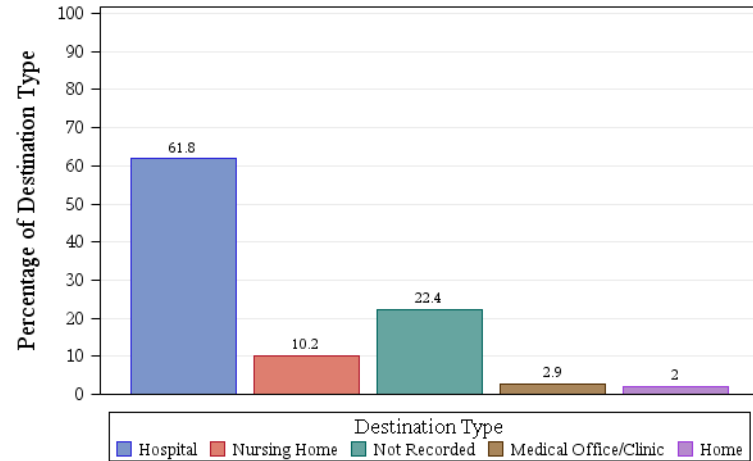
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Destination Determination



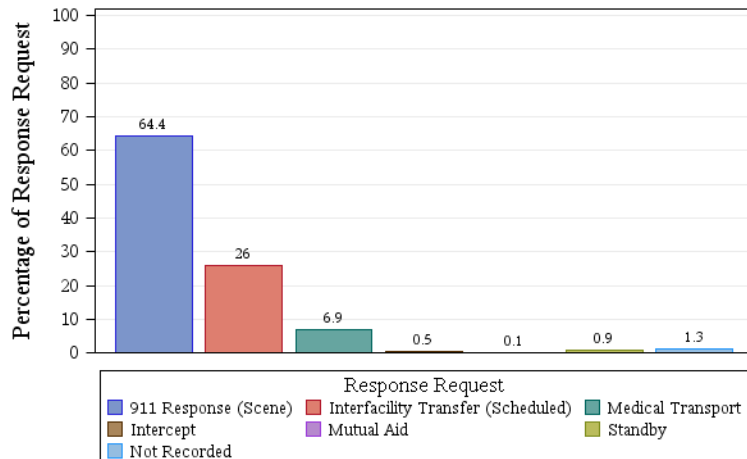
Destination Determinations <1% Not Listed (5 Variables)

Destination Type

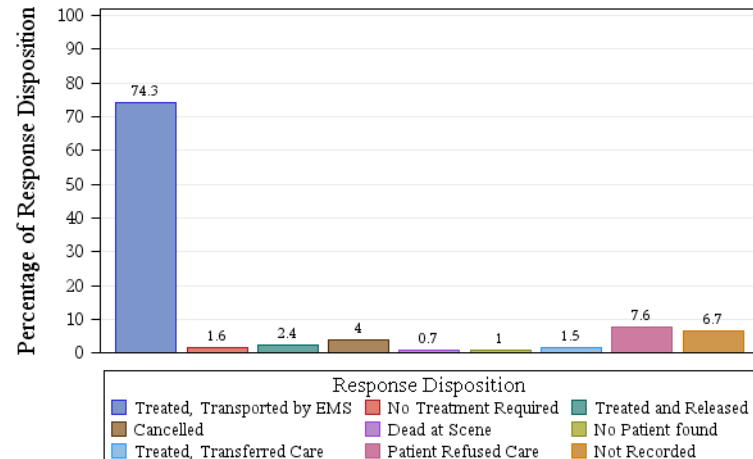


<1% Destination Type: EMS Responder (Ground), Other Morgue, Other EMS Responder (Air), Police/Jail

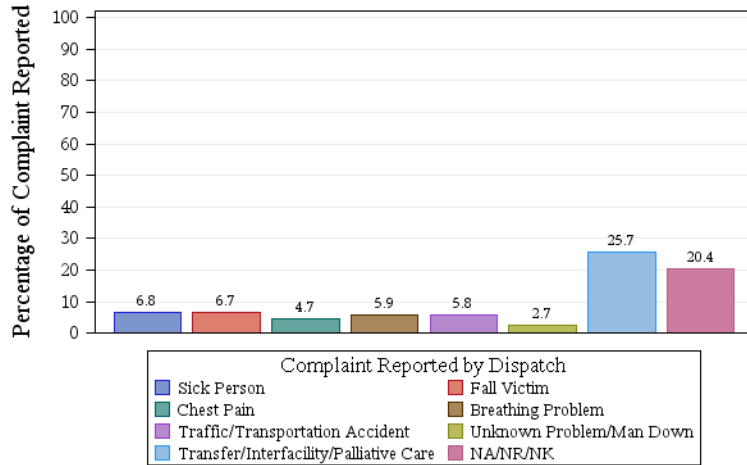
Response Request



Response Disposition

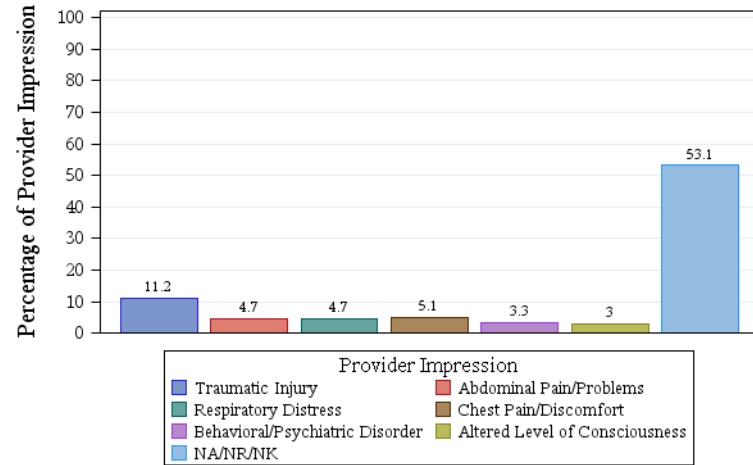


Complaint Reported by Dispatch



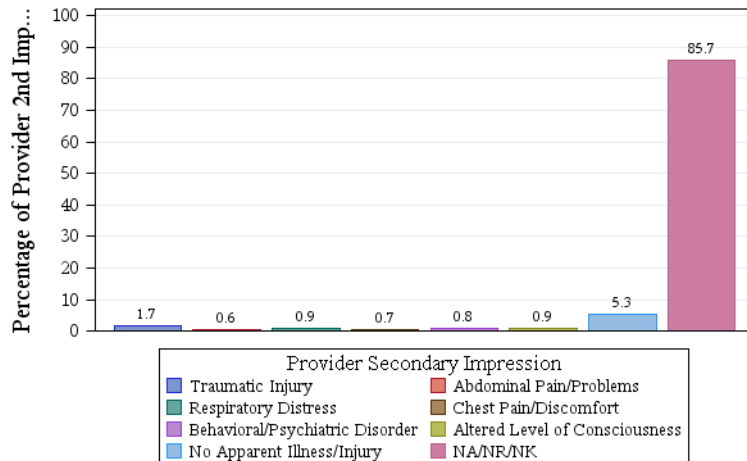
Complaints <2.5% not listed (10 variables)

Provider Primary Impression



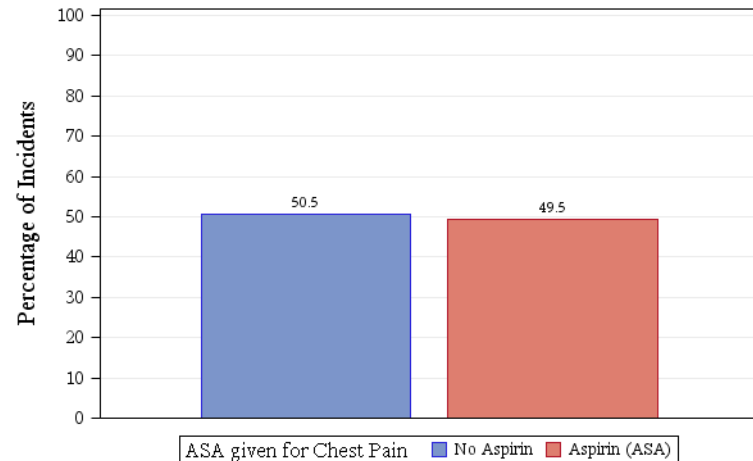
Primary Impressions <2.5% not listed, 26 variables

Provider Secondary Impression



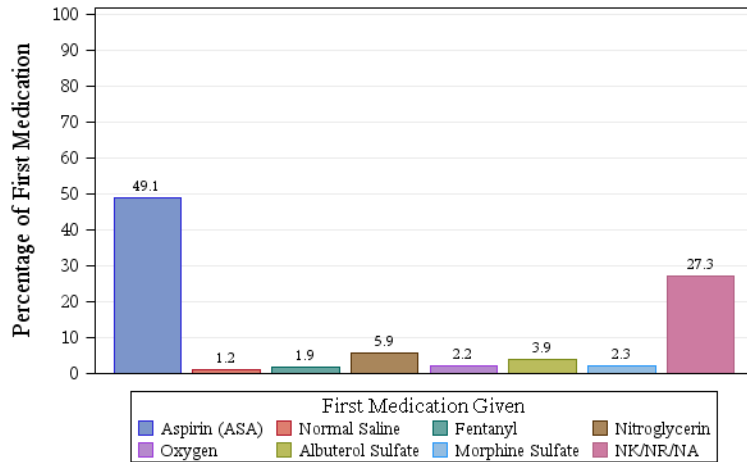
<.5% P.I.: Pain, Seizure, Other. Stroke/CVA, Syncope/Fainting
Poisoning/Drug Ingestion, Cardiac Rhythm Disturbance, Diabetic Symptoms

Chest Pain Incidents where ASA Given



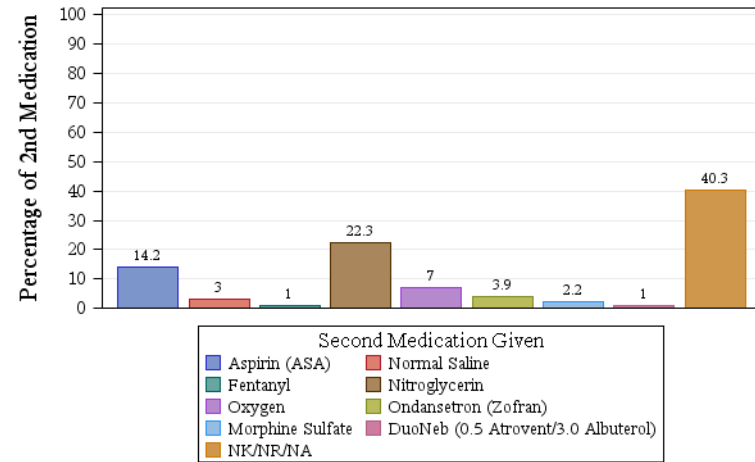
Chest Pain Incidents where ASA was Given (2013-YTD)
Chest Pain as complaint reported by dispatch or
the provider's primary or secondary impression; N= 37,415

First Medication Given for Chest Pain



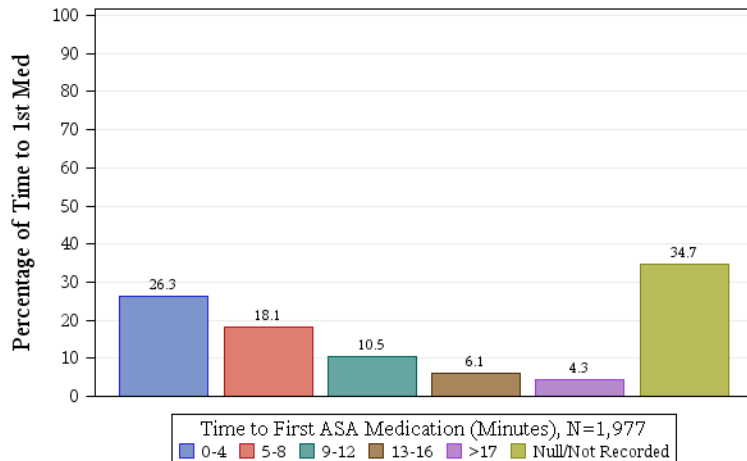
First Medications <0.5% not listed (39 variables)

Second Medication Given for Chest Pain



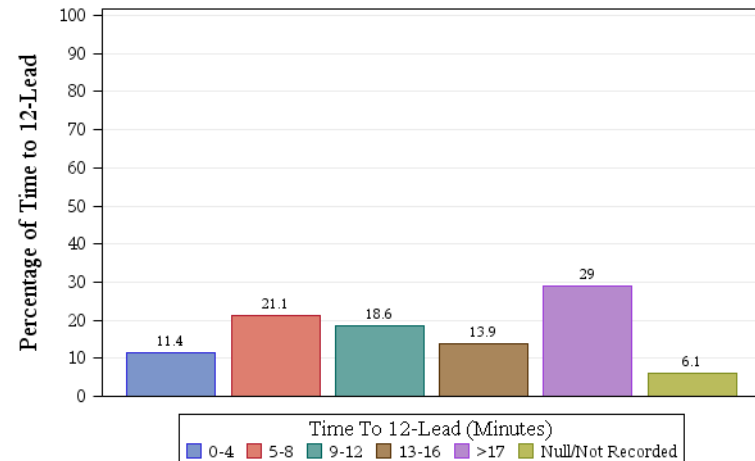
Second Medications <1% not listed (51 variables)

Time to First ASA Medication (Minutes)



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

Time to 12-Lead (Minutes)



Time to 12-Lead: Time from Arrived at Patient to Time 12 lead ECG Procedure Performed; N=13,945

Indiana Trauma Registry- July 30, 2013 to July 29, 2014 - 19,625 Incidents
Injury Severity Score By Public Health Preparedness Districts

