

# Indiana Trauma Registry Pre-hospital Data Report

Report for November 2014

This report from the Indiana State Department of Health (ISDH) EMS registry includes 222,435 runs from 142 pre-hospital providers during the time frame from November 13, 2013 through November 12, 2014. This report also focuses on several sub-populations in this time frame:

1. 55,565 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. 20,830 incidents where the 12 lead ECG procedure was performed.

Lastly, 21,278 incidents were reported to the ISDH Indiana Trauma Registry from the same time period (November 13, 2013 through November 12, 2014) and were included to provide data on the injury severity score (ISS) by public health preparedness district.

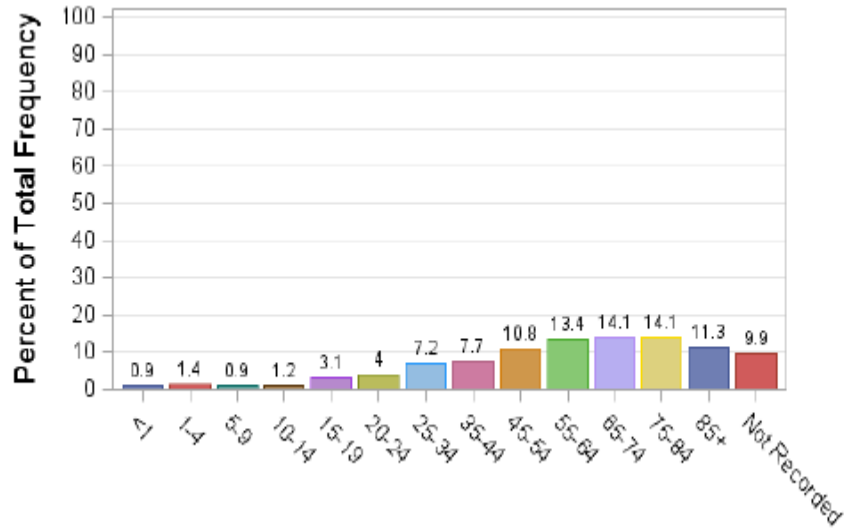
At a previous EMS Commission meeting, it was requested that prior aid data be provided, specifically to know if aspirin (ASA) was given before the EMS arrived on the scene in cases of chest pain. Additionally, it was requested that medical history of aspirin allergy be provided for incidents of chest pain. Approximately 0.70% of chest pain cases were reported to have allergies to aspirin (46 cases). Please note that the medication allergies data element is a National Emergency Medical Services Information System (NEMESIS) gold element which is not required by either the Indiana Department of Homeland Security (IDHS) or ISDH Pre-hospital registries.



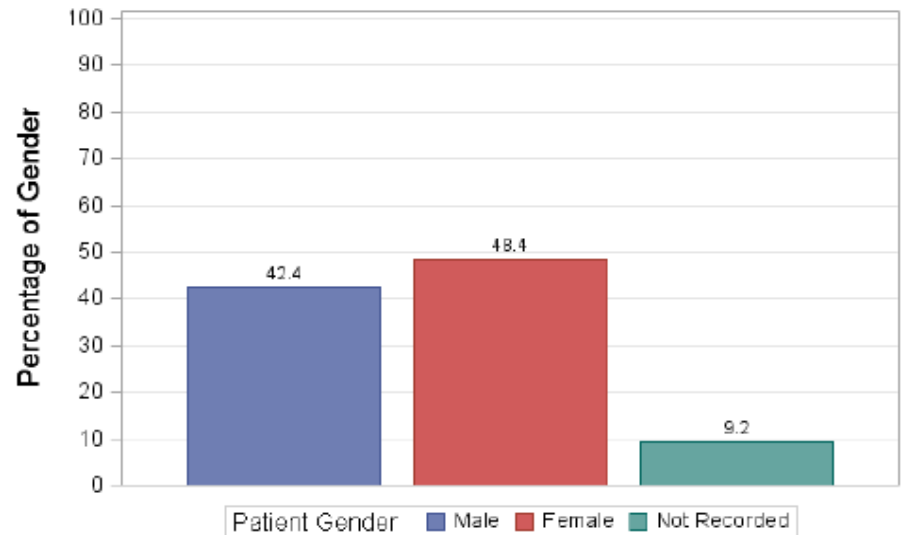
Indiana State  
Department of Health

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November 13, 2013—November 12, 2014  
142 Total Providers Reporting 222,435 Incidents*

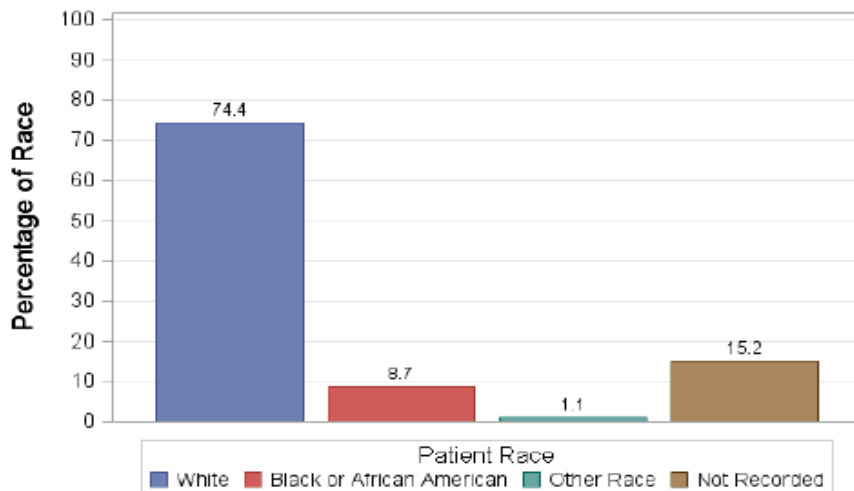
**Patient Age**



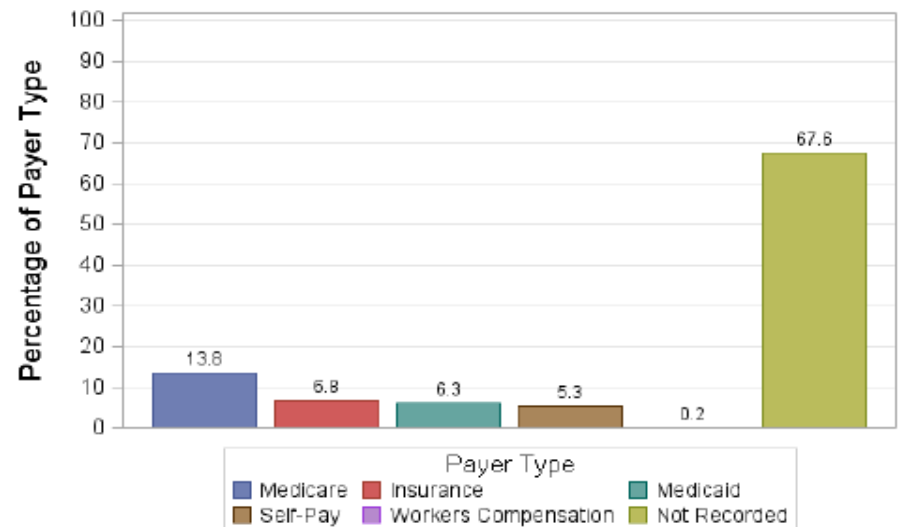
**Patient Gender**



**Patient Race**



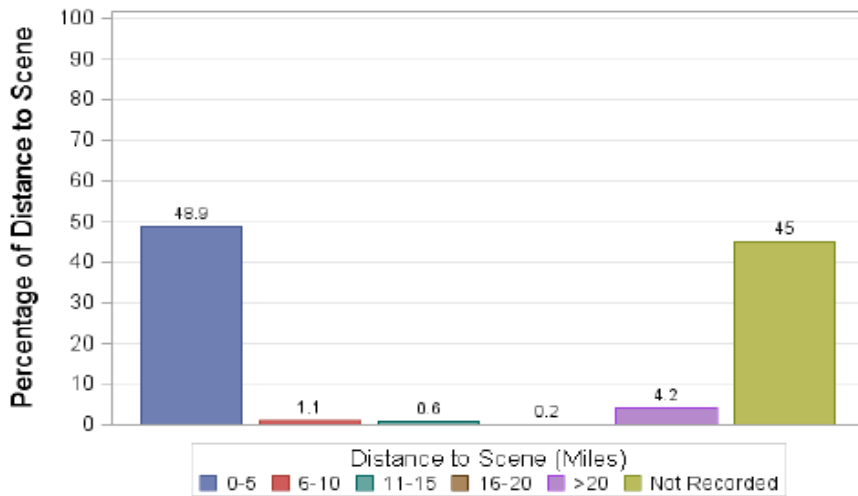
**Payer Type**



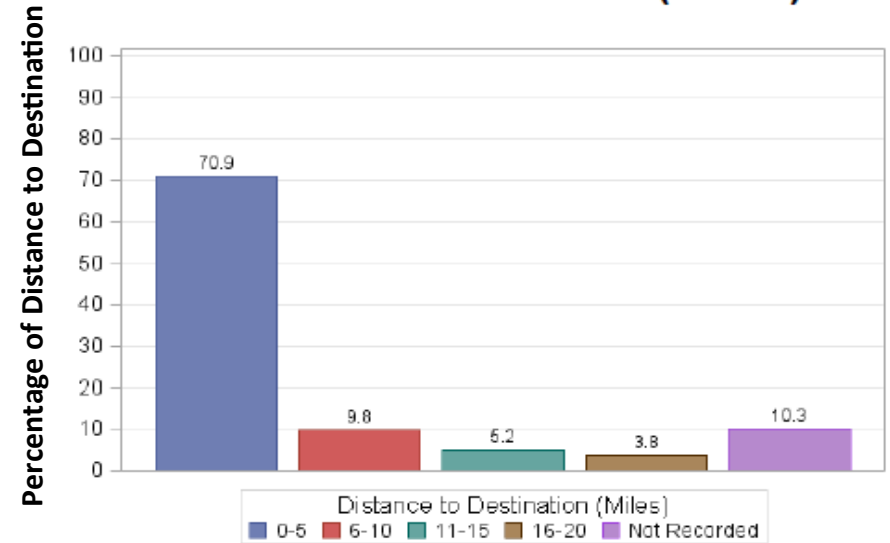
<1% Race: Asian, Native Hawaiian, American Indian/Alaskan Native

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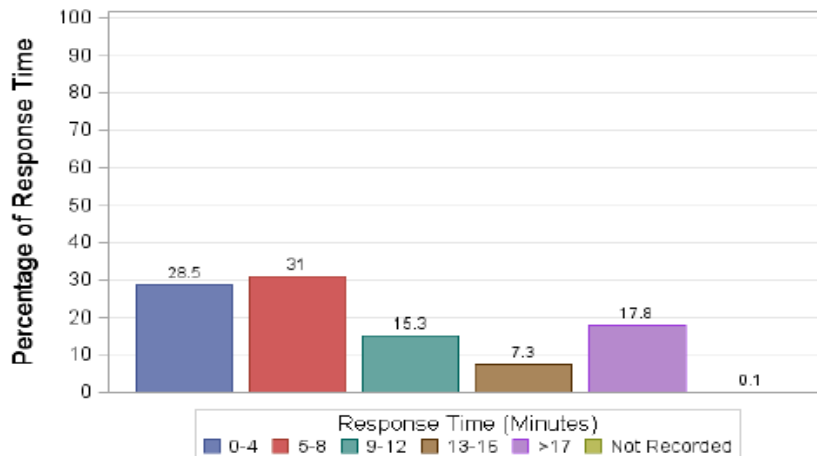
**Distance to Scene (Miles)**



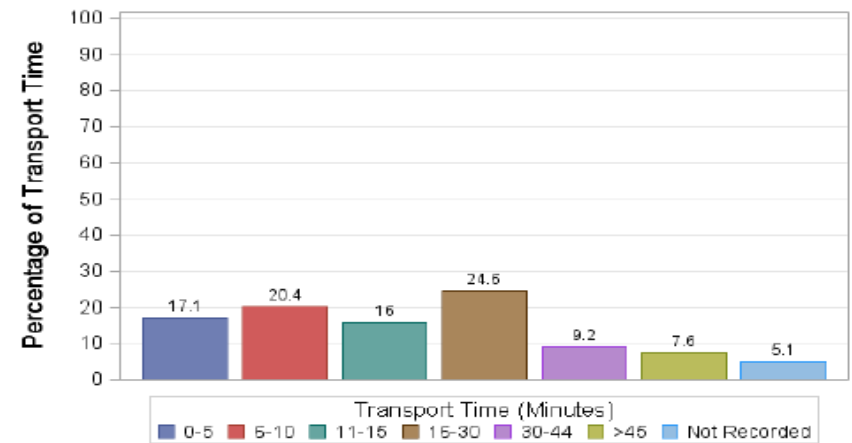
**Distance to Destination (Miles)**



**Response Time (Minutes)**



**Transport Time (Minutes)**

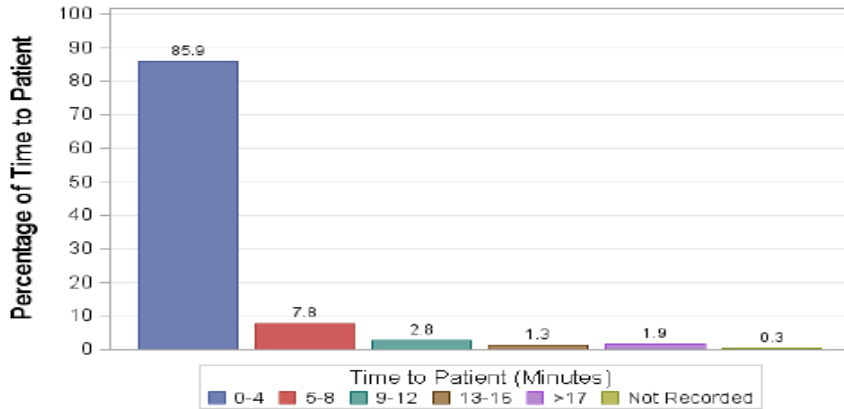


Response Time: Difference in Time from Dispatch to Arrival on Scene

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

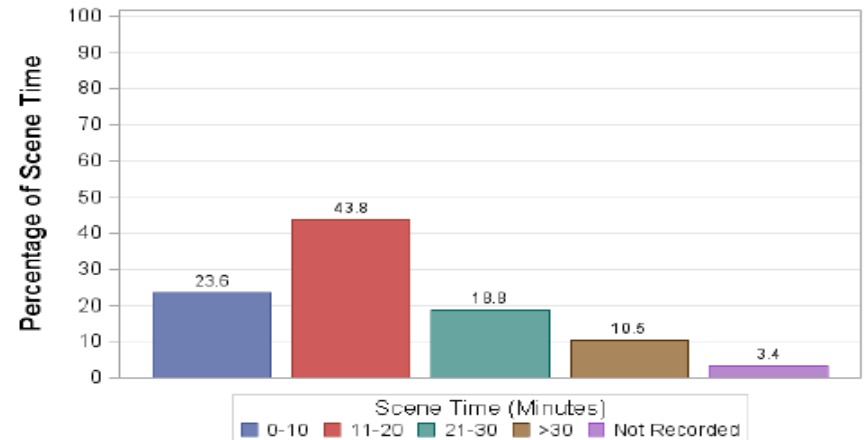
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**Time to Patient (Minutes)**



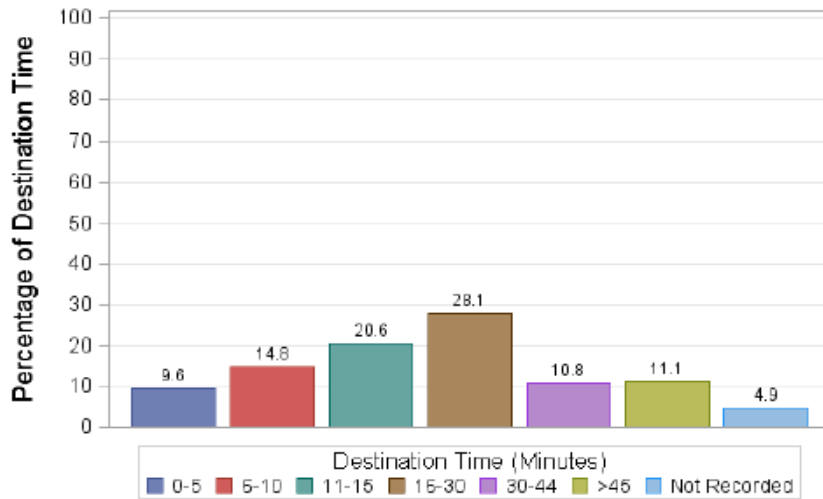
Time To Patient: Difference in Time from Arrival at Scene to Patient Arrival

**Scene Time (Minutes)**



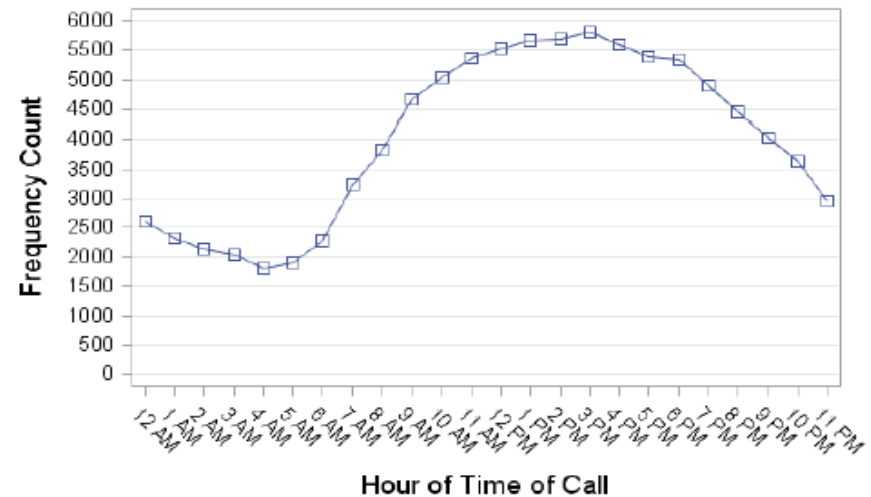
Scene Time: Difference in Time from Arrival at Scene to Leaving Scene

**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 126,187 Incidents

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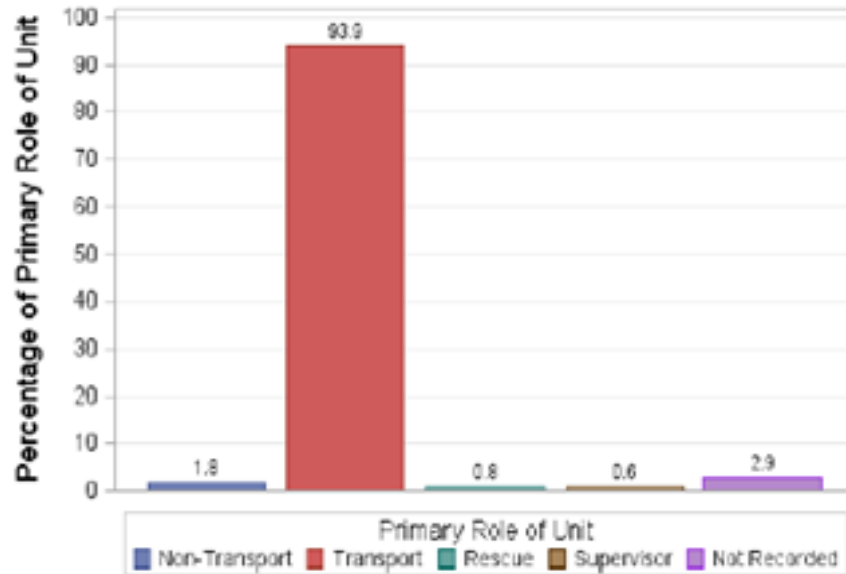
### Average Run Mileage

Obs	Destination	Miles
1	Mileage to Scene	4.0
2	Mileage to Destination	3.5
3	Mileage to Ending	1.8
Total Mileage		9.3

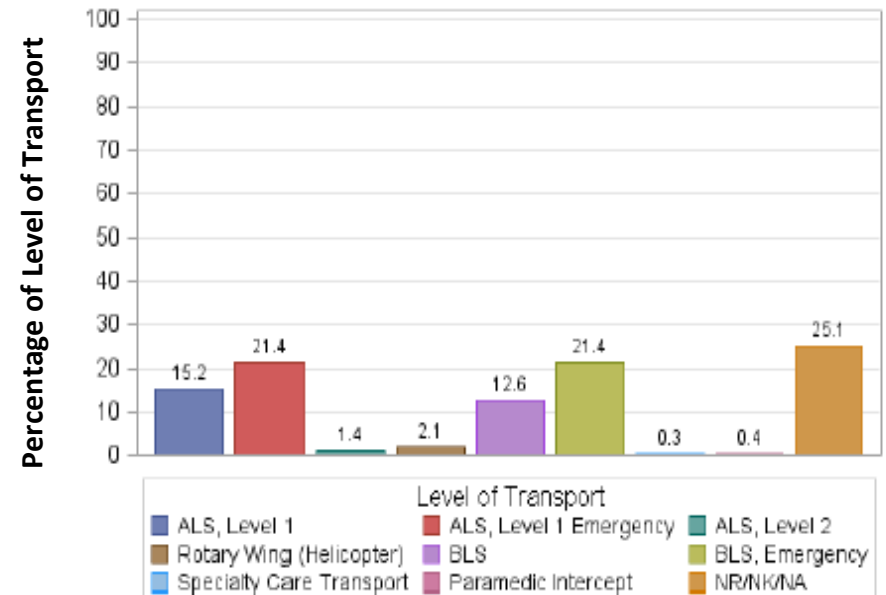
### Average Run Time

Obs	Destination	Minutes
1	Time to Scene	11.49
2	Time to Patient	2.70
3	Time at Scene	18.19
4	Time to Destination	18.67
5	Back in Service	22.93
6	Total Run Time	68.30

### Primary Role of Unit

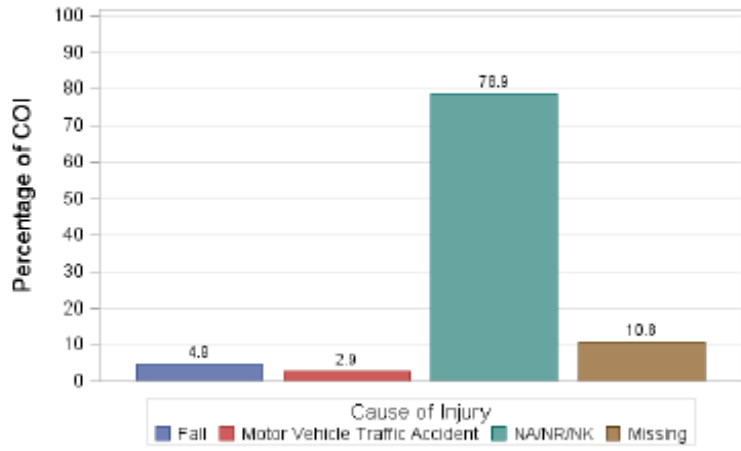


### Level of Transport



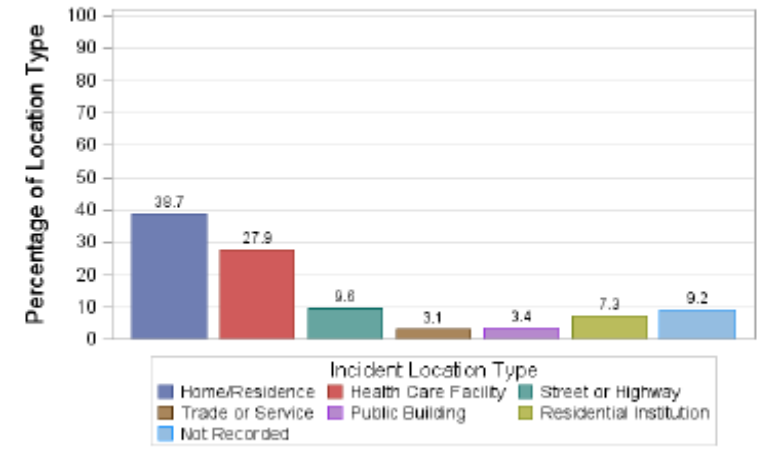
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**Cause of Injury (COI)**



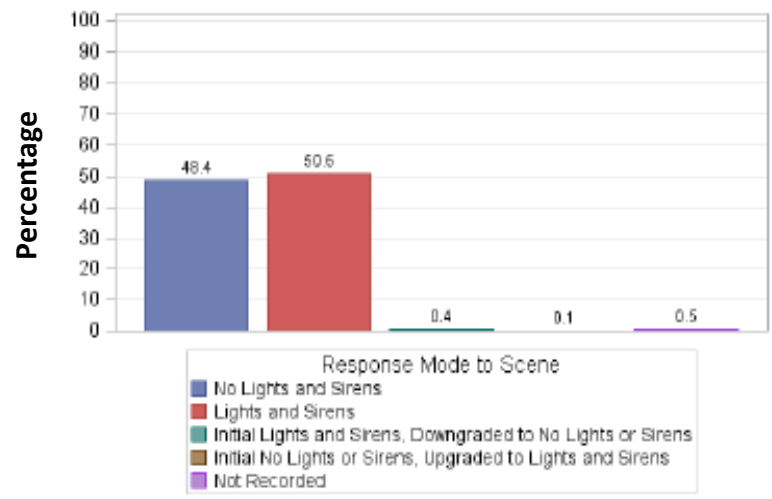
Causes of Injury <1.5% not listed (40 variables)  
Bites, Machinery Accidents, Fire/Flames, Pedestrian Traffic

**Incident Location Type**

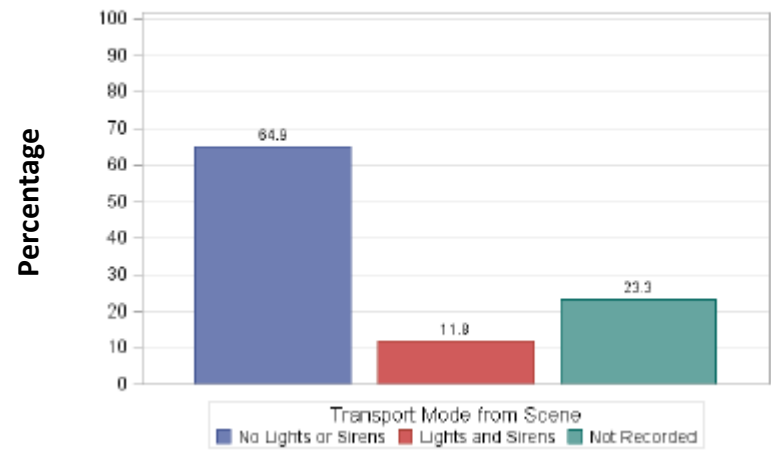


Incident Location Type <1% not listed (4 variables)  
Recreation, Farm, Mine, Lake

**Response Mode to Scene**



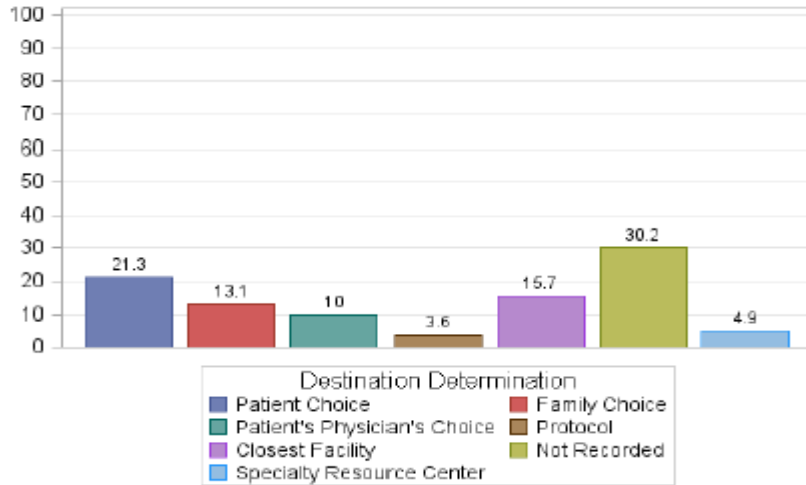
**Transport Mode from Scene**



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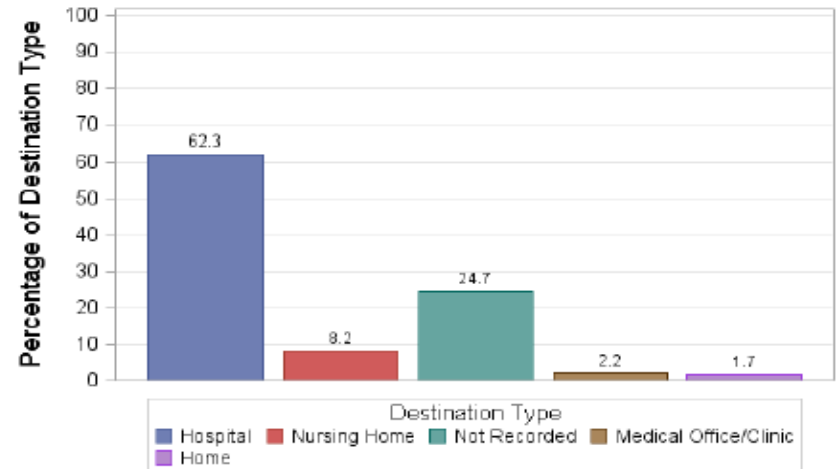
Percentage of Destination Determination

### Destination Determination



Destination Determinations <1% Not Listed (5 Variables)

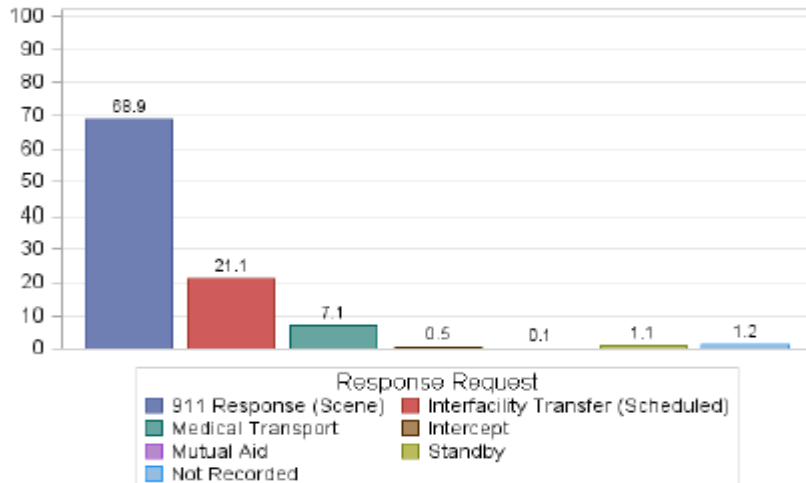
### Destination Type



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

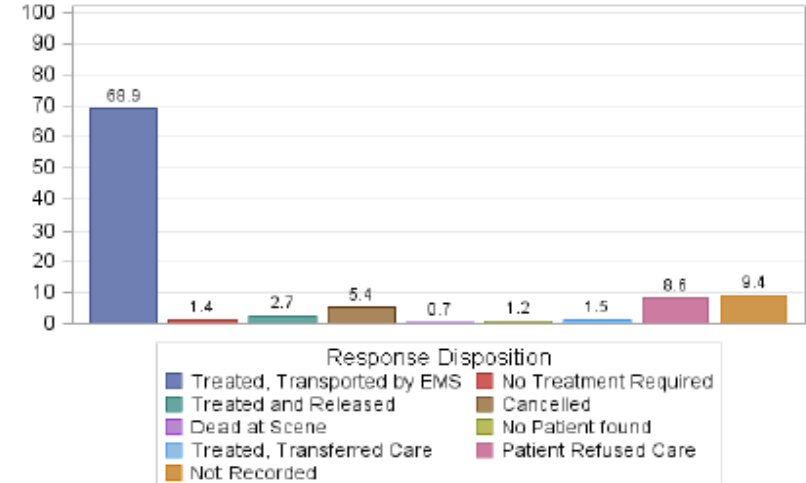
### Response Request

Percentage of Destination Type



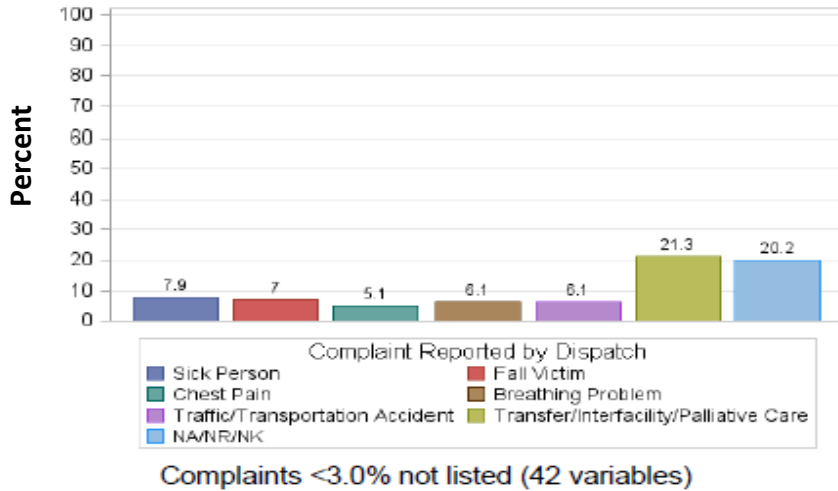
### Response Disposition

Percentage of Response Disposition

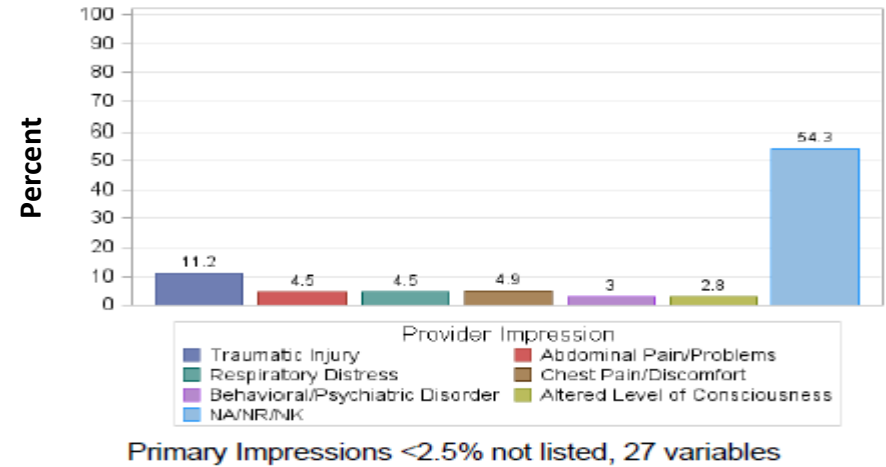


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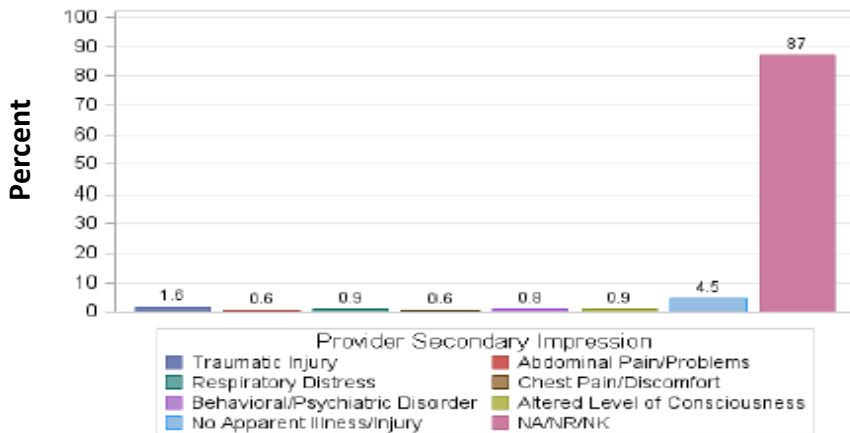
**Complaint Reported by Dispatch**



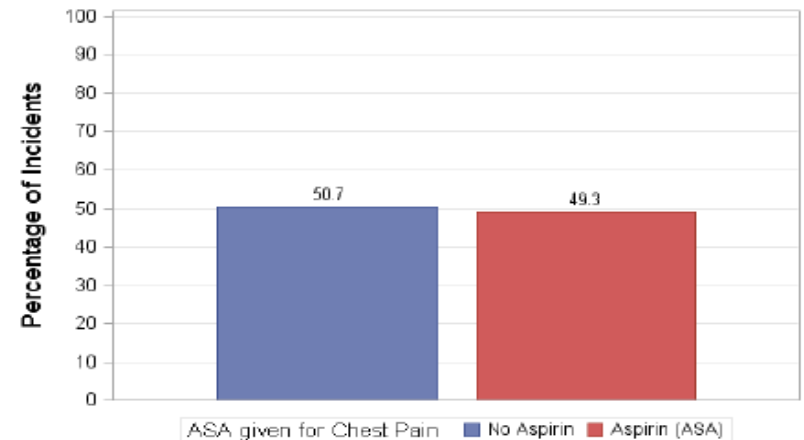
**Provider Primary Impression**



**Provider Secondary Impression**



**Chest Pain Incidents where ASA Given**



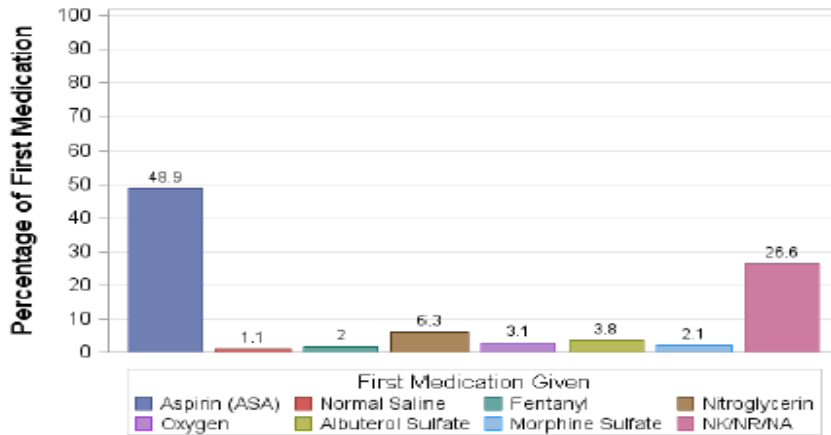
Chest Pain Incidents where ASA was Given (2013-YTD)  
Chest Pain as complaint reported by dispatch or the provider's primary or secondary impression; N= 55,565

<0.5% P.I.: Pain, Seizure, Other, Stroke/CVA, Syncope/Fainting, Poisoning/Drug



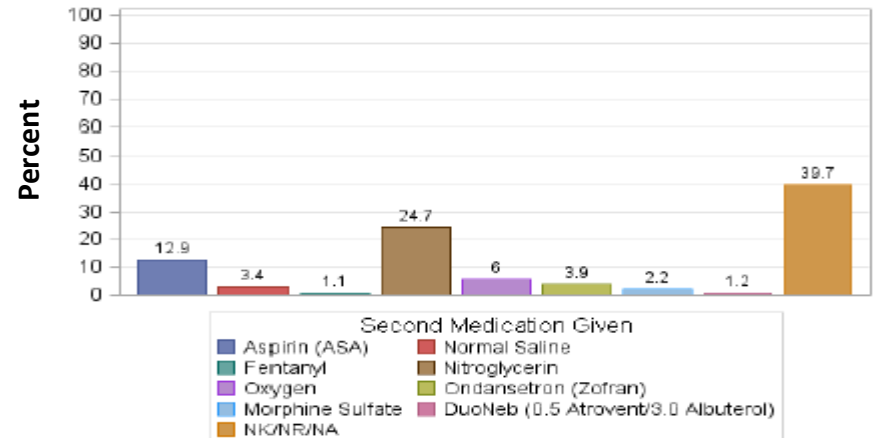
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**First Medication Given for Chest Pain**



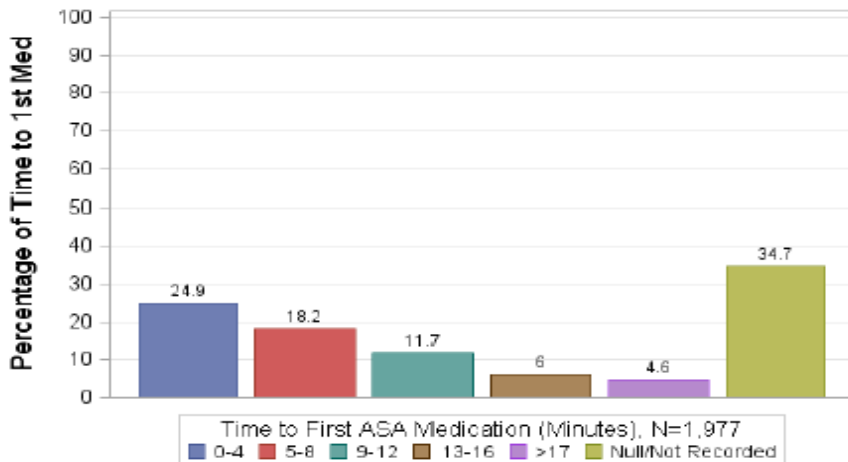
First Medications <0.5% not listed (39 variables)

**Second Medication Given for Chest Pain**



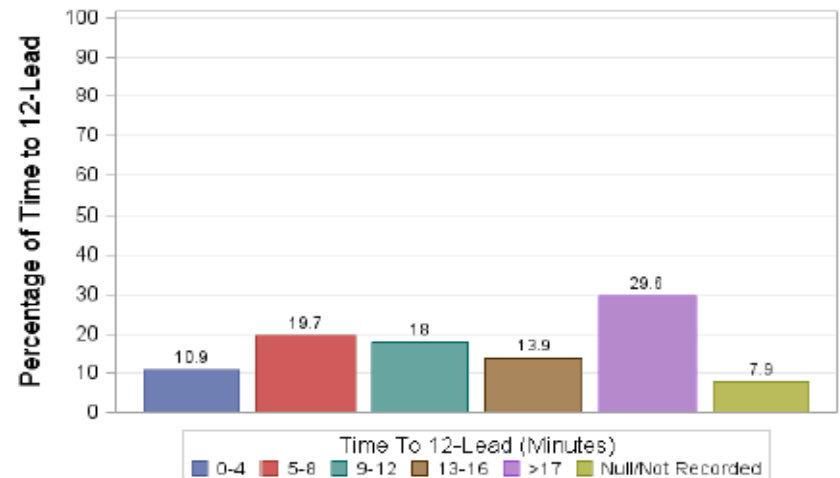
Second Medications <1% not listed (51 variables)

**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=20,830

*Indiana Trauma Registry November 13, 2013—November 12, 2014 21,278 Incidents  
Injury Severity Score By Public Health Preparedness Districts*

