

# Indiana Trauma Registry Pre-hospital Data Report Report for April 2014

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This report from the Indiana State Department of Health (ISDH) EMS registry includes 128,263 runs from 100 pre-hospital providers during the time frame from March 1, 2013 through March 27, 2014. This report also focuses on several sub-populations in this time frame:

1. 11,463 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. 8,950 incidents where the 12 lead ECG procedure was performed.

Lastly, 19,817 incidents were reported to the ISDH Indiana Trauma Registry from the same time period (March 1, 2013 to March 27, 2014) and were included to provide data on the injury severity score (ISS) by public health preparedness district.

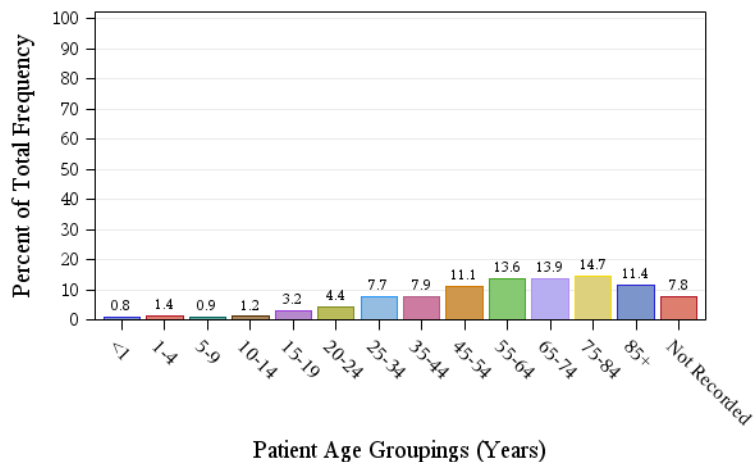
At a previous EMS Commission meeting, it was requested that prior aid data be provided, specifically to know if aspirin (ASA) was given before the EMS arrived on the scene in cases of chest pain. Additionally, it was requested that medical history of aspirin allergy be provided for incidents of chest pain. Approximately 0.42% of chest pain cases were reported to have allergies to aspirin (15 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.



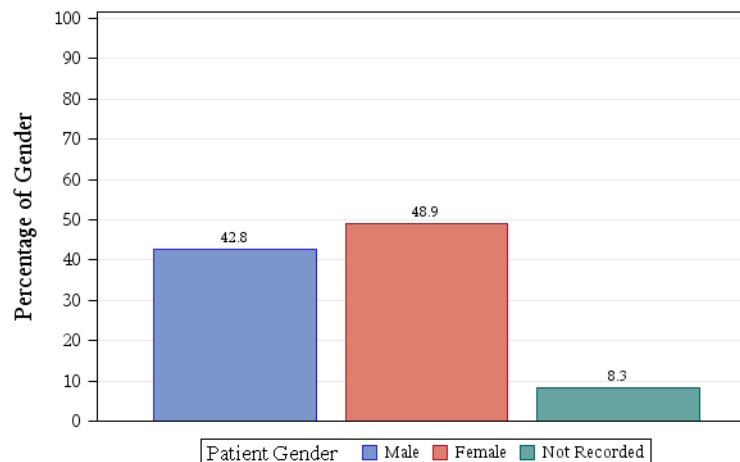
Indiana State  
Department of Health

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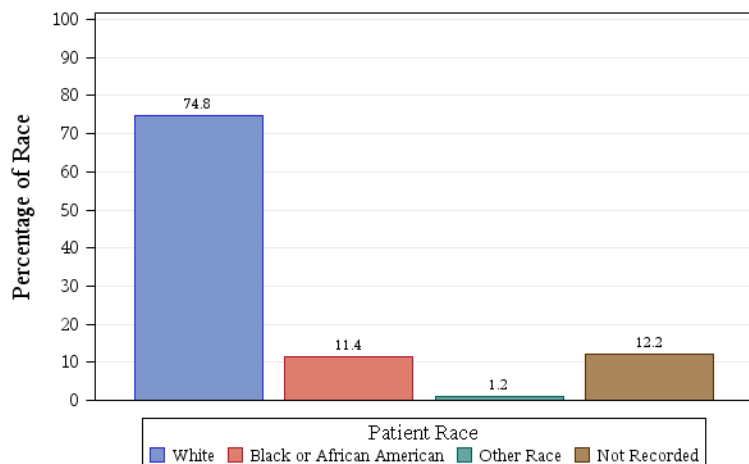
### Patient Age (Years)



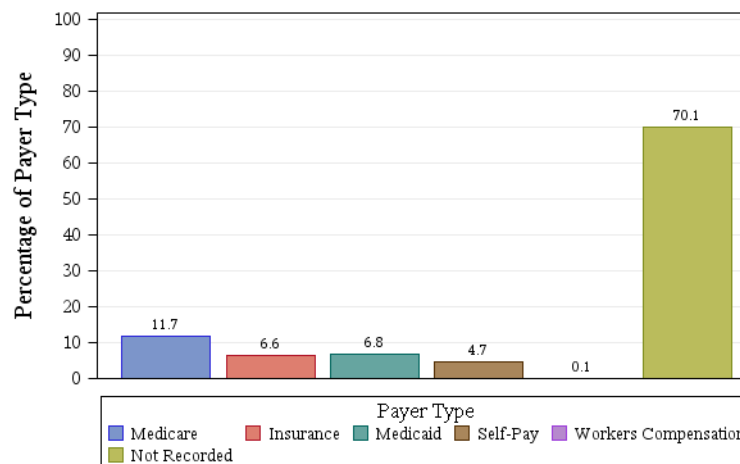
### Patient Gender



### Patient Race

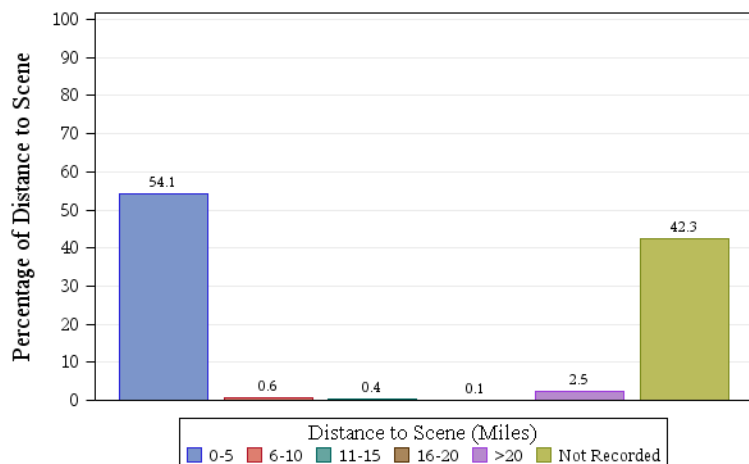


### Payer Type

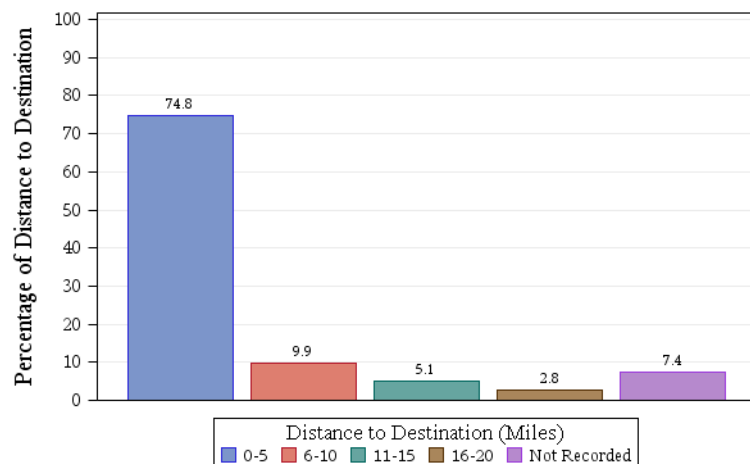


<1% Race: Asian, Native Hawaiian, American Indian/Alaskan Native

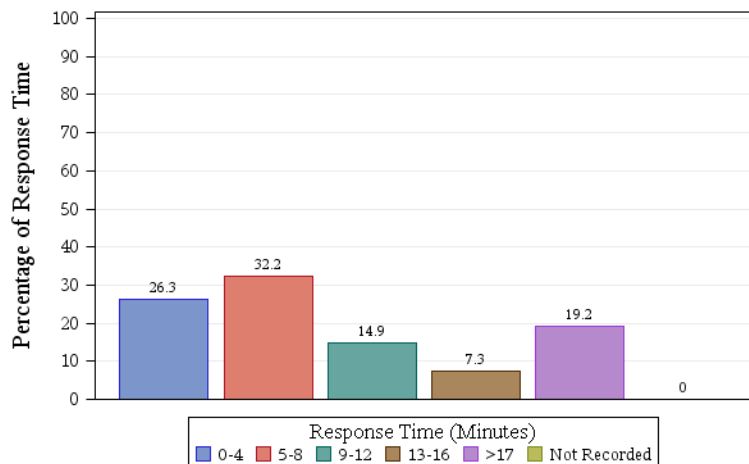
### Distance to Scene (Miles)



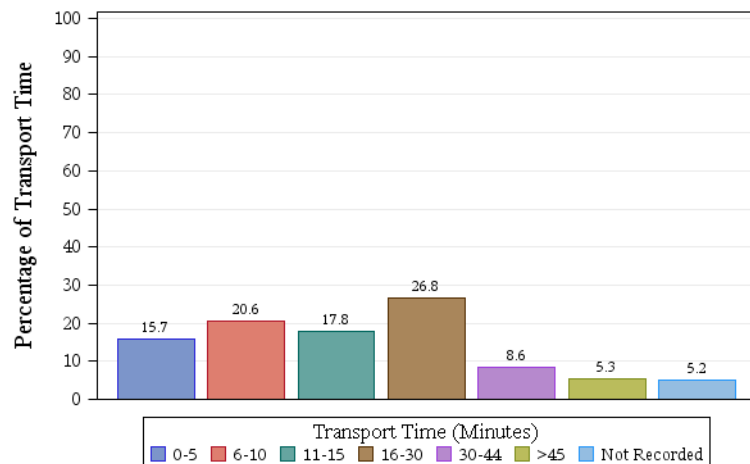
### Distance to Destination (Miles)



### Response Time (Minutes)



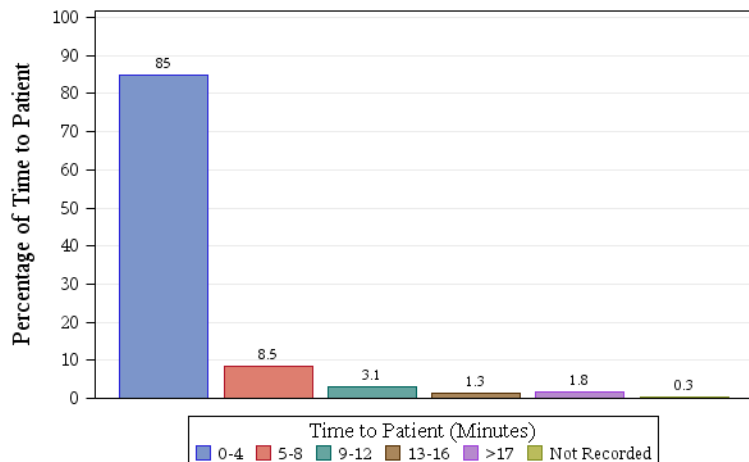
### Transport Time (Minutes)



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

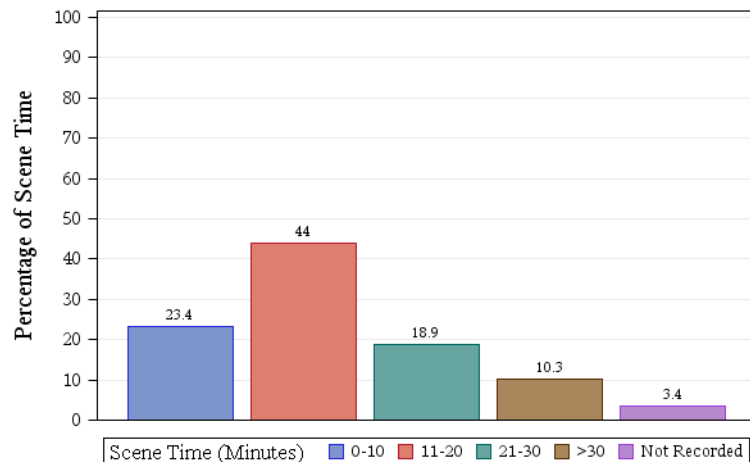
Transport Time: Difference in Time from Departure from Scene to Arrival At Destination

### Time to Patient (Minutes)



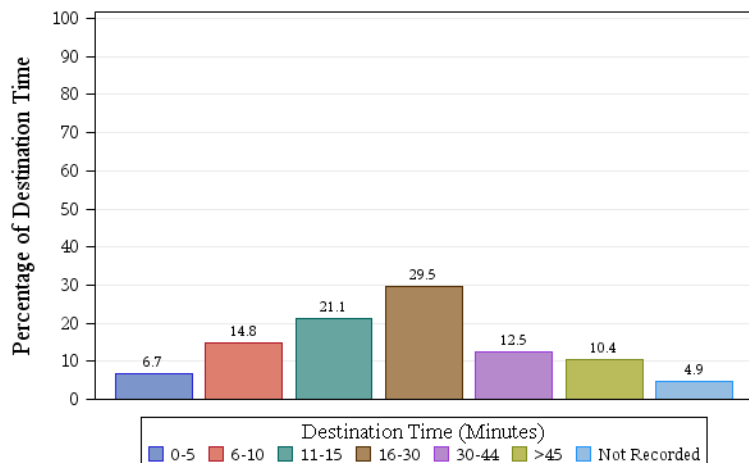
Time To Patient: Difference in Time from Arrival at Scene

### Scene Time (Minutes)



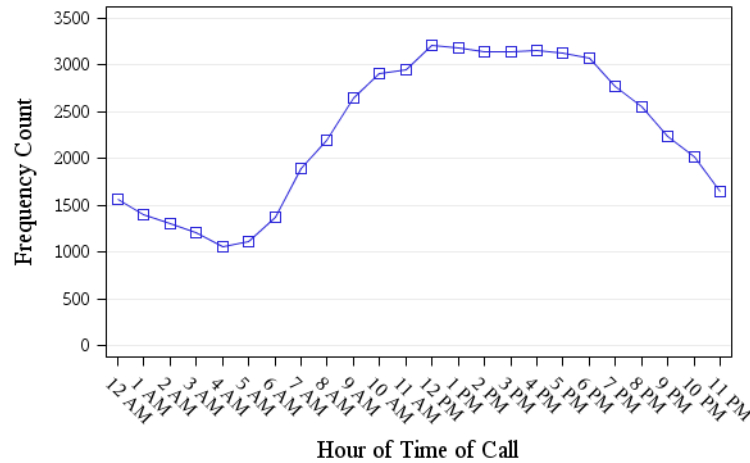
Scene Time: Difference in Time from Arrival at Scene

### 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 73,344 Incidents

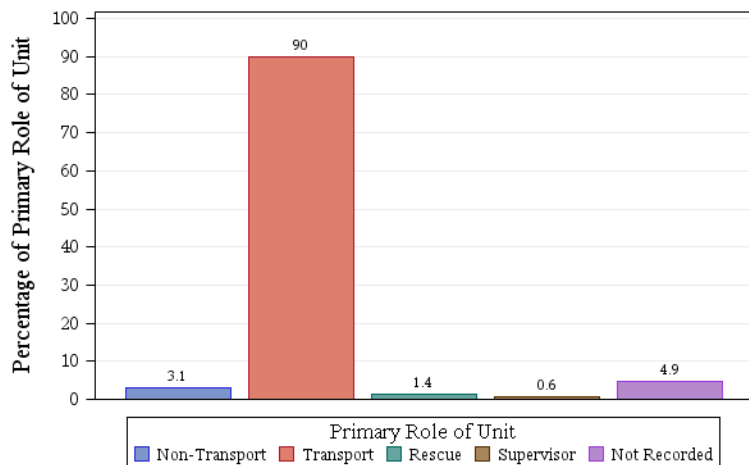
### Average Run Mileage

Obs	Destination	Miles
1	Mileage to Scene	2.1
2	Mileage to Destination	3.1
3	Total Mileage	6.2

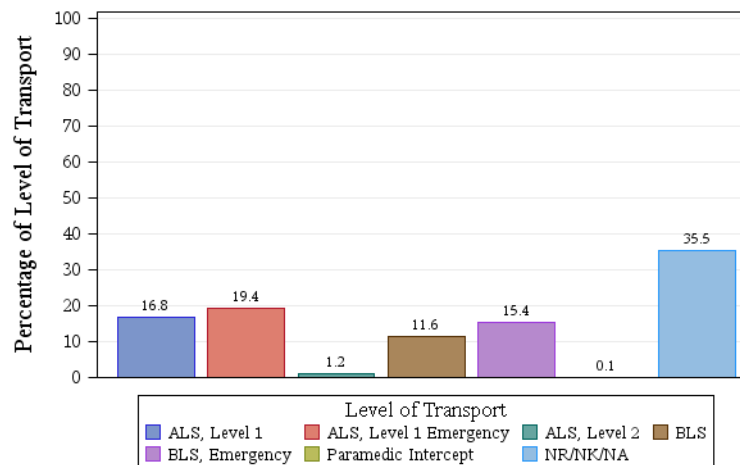
### Average Run Time

Obs	Destination	Minutes
1	Time to Scene	11.95
2	Time to Patient	2.77
3	Time at Scene	18.07
4	Time to Destination	17.68
5	Back in Service	23.19
6	Total Run Time	61.26

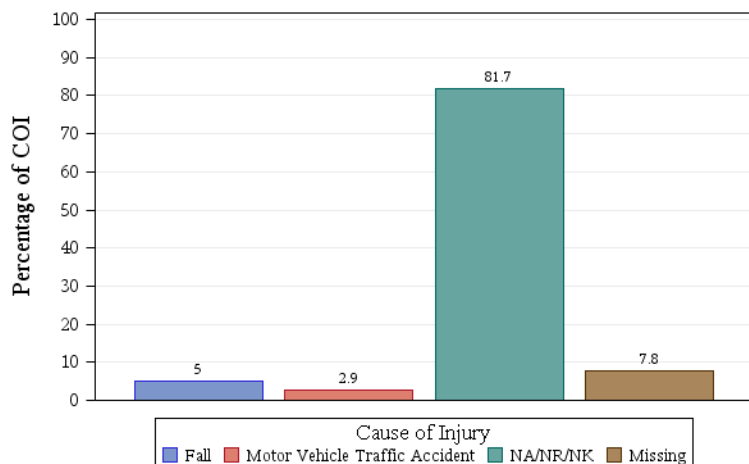
### Primary Role of Unit



### Level of Transport

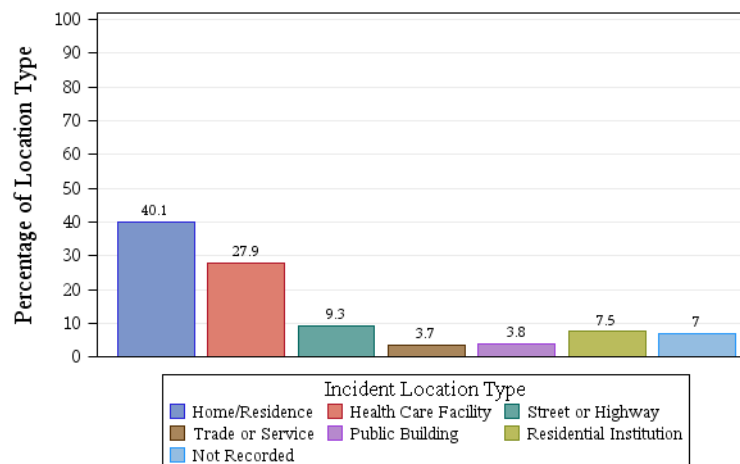


### Cause of Injury (COI)



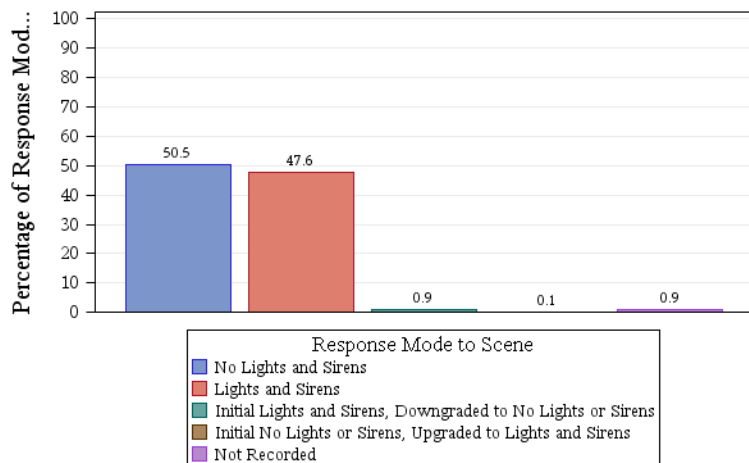
Causes of Injury <1.5% not listed (40 variables)

### Incident Location Type

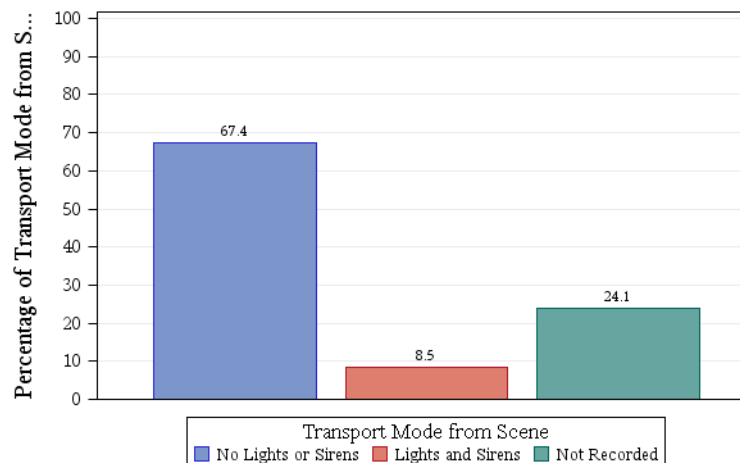


Incident Location Type <1% not listed (4 variables)

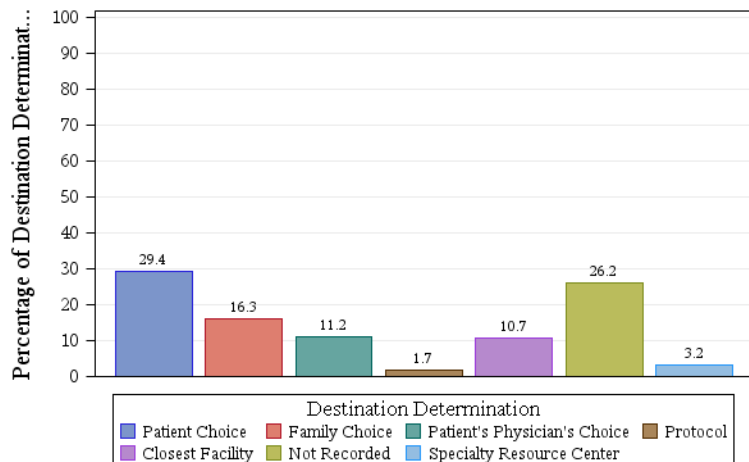
### Response Mode to Scene



### Transport Mode from Scene

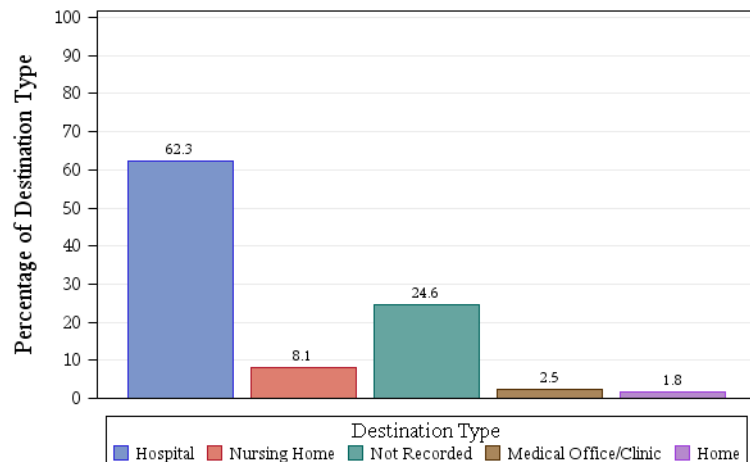


### Destination Determination



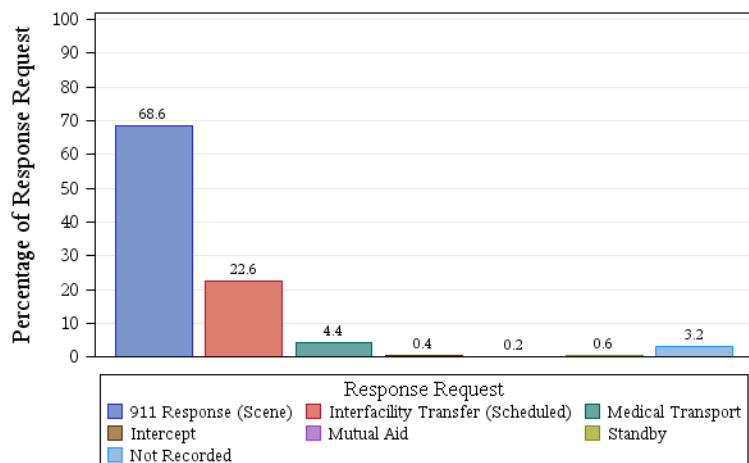
Destination Determinations <1% Not Listed (5 Variables)

### Destination Type

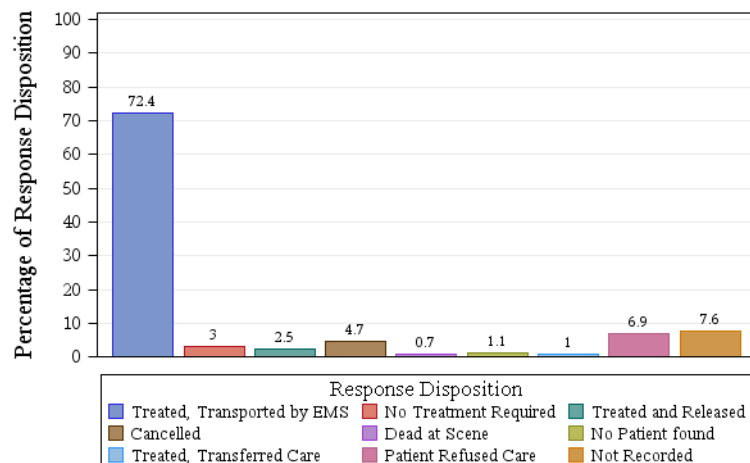


<1% Destination Type: EMS Responder (Ground), Other Morgue, Other EMS Responder (Air), Police/Jail

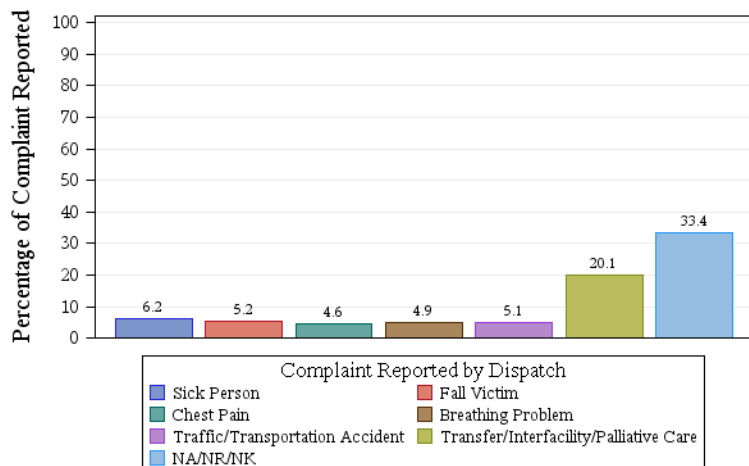
### Response Request



### Response Disposition

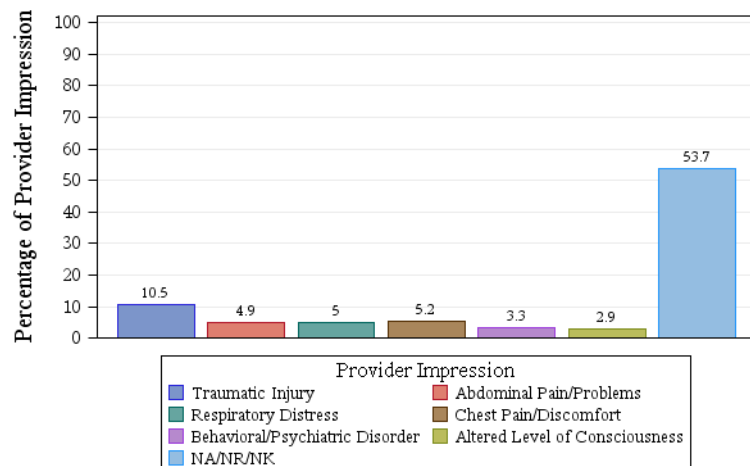


## Complaint Reported by Dispatch



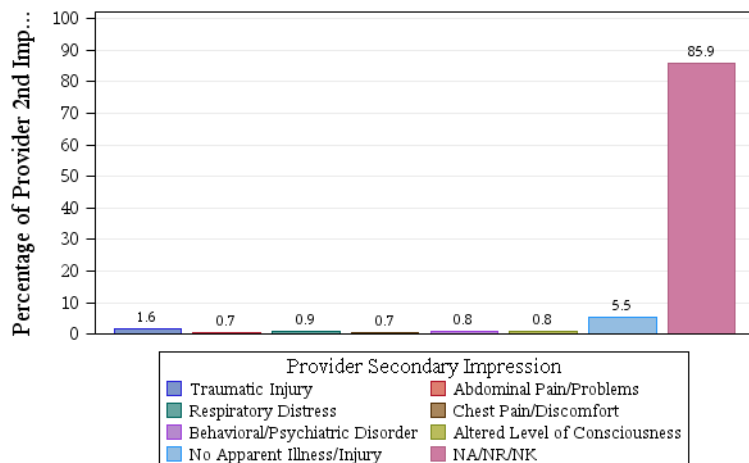
Complaints <2.5% not listed (10 variables)

## Provider Primary Impression



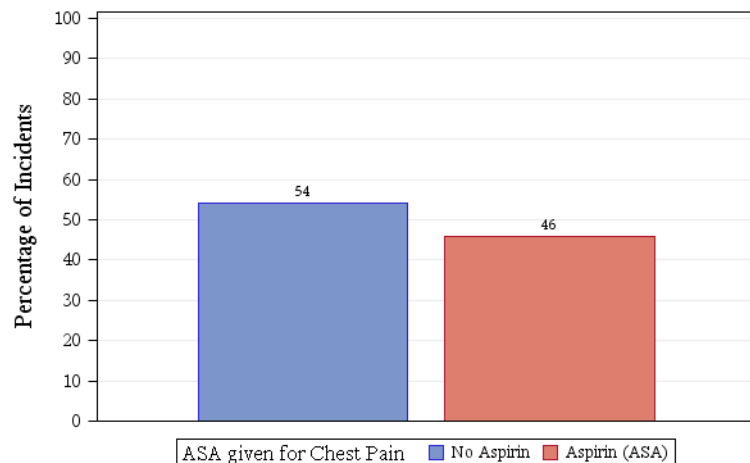
Primary Impressions <2.5% not listed, 26 variables

## Provider Secondary Impression



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

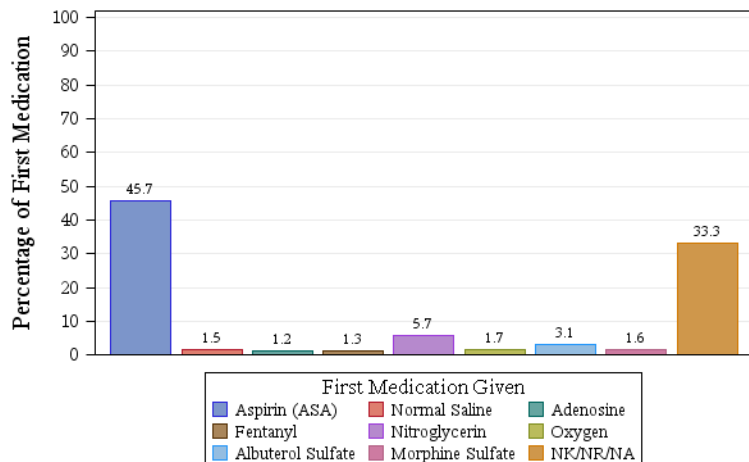
## Chest Pain Incidents where ASA Given



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= 11,463

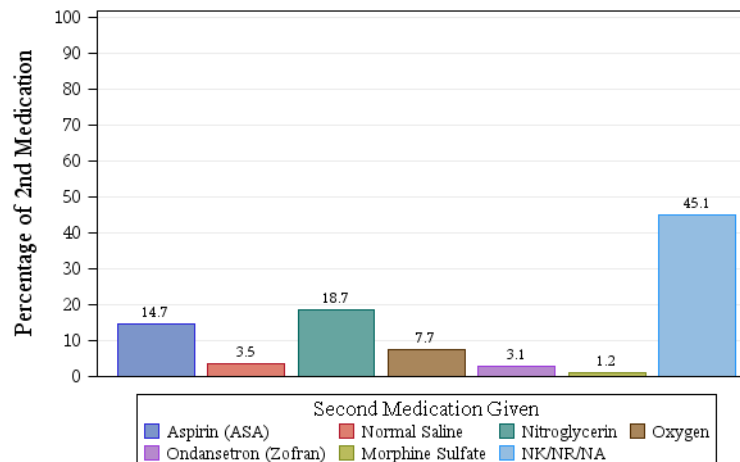


### First Medication Given for Chest Pain



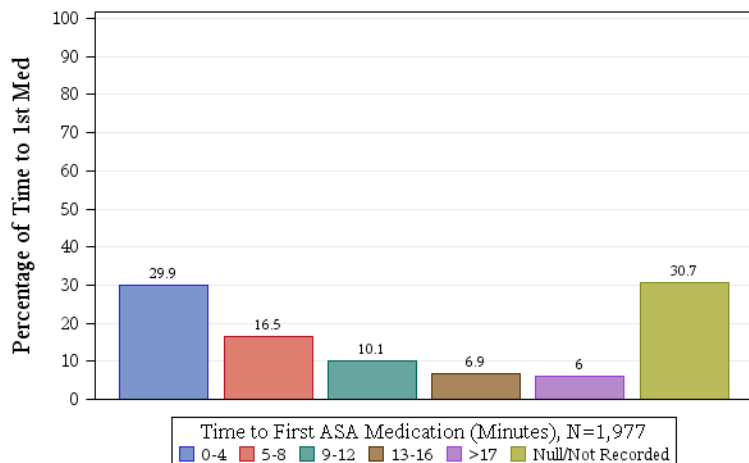
First Medications <0.5% not listed (39 variables)

### Second Medication Given for Chest Pain



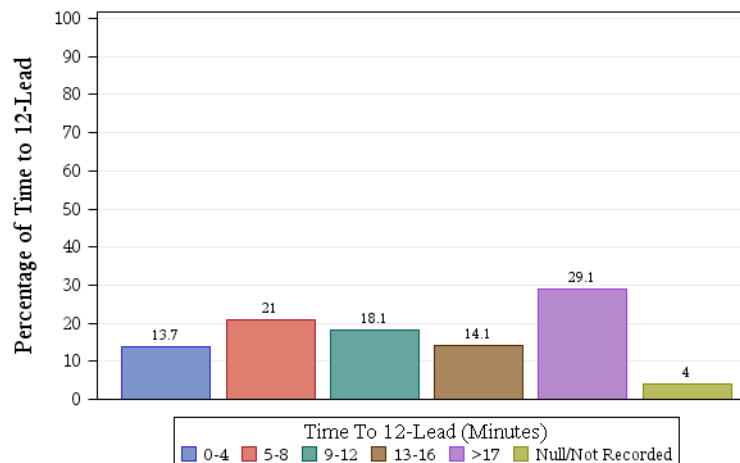
Second Medications <1% not listed (51 variables)

### 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=8950

## Indiana Trauma Registry- March 1, 2013 to March 27, 2014 - 19817 Incidents Injury Severity Score By Public Health Preparedness Districts

