

This report from the Indiana State Department of Health (ISDH) EMS registry includes 262,140 runs from 151 pre-hospital providers during the time frame from April 1, 2014 through March 31, 2015. This report also focuses on several sub-populations in this time frame:

1. 65,535 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. 41,069 incidents where the 12 lead ECG procedure was performed.

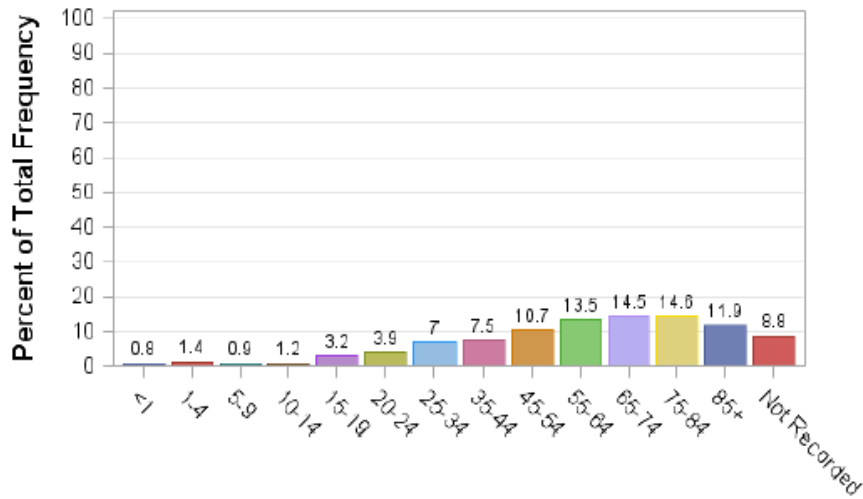
Lastly, 24,440 incidents were reported to the ISDH Indiana Trauma Registry from the same time period (April 1, 2014 through March 31, 2015) and were included to provide data on the injury severity score (ISS) by public health preparedness district.

Approximately 0.99% of chest pain cases were reported to have allergies to aspirin (71 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.



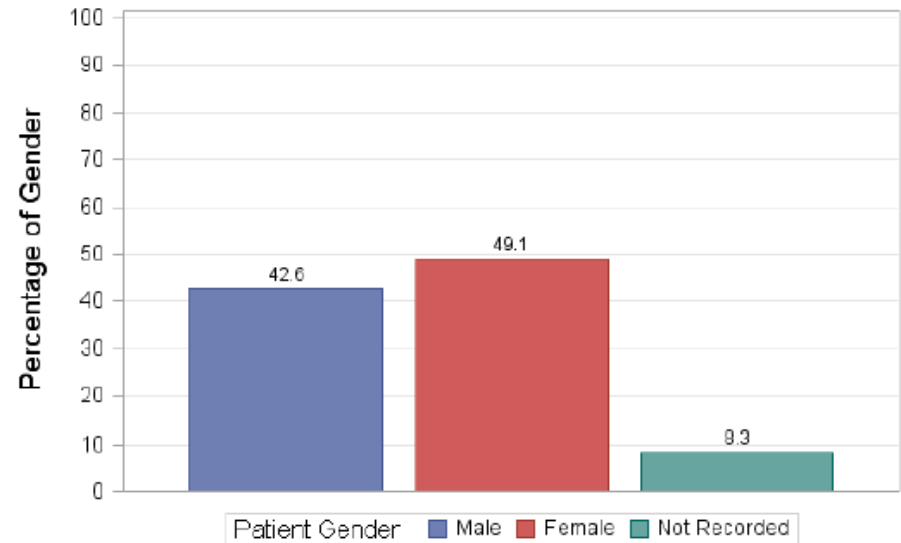
*Indiana Trauma Registry Pre-Hospital Data Report  
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**Patient Age**

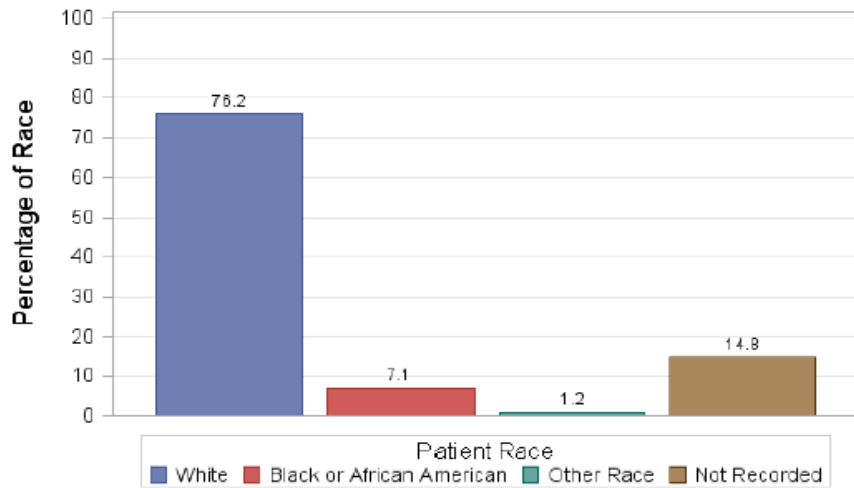


**Patient Age Groupings (Years)**

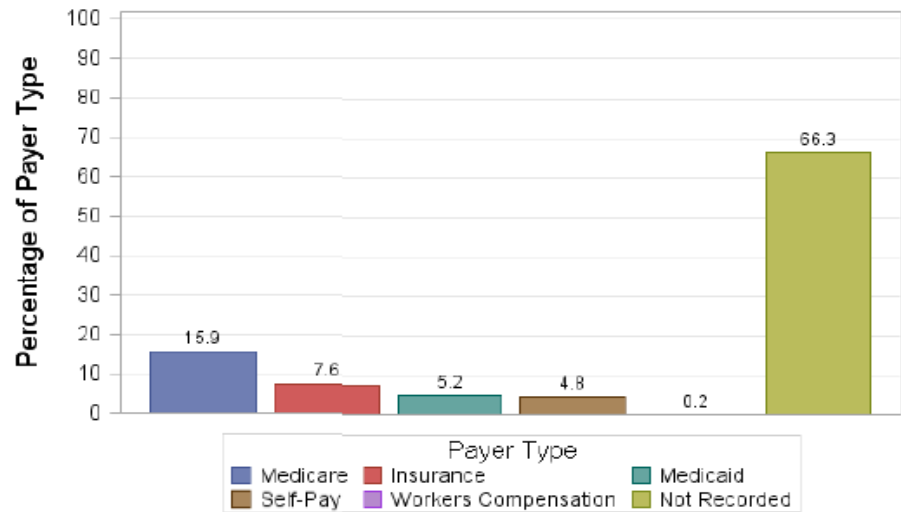
**Patient Gender**



**Patient Race**



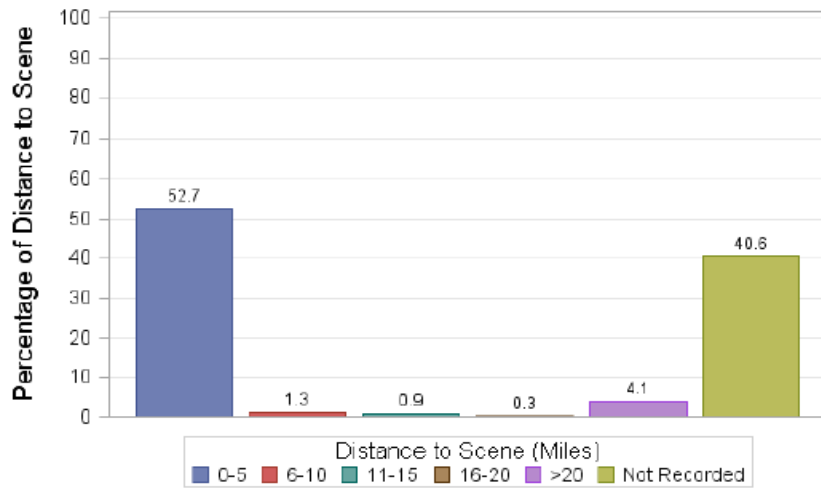
**Payer Type**



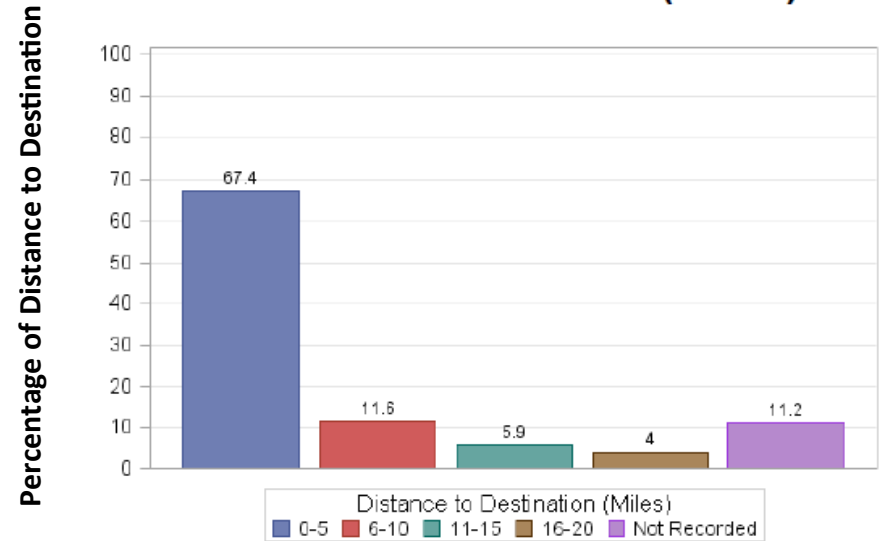
<1% Race: Asian, Native Hawaiian, American Indian/Alaskan Native

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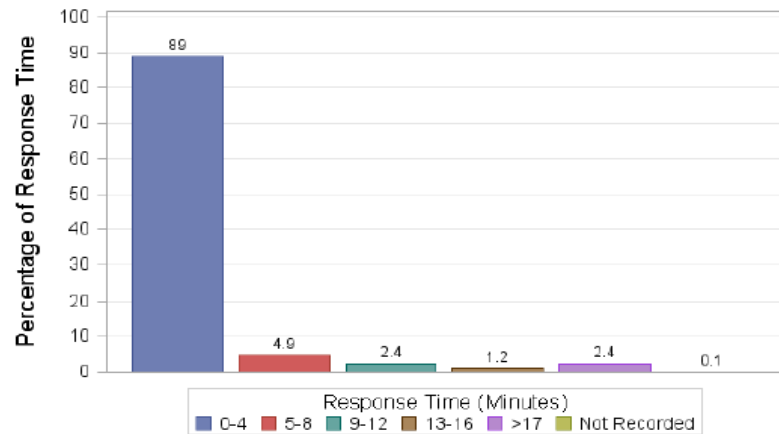
**Distance to Scene (Miles)**



**Distance to Destination (Miles)**

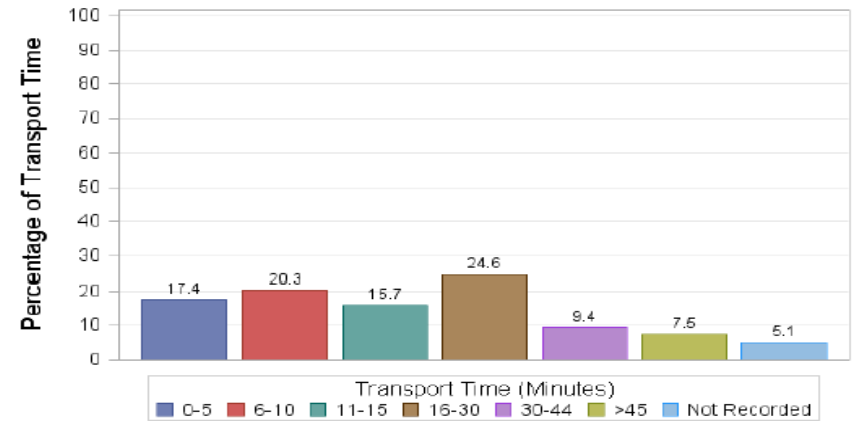


**Response Time (Minutes)**



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

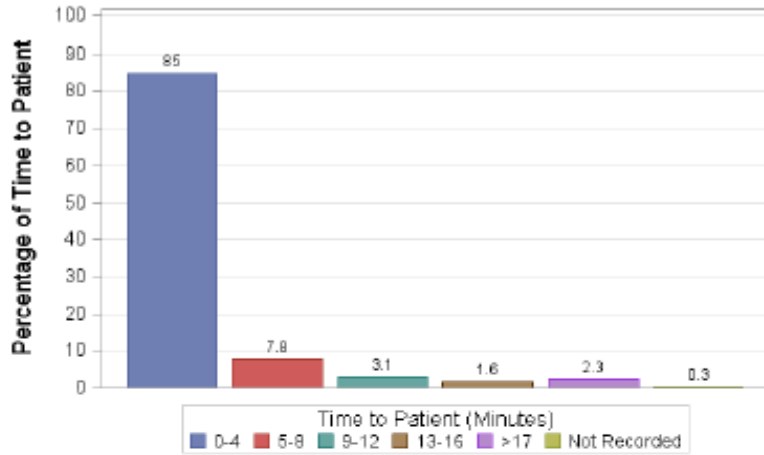
**Transport Time (Minutes)**



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

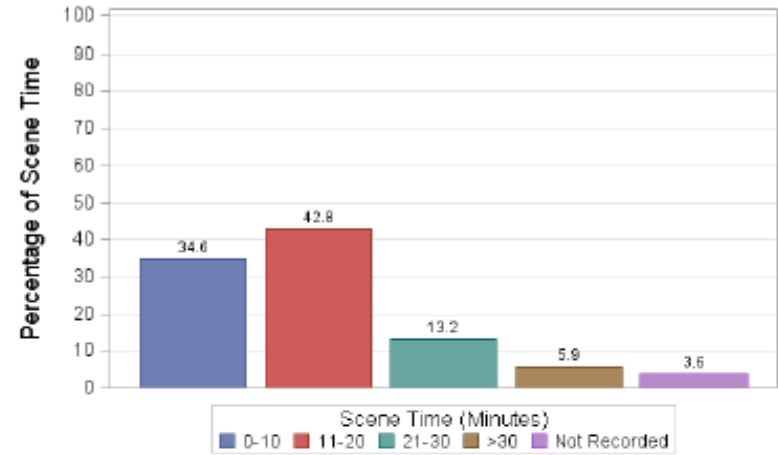
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**Time to Patient (Minutes)**



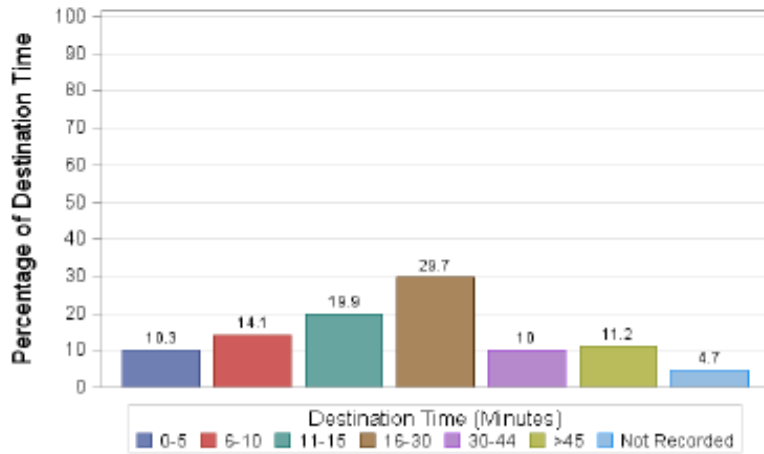
Time To Patient: Difference in Time from Arrival at Scene to Patient Arrival

**Scene Time (Minutes)**



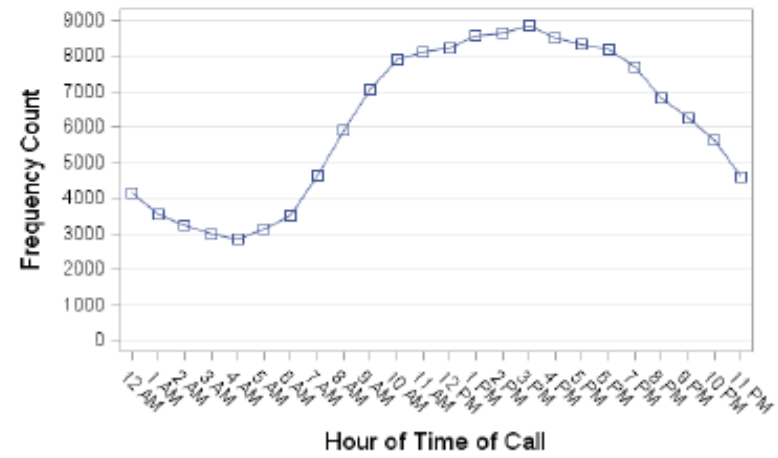
Scene Time: Difference in Time from Arrival at Scene to Leaving Scene

**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 114,655 Incidents

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### Average Run Mileage

Obs	Destination	Miles
1	Mileage to Scene	3.8
2	Mileage to Destination	3.9
3	Mileage to Ending	2.0

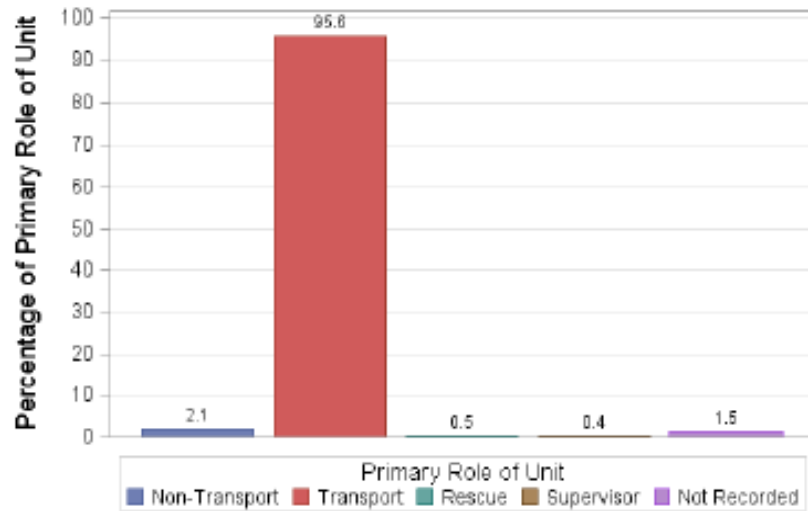
Total Mileage 9.7

### Average Run Time

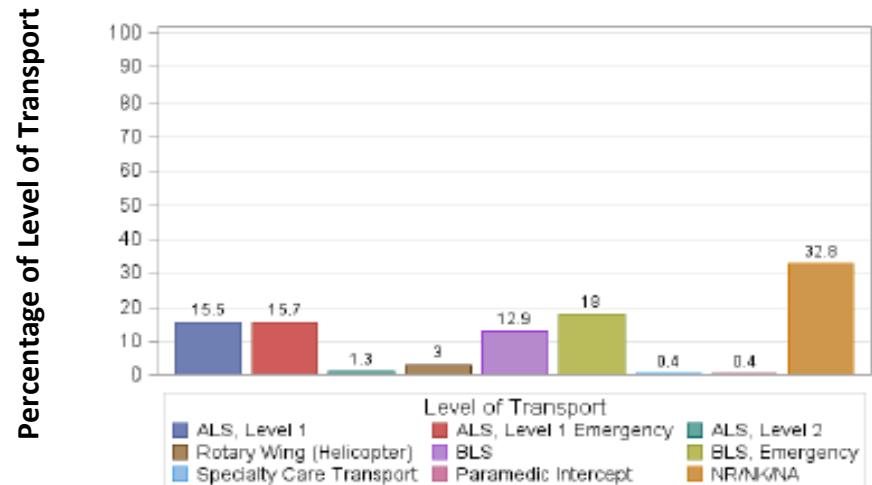
Obs	Destination	Minutes	Begin	Missing	End	End_Missing
1	Time to Departure	2.49	E05_04	0.30%	E05_05	2.60%
2	Time to Scene	8.73	E05_05	2.60%	E05_06	4.00%
3	Time to Patient	2.83	E05_06	4.00%	E05_07	21.4%
4	Time with Patient	15.06	E05_07	21.4%	E05_09	14.1%
5	Time to Destination	18.59	E05_09	14.1%	E05_10	19.7%
6	Back in Service	23.08	E05_10	19.7%	E05_11	0.20%
7	Total Run Time	64.49	E05_04	0.30%	E05_11	0.20%

Variables may be found in the NEMSIS V2 Data Dictionary

### Primary Role of Unit

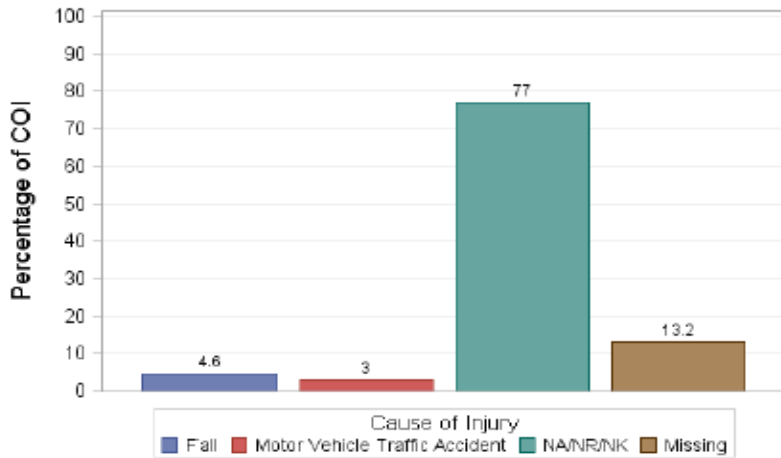


### Level of Transport



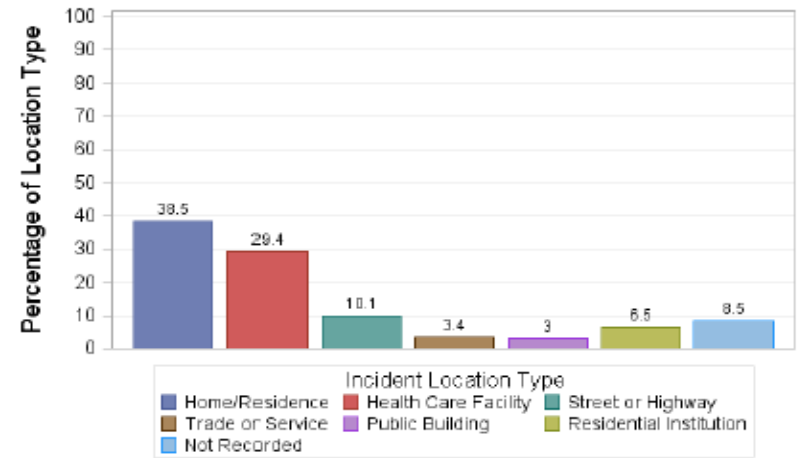
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### Cause of Injury (COI)



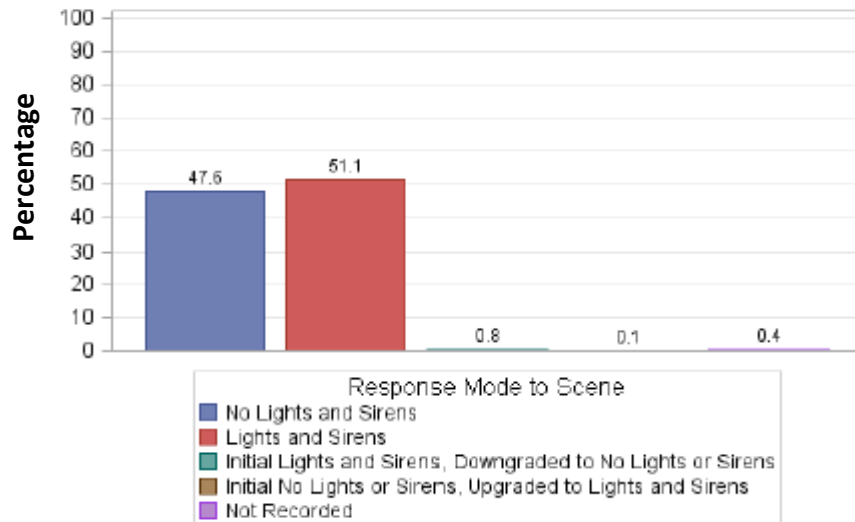
Causes of Injury <1.5% not listed (40 variables)  
 Bites, Machinery Accidents, Fire/Flames, Pedestrian Traffic

### Incident Location Type

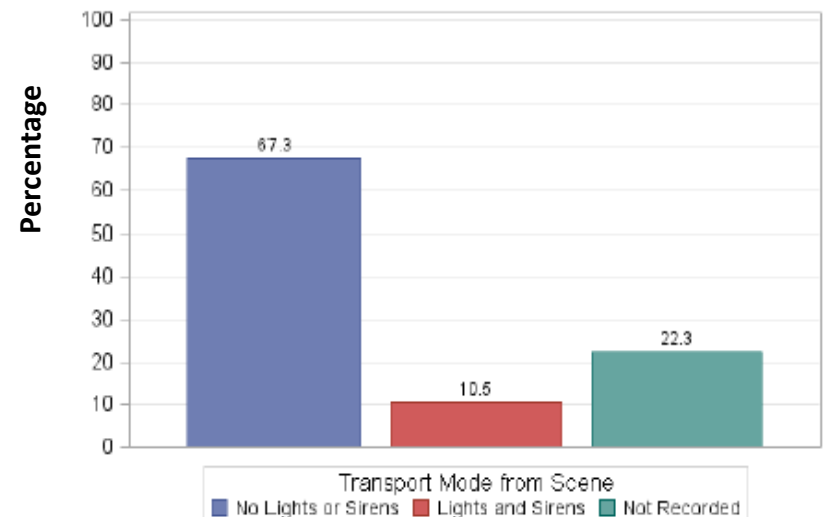


Incident Location Type <1% not listed (4 variables)  
 Recreation, Farm, Mine, Lake

### Response Mode to Scene



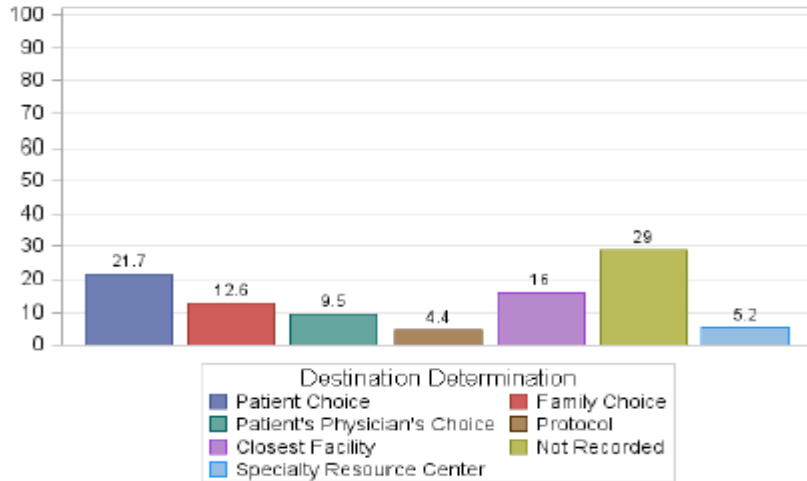
### Transport Mode from Scene



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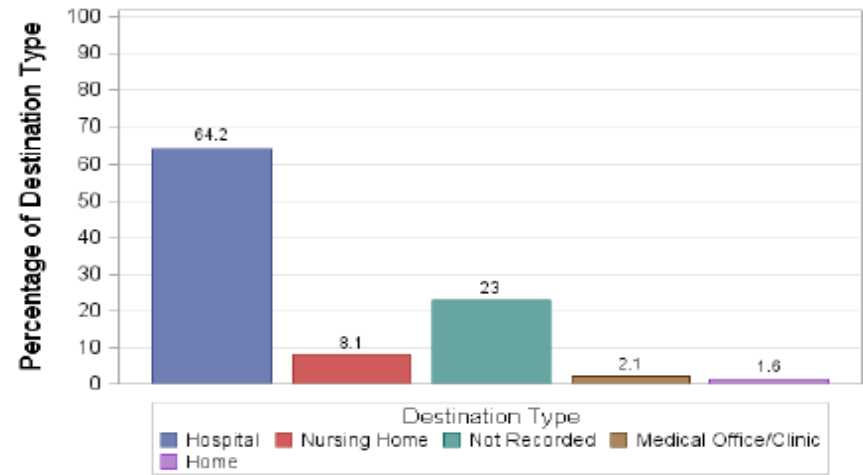
Percentage of Destination Determination

### Destination Determination



Destination Determinations <1% Not Listed (5 Variables)

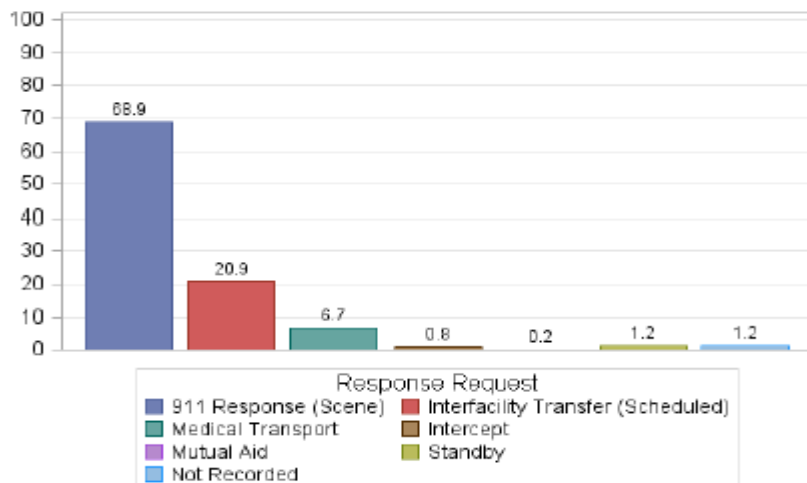
### Destination Type



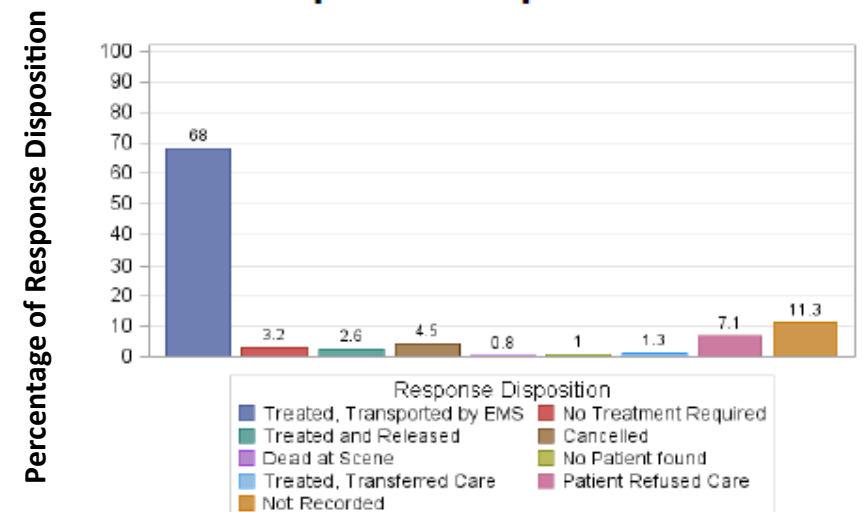
<1% Destination Type: EMS Responder (Ground), Other Morgue, Other EMS Responder (Air), Police/Jail

Percentage of Destination Type

### Response Request

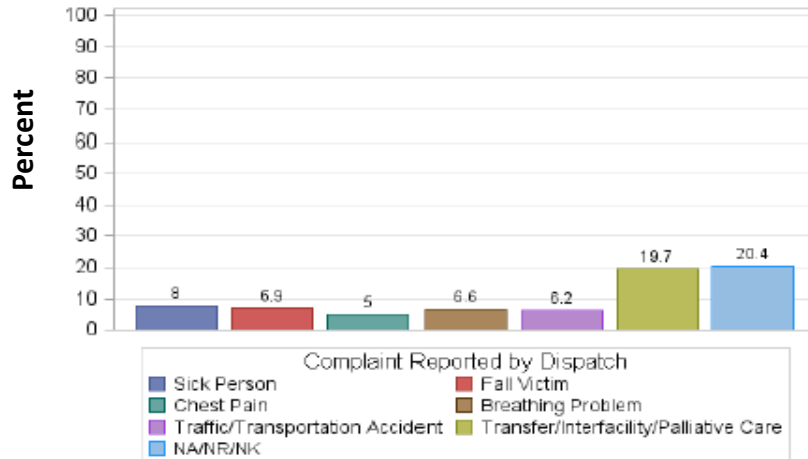


### Response Disposition



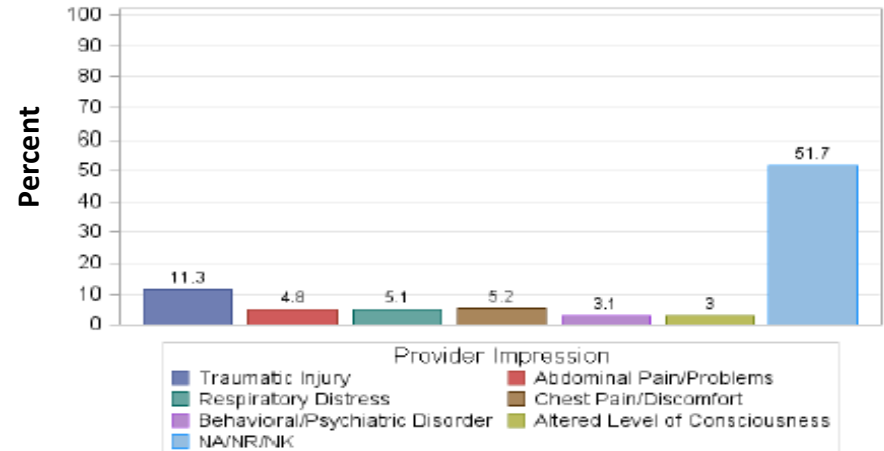
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**Complaint Reported by Dispatch**



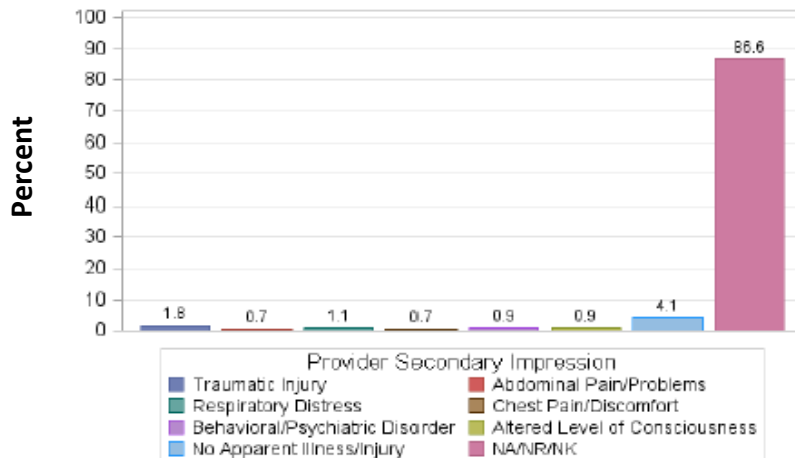
Complaints <3.0% not listed (42 variables)

**Provider Primary Impression**



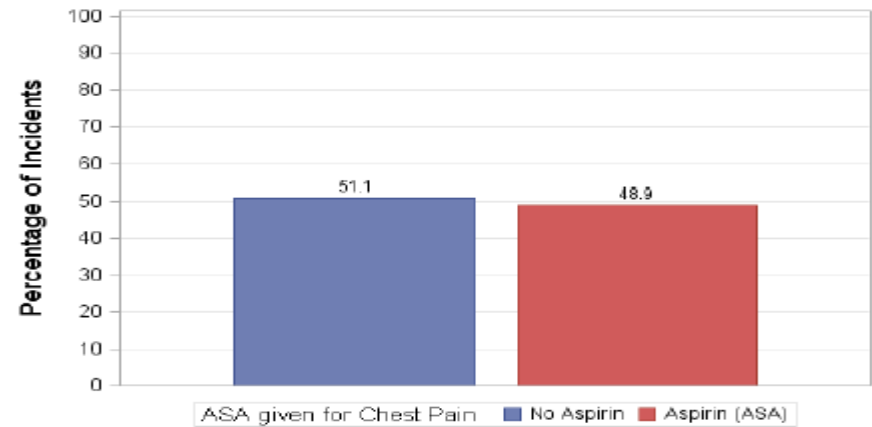
Primary Impressions <2.5% not listed, 27 variables

**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**

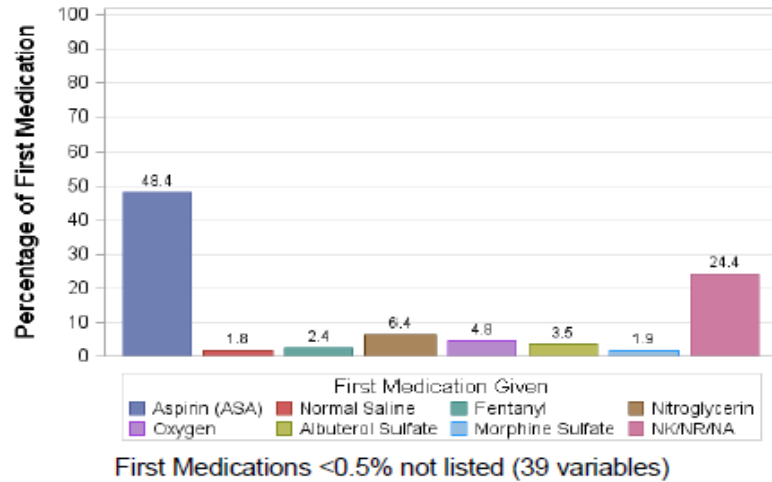


**Chest Pain Incidents where ASA was Given (2013-YTD)**  
Chest Pain as complaint reported by dispatch or the provider's primary or secondary impression; N= 32,074

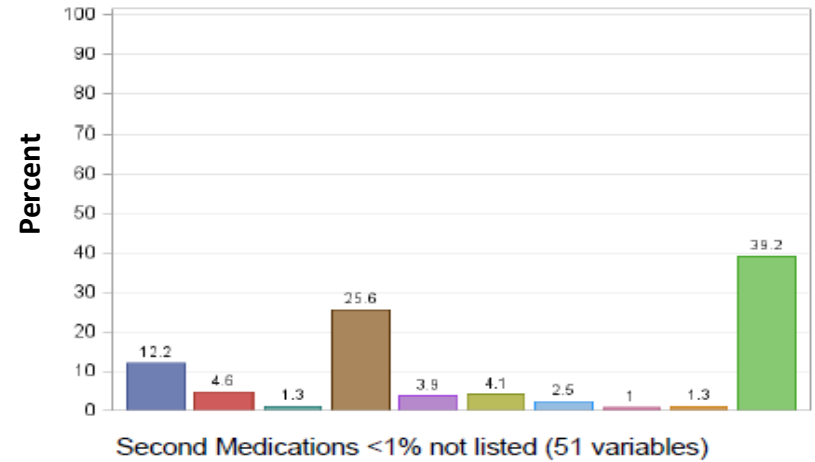


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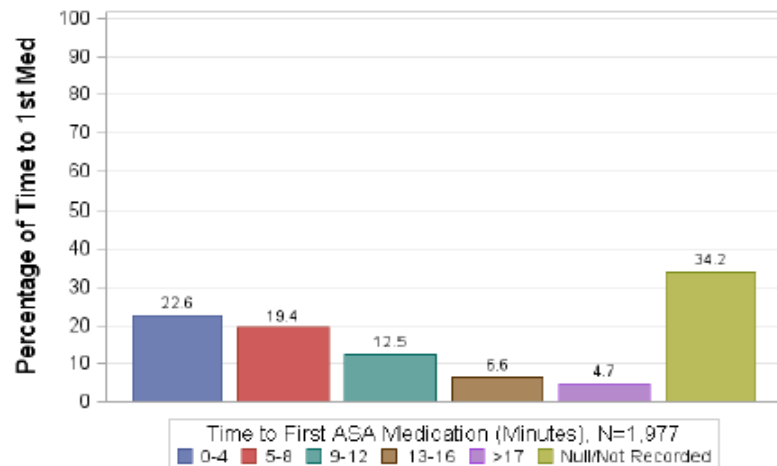
**First Medication Given for Chest Pain**



**Second Medication Given for Chest Pain**

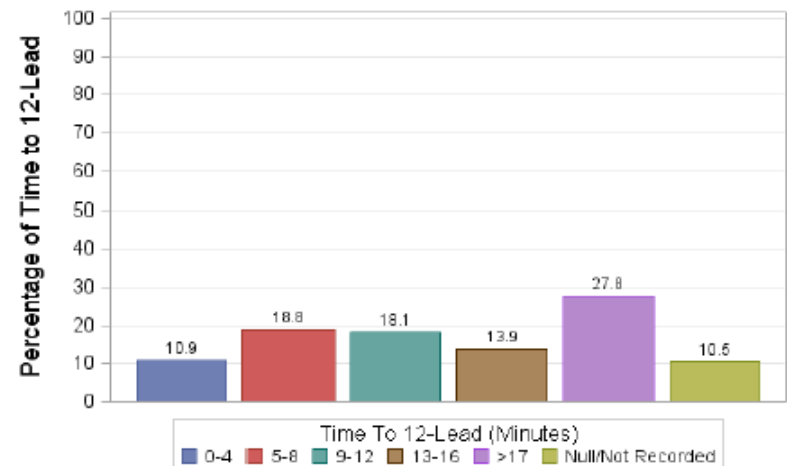


**Time to First ASA Medication (Minutes)**



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=41,069

*Indiana Trauma Registry April 1, 2014—March 31, 2015 24,440 Incidents  
Injury Severity Score By Public Health Preparedness Districts*

