

# Texas trauma hospitalization summary report, 2014

**Injury Epidemiology & Surveillance Branch**  
Environmental & Injury Epidemiology and Toxicology Unit  
Environmental Epidemiology and Disease Registries Section  
Texas Department of State Health Services



# Report summary

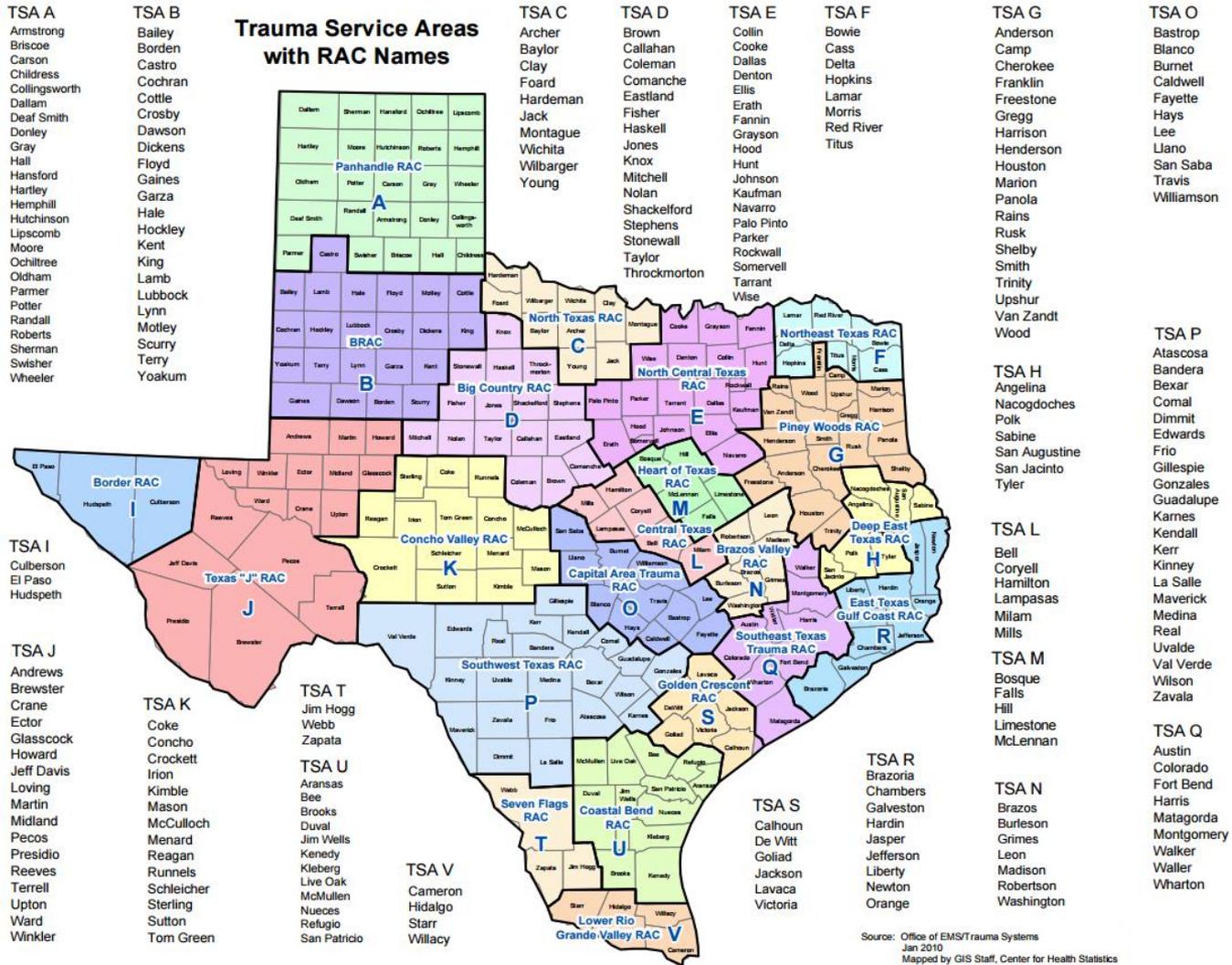
- The following report was generated with trauma hospitalization records submitted to the Texas EMS & Trauma Registries in 2014.
- This report includes only data on records that were reported to the Registries through a passive surveillance system.
- Results are from the final 2014 trauma hospitalization dataset.

# Inclusion Criteria (Hospitals)

Per Texas Administrative Code, Title 25, Chapter 103, Rule § 103.7, hospitals shall report hospitalizations meeting the following criteria:

- A spinal cord injury, (ICD-9-CM **diagnosis codes** 806.0-806.9 and 952.0-952.9) **OR...**
- A traumatic brain injury, (ICD-9-CM **diagnosis codes** 348.1, 800.0-801.9, 803.0-804.9, 850.0-854.1, and 994.1) **OR...**
- Another traumatic injury, (ICD-9-CM **diagnosis codes** 800-959.9 excluding 905-909, 910-924, and 930-939), **AND** at least one of the following:
  - admitted to a hospital inpatient setting (for >48 hours)
  - died after receiving any evaluation or treatment or was dead on arrival
  - transferred into or out of the hospital

# Trauma Service Areas

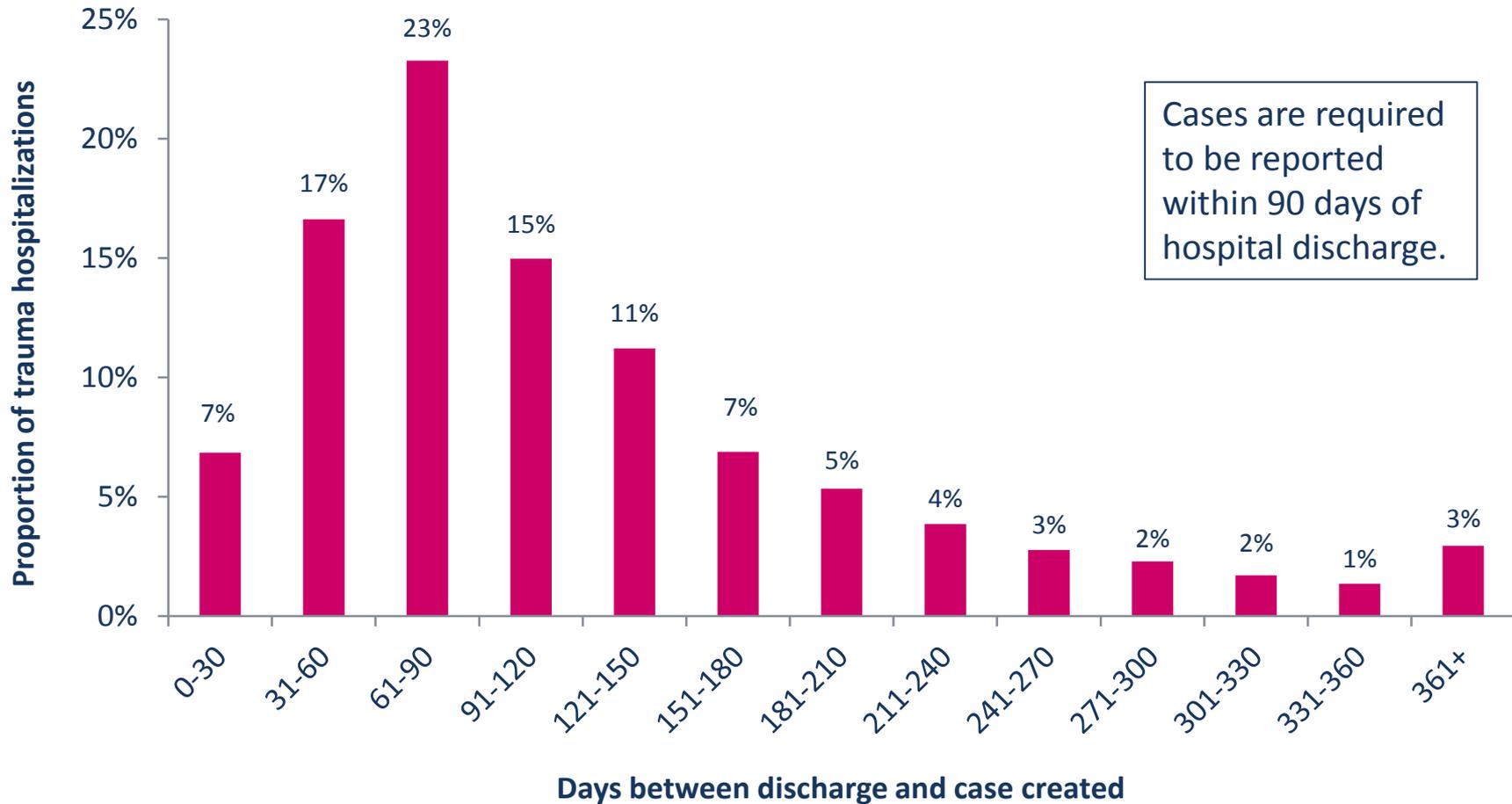


Source: Office of EMS/Trauma Systems  
Jan 2010  
Mapped by GIS Staff, Center for Health Statistics  
May 2010

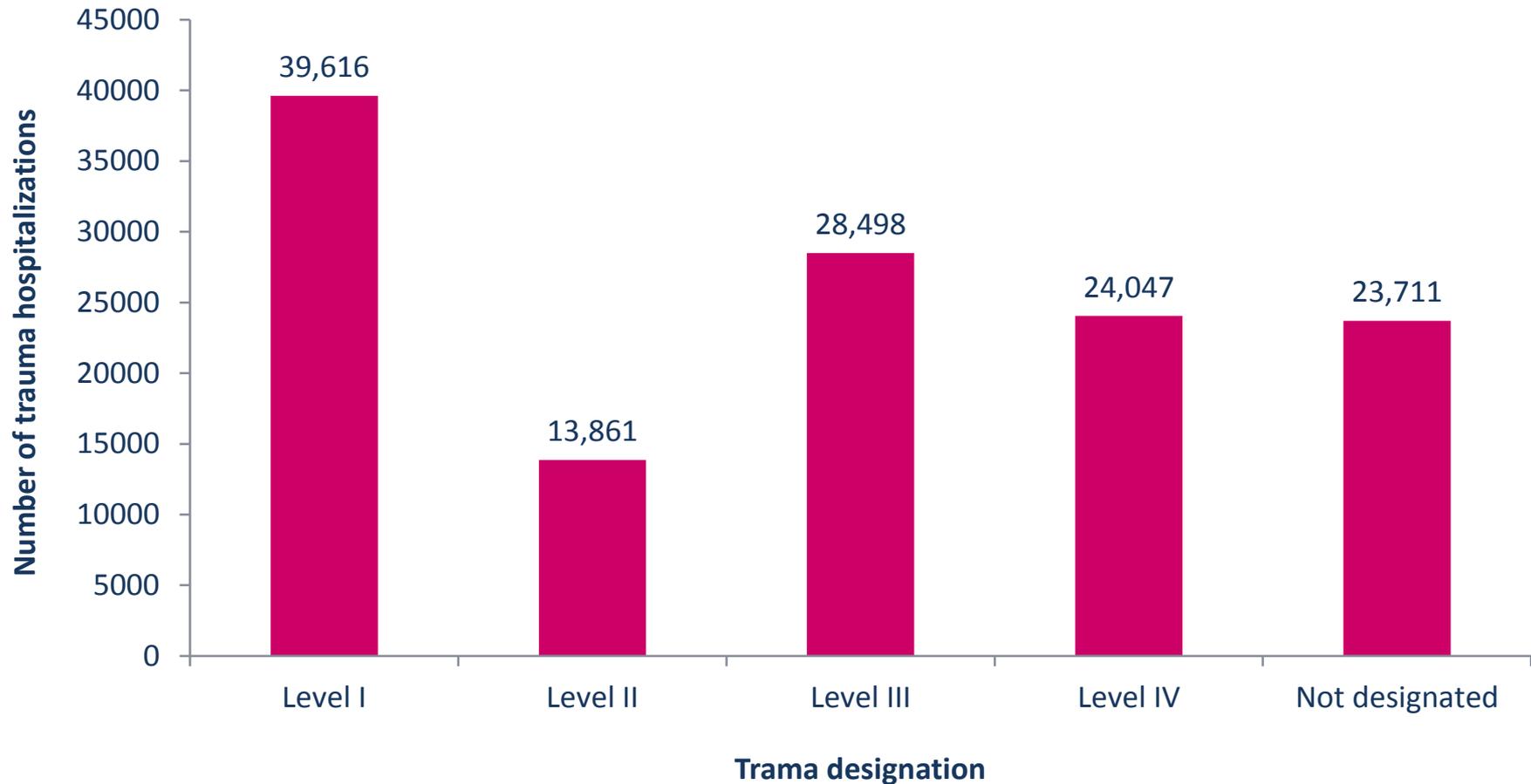
# Records Received, Texas, 2014

	Total cases	Hospitals submitting cases
Trauma Hospitalizations	129,733	336

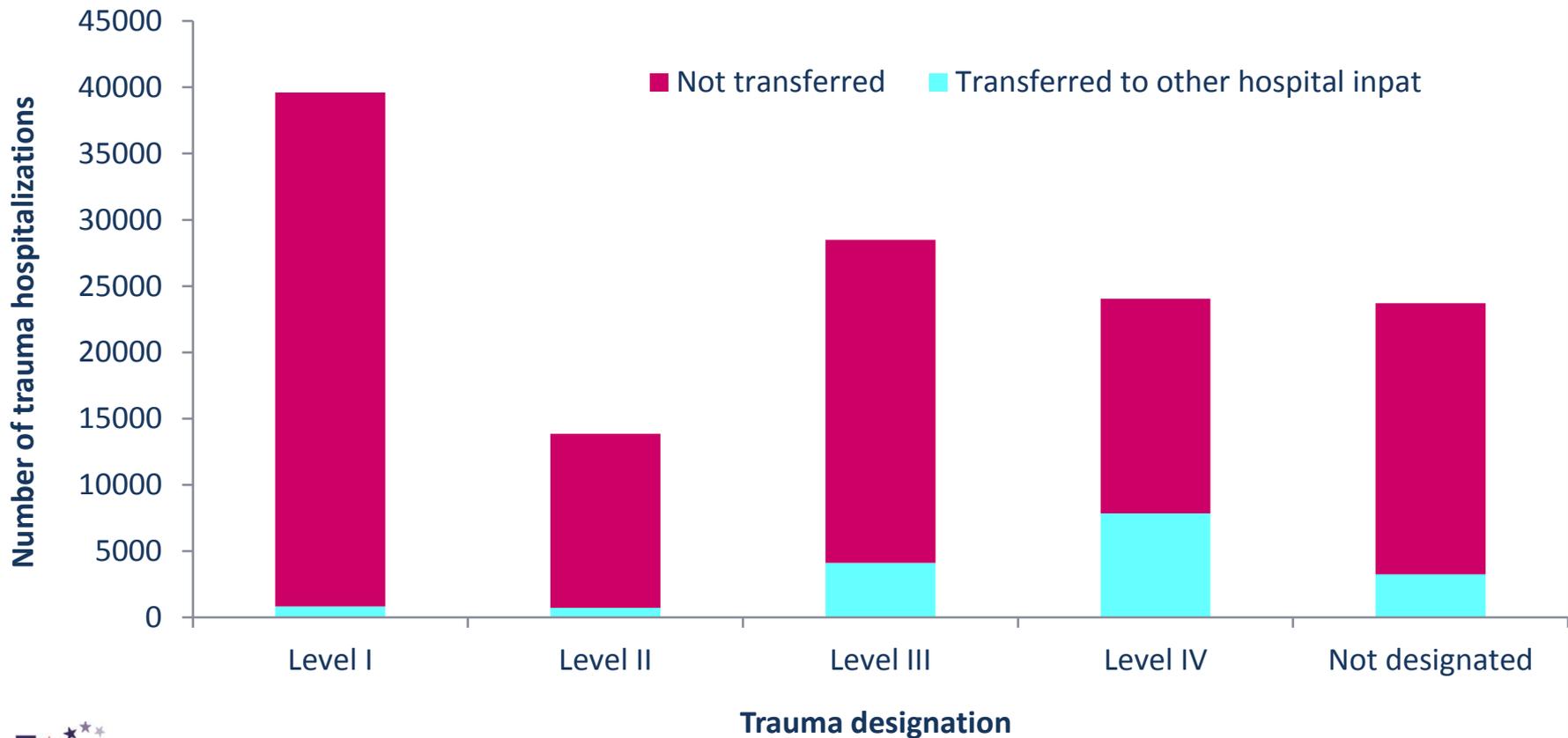
# Timeliness of reporting for trauma hospitalizations\*, 2014



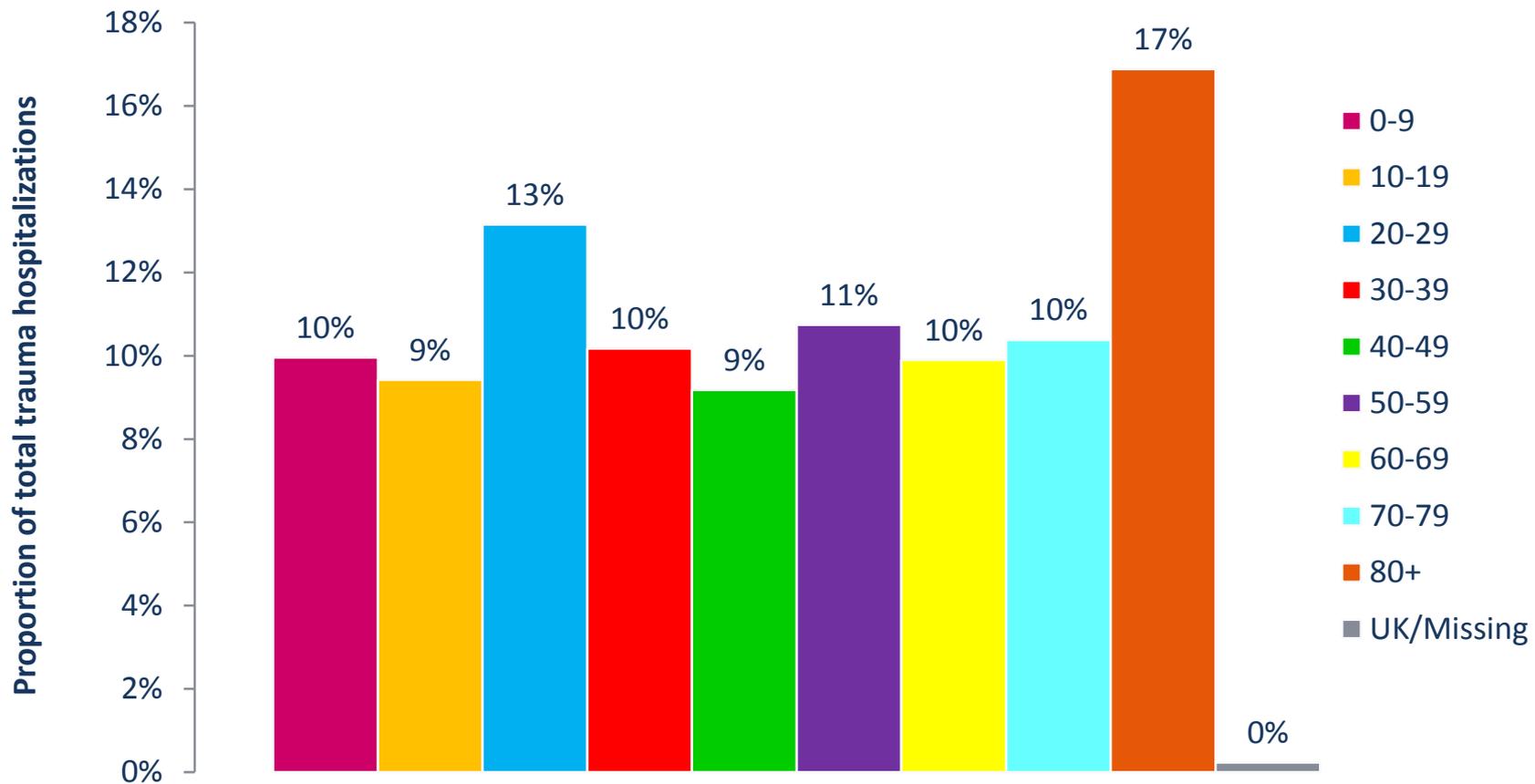
# Trauma hospitalizations by trauma designation, 2014



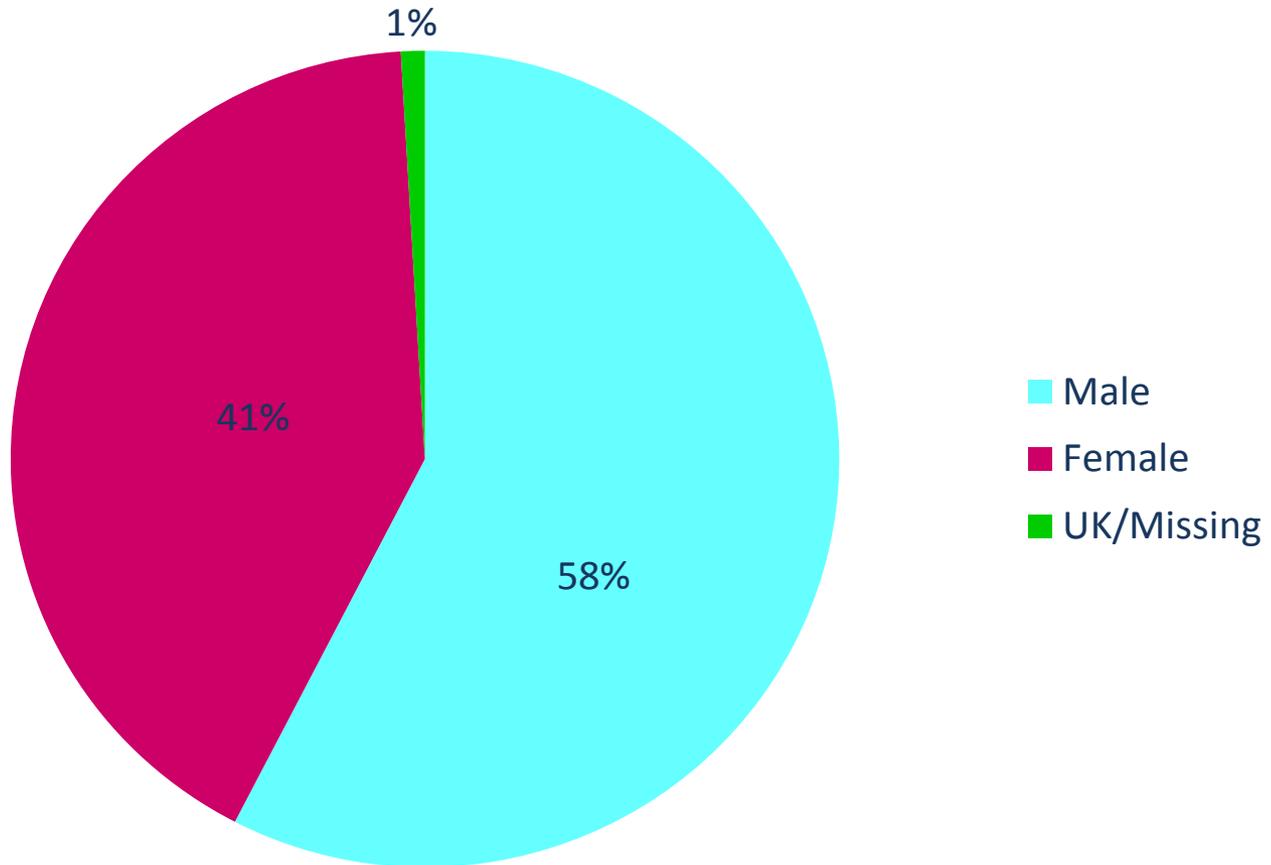
# Trauma hospitalizations transferred out by trauma designation, 2014



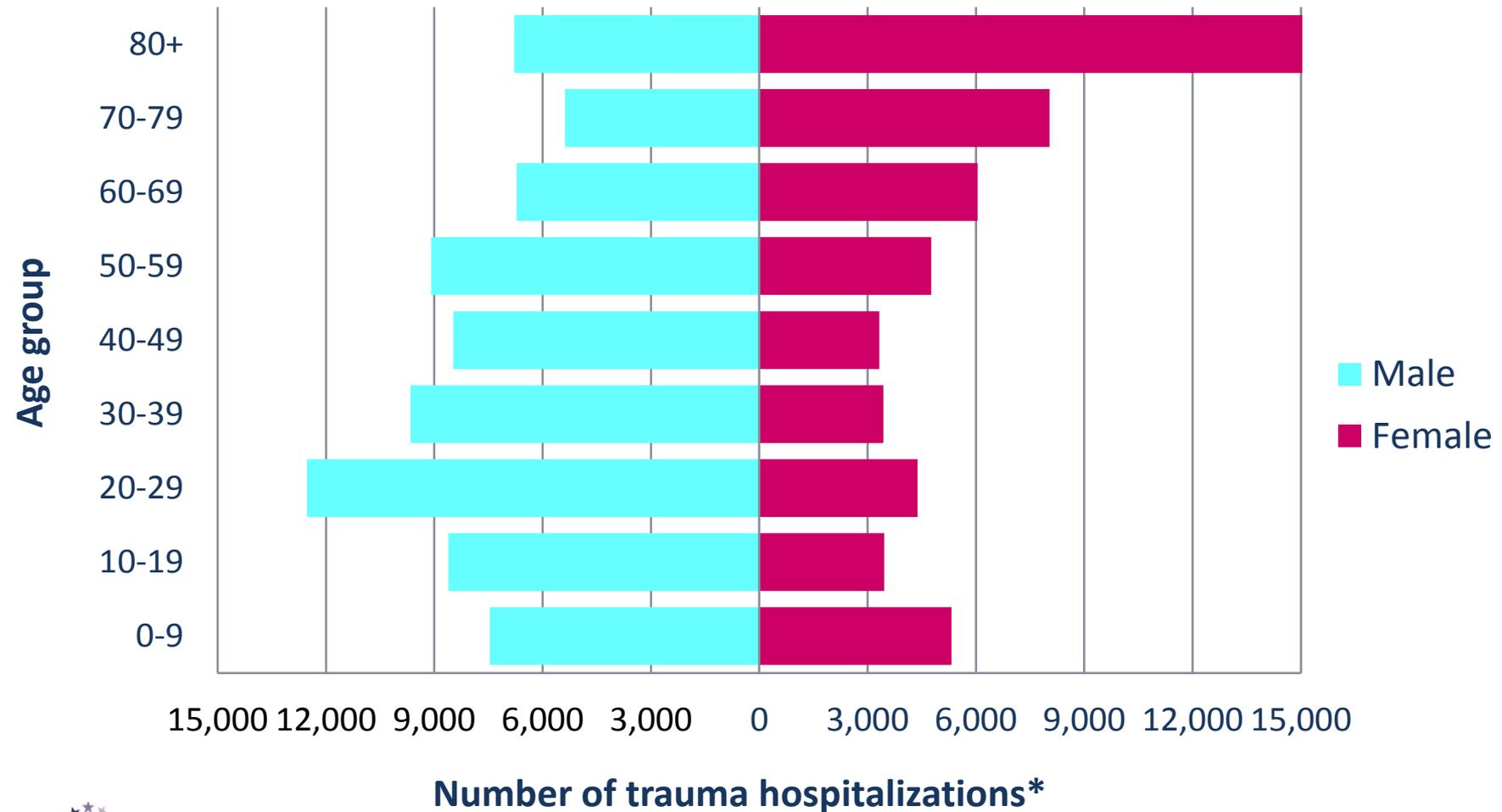
# Trauma hospitalizations by age group, 2014



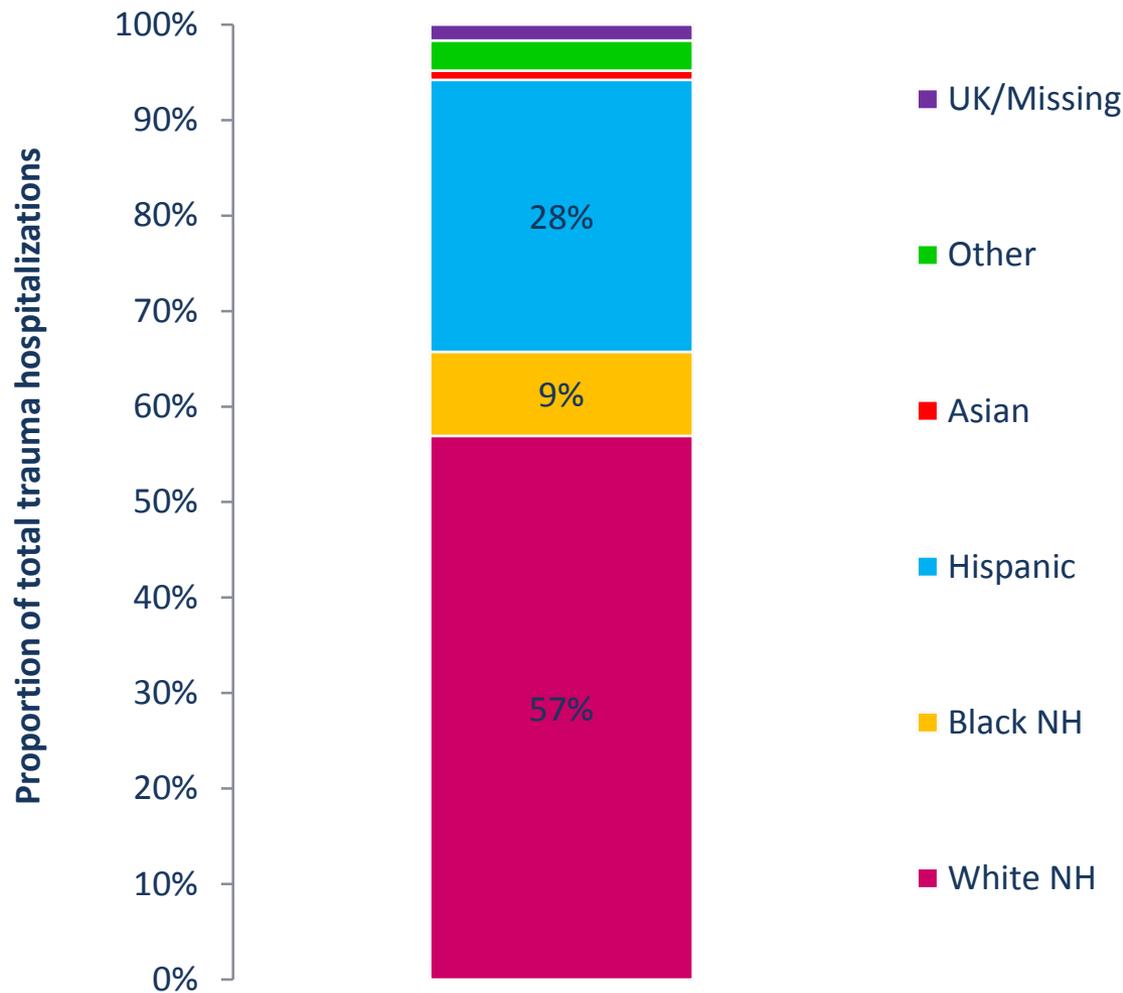
# Trauma hospitalizations by sex, 2014



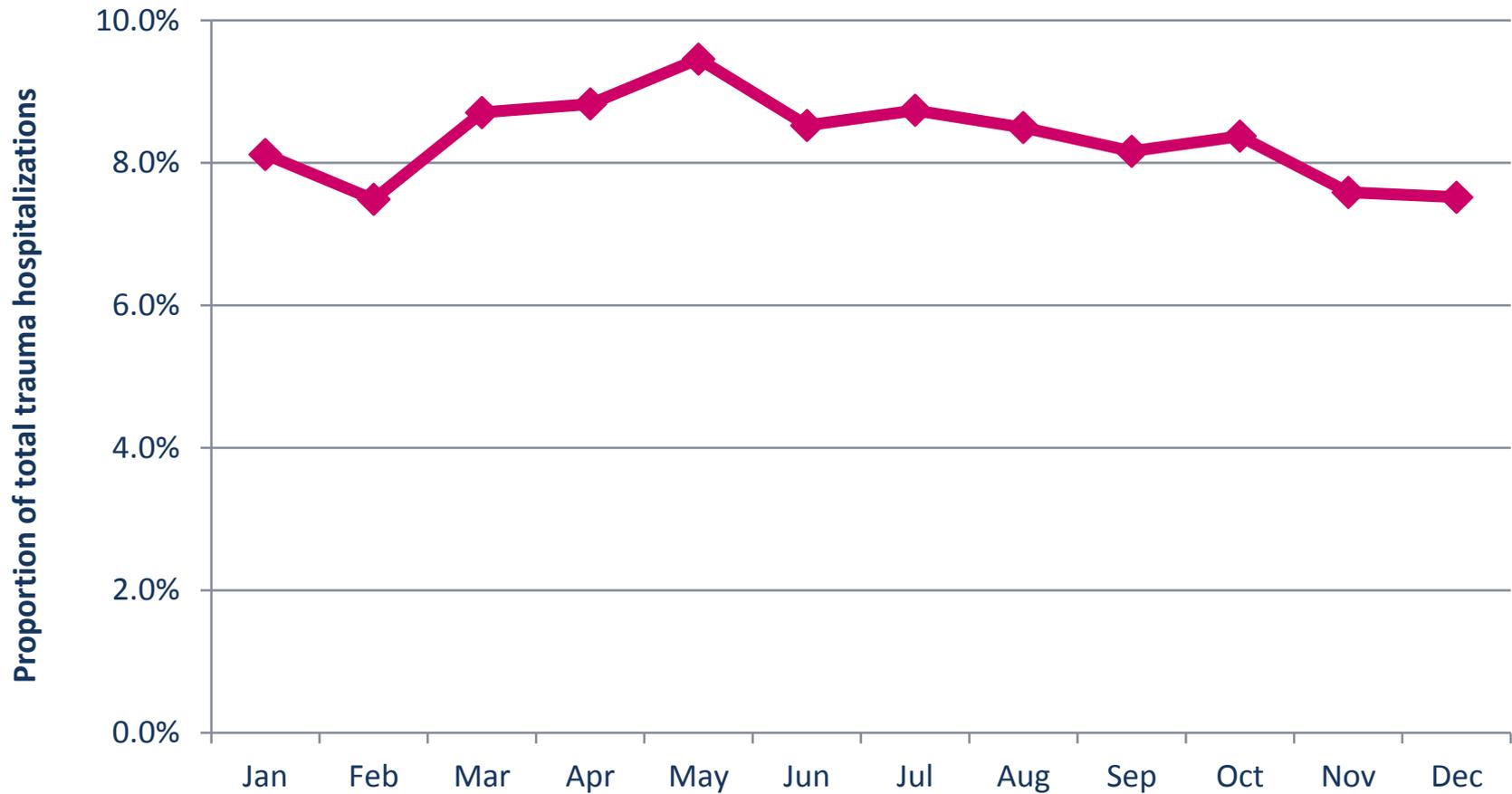
# Trauma hospitalizations by age and sex, 2014



# Trauma hospitalizations by race/ethnicity, 2014



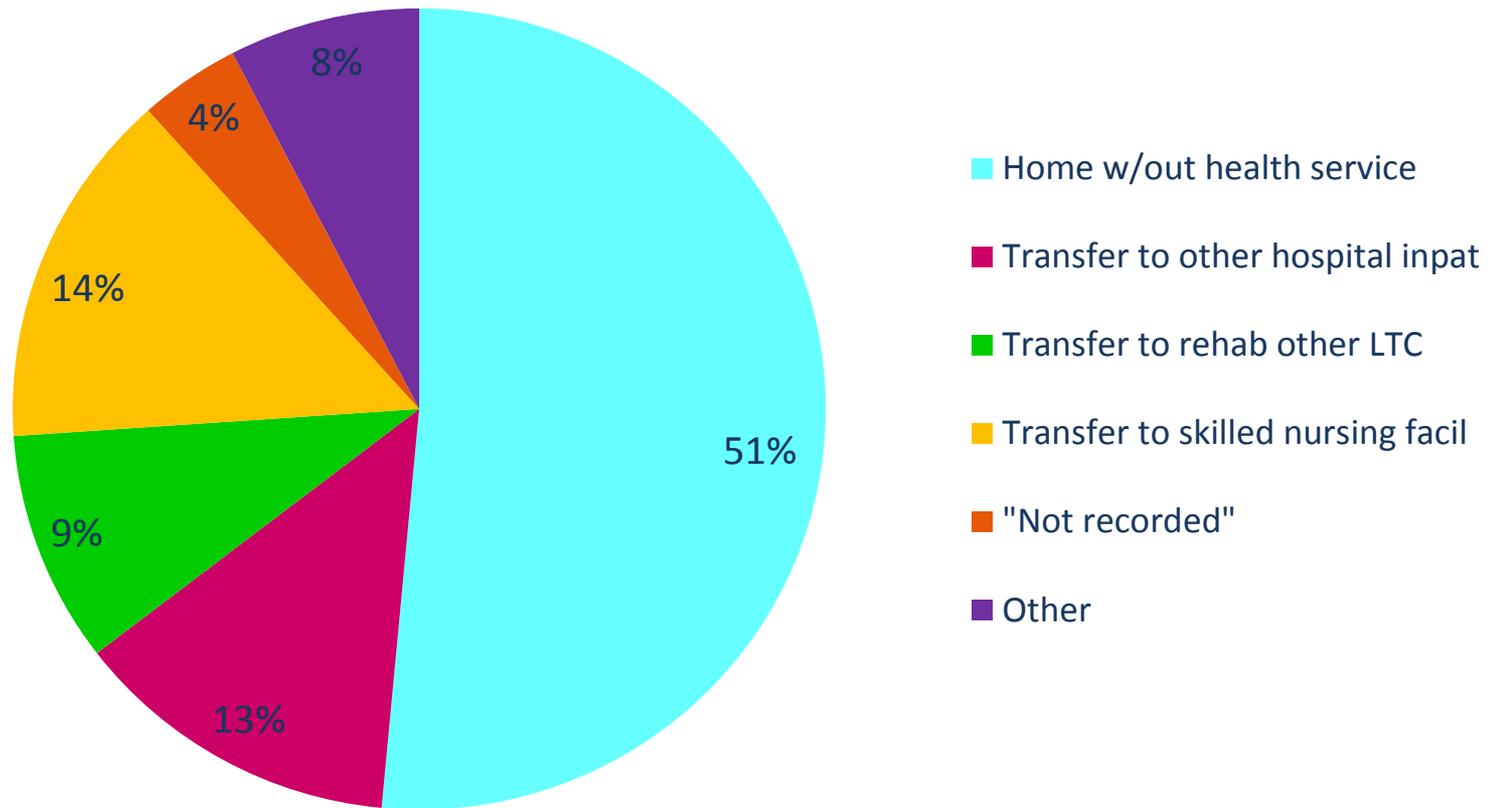
# Trauma hospitalizations by month, 2014



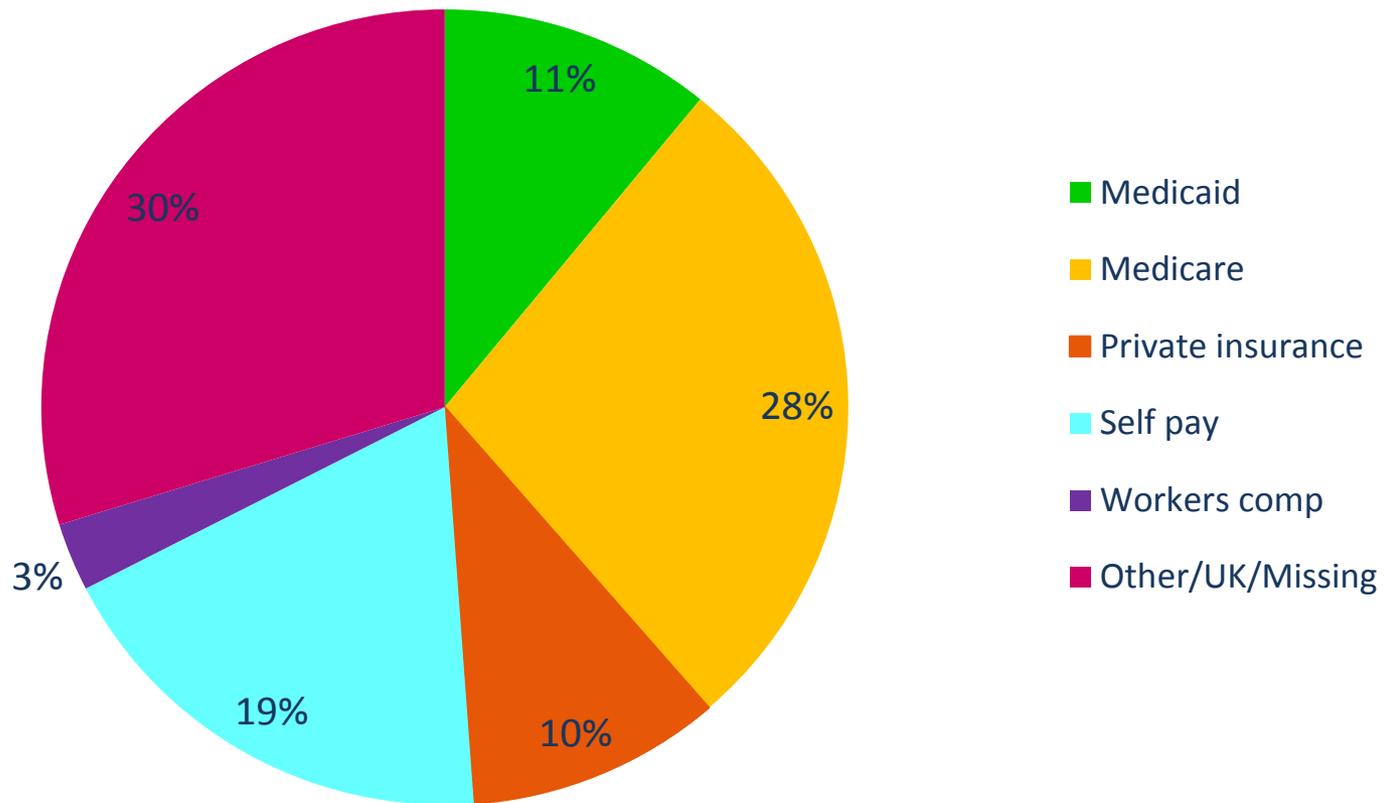
# Trauma hospitalizations by time of incident, 2014



# Trauma hospitalizations by discharge disposition\*, 2014



# Trauma hospitalizations by payment source, 2014



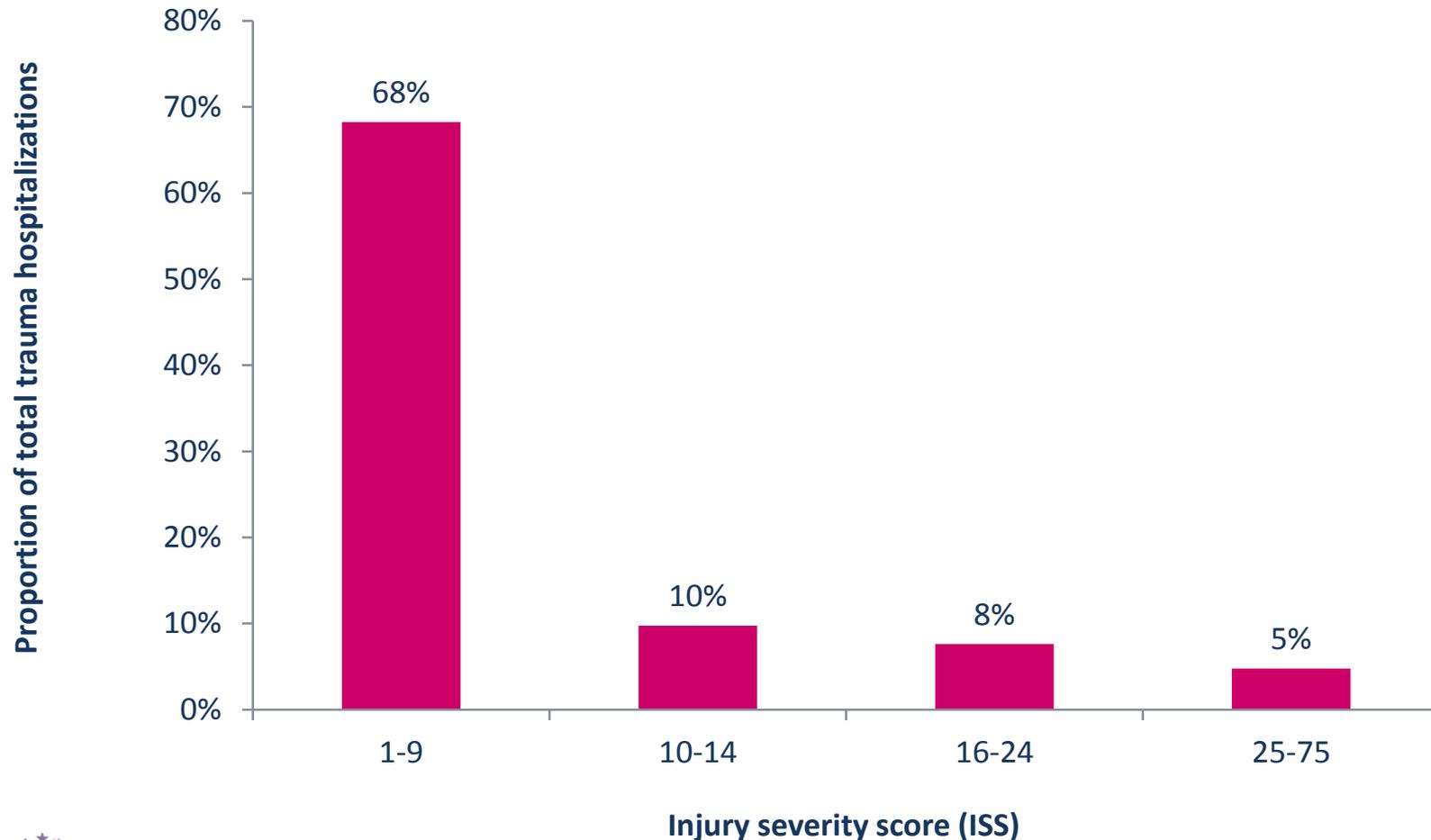
# Billed hospital charges\* for trauma hospitalizations, 2014

<b>Sum of charges</b>	\$7,492,014,650 (\$7.5 billion)
<b>Median charge</b>	\$28,087
<b>Mean charge</b>	\$76,850
<b>Minimum charge</b>	\$50
<b>Maximum charge</b>	\$20,091,947

# Trauma hospitalizations by injury mechanism and intent, 2014

	N	%
1. Unintentional fall	61,645	47.5%
2. Unintentional MVT	27,104	20.9%
3. Unintentional struck by/against	5,320	4.1%
4. Unintentional other transport	4,867	3.8%
5. Assault struck by/against	4,102	3.2%

# Trauma hospitalizations by ISS category\*, 2014



\*Cases with missing or invalid ISS category: N=12,477

# Trauma hospitalizations by LOS and ISS\*, 2014

	Median length of stay (LOS)
ISS 1 – 9	3 days
ISS 10 – 14	4 days
ISS 16 – 24	5 days
ISS 25 – 75	7 days

# Trauma hospitalizations: TBIs and SCIs, 2014

	N	%
Number of TBI's	23,527	18%
Number of SCI's	921	1%
<b>TOTAL HOSPITALIZATIONS</b>	<b>129,733</b>	

276 cases with both TBI & SCI

TBI: traumatic brain injury  
SCI: spinal cord injury

# Trauma hospitalizations case fatality rate, 2014

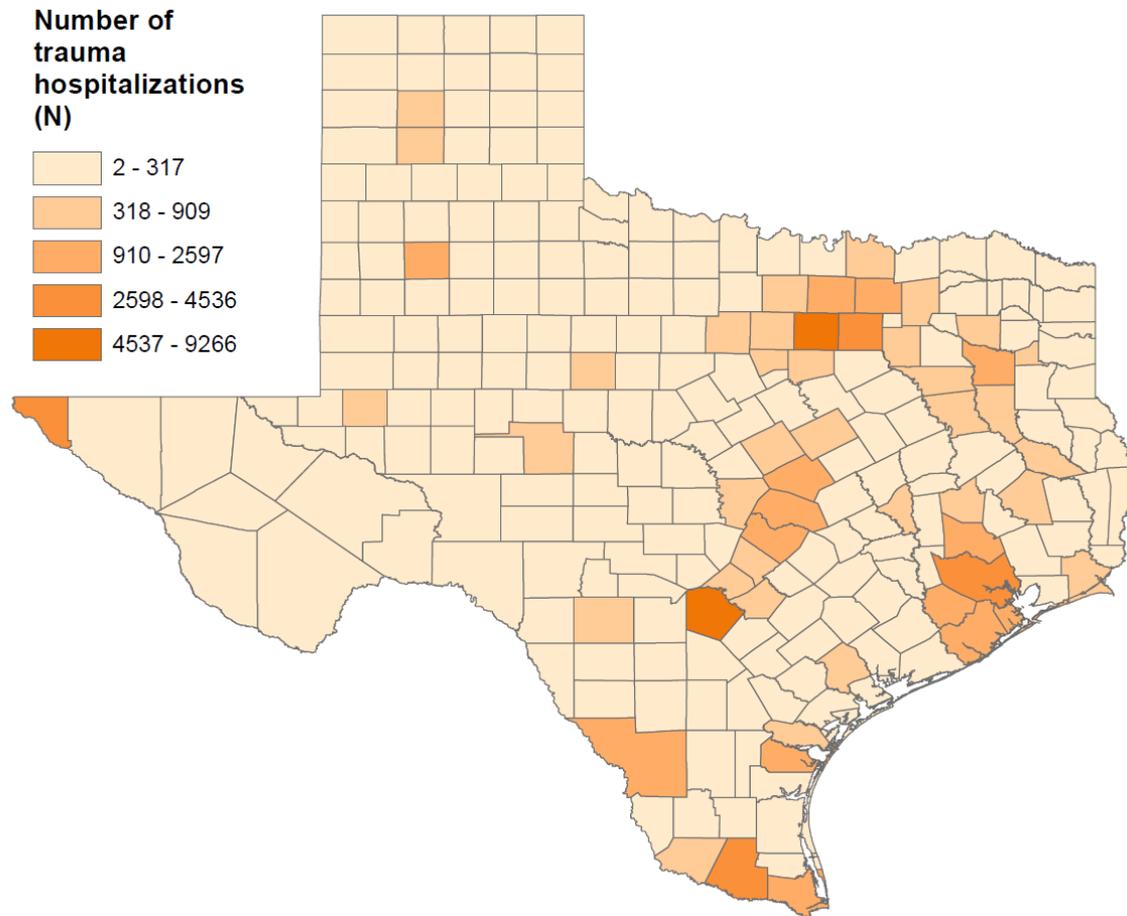
Case fatality rate	2.5%
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Any record specifying “DEATH” or “EXPIRED” in the ED disposition, hospital disposition, or condition on discharge was classified as a fatality.

# Trauma hospitalizations case fatality rate by age, 2014

Age group	Case fatality rate
0-9	1.0%
10-19	1.7%
20-29	2.5%
30-39	2.3%
40-49	2.9%
50-59	2.7%
60-69	2.9%
70-79	2.9%
80+	3.3%

# Trauma hospitalizations by county of incident, 2014



# Injury Epidemiology & Surveillance Branch

## CONTACT INFO

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