

Texas trauma hospitalization summary report, 2013

Injury Epidemiology & Surveillance Branch

Environmental & Injury Epidemiology and Toxicology Unit

Environmental Epidemiology and Disease Registries Section

Texas Department of State Health Services



Report summary

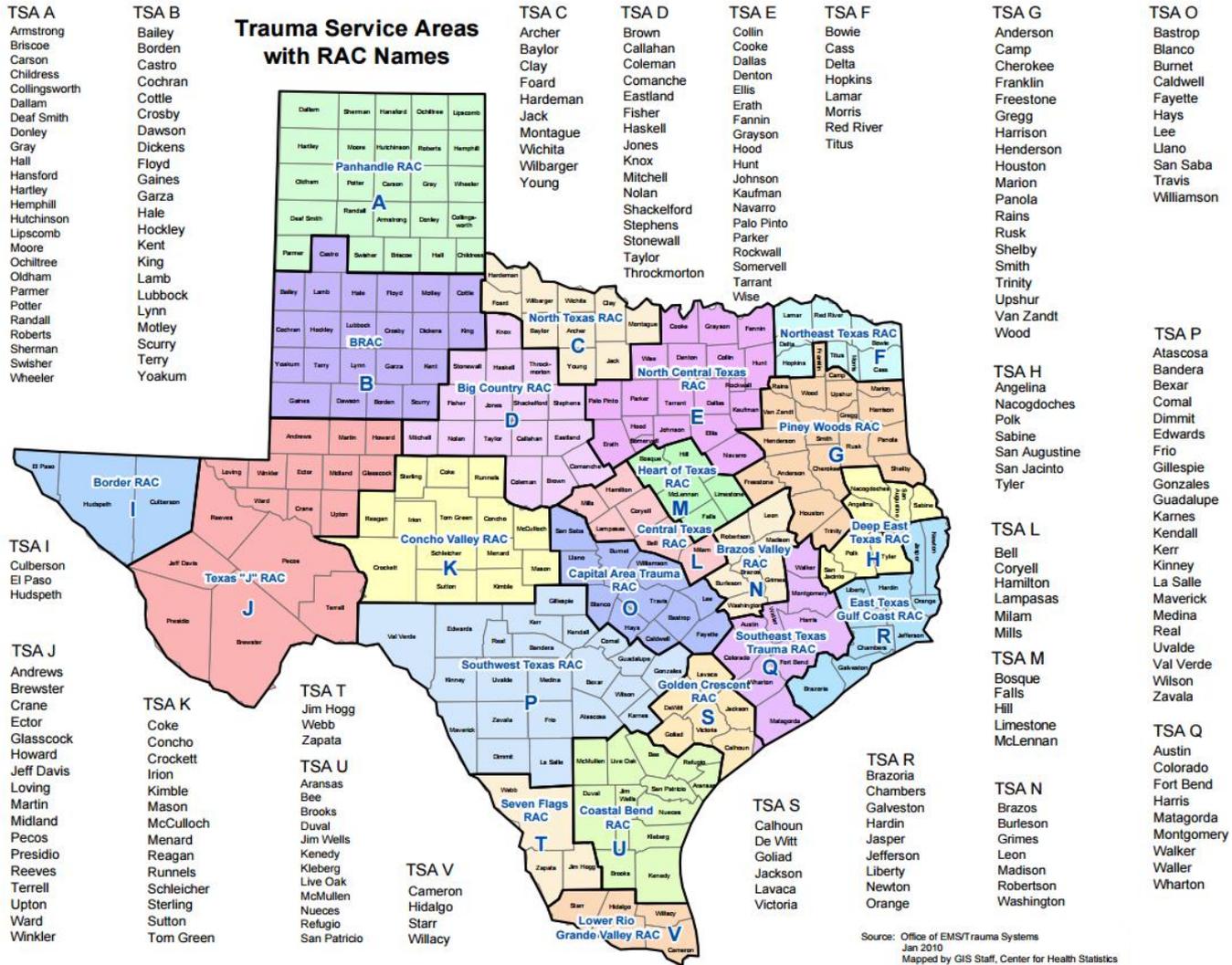
- The following report was generated with trauma hospitalization records submitted to the Texas EMS & Trauma Registries in 2013.
- This report includes only data on records that were reported to the Registries through a passive surveillance system.
- Results are from the final 2013 trauma hospitalization 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

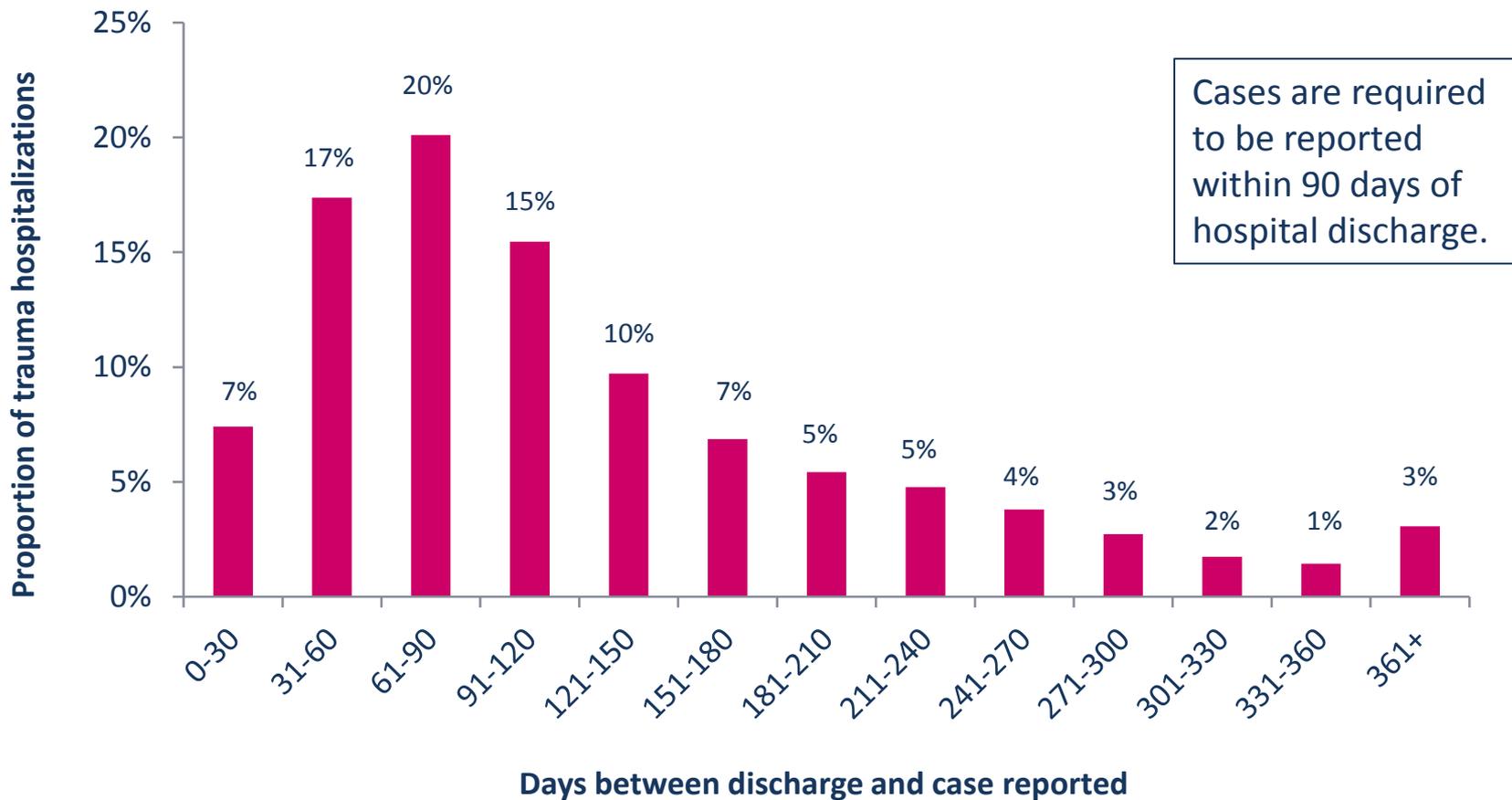


Source: Office of EMS/Trauma Systems
Jan 2010
Mapped by GIS Staff, Center for Health Statistics
May 2010

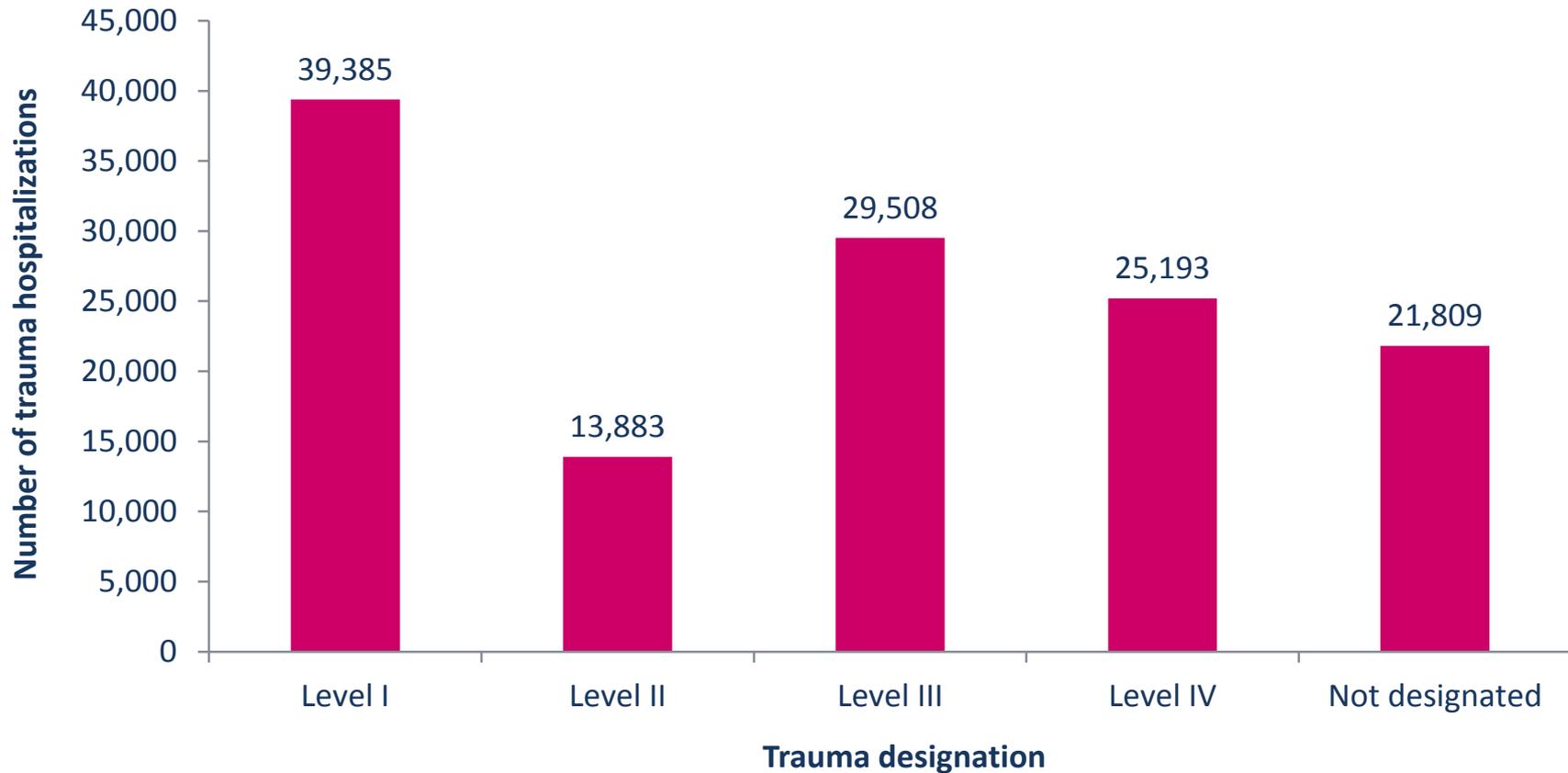
Records Received, Texas, 2013

	Total cases	Hospitals submitting cases
Trauma Hospitalizations	129,778	350

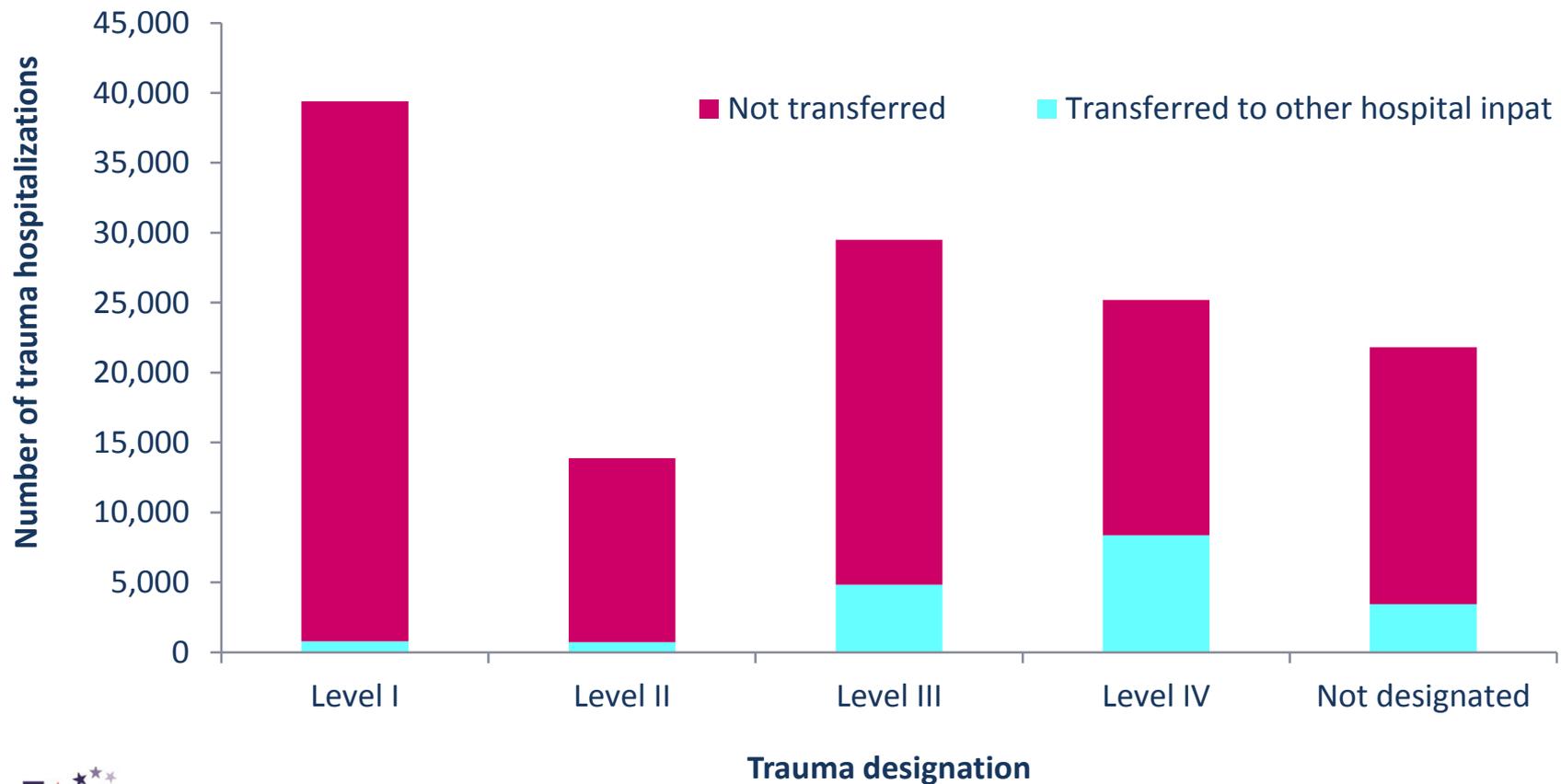
Timeliness of reporting for trauma hospitalizations*, 2013



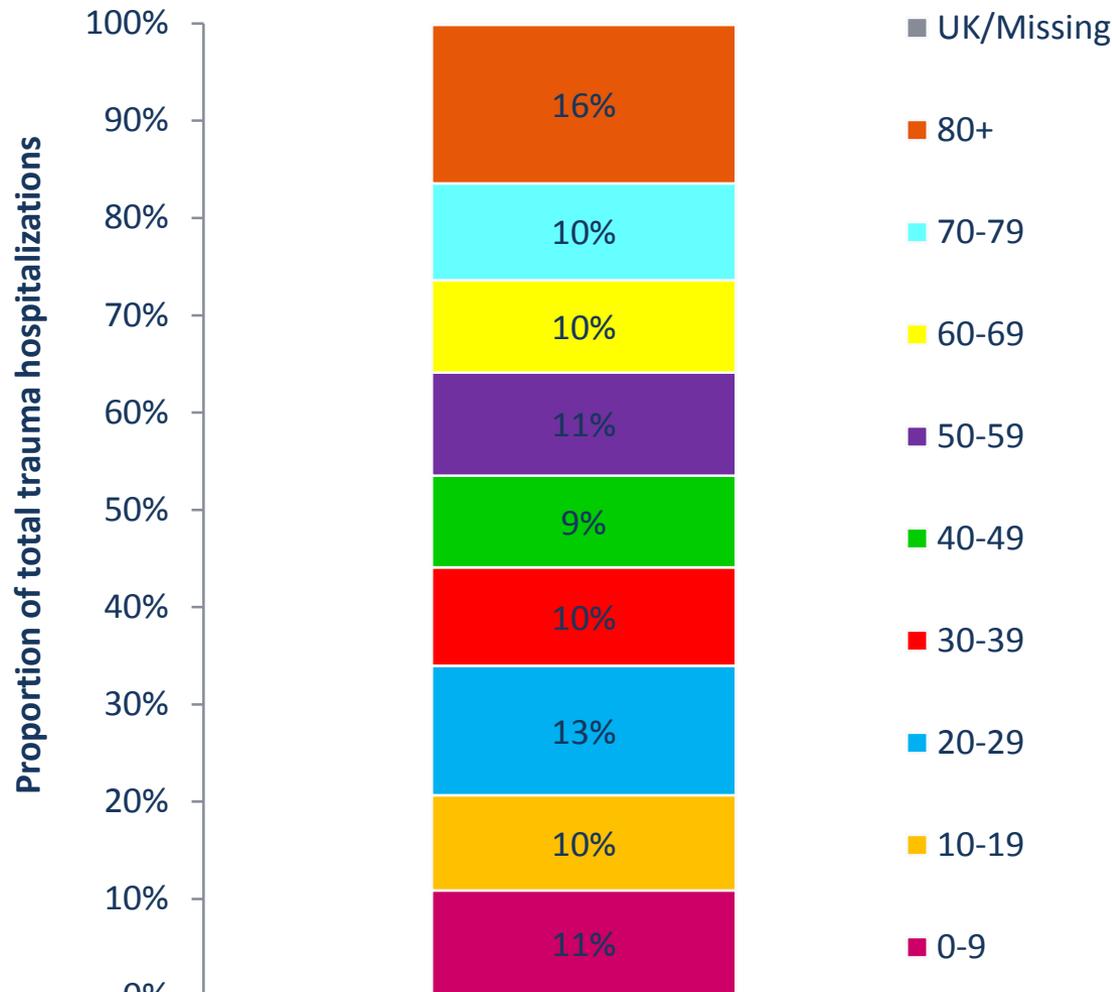
Trauma hospitalizations by trauma designation, 2013



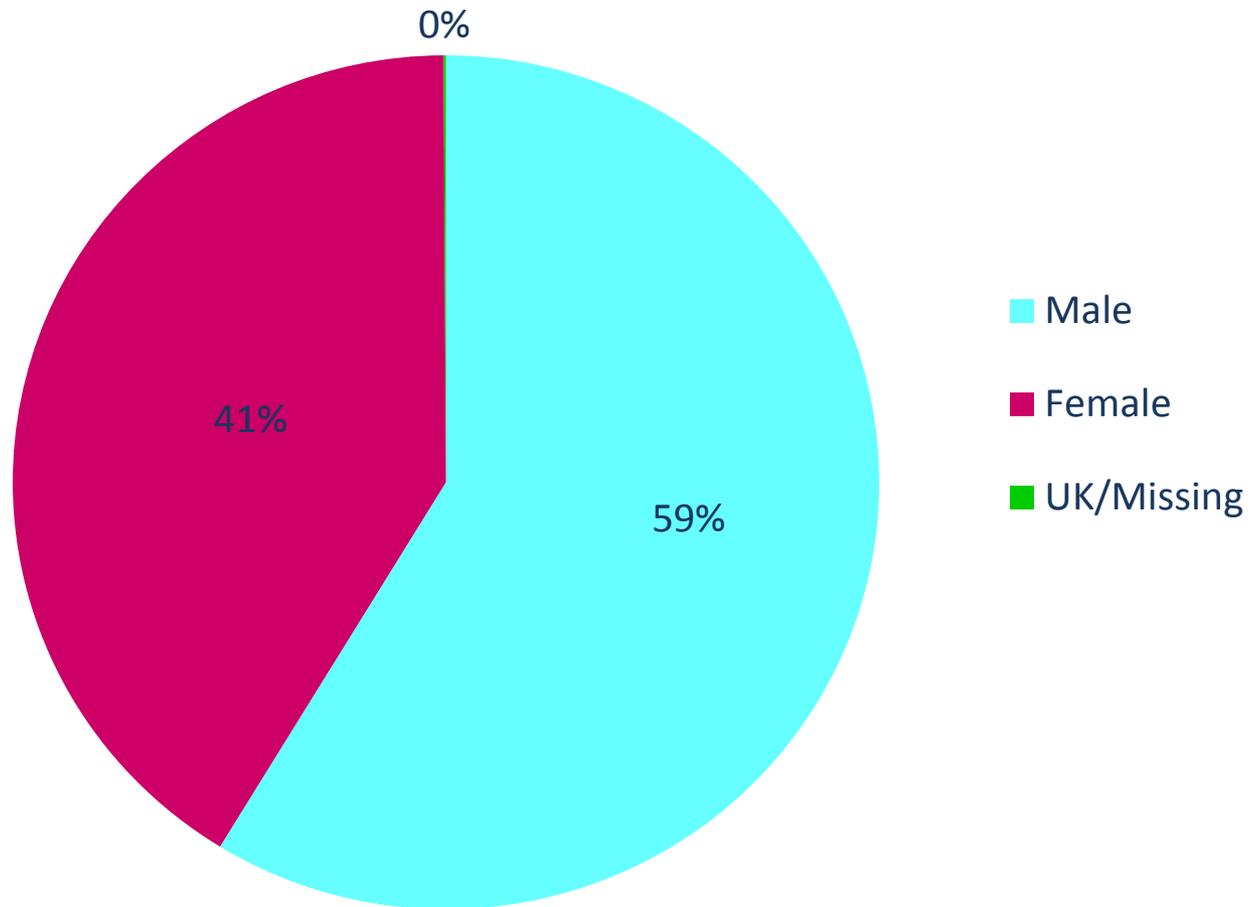
Trauma hospitalizations transferred out by trauma designation, 2013



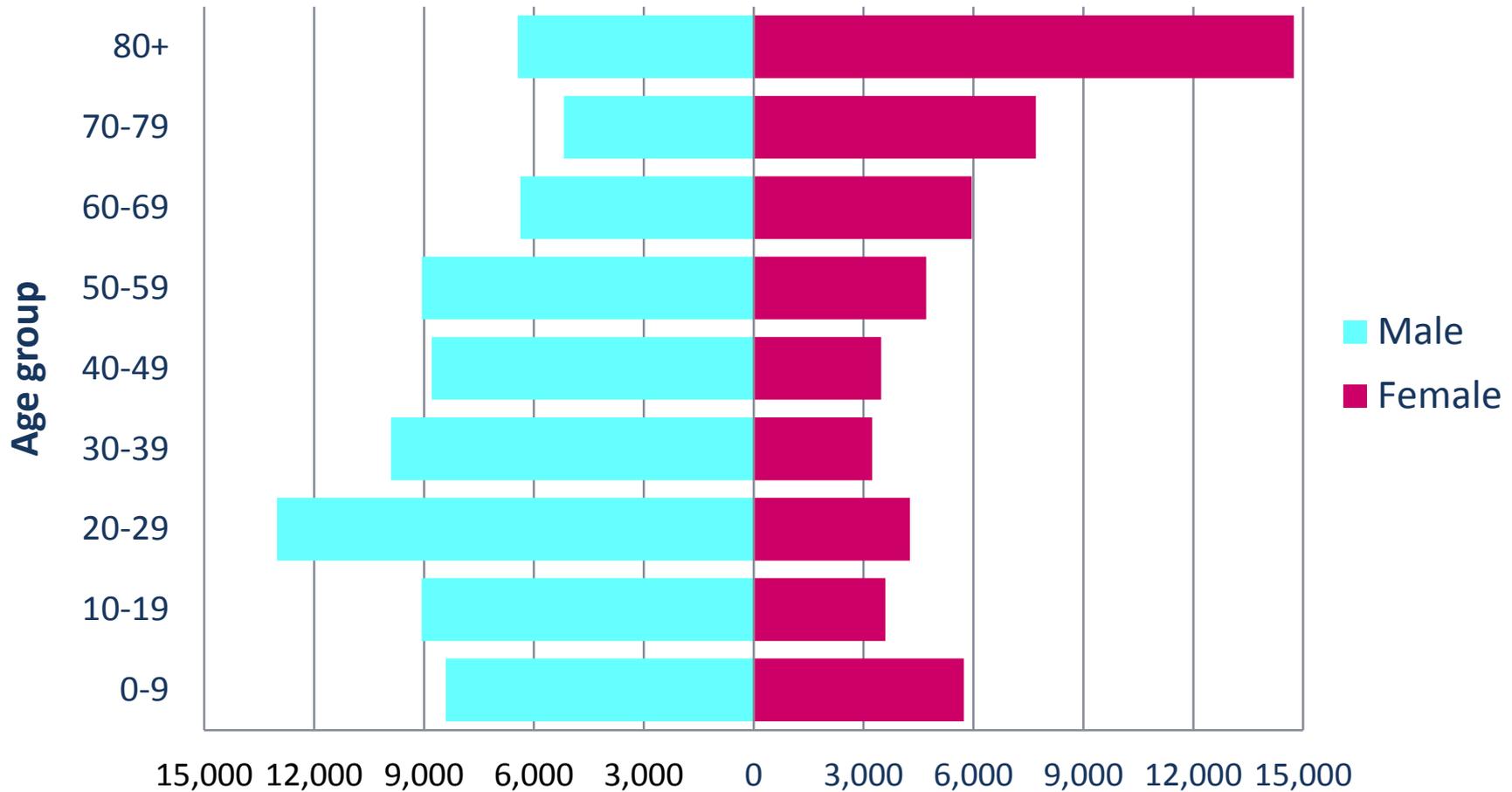
Trauma hospitalizations by age group, 2013



Trauma hospitalizations by sex, 2013



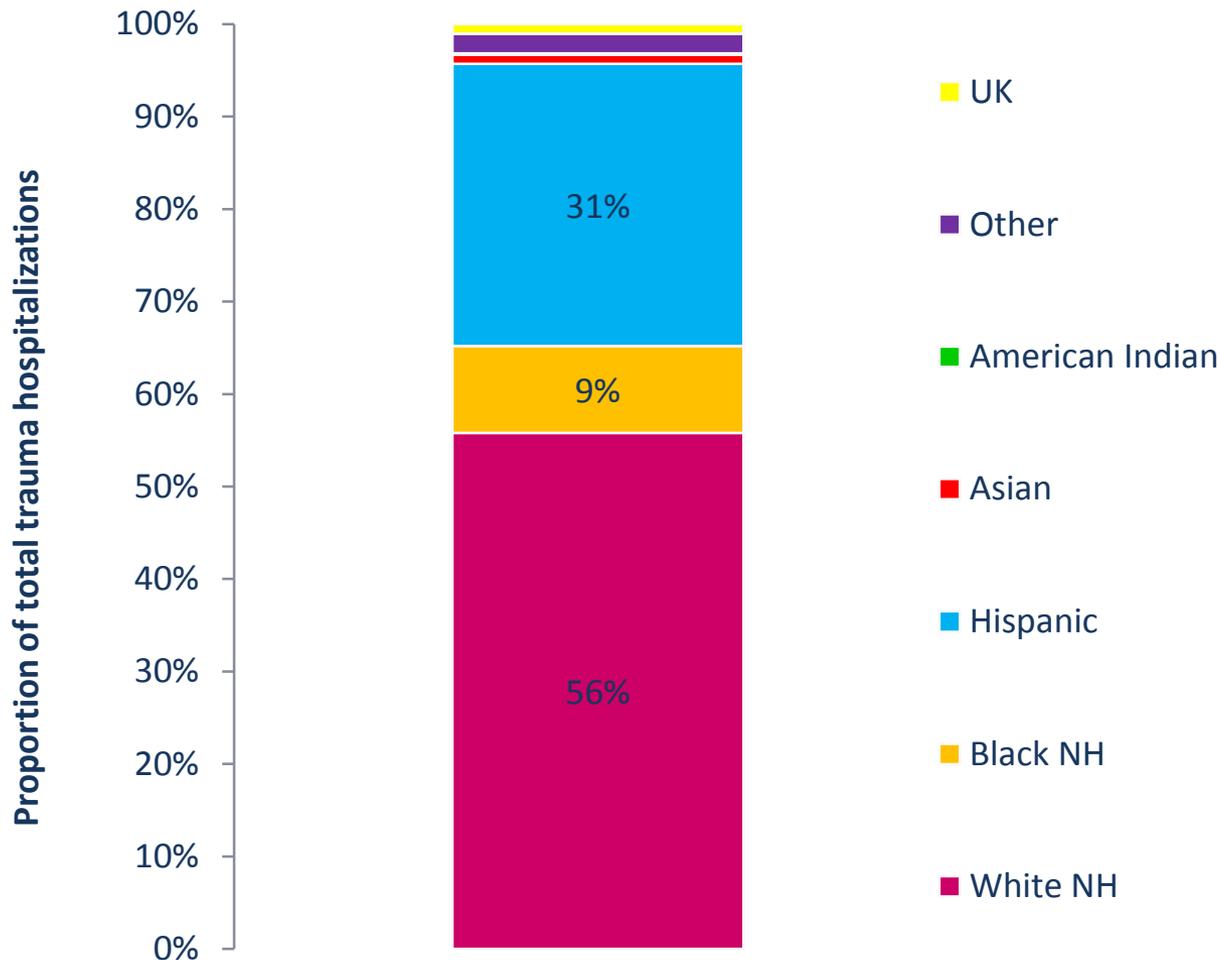
Trauma hospitalizations by age and sex, 2013



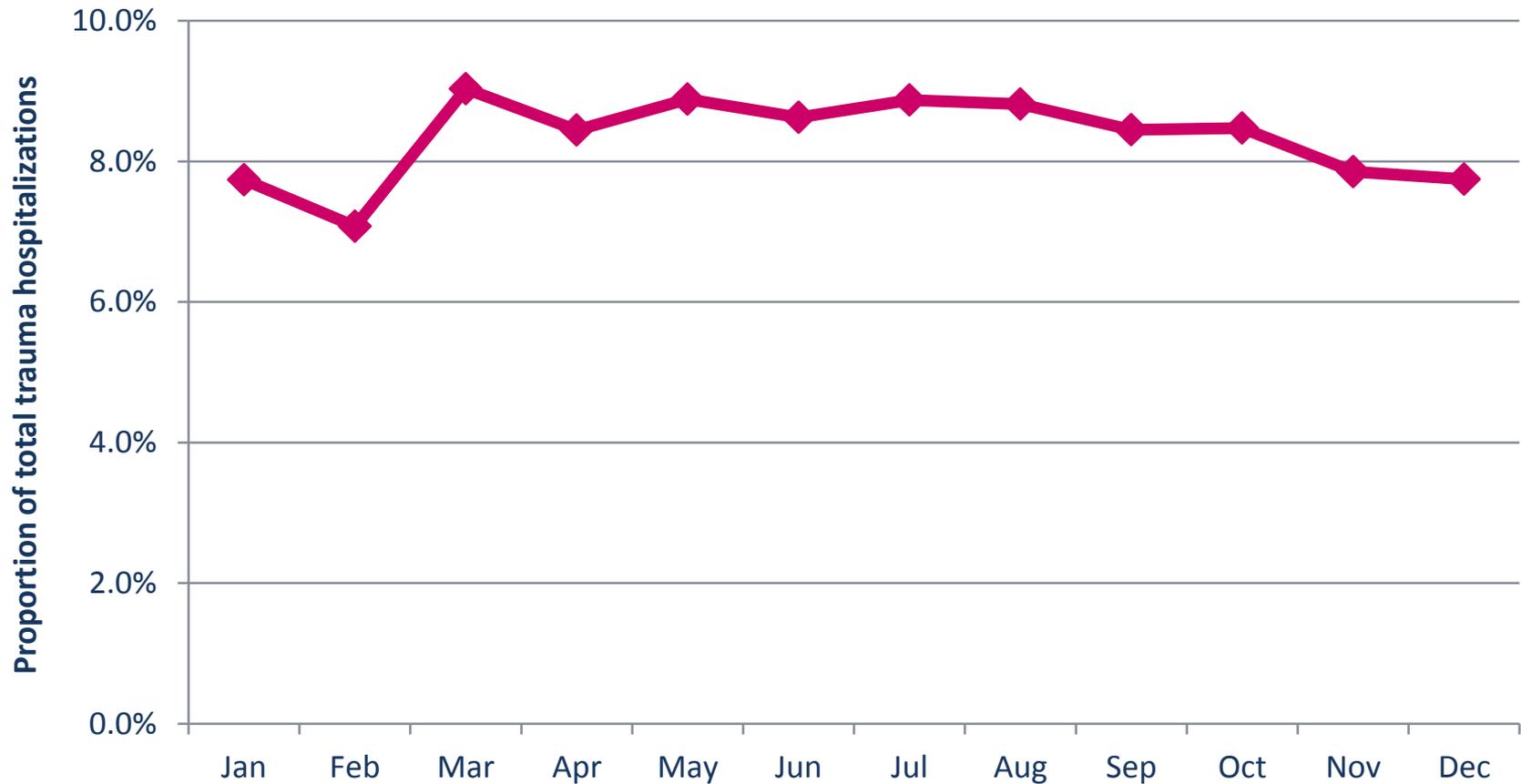
Number of trauma hospitalizations*

*Cases missing age or sex: N=205

Trauma hospitalizations by race/ethnicity, 2013



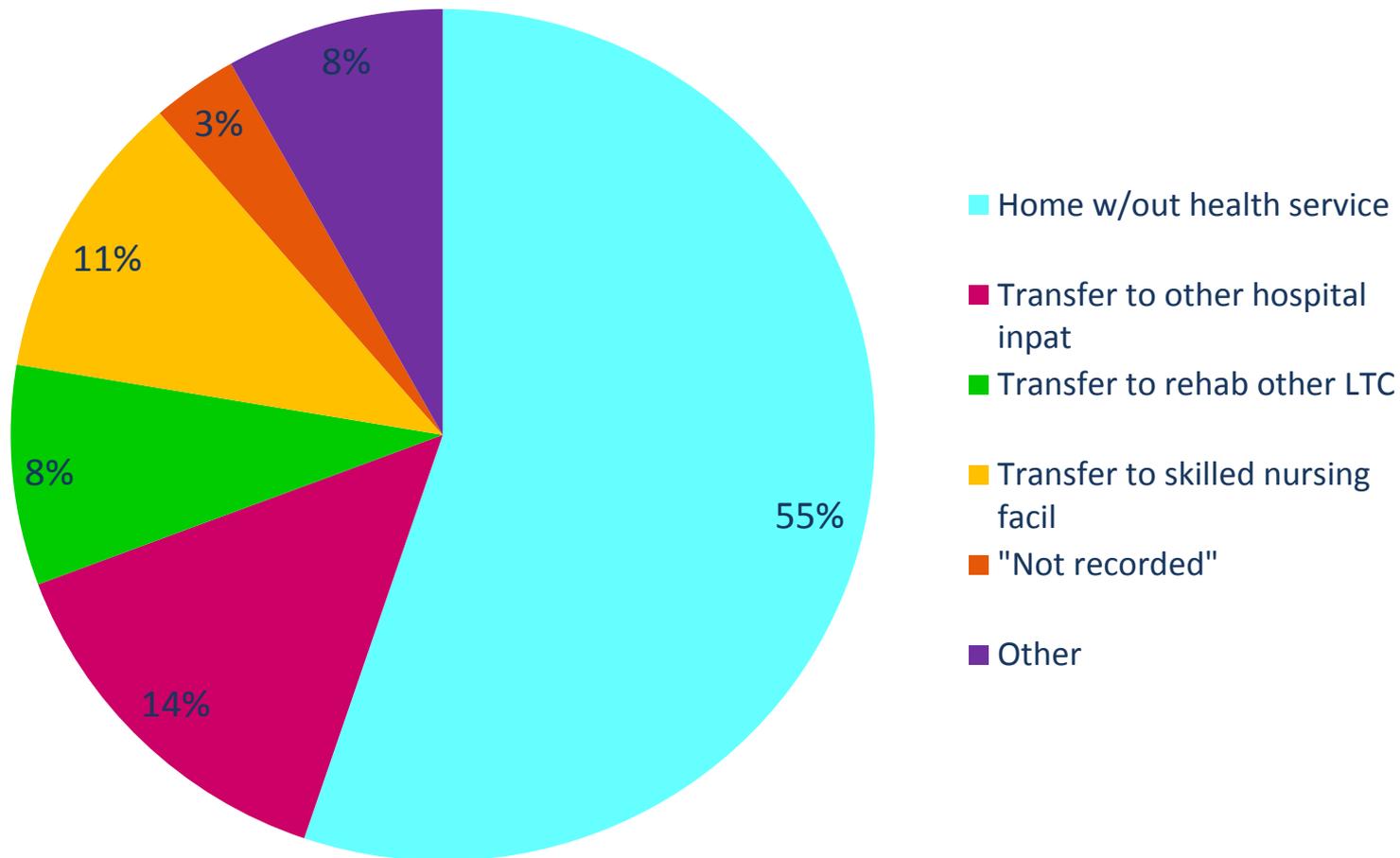
Trauma hospitalizations by month, 2013



Trauma hospitalizations by time of incident, 2013

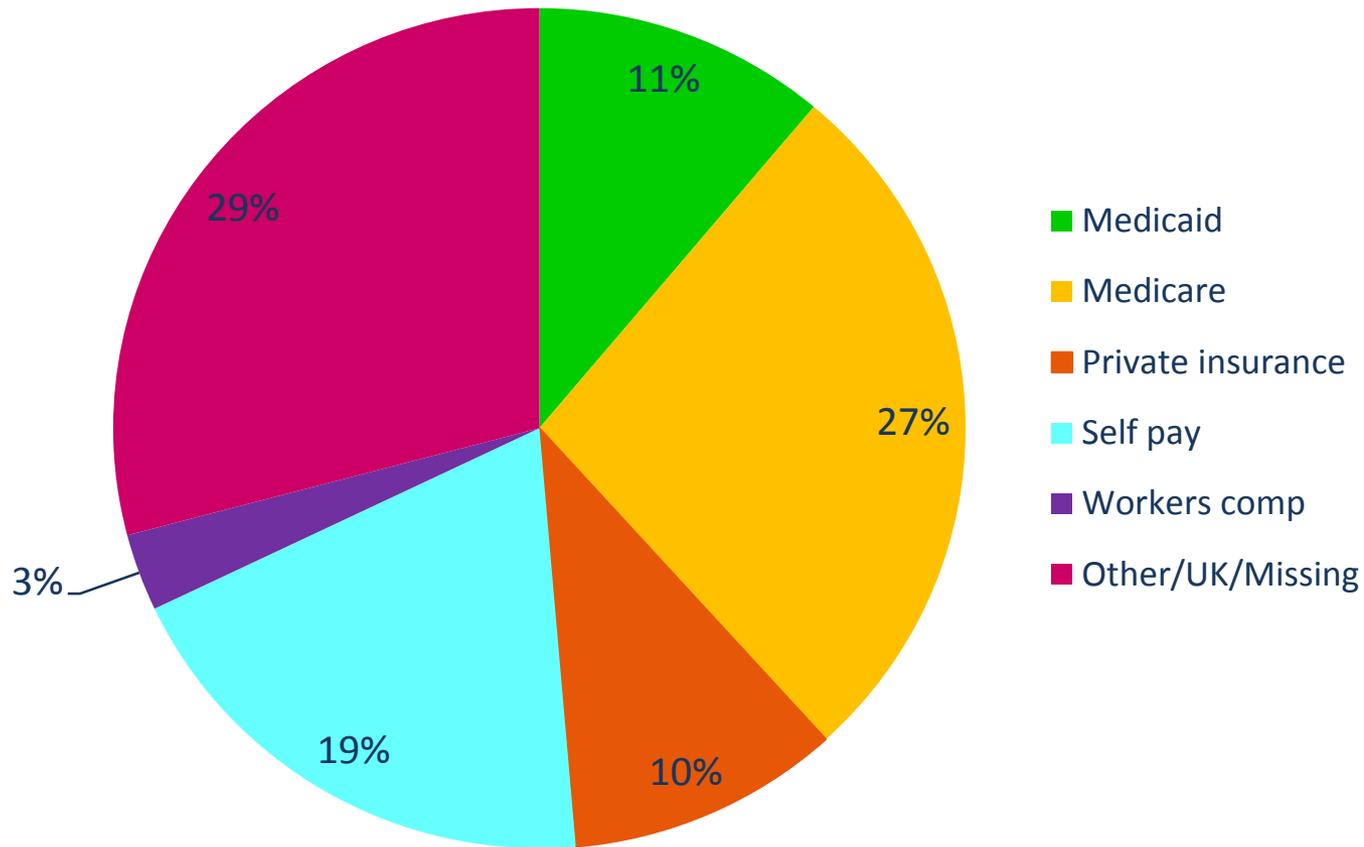


Trauma hospitalizations by discharge disposition*, 2013



*Cases missing discharge disposition: N=827

Trauma hospitalizations by payment source, 2013



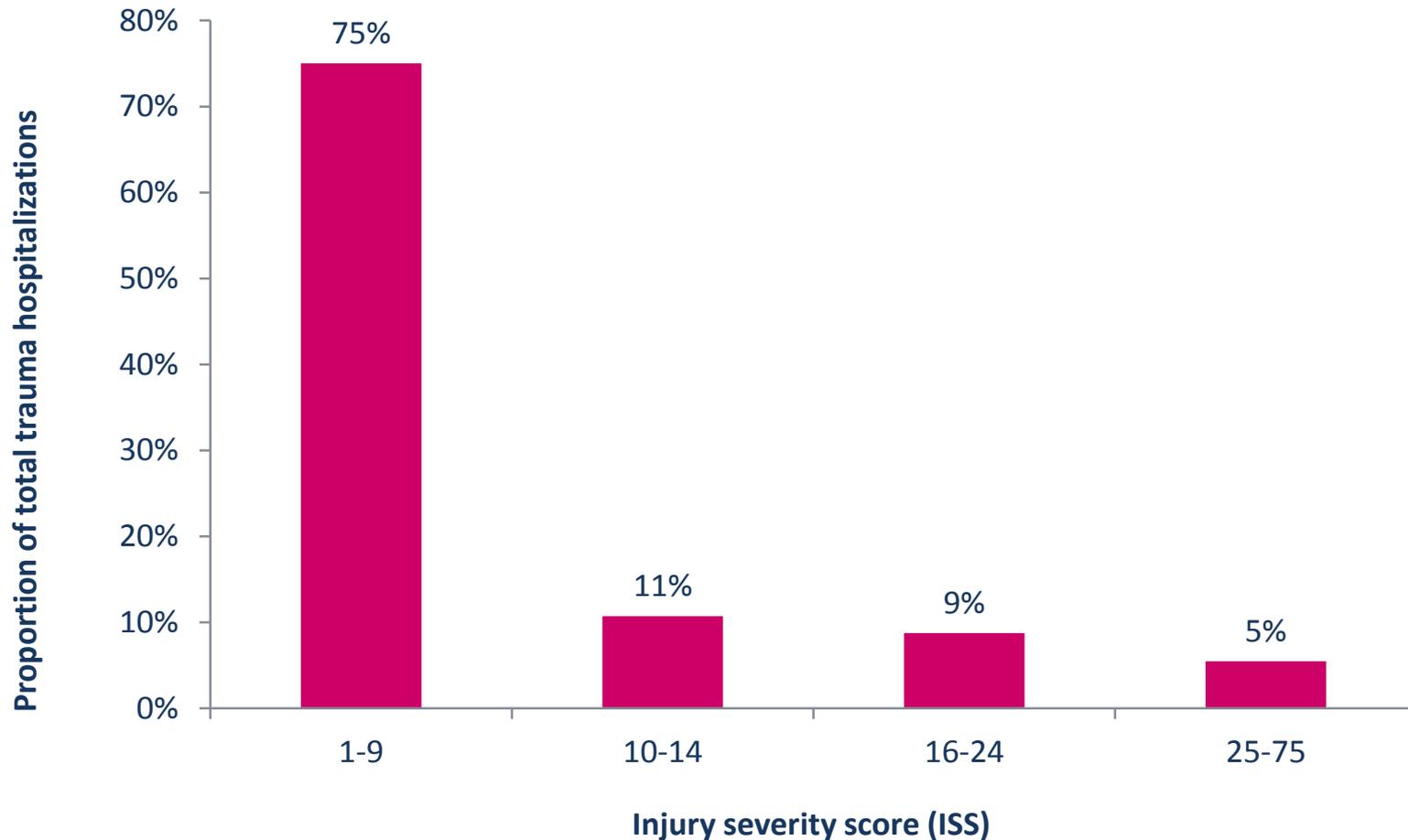
Billed hospital charges* for trauma hospitalizations, 2013

Sum of charges	\$4,844,410,644 (\$4.8 billion)
Median charge	\$25,610
Mean charge	\$48,697
Minimum charge	\$50
Maximum charge	\$9,014,220

Trauma hospitalizations by injury mechanism and intent*, 2013

	N	%
1. Unintentional fall	60,646	48.3%
2. Unintentional MVT	26,991	21.5%
3. Unintentional struck by/against	5,605	4.5%
4. Unintentional other transport	5,177	4.1%
5. Assault struck by/against	4,170	3.3%

Trauma hospitalizations by ISS category*, 2013



*Cases with missing or invalid ISS category: N=13,272

Trauma hospitalizations by LOS and ISS*, 2013

	Median length of stay (LOS)
ISS 1 – 9	3 days
ISS 10 – 14	4 days
ISS 16 – 24	5 days
ISS 25 – 75	6 days

Trauma hospitalizations: TBIs and SCIs, 2013

	N	%
Number of TBI's	24,975	19%
Number of SCI's	1,202	1%
TOTAL HOSPITALIZATIONS	129,778	

TBI: traumatic brain injury
SCI: spinal cord injury

261 cases with
both TBI & SCI

Trauma hospitalizations case fatality rate, 2013

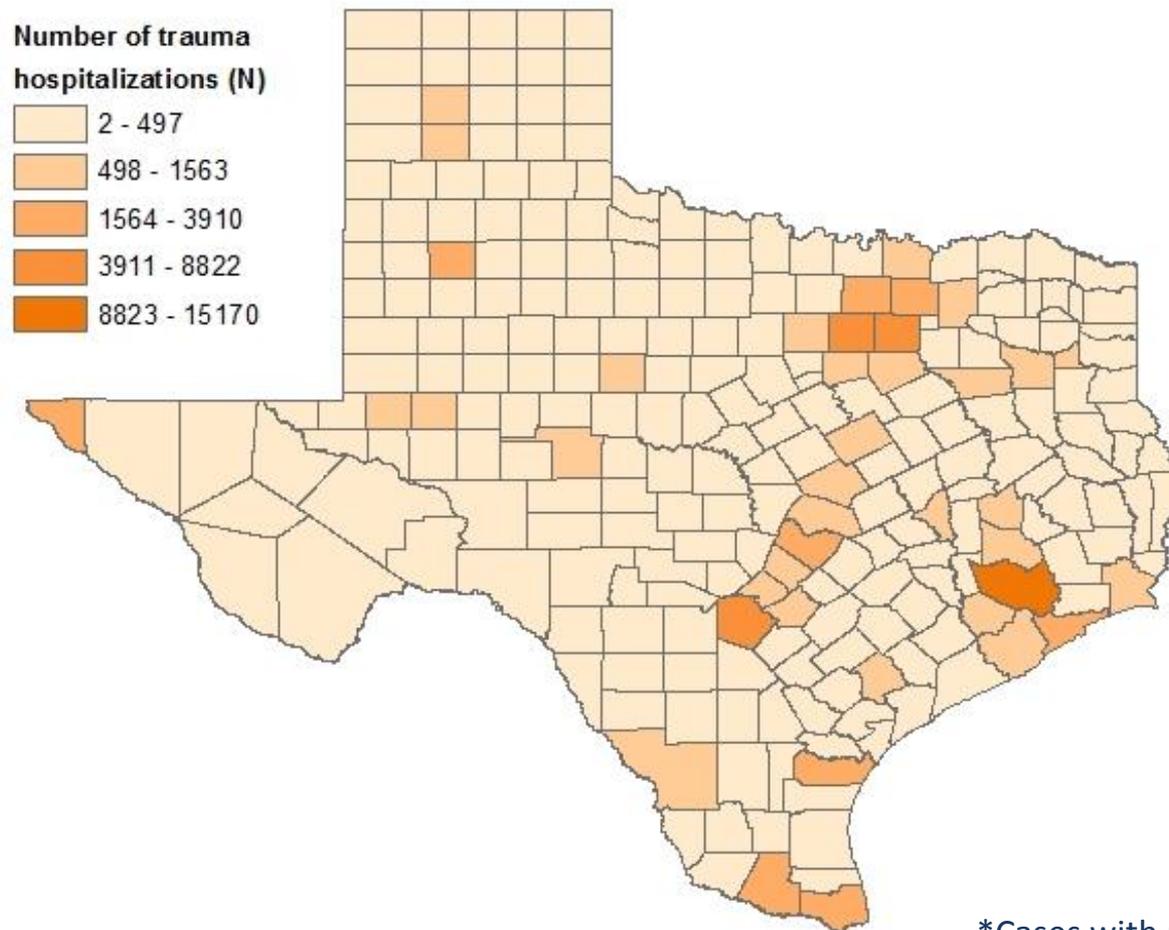
Case fatality rate	2.9%
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Any record specifying “DEATH” or “EXPIRED” in the ED disposition, hospital disposition, or condition on discharge was classified as a fatality.

Trauma hospitalizations case fatality rate by age, 2013

Age group	Case fatality rate
0-9	1.1%
10-19	1.9%
20-29	3.1%
30-39	2.7%
40-49	3.2%
50-59	3.4%
60-69	3.0%
70-79	3.3%
80+	3.6%

Trauma hospitalizations by county of incident, 2013



Injury Epidemiology & Surveillance Branch

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