



TEXAS
Health and Human
Services

**Texas Department of State
Health Services**

**Emergency Medical Services and
Trauma Registries (EMSTR)
Severe Trauma Transfer Delay
Performance Improvement Data,
Texas**

November 22, 2025

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About EMSTR

- EMSTR collects reportable event data from EMS providers, hospitals, justices of the peace, medical examiners, Long Term Acute Care (LTAC) facilities, and rehabilitation facilities.
- All submitters must report all EMS responses and reportable trauma events to EMSTR under Texas Administration Code, Title 25, Chapter 103.

Severe Trauma Transfer Delay Performance Improvement (PI) Data, Texas

January 1, 2022-December 31, 2024



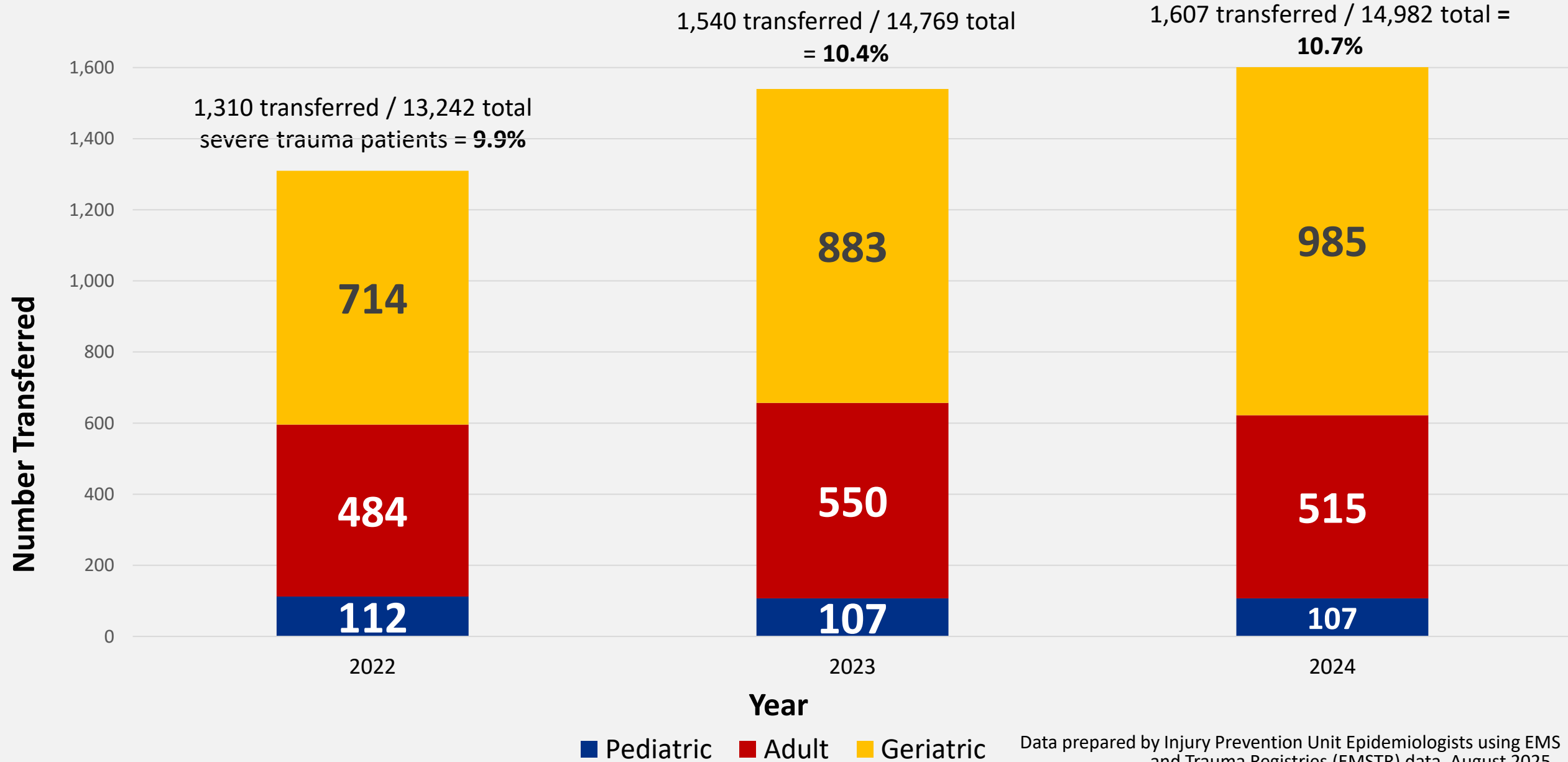
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Transfer Delay Definitions

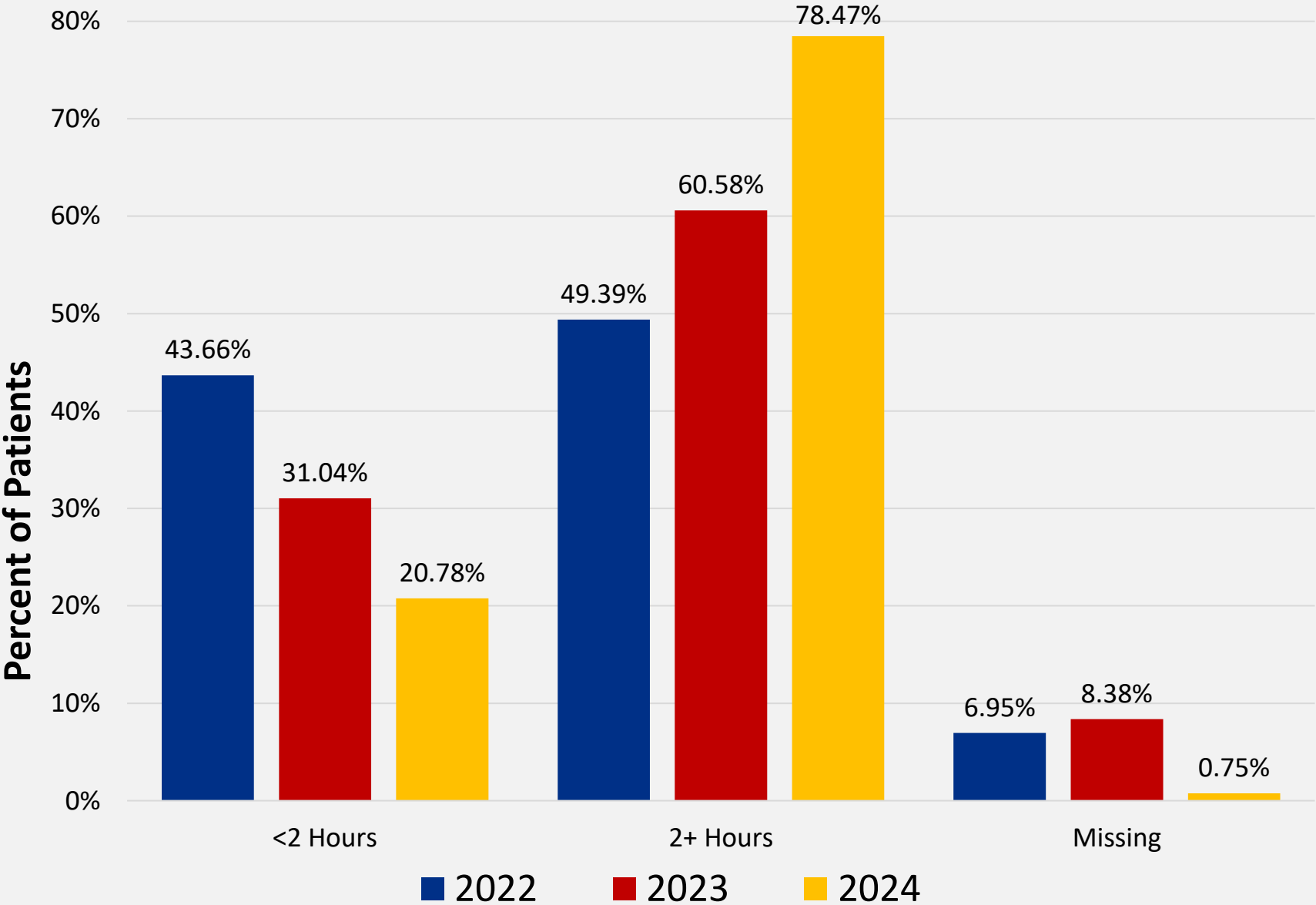
- Severe trauma patients are injured patients with:
 - Glasgow Coma Scale (GCS) <9 or Systolic Blood Pressure (SBP) <110 for geriatric (65+) patients.
 - GCS <9 or SBP <90 for adults aged 15-64.
 - GCS <9 or SBP <70 + 2 x (the child's age in years) for pediatric / children less than 15.
 - Note: SBP is the arrival SBP at the hospital.
- Transfer time = the time from arrival to departure from sending facility for transferred patients.
- Transfer delay = defined as two (2) or more hours from arrival to departure.

Severe Trauma Patients – Total Number Transferred



Data prepared by Injury Prevention Unit Epidemiologists using EMS and Trauma Registries (EMSTR) data, August 2025.

Severe Trauma Transfer Times – All Ages

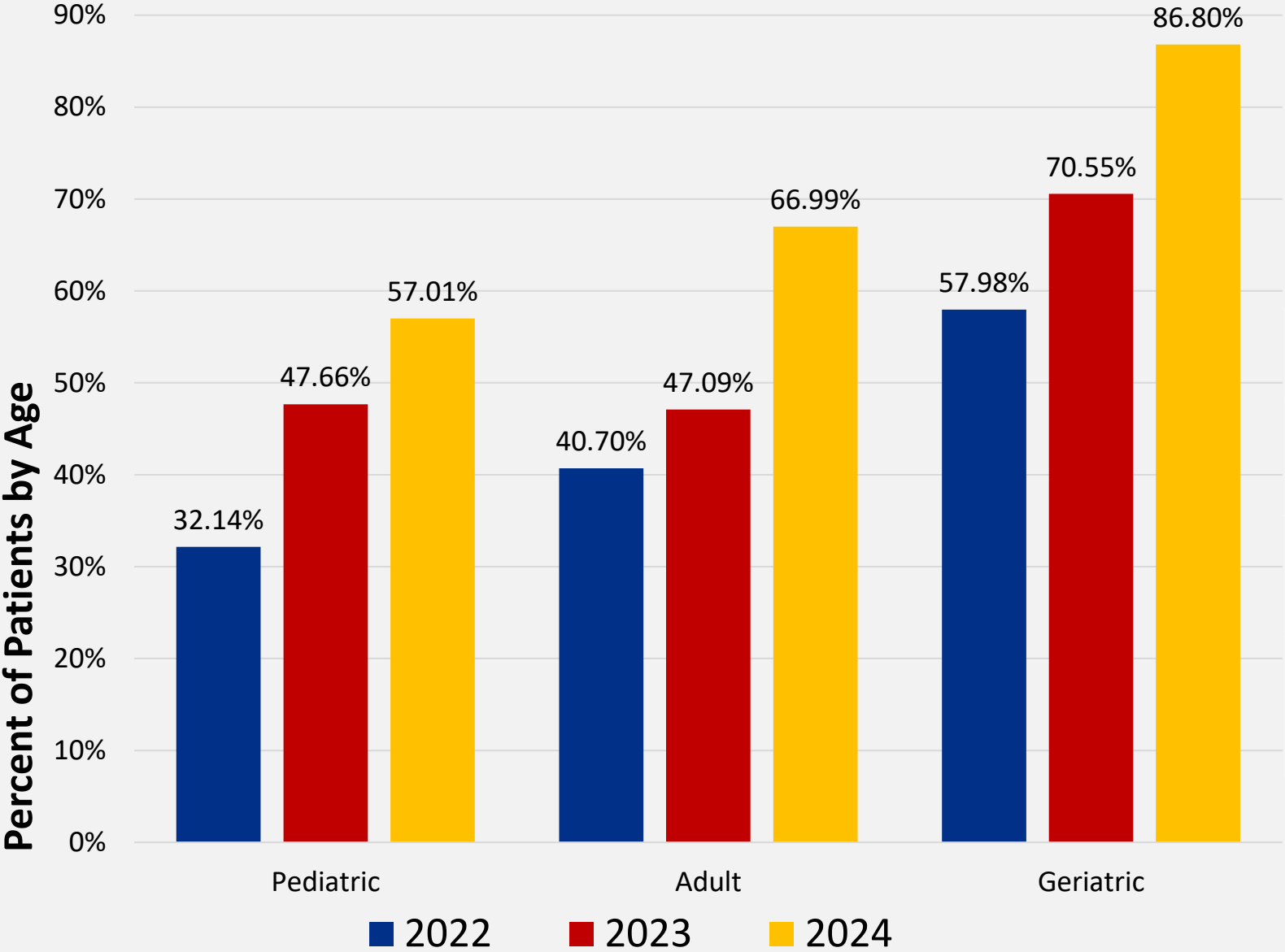


Number of Severe Trauma Transfers

	2022	2023	2024
<2 Hours	572	478	334
2+ Hours	647	933	1,261
Missing	91	129	12

Data prepared by Injury Prevention Unit Epidemiologists using EMSTR data, August 2025.

Severe Trauma Transfer 2+ Hours by Age Category



Number Transferred in 2+ Hours / Number Severe Trauma Transfers

	2022	2023	2024
Pediatric	36/112	51/107	61/107
Adult	197/484	259/550	345/515
Geriatric	414/714	623/883	855/985

Data prepared by Injury Prevention Unit Epidemiologists using EMSTR data, August 2025.

Severe Trauma Transfer Time by Sex

Sex	Transfer Time	2022	2023	2024
Male	Less than 2 hours	379 (46.56%)	313 (33.95%)	226/968 (23.35%)
	2+ hours	388 (47.67%)	532 (57.70%)	737/968 (76.14%)
Female	Less than 2 hours	193 (38.91%)	159 (26.11%)	108/636 (16.98%)
	2+ hours	259 (52.22%)	398 (65.35%)	521/636 (81.92%)

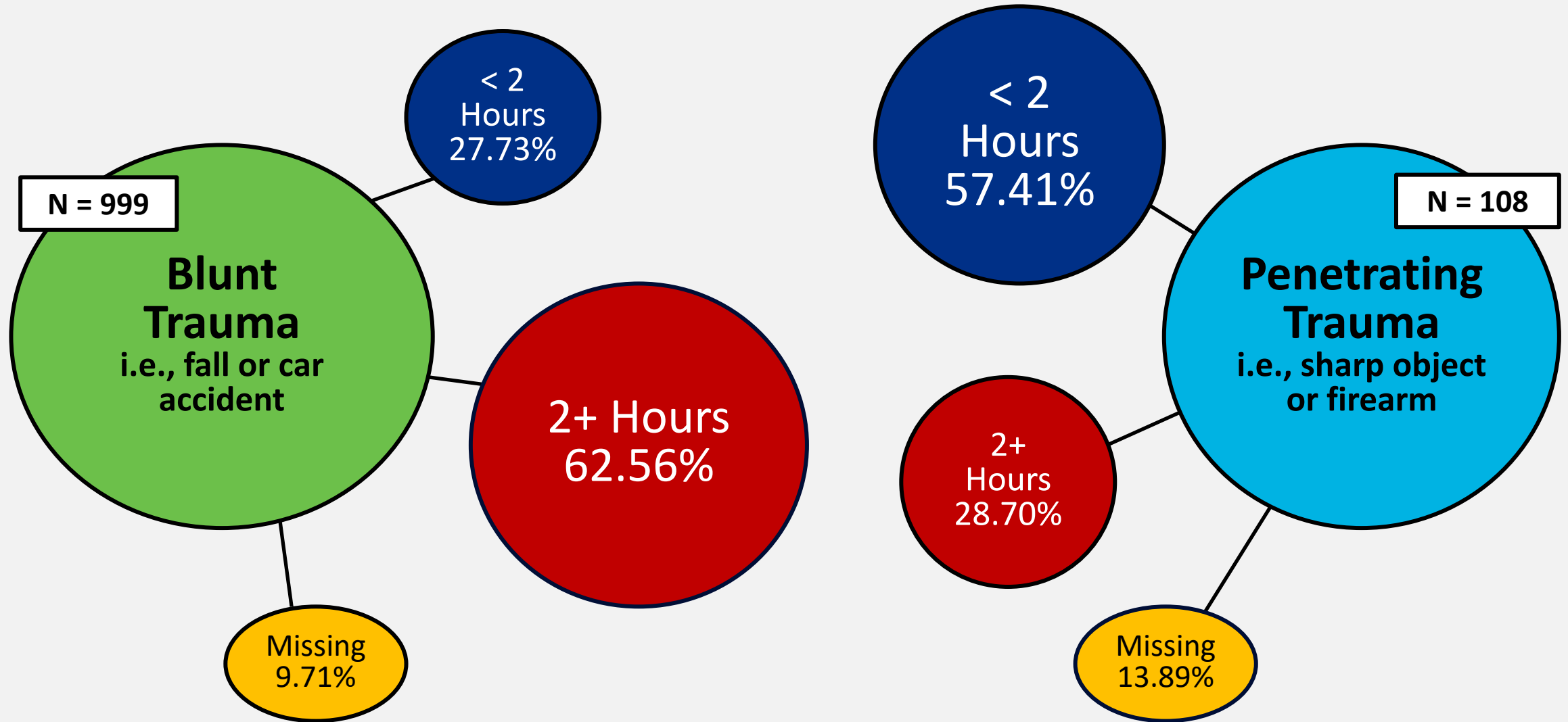
NOTE: Data excludes missing times, so totals will not equal 100%.

Severe Trauma Transfer Time by Race

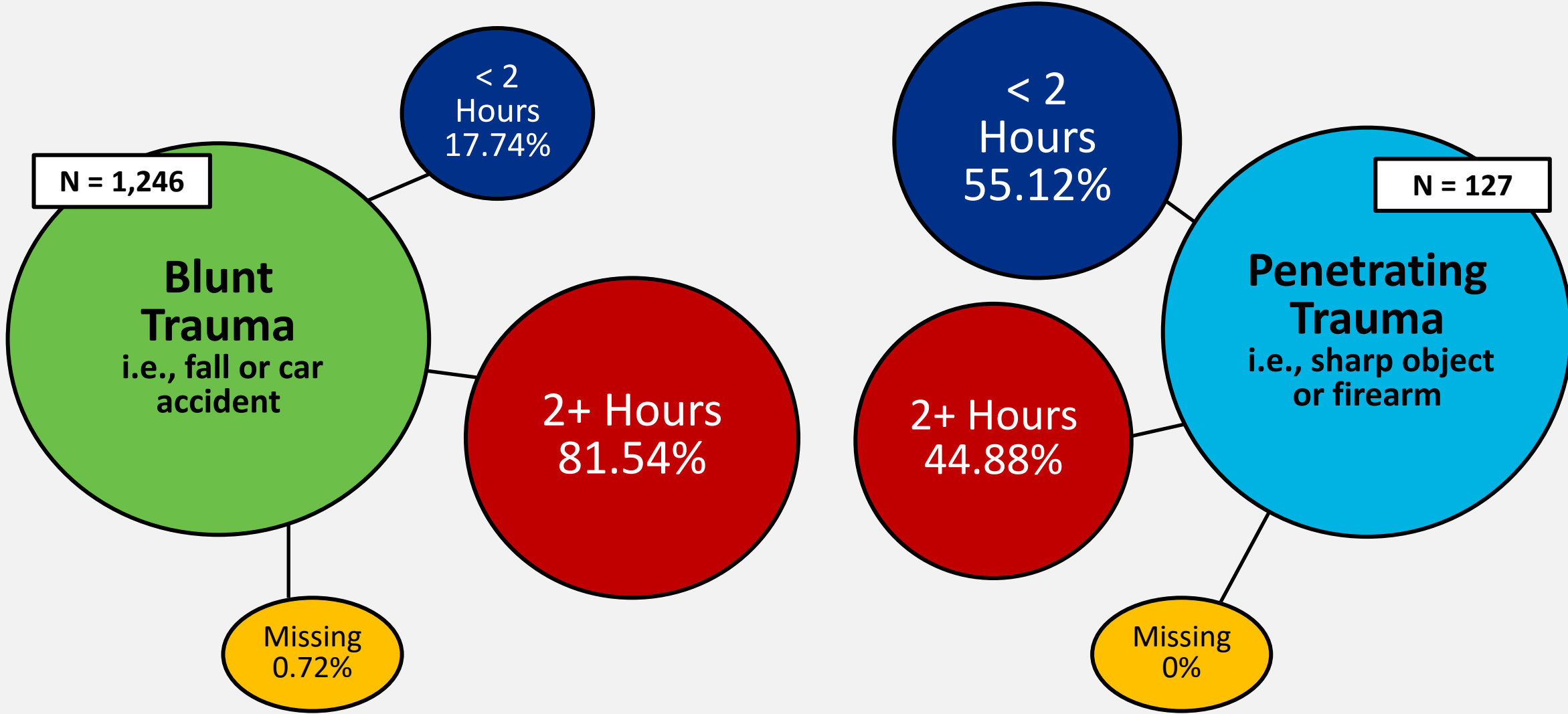
Race	Transfer Time	2022	2023	2024
White	Less than 2 hours	421 (41.64%)	342 (28.26%)	174/965 (18.03%)
	2+ hours	513 (50.74%)	765 (63.22%)	782/965 (81.04%)
Black	Less than 2 hours	57 (44.53%)	63 (46.32%)	38/161 (23.60%)
	2+ hours	63 (49.22%)	63 (46.32%)	123/161 (76.40%)

NOTE: Data excludes missing times, so totals will not equal 100%.

Severe Trauma Transfer Time by Trauma Type – 2023



Severe Trauma Transfer Time by Trauma Type – 2024



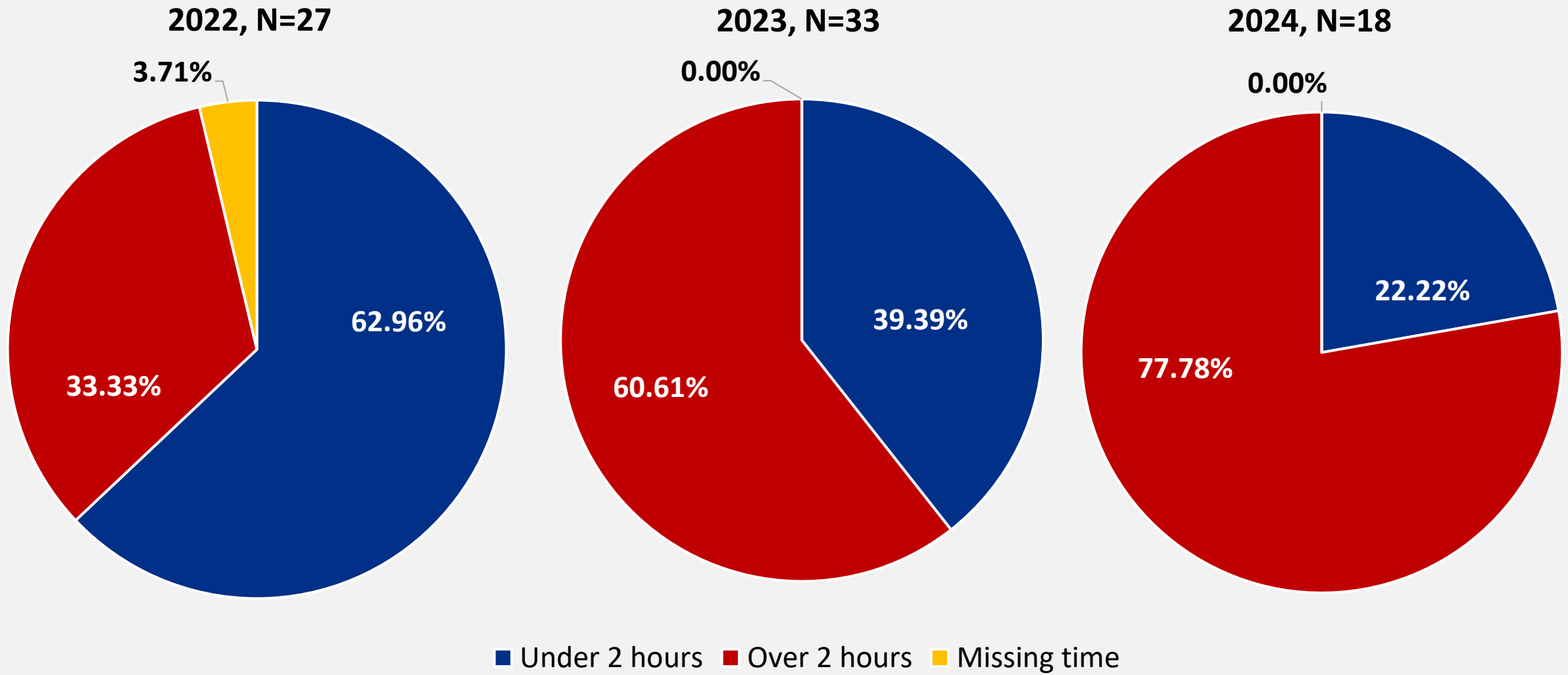
Data prepared by Injury Prevention Unit Epidemiologists using EMSTR data, August 2025.

Severe Trauma Transfer Numbers by Designation Level

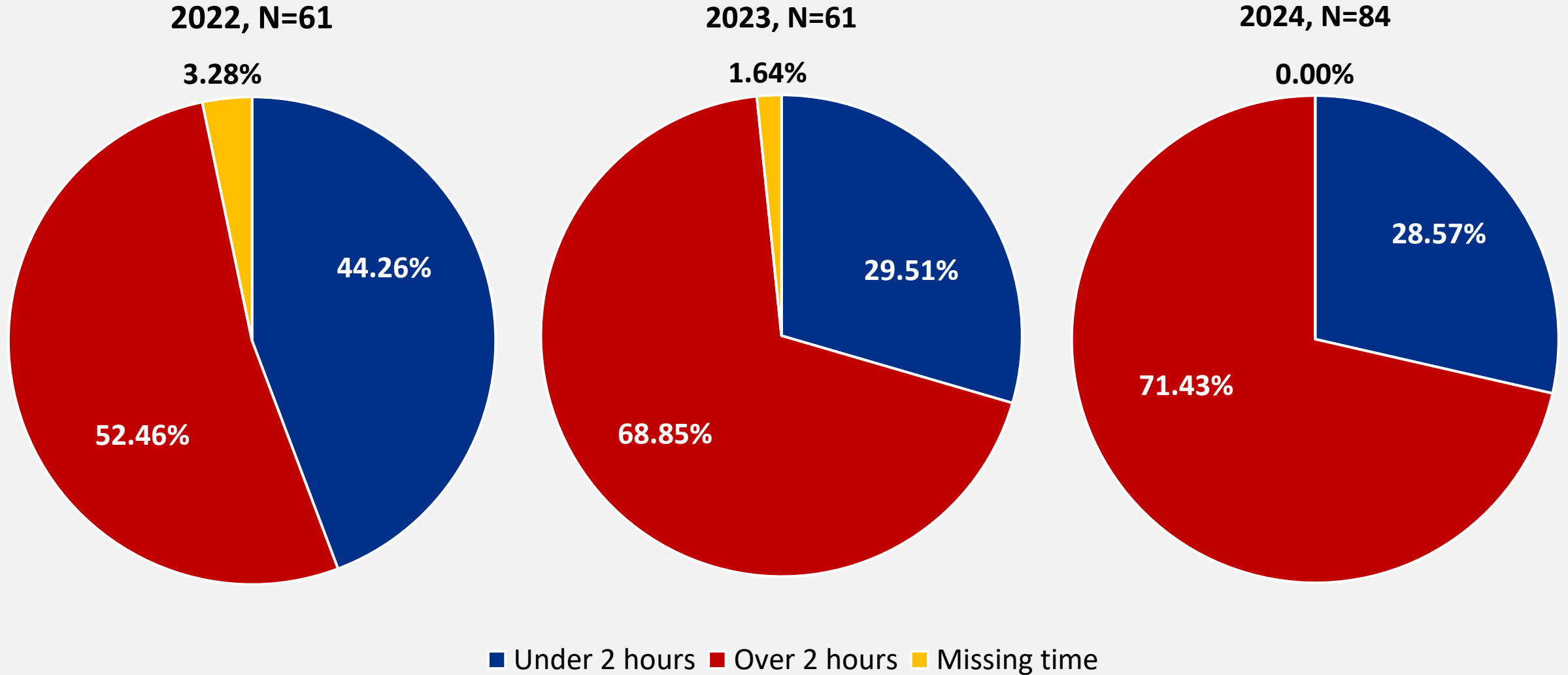
Trauma Designation*	2022	2023	2024
Level I	27	33	18
Level II	61	61	84
Level III	330	354	406
Level IV	714	840	820

*This data includes designated facilities only and does not include not designated or missing.

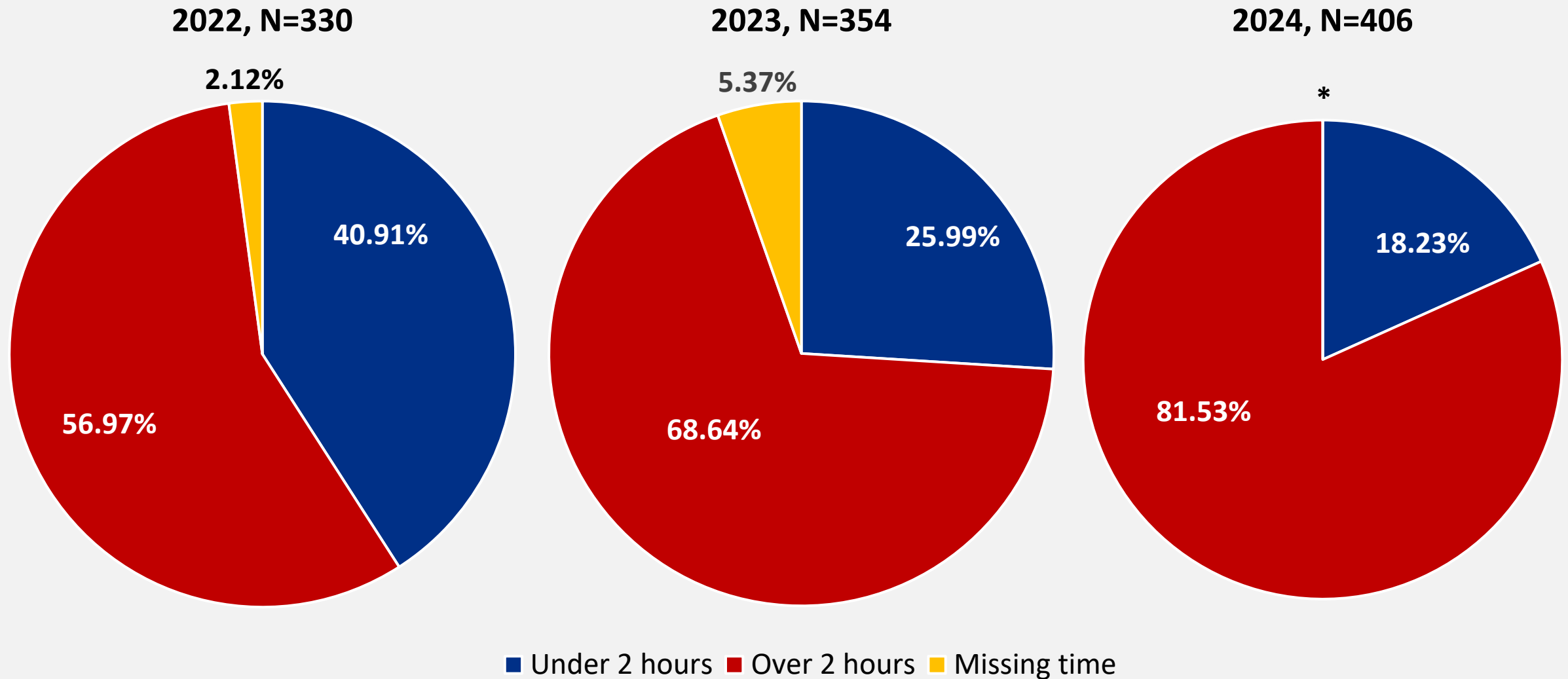
Severe Trauma Transfer Time by Trauma Designation Level I



Severe Trauma Transfer Time by Trauma Designation Level II



Severe Trauma Transfer Time by Trauma Designation Level III

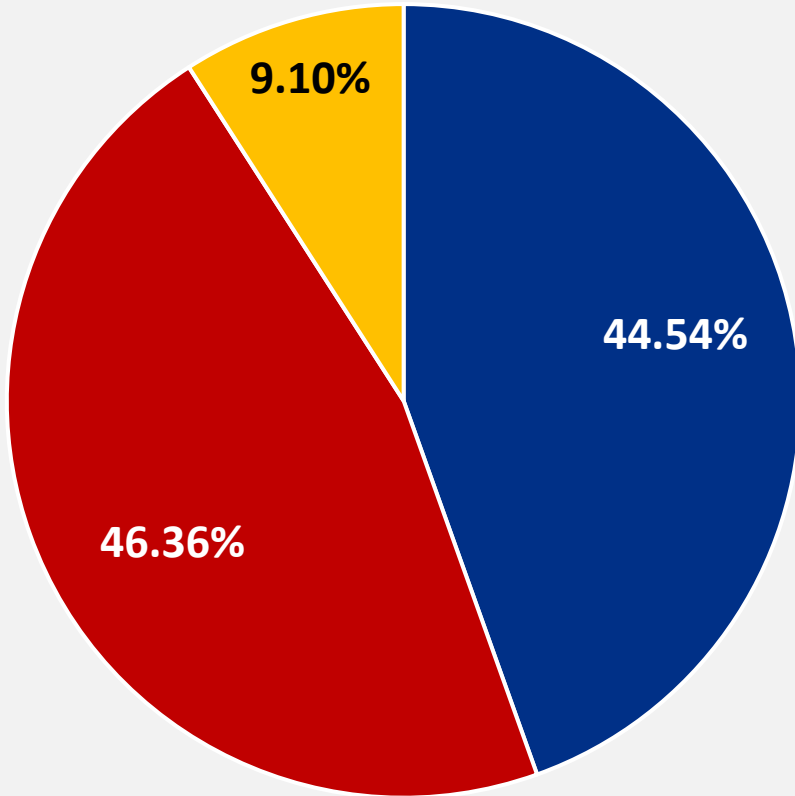


*Number suppressed due to low count.

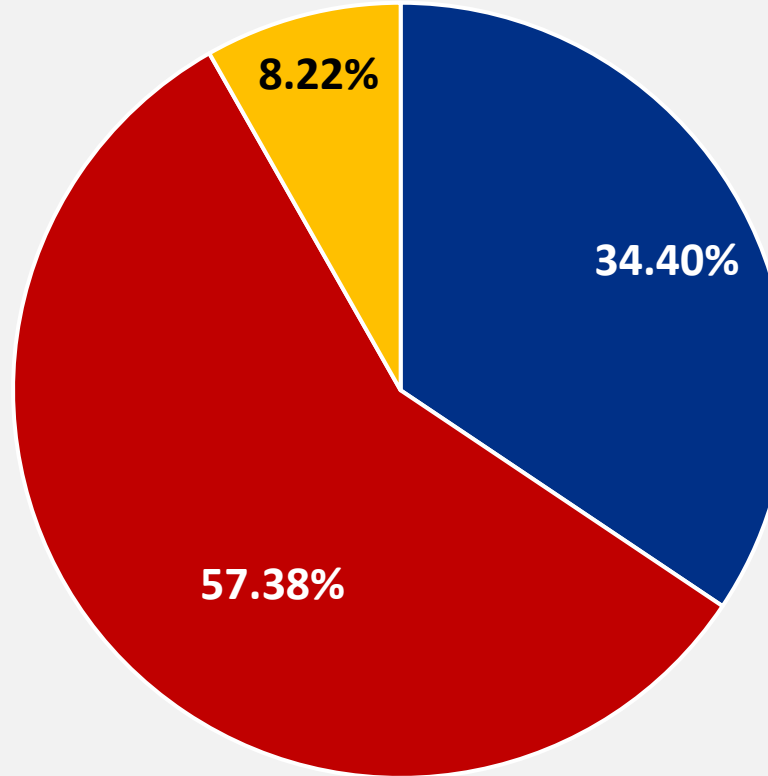
Data prepared by Injury Prevention Unit
Epidemiologists using EMSTR data, August 2025.

Severe Trauma Transfer Time by Trauma Designation Level IV

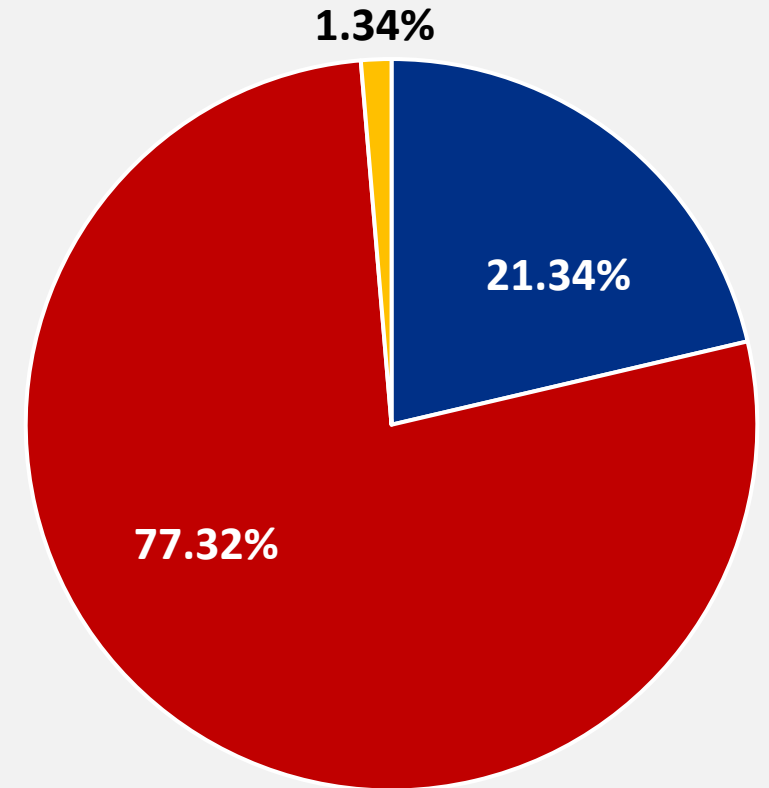
2022, N=714



2023, N=840

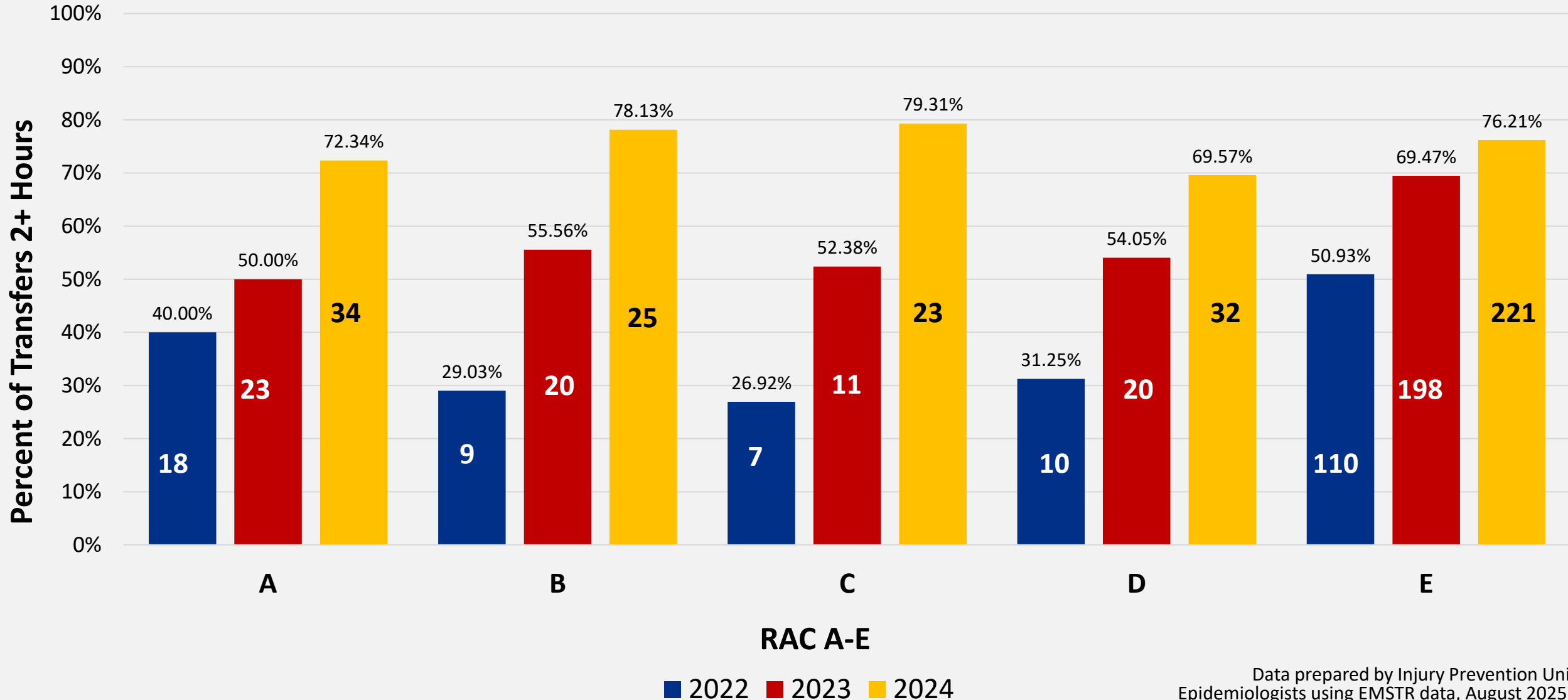


2024, N=820



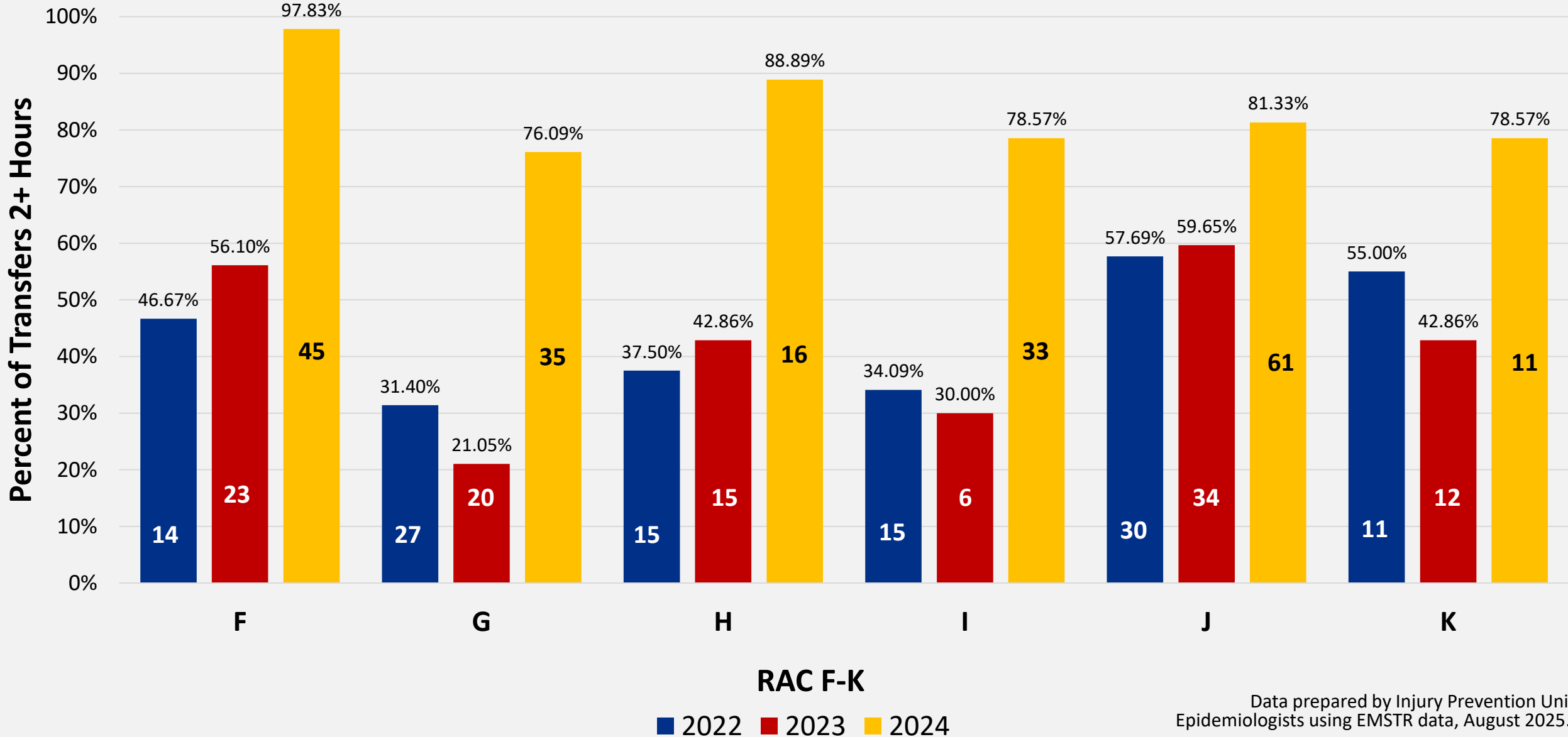
■ Under 2 hours ■ Over 2 hours ■ Missing time

Severe Trauma Transfer Delay 2+ Hours by Regional Advisory Council (RAC) A-E



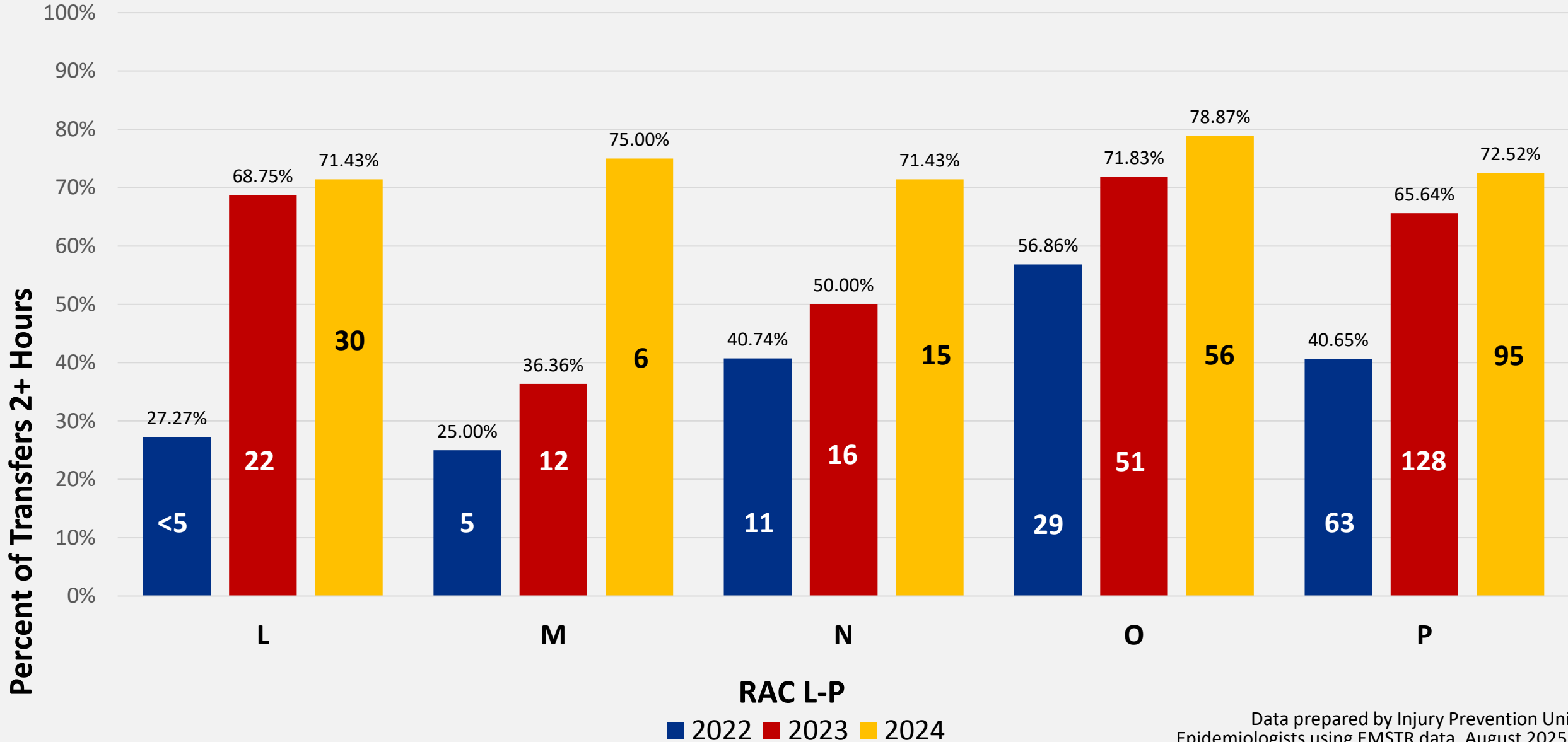
Data prepared by Injury Prevention Unit
Epidemiologists using EMSTR data, August 2025.

Severe Trauma Transfer Delay 2+ Hours by RAC F-K



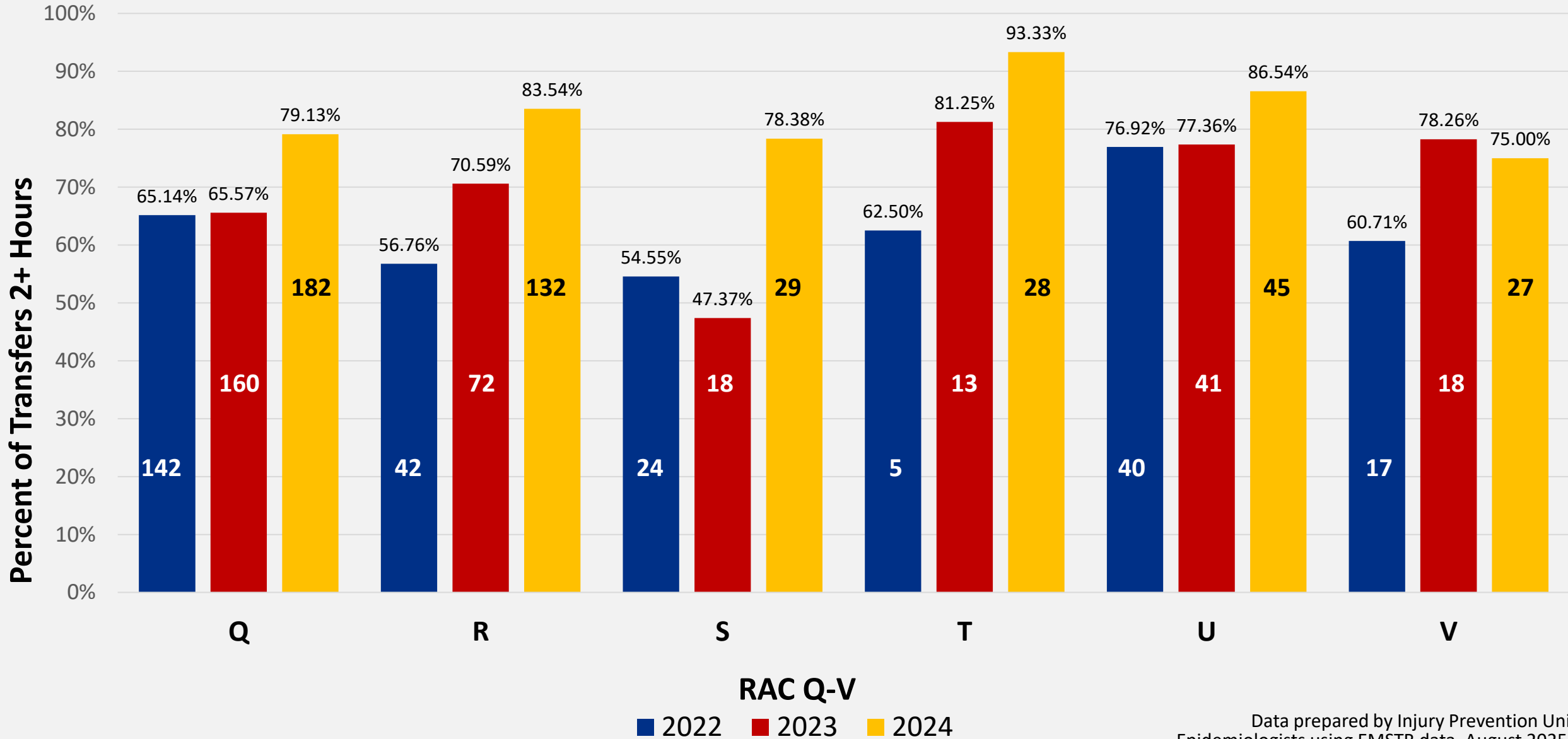
Data prepared by Injury Prevention Unit
Epidemiologists using EMSTR data, August 2025.

Severe Trauma Transfer Delay 2+ Hours by RAC L-P



Data prepared by Injury Prevention Unit
Epidemiologists using EMSTR data, August 2025.

Severe Trauma Transfer Delay 2+ Hours by RAC Q-V



Data prepared by Injury Prevention Unit
Epidemiologists using EMSTR data, August 2025.

Thank you!

EMSTR Severe Trauma Transfer Delay PI Data, Texas

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