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# Trauma Registry 2016

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**May 9-11, 2018**



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# **Pediatric Committee Update**

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# Agenda

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1. Texas Registries Overview
2. Pediatric Transfers Report



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# Texas Registries Overview

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- Reports submitted by TX hospitals and EDs (passive surveillance)
- Data transmitted via file transfer or web entry to the Registry
- Data standard dictated by National Trauma Data Bank (NTDB)
- Trauma Registry data likely do not include everything available to hospital trauma registrars

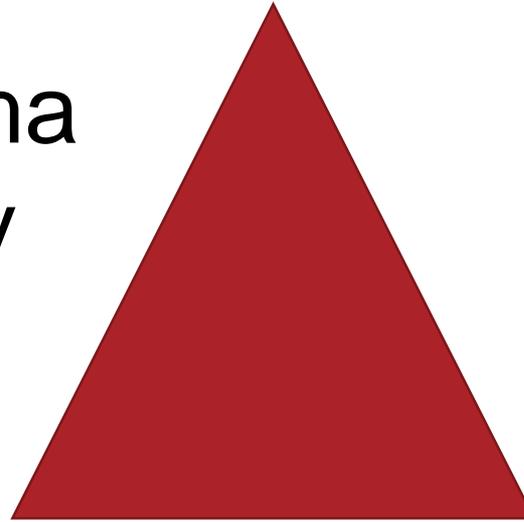


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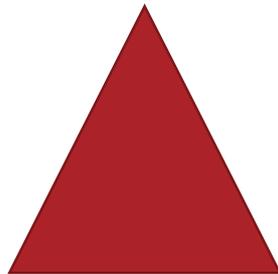
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# Data System Differences

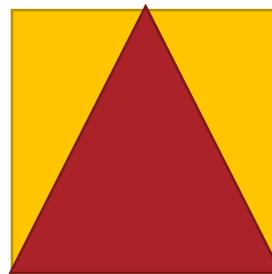
TX Trauma Registry



Hospital 1



Hospital 2



Hospital 3



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# Overview of Trauma Records

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## Texas DSHS Trauma Registry 2016

- **149,541** records in 2016
- Trauma definition:
  - Specific ICD codes AND
  - Hospitalized for 48+ hours OR transferred into or out of the hospital OR death



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# Overview of Outbound Pediatric Trauma Transfers

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## Texas DSHS Trauma Registry 2016

- **3,676 pediatric** transfer records in 2016 (14% of all pediatric records)
- Pediatric: **< 18** years of age
- Outbound **transfer** definition:
  - Trauma record AND
  - Disposition of “transferred” to another hospital
  - Less than 12 hour stay



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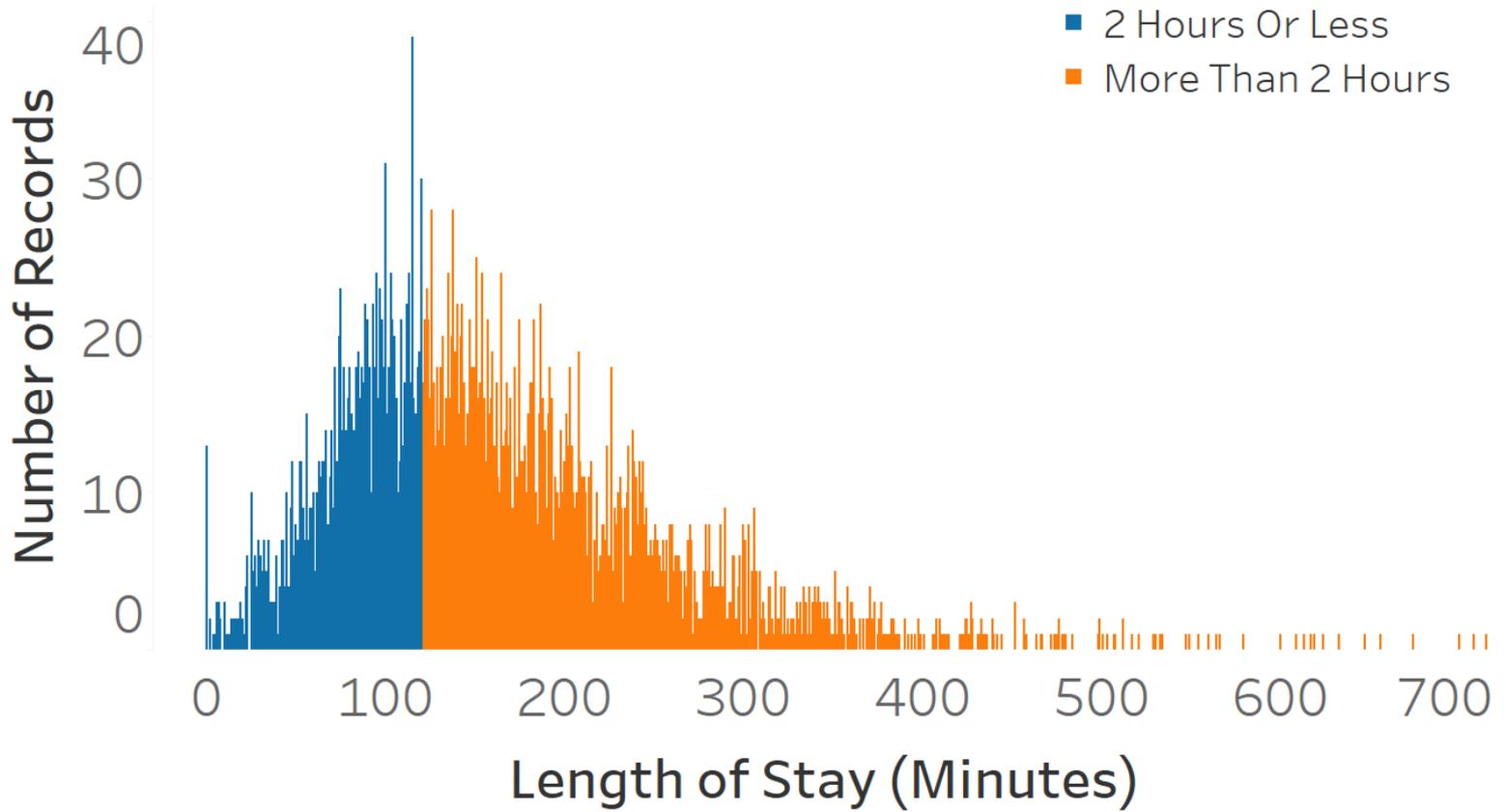
# Distribution: Length of Stay (Minutes)



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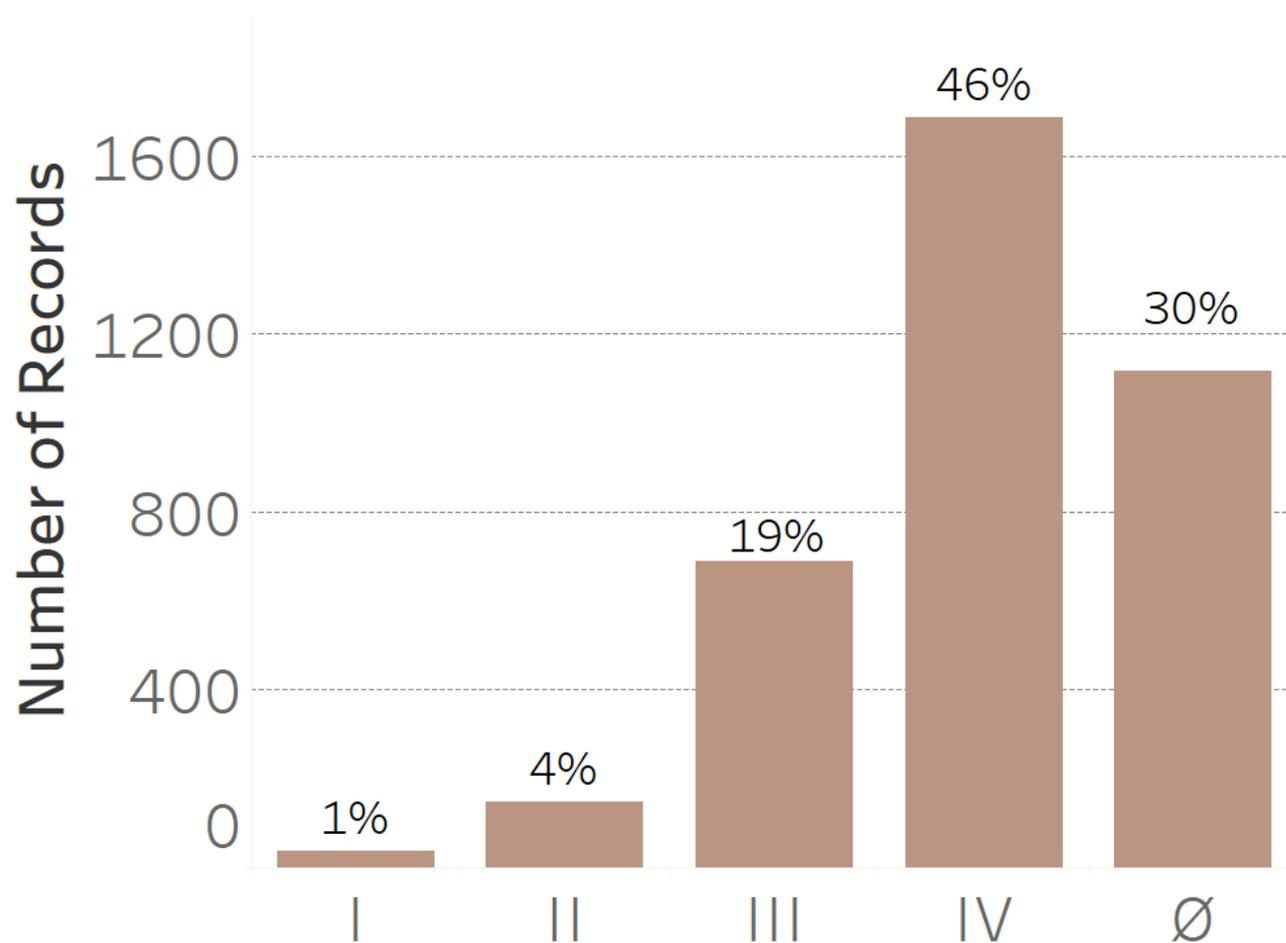
# Pediatric Transfer Records by Trauma Designation



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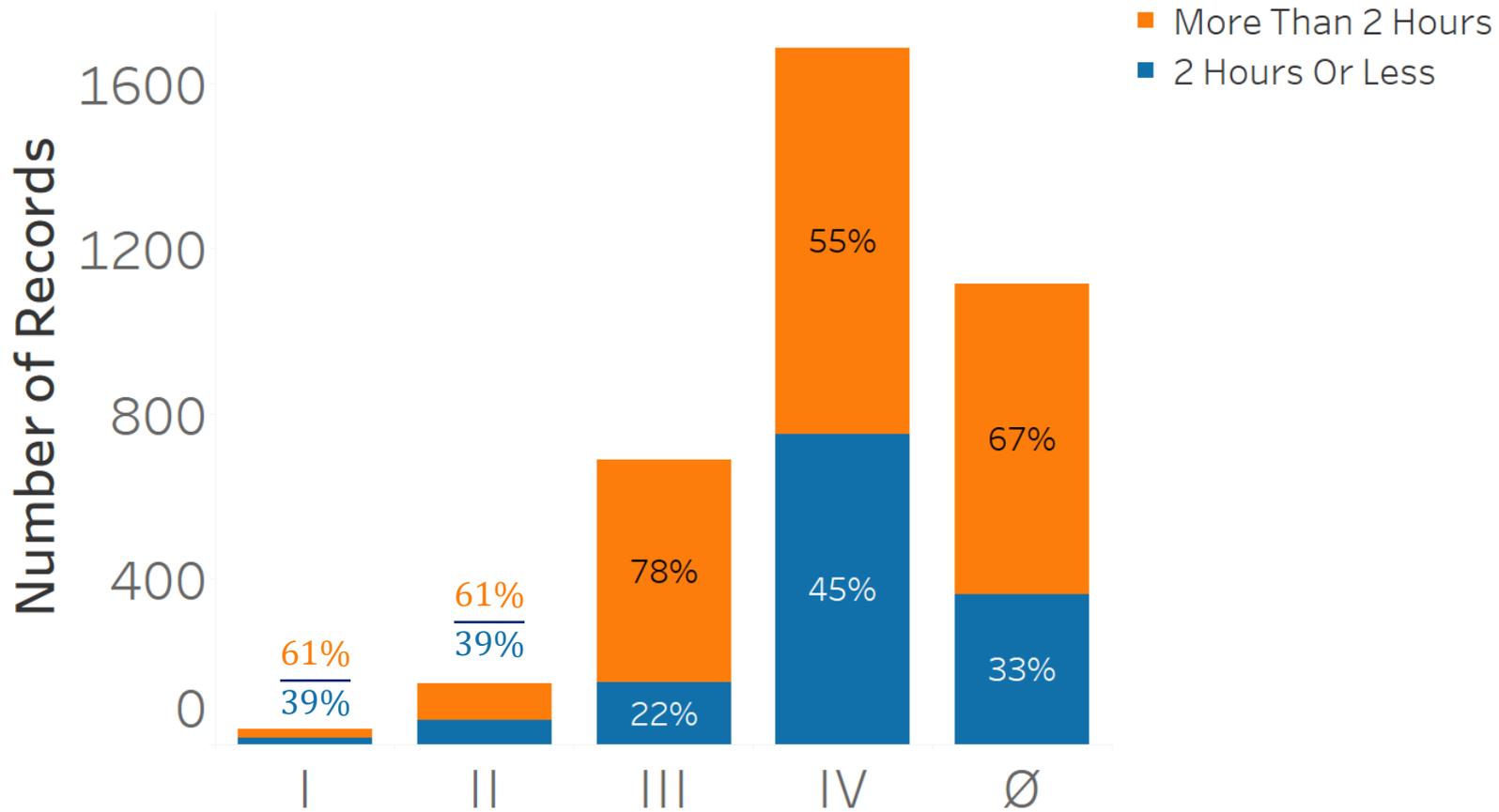


# Pediatric Transfer Records by Trauma Designation



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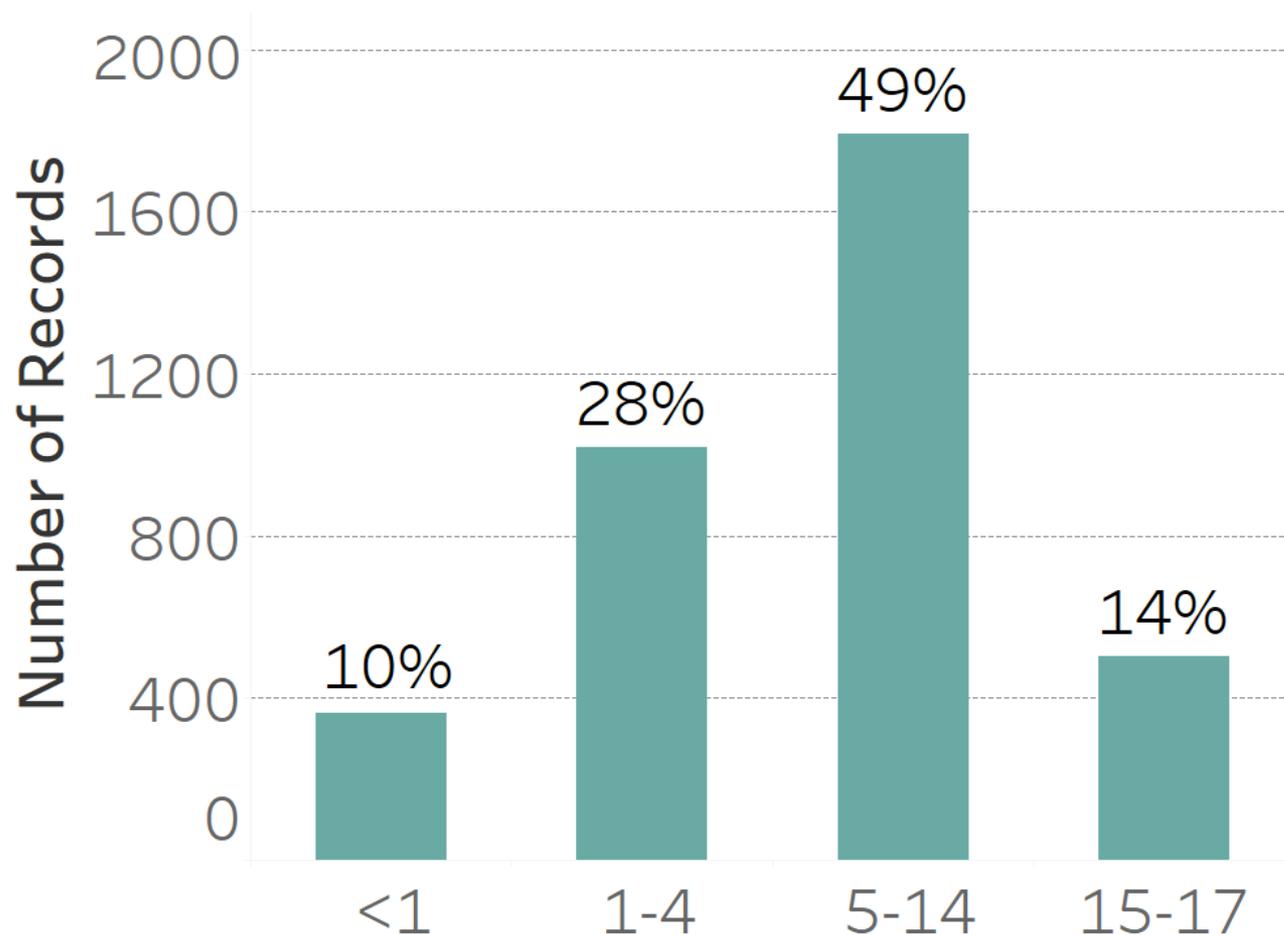
# Pediatric Transfer Records by Age Group



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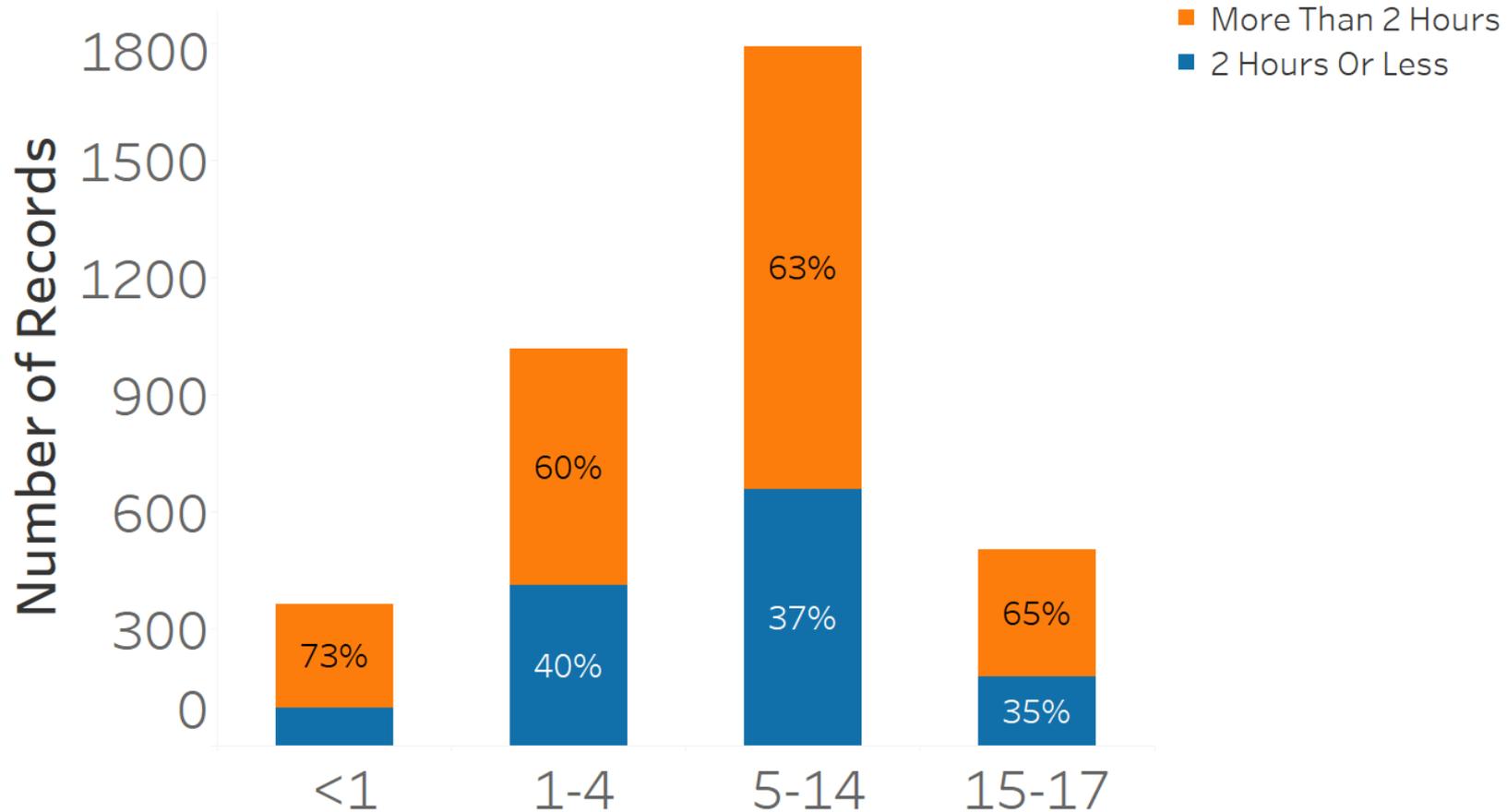
# Pediatric Transfer Records by Age Group



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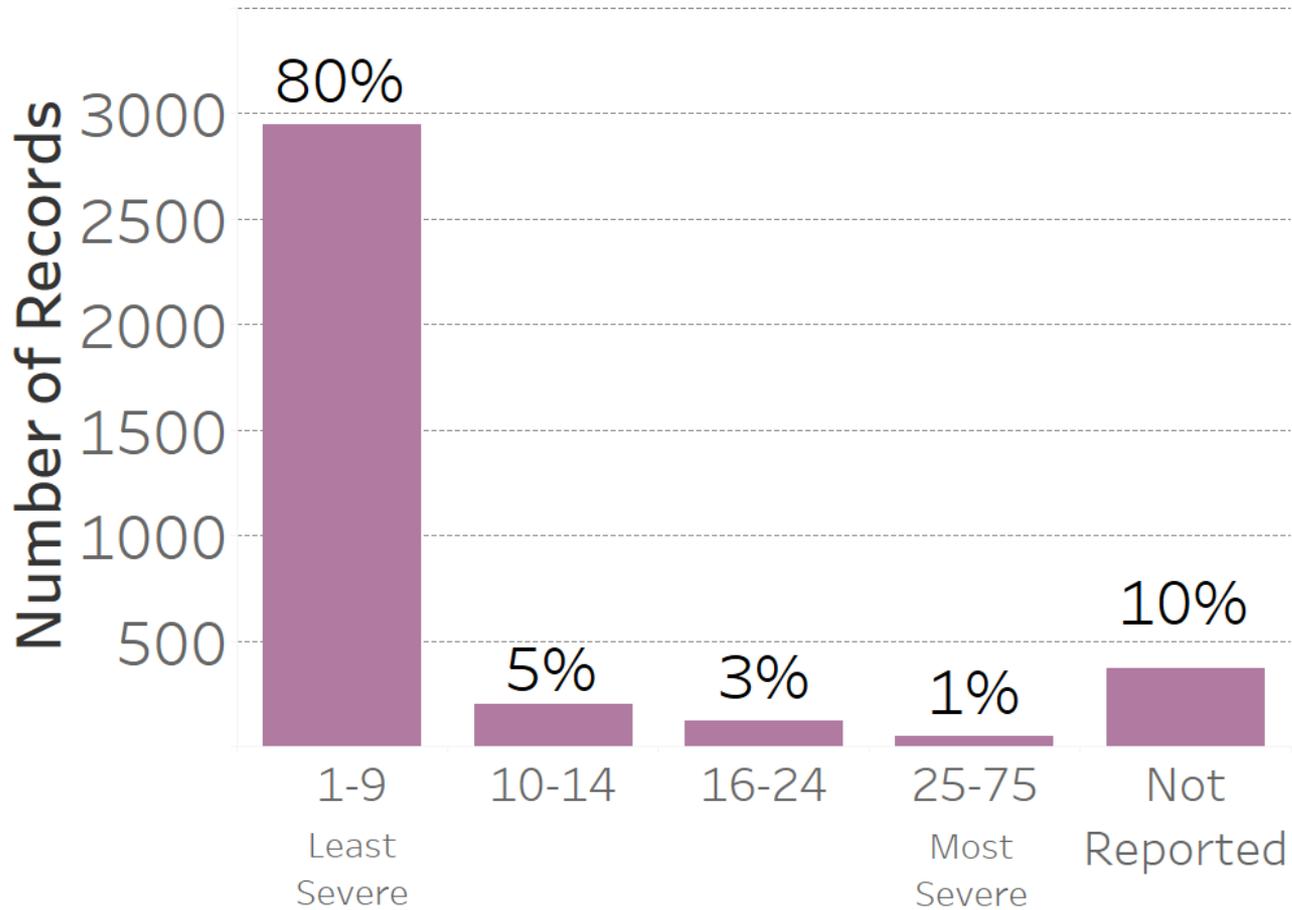
# Pediatric Transfer Records by Injury Severity Score



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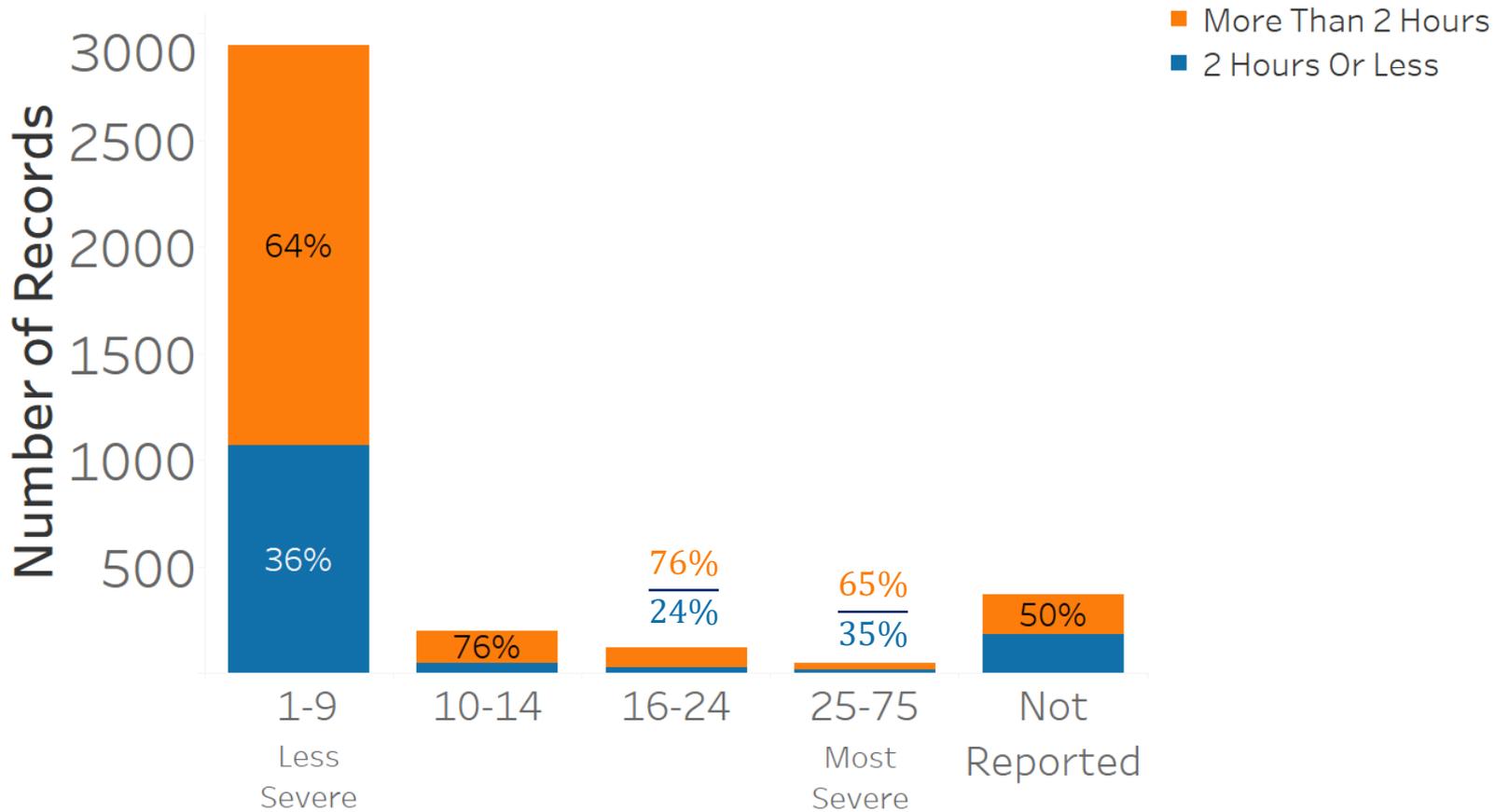
# Pediatric Transfer Records by Injury Severity Score



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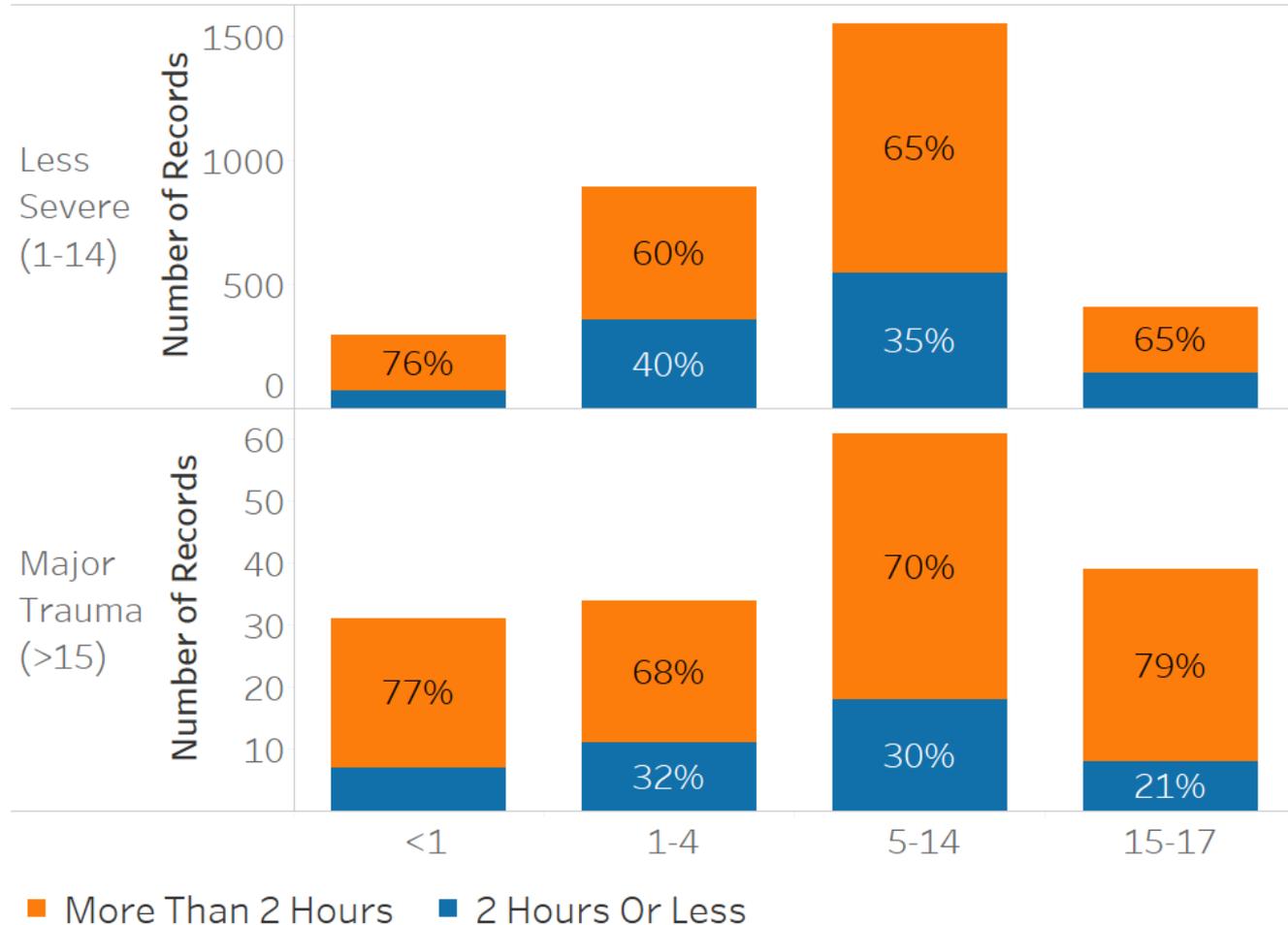
# Pediatric Transfer Records by Age and Injury Severity Score



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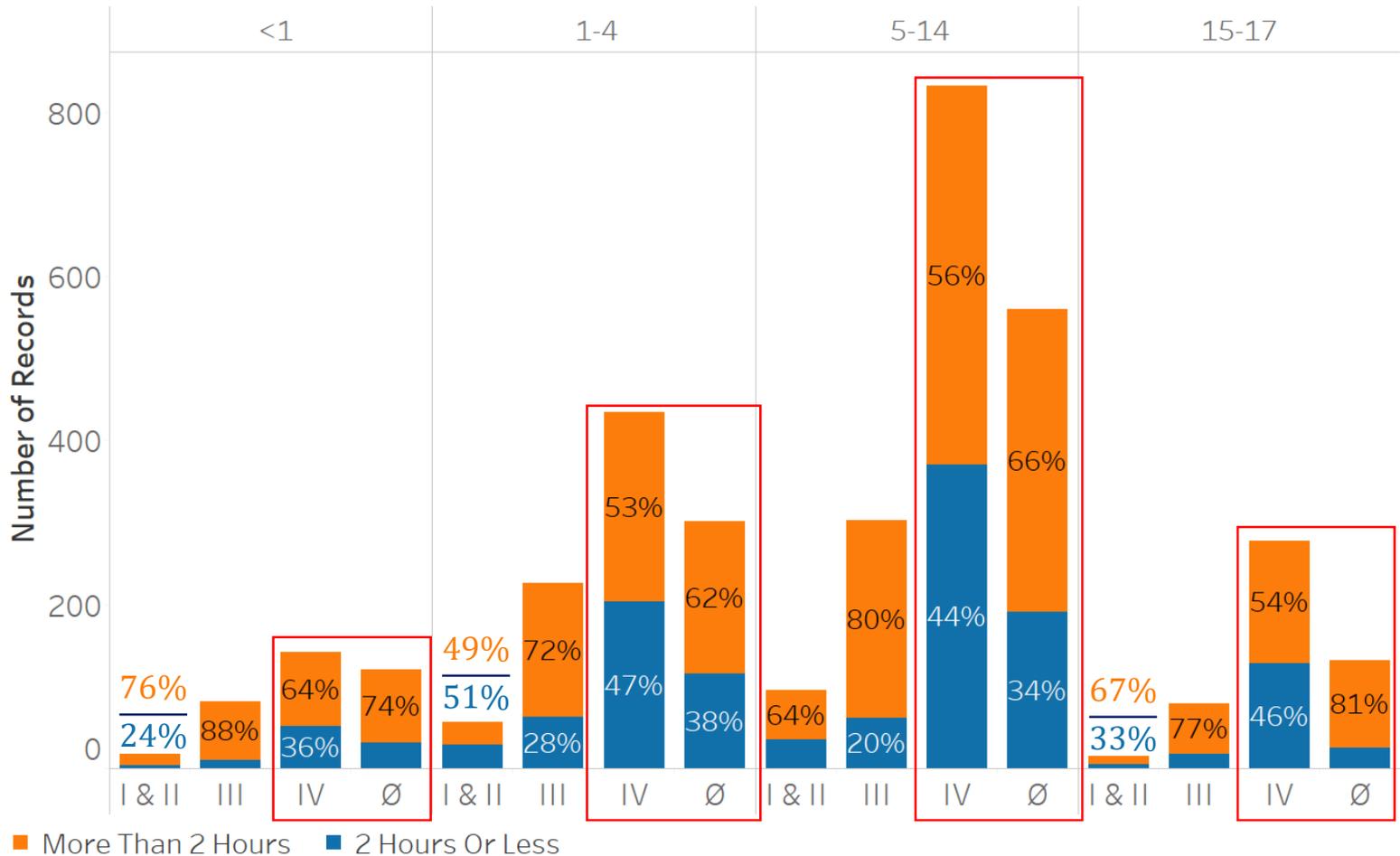
# Pediatric Transfer Records by Age and Trauma Designation



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# Comments/Questions

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- Registry Operations Support:  
[Injury.web@dshs.texas.gov](mailto:Injury.web@dshs.texas.gov)
- Data Analysis and Epidemiology:  
[Injury.epi@dshs.texas.gov](mailto:Injury.epi@dshs.texas.gov)