



TEXAS
Health and Human
Services

**Texas Department of State
Health Services**

Texas Trauma Center Levels and Trauma Incidents by Age 2020 Data

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Introduction

- Per Texas Administrative Code, Title 25, Chapter 103, hospitals must report spinal cord injuries, traumatic brain injuries, and other traumatic injuries.
- The DSHS Emergency Medical Services/Trauma Registries (EMS/TR) is a passive surveillance system and only uses records submitted to the Registries.
- Patients transferred between hospitals will have more than one record as each hospital must independently report to EMS/TR.
- EMS/TR presents the 2020 hospital traumatic injury report data.

Methodology Notes

- EMS/TR received a total of **137,826** unique patient records.
- Per best practice, data is suppressed when there are less than five records to safeguard potentially identifiable data.

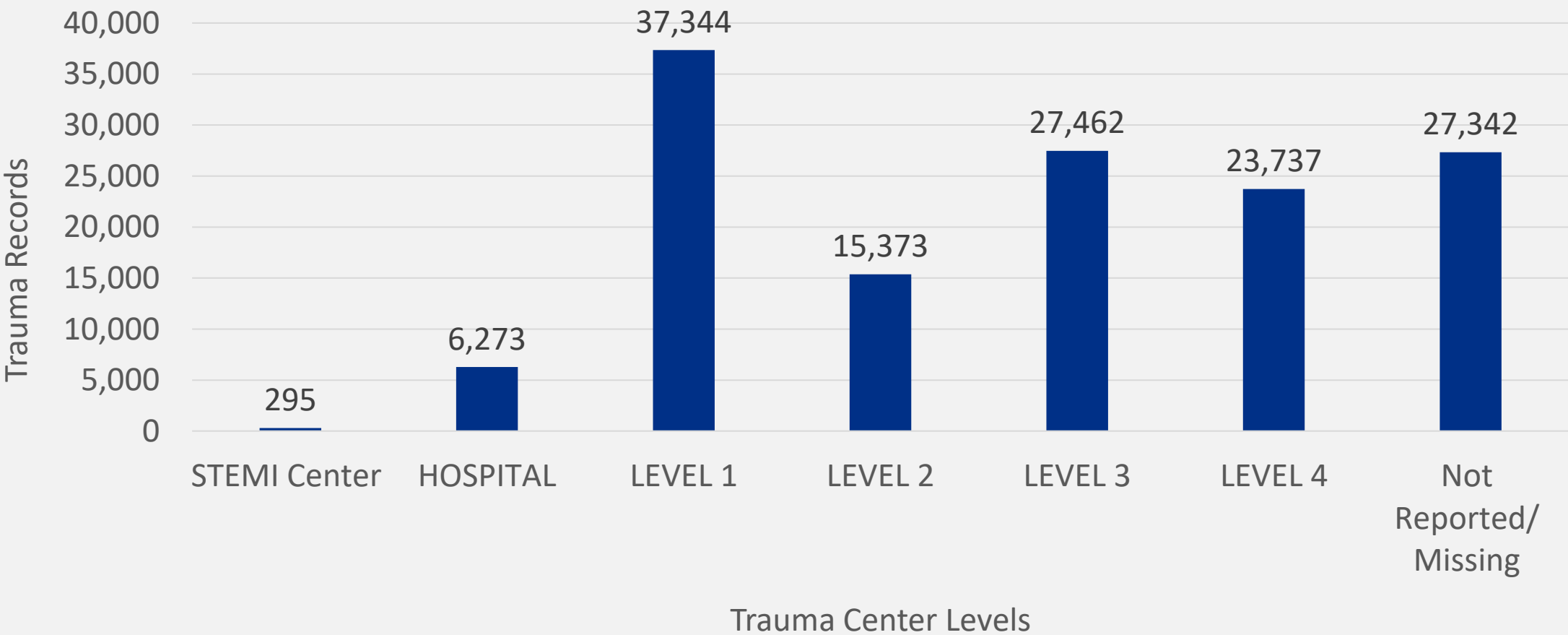
Definitions

- Level I Trauma – Manage major and severe trauma patients, provide ongoing educational opportunities in trauma related topics for health care professionals and the public, implement targeted injury prevention programs, and conduct trauma research.
- Level II Trauma – Provide similar services to the Level I trauma facility although research and some medical specialty areas are not required for Level II facilities, provide ongoing educational opportunities in trauma related topics for health care professionals and the public, and implement targeted injury prevention programs.
- Level III Trauma – Provide resuscitation, stabilization, and assessment of injury victims and either provide treatment or arrange for appropriate transfer to a higher-level trauma facility, provide ongoing educational opportunities in trauma related topics for health care professionals and the public, and implement targeted injury prevention programs.

Definitions continued

- Level IV Trauma – Provide resuscitation, stabilization, and arrange for appropriate transfer of major and severe patients to a higher-level trauma facility, provide ongoing educational opportunities in trauma related topics for health care professionals and the public, and implement targeted injury prevention programs.
- STEMI Center – Serve as a severe heart attack (or STEMI) hospital with expertise, equipment, facilities, and other resources to administer percutaneous coronary intervention (PCI), according to the American Heart Association.
- Hospital – Provide services, facilities, and beds for use for more than 24 hours for two or more unrelated individuals. Hospitals include facilities that have not yet gone through the designation process or do not plan to go through the designation process.
- Not Reported/ Missing - Trauma Designation Level is not a mandatory field in the EMS/TR registry. Therefore, some hospitals choose not to fill it in.

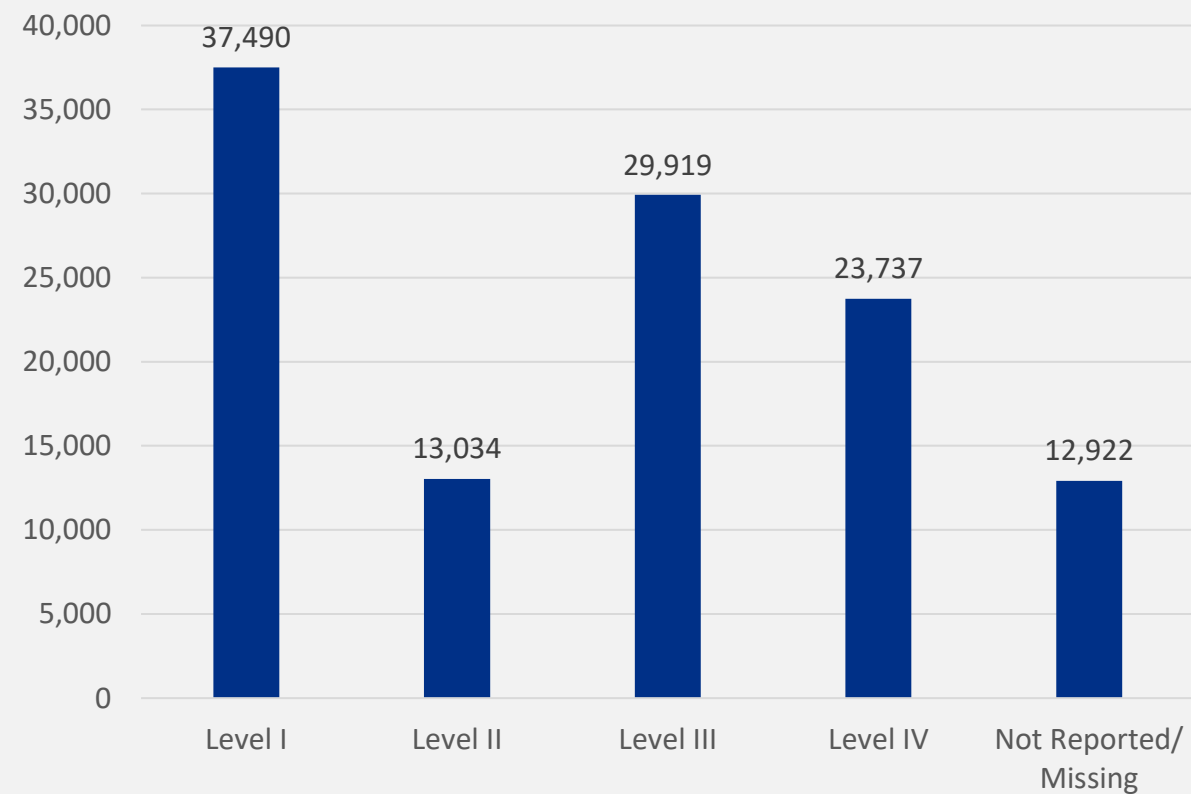
Trauma Incidents by Trauma Center Levels, 2020



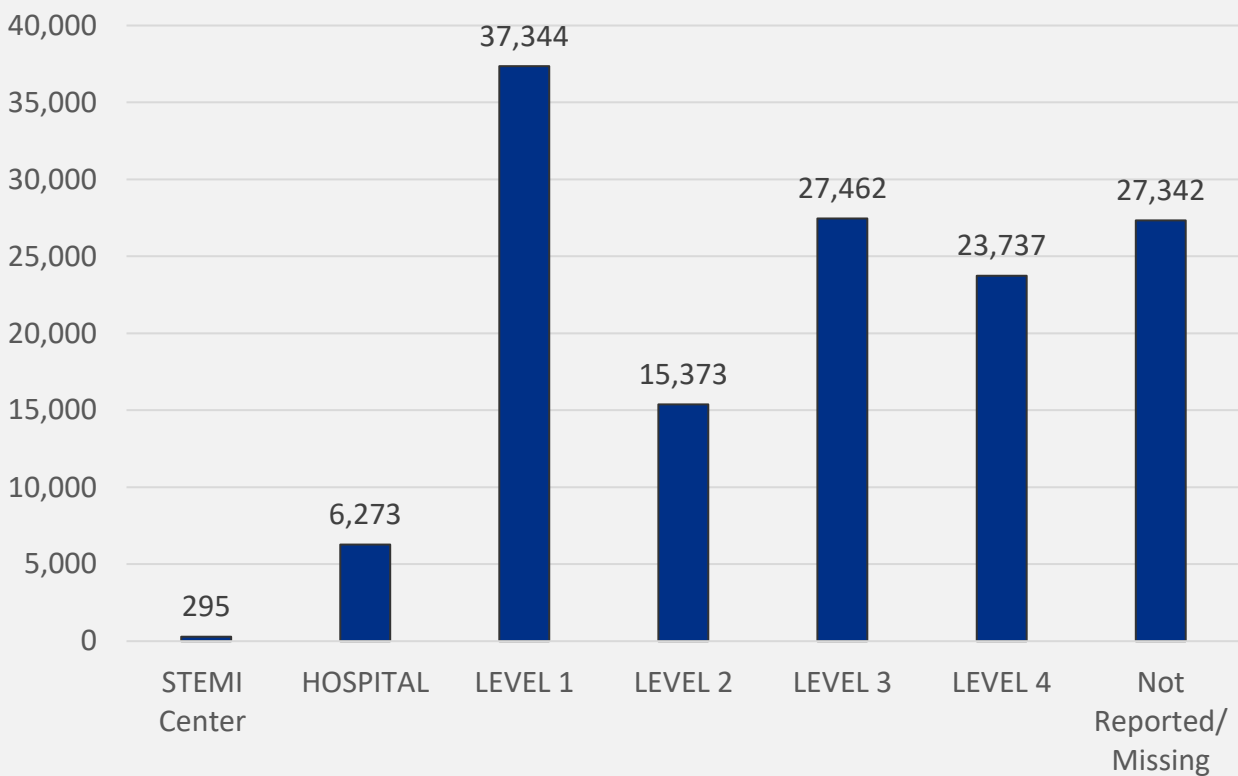
Trauma Incidents by Trauma Center Level

Compare 2011 and 2020

2011 - Trauma Incident by Trauma Center Level



2020 - Trauma Incidents by Trauma Center Level



Texas Trauma Incidents by Age, 2020

Texas Trauma Incidents by Age				
N=137,826				
Age	Incidents	Percent	Deaths	Fatality Rate
< 1 year	1,644	1.2	27	1.6
1-4	4,507	3.3	48	1.1
5-9	4,725	3.4	35	0.7
10-14	4,511	3.3	49	1.1
15-19	6,690	4.8	205	3.1
20-24	7,838	5.7	274	3.5
25-34	14,927	10.8	478	3.2
35-44	12,589	9.1	363	2.9
45-54	12,014	8.7	364	3.0
55-64	15,489	11.2	449	2.9
65-74	17,693	12.8	481	2.7
75-84	19,218	13.9	585	3.0
≥85	15,962	11.6	489	3.1
Total	137,826	100.0	3853	2.8

Fatal Trauma Incidents by Age, Compare 2011 & 2020

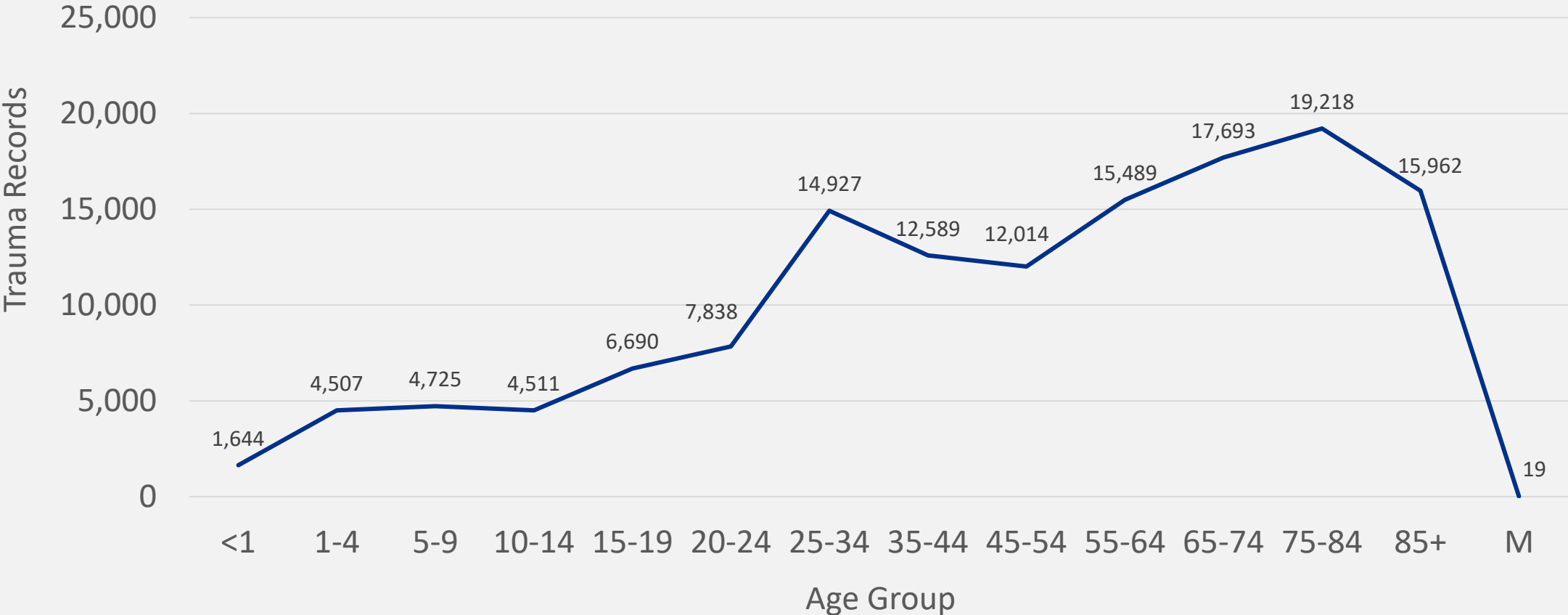
2011 Trauma Incidents by Age

Texas Trauma Incidents by Age				
N=117,122				
Age	Incidents	Percent	Deaths	Case Fatality Rate
< 1 year	1,686	1.4	32	1.9
1 - 4	5,636	4.8	81	1.4
5 - 9	5,092	4.3	29	0.6
10 - 14	4,883	4.2	44	0.9
15 - 19	7,239	6.2	188	2.6
20 - 24	8,959	7.7	249	2.8
25 - 34	14,099	12.0	433	3.1
35 - 44	11,436	9.8	321	2.8
45 - 54	12,653	10.8	352	2.8
55 - 64	11,335	9.7	385	3.4
65 - 74	9,970	8.5	306	3.1
75 - 84	12,895	11.0	423	3.3
≥ 85	11,222	9.6	431	3.8
Total	117,112	100.0	3,274	2.8

2020 Trauma Incidents by Age

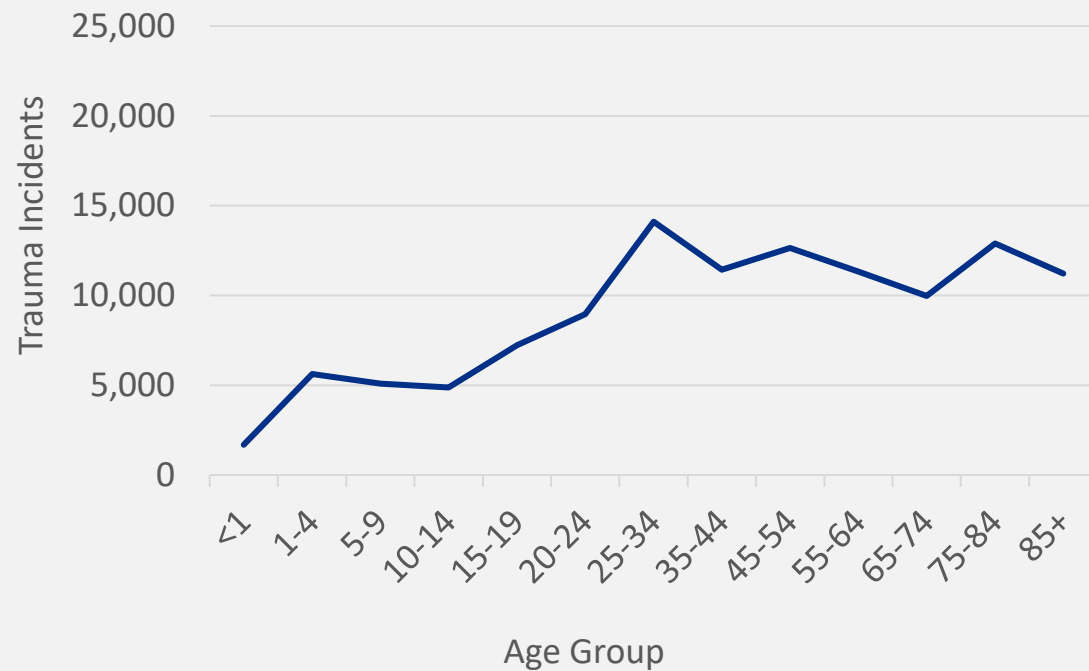
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Trauma Incidents by Age, 2020

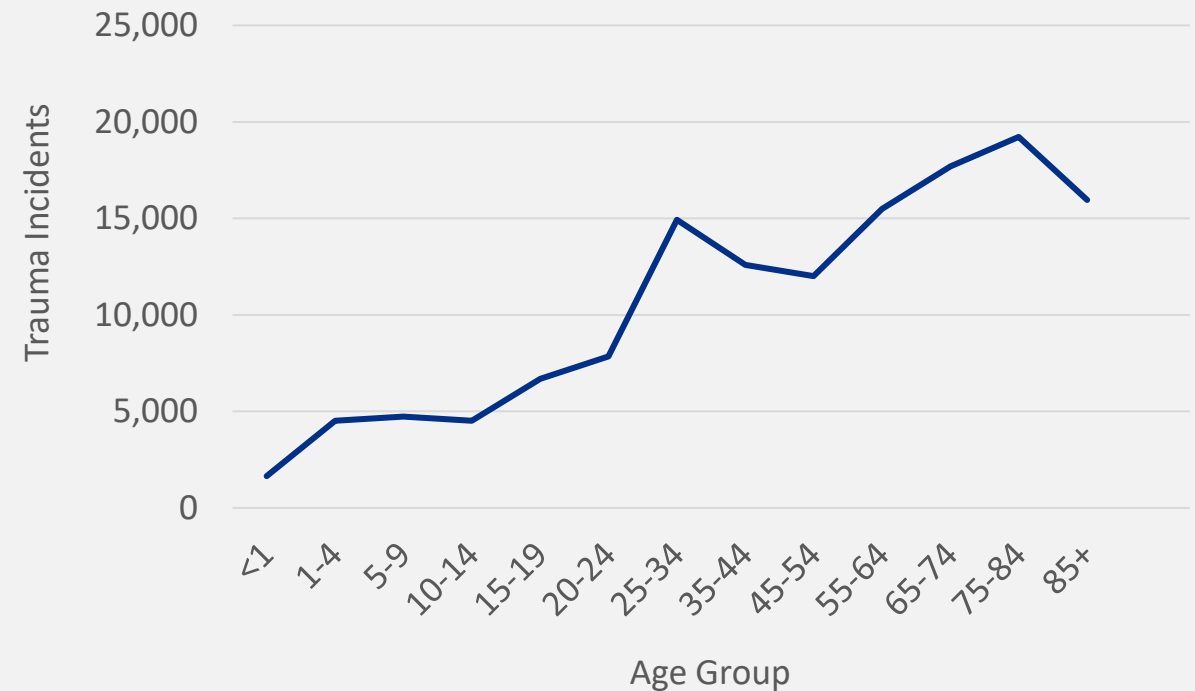


Trauma Incidents by Age Compare 2011 and 2020

Trauma Incidents, TX, 2011



Trauma Incidents, TX, 2020



Thank you!

Texas Trauma Center Levels and
Trauma Incidents by Age
2020 Data

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