



2013 PEDIATRIC SUMMARY REPORT

RAC P

Texas EMS/Trauma Registry

The Pediatric Summary Report provides a brief overview of the trauma hospitalization data for patients under the age of 18 submitted by RACs to the Texas EMS/Hospital Trauma Registry.

The hospital inclusion criteria are as follows per Texas Administrative Code, Title 25, Chapter 103:

Traumatic Brain Injuries

An acquired injury to the brain, including brain injuries caused by anoxia due to submersion incidents. The following International Classification of Diseases 9th Revision Clinical Modification (ICD-9-CM) diagnostic codes are to be used to identify cases of traumatic brain injury: 800.0-801.9, 803.0-804.9, and 850.0-854.1. The ICD-9-CM diagnostic code to be used to identify traumatic brain injury caused by anoxia due to submersion incidents is 348.1 or 994.1 (Rule § 103.2).

Spinal Cord Injuries

An acute, traumatic lesion of the neural elements in the spinal canal, resulting in any degree of sensory deficit, motor deficits, or bladder/bowel dysfunction. The ICD-9-CM diagnostic codes are to be used to identify cases of traumatic spinal cord injury: 806.0-806.9 and 952.0-952.9 (Rule § 103.2).

Other Traumatic Injuries

An injury listed in the ICD-9-CM diagnostic codes between 800.0 and 959.9, excluding 905-909, 910-924, and 930-939, and admitted to a hospital inpatient setting (for more than 48 hours), or died after receiving any evaluation or treatment or was dead on arrival, or transferred into or out of the hospital (Rule § 103.2).

Note: The ICD-9-CM codes used above are diagnosis codes, not E-codes.

This summary report only includes data on hospital records that were reported to the registry through a passive surveillance system. Additionally, these data are based on hospitalizations, not patients, such that if a patient was hospitalized more than once or transferred between facilities, both hospital records will be included.

The following report was generated with pediatric hospital patient records submitted to the Texas EMS/Trauma Registry as of 4/8/2014. This report includes only trauma hospitalization records successfully submitted to the Texas EMS/Trauma Registry for the year specified.

Questions? Feel free to contact the Injury Program through our webpage (<http://www.dshs.state.tx.us/injury>), by phone (1-800-242-3562), or by email (injury.web@dshs.state.tx.us).

For information on the 22 Texas RACs, visit:

<http://www.dshs.state.tx.us/emstraumasystems/etrarac.shtm>

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OVERVIEW

PEDIATRIC HOSPITALIZATIONS (AGES 0-17)	
TOTAL:	2437
TRAUMA TEAM ACTIVATION	
Yes:	1320
No:	409
TRANSFERS	
Transferred In	
<i>Total:</i>	978
<i>From entity within RAC:</i>	666
Transferred Out	
<i>Total:</i>	602
<i>To entity within RAC:</i>	568
TYPES OF INJURIES	
TBI Injuries:	532
SCI Injuries:	5

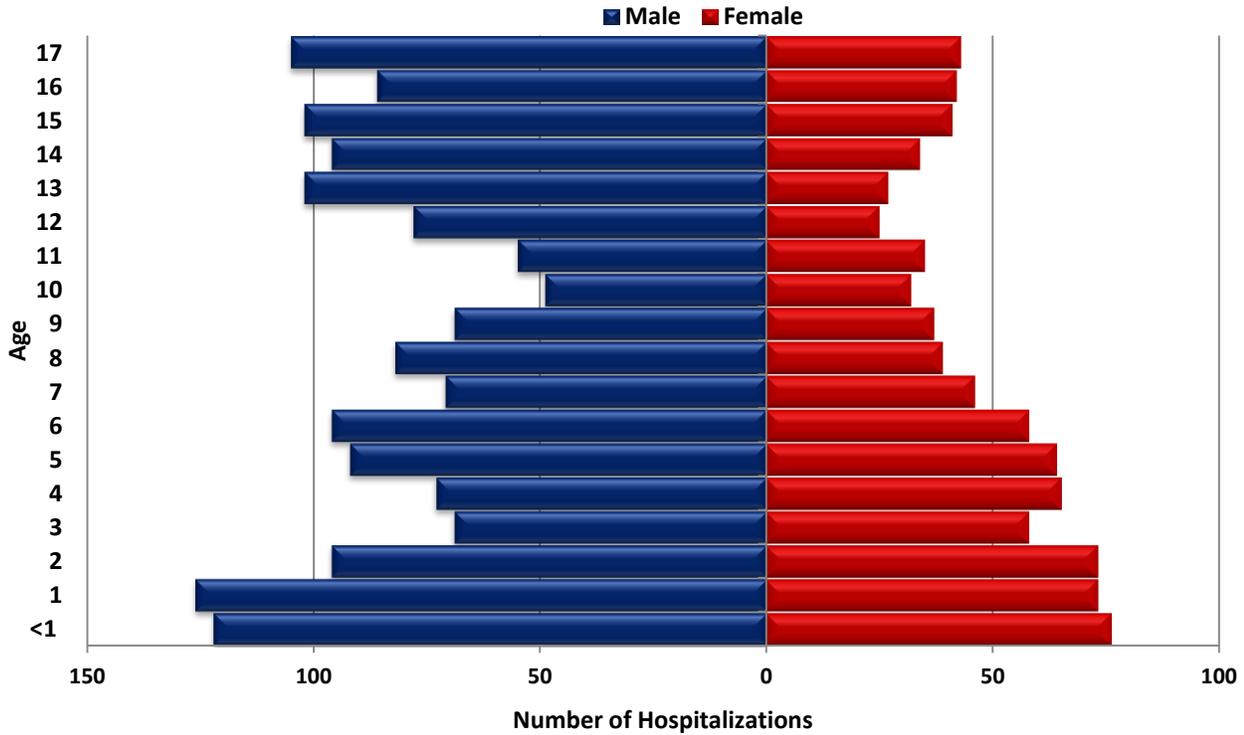
SUMMARY COUNTS



- 64.4% of all pediatric hospitalizations were male.
- 64.9% of pediatric hospitalizations were Hispanic.
- 51.7% of all unintentional injuries were associated with either Falls or Motor Vehicle injuries.
- 15.2% of pediatric traumatic brain injuries were assessed with severe head injuries.
- 91.0% of all pediatric traumatic brain injuries had an injury severity score of 16 or greater.

DEMOGRAPHICS

Number of Pediatric Hospitalizations by Age and Sex



Pediatric Hospitalizations by Age, Sex, Race, & Ethnicity

Age	Sex		Race				Ethnicity	
	Male	Female	White	Black	Other	Unknown	Hispanic	Non-Hispanic
<1	122	76	58	6	8	0	125	72
1	126	73	49	12	6	0	131	67
2	96	73	42	7	8	0	110	57
3	69	58	24	7	6	0	90	37
4	73	65	36	8	4	0	90	48
5	92	64	36	7	2	0	109	45
6	96	58	45	5	4	0	100	54
7	71	46	34	1	4	0	77	39
8	82	39	28	4	7	0	82	39
9	69	37	35	5	1	0	65	41
10	49	32	30	6	2	0	43	38
11	55	35	21	2	3	0	64	26
12	78	25	36	3	0	0	65	38
13	102	27	38	1	3	0	87	42
14	96	34	36	5	1	0	88	42
15	102	41	39	9	2	1	92	50
16	86	42	47	5	2	0	74	54
17	105	43	50	7	2	0	89	59
Total	1569	868	684	100	65	1	1581	848

CAUSE OF INJURY

Mechanisms of Injury by Intent

External Cause of Injury	Manner/Intent				Total
	Unintentional	Self-Inflicted	Assault	Undetermined	
Cut/pierce	49	6	15	1	71
Drowning/submersion	9	0	0	0	9
Fall	805	0	0	0	805
Fire/burn	308	0	0	1	309
Firearm	9	4	20	0	33
Machinery	7	0	0	0	7
Motor vehicle traffic	375	0	1	0	376
Pedal cyclist, other	55	0	0	0	55
Pedestrian, other	12	0	0	0	12
Transport, other	114	0	0	0	114
Natural/environmental	99	0	0	0	99
Overexertion	14	0	0	0	14
Poisoning	2	0	0	0	2
Struck by, against	281	3	37	1	322
Suffocation	0	0	0	0	0
Other specified and classifiable	122	0	36	1	159
Other specified, not elsewhere classifiable	12	3	3	4	22
Unspecified	10	0	1	3	14
Total	2282	16	113	11	2437

The table above is based on a framework detailed by the Centers for Disease Control and Prevention. For more details, visit http://www.cdc.gov/ncns/injury/injury_tools.htm

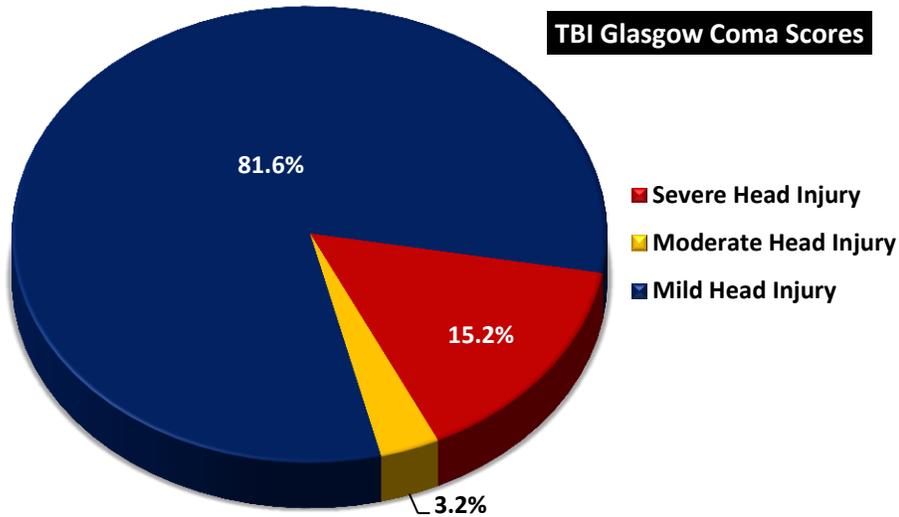
The leading injury diagnoses for all pediatric hospitalizations in 2013 are specified in the table below.

Five Leading Pediatric Injury Diagnoses		
Rank	Injury Category	Hospitalizations
1	Fracture of upper limb	446
2	Contusion with intact skin surface	376
3	Burns	372
4	Open wound of head, neck, and trunk	358
5	Fracture of skull	356

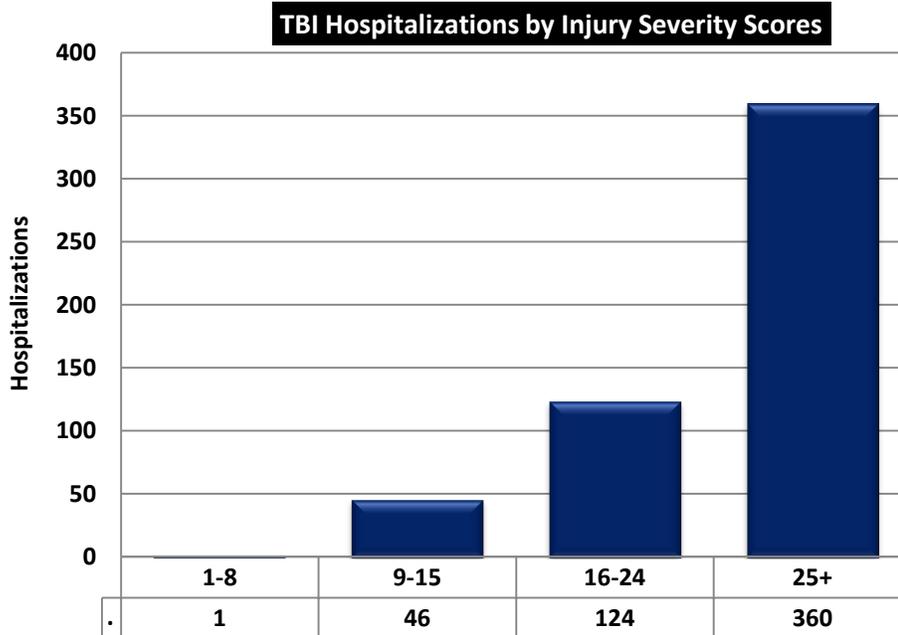
For details for which specific injury diagnosis codes are included in each ICD-9 injury diagnoses category, refer to http://www.health.gov.bc.ca/msp/info/prac/diaqcodes/800_injury.pdf

ASSESSMENTS

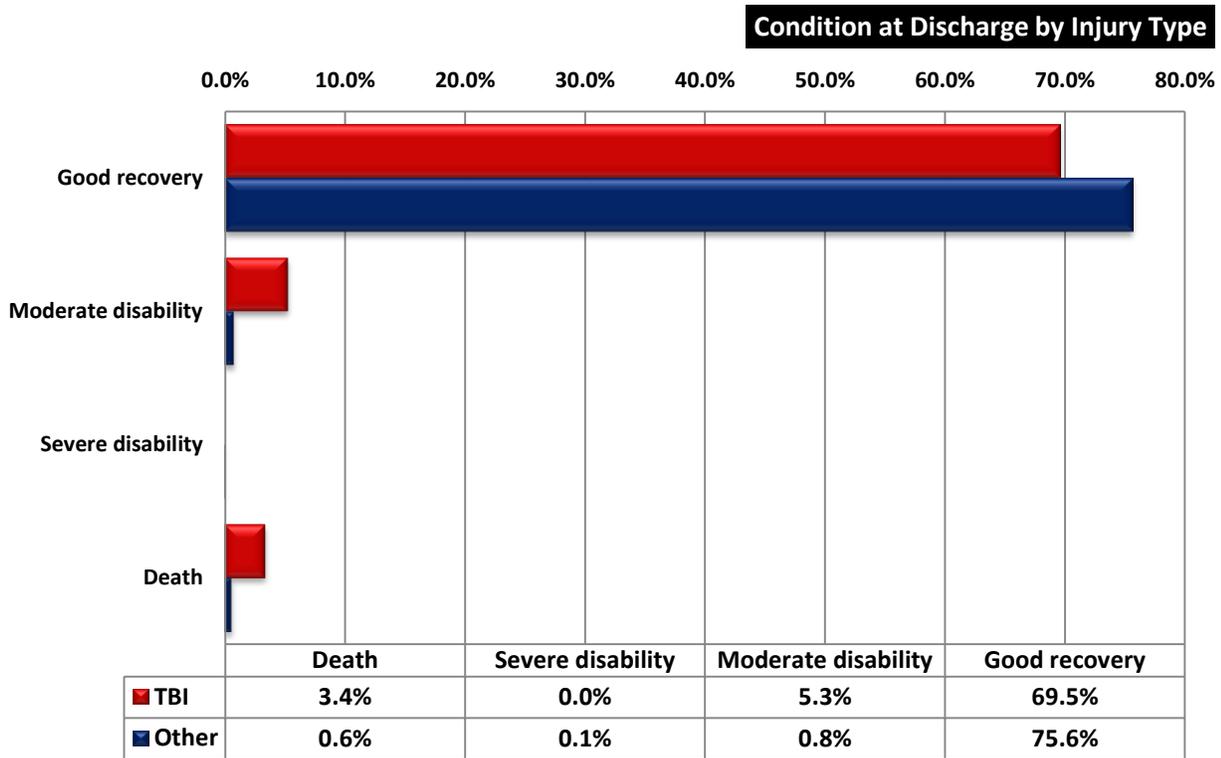
Total number of pediatric traumatic brain injuries 532



Glasgow coma score ranges: Severe: Scores 3-8; Moderate: 9-12; Mild: 13-15.



CONDITION AT DISCHARGE



Pediatric Deaths by Age & Injury Type			
Age	TBI	Other Injury	Total
<1 year	1	0	1
1	0	2	2
2	2	1	3
3	1	0	1
4	0	1	1
5	0	0	0
6	1	0	1
7	2	0	2
8	1	0	1
9	0	1	1
10	0	0	0
11	1	0	1
12	0	1	1
13	2	0	2
14	0	0	0
15	1	1	2
16	3	1	4
17	3	3	6
Total	18	11	29

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ADDITIONAL NOTES

Hospitals whose data contribute to this report are listed below.

Entity	Hospitalizations
Baptist Medical Center	3
Brooke Army Medical Hospital	69
Christus Santa Rosa Hosp - Children's Hospital	376
Christus Santa Rosa Hosp - Medical Center	9
Christus Santa Rosa Hosp - New Braunfels	26
Christus Santa Rosa Hosp - Westover Hills	103
Connally Memorial Medical Center	8
Dimmit Regional Hospital	28
Fort Duncan Regional Medical Center	39
Frio Regional Hospital	8
Guadalupe Regional Medical Center	14
Hill Country Memorial Hospital	6
Medina Regional Hospital	19
Memorial Hospital (Gonzales)	6
Methodist Hospital	221
Methodist Specialty And Transplant Hospital	4
Methodist Stone Oak Hospital	10
Methodist Texsan Hospital	4
Metropolitan Methodist Hospital	11
Mission Trail Baptist Hospital	16
North Central Baptist Hospital	73
Northeast Baptist Hospital	31
Northeast Methodist Hospital	45
Peterson Regional Medical Center	6
South Texas Regional Medical Center	26
Southwest General Hospital	46
St Luke's Baptist Hospital	3
University Hospital	1159
Uvalde Memorial Hospital	38
Val Verde Regional Medical Center	29
Victory Medical Center - Landmark	1