



2013 PEDIATRIC SUMMARY REPORT

RAC E

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:	5013
TRAUMA TEAM ACTIVATION	
Yes:	1692
No:	2585
TRANSFERS	
Transferred In	
<i>Total:</i>	1448
<i>From entity within RAC:</i>	1049
Transferred Out	
<i>Total:</i>	999
<i>To entity within RAC:</i>	953
TYPES OF INJURIES	
TBI Injuries:	1236
SCI Injuries:	42

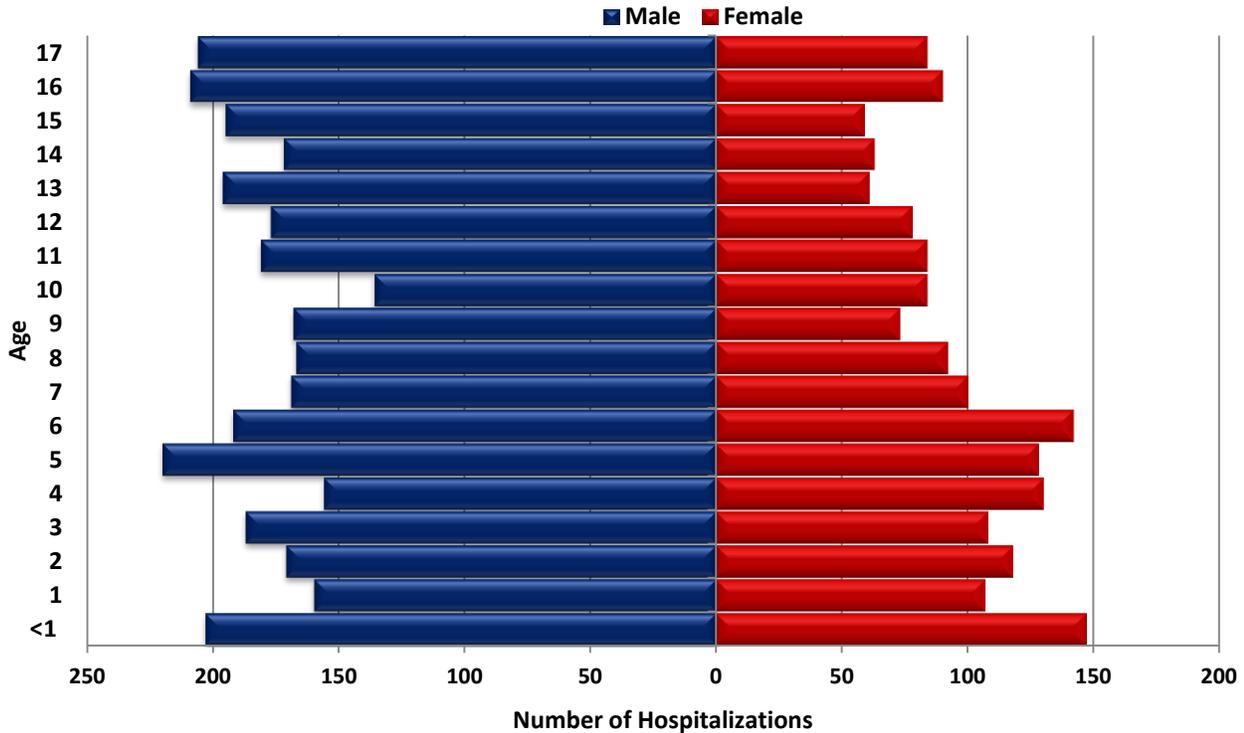
SUMMARY COUNTS



- 65.1% of all pediatric hospitalizations were male.
- 28.8% of pediatric hospitalizations were Hispanic.
- 63.6% of all unintentional injuries were associated with either Falls or Motor Vehicle injuries.
- 11.2% of pediatric traumatic brain injuries were assessed with severe head injuries.
- 51.9% 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	203	147	169	56	24	0	102	245
1	160	107	129	39	18	0	84	181
2	171	118	129	50	15	0	96	190
3	187	108	125	41	19	0	117	177
4	156	130	153	25	10	0	108	177
5	220	128	161	54	16	0	123	224
6	192	142	157	43	18	1	119	211
7	169	100	145	29	23	0	73	192
8	167	92	134	32	16	0	82	174
9	168	73	153	31	6	1	51	187
10	136	84	127	31	9	0	54	164
11	181	84	158	28	11	0	68	197
12	177	78	158	36	9	1	54	199
13	196	61	164	38	8	0	49	207
14	172	63	139	40	8	0	47	186
15	195	59	142	38	11	0	68	184
16	209	90	157	48	9	0	86	208
17	206	84	176	44	10	0	61	227
Total	3265	1748	2676	703	240	3	1442	3530

CAUSE OF INJURY

Mechanisms of Injury by Intent

External Cause of Injury	Manner/Intent				Total
	Unintentional	Self-Inflicted	Assault	Undetermined	
Cut/pierce	65	20	14	3	102
Drowning/submersion	6	0	0	0	6
Fall	2034	6	1	0	2041
Fire/burn	80	0	1	2	83
Firearm	27	8	35	4	74
Machinery	8	0	0	0	8
Motor vehicle traffic	866	0	0	0	866
Pedal cyclist, other	149	0	0	0	149
Pedestrian, other	14	0	0	0	14
Transport, other	358	0	0	0	358
Natural/environmental	162	0	0	0	162
Overexertion	23	0	0	0	23
Poisoning	1	3	0	2	6
Struck by, against	603	7	57	1	668
Suffocation	2	0	0	0	2
Other specified and classifiable	117	0	130	1	248
Other specified, not elsewhere classifiable	27	2	9	4	42
Unspecified	22	0	2	37	61
Total	4563	46	249	54	5013

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

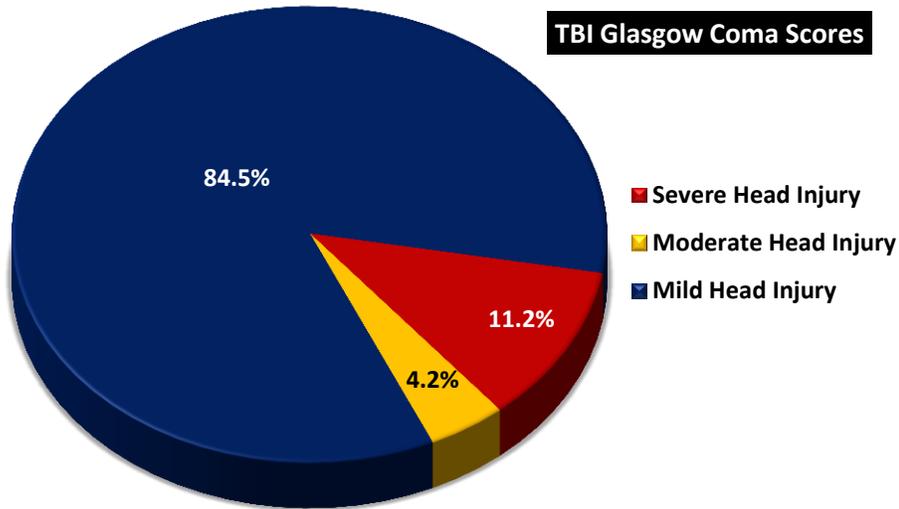
The leading injury diagnoses for all pediatric hospitalizations in 2013 are specified in the table below.

Five Leading Pediatric Injury Diagnoses		
Rank	Injury Category	Hospitalizations
1	Fracture of upper limb	1477
2	Intracranial injury, excluding those with skull fracture	973
3	Contusion with intact skin surface	865
4	Superficial injury	739
5	Fracture of skull	706

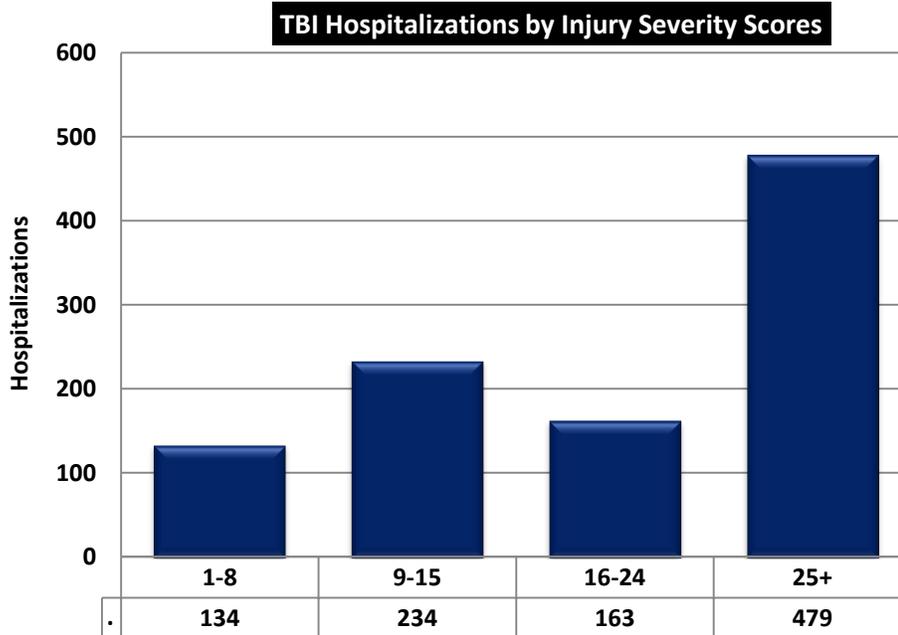
For details for which specific injury diagnosis codes are included in each ICD-9 injury diagnoses category, refer to http://www.health.gov.bc.ca/msp/info/prac/diaqcodes/800_injury.pdf

ASSESSMENTS

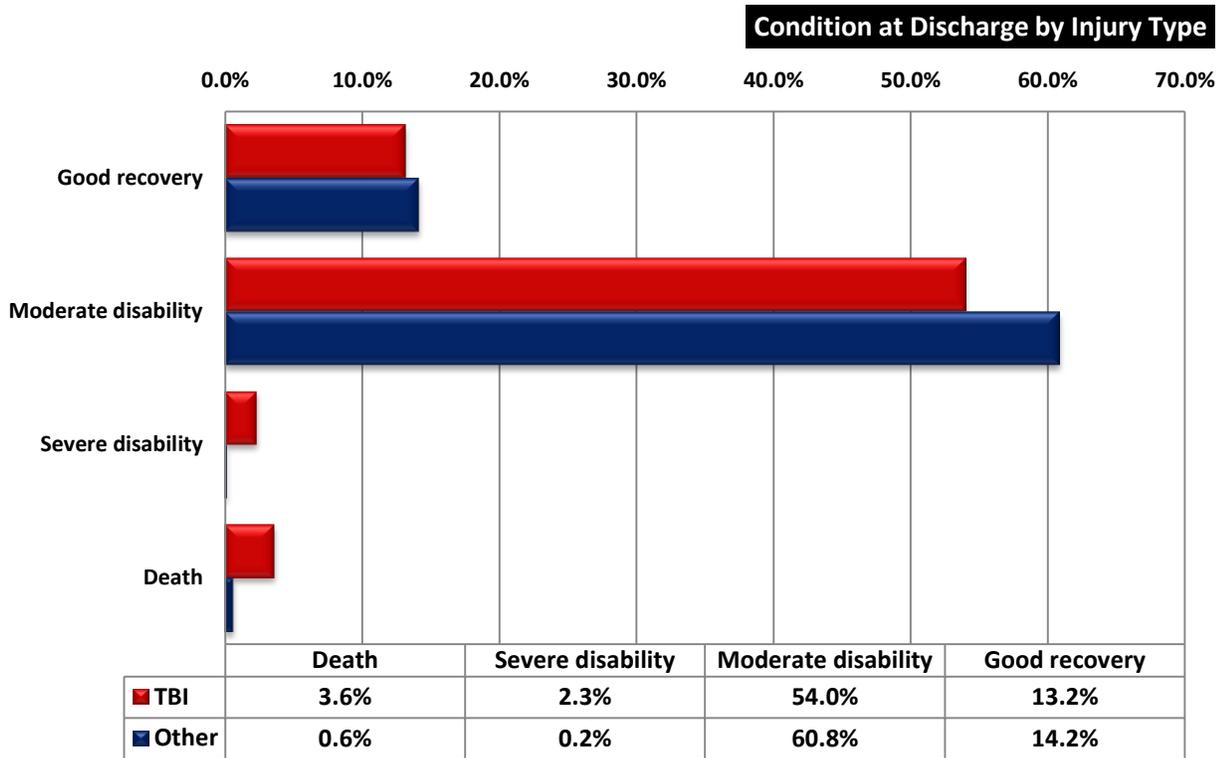
Total number of pediatric traumatic brain injuries 1236



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	10	5	15
1	3	0	3
2	2	3	5
3	2	2	4
4	0	0	0
5	2	1	3
6	2	0	2
7	2	0	2
8	0	3	3
9	0	0	0
10	1	0	1
11	0	2	2
12	3	3	6
13	1	0	1
14	5	2	7
15	4	1	5
16	4	2	6
17	4	0	4
Total	45	24	69

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ADDITIONAL NOTES

Hospitals whose data contribute to this report are listed below.

Entity	Hospitalizations
Baylor All Saints Medical Center At Ft. Worth	5
Baylor Medical Center At Garland	130
Baylor Medical Center at McKinney	76
Baylor Regional Medical Center At Grapevine	85
Baylor University Medical Center	151
Centennial Medical Center	11
Childrens Medical Center Of Dallas	1315
Columbia Medical Center of McKinney	22
Cook Children's Medical Center	1598
Dallas Regional Medical Center-Galloway	13
Denton Regional Medical Center	69
Glen Rose Medical Center	8
Huguley Memorial Medical Center	12
Hunt Regional Medical Center Greenville	70
John Peter Smith Hospital	136
Lake Granbury Medical Center	23
Lake Pointe Medical Center	9
Las Colinas Medical Center	2
Medical Center Of Plano	92
Medical Center of Arlington	29
Medical Center of Lewisville	33
Medical City Dallas Hospital	120
Methodist Dallas Medical Center	11
Navarro Regional Hospital	43
North Central Surgical Center	6
North Hills Hospital	15
North Texas Medical Center	26
Our Children's House At Baylor	25
Palo Pinto General Hospital	43
Parkland Memorial Hospital	118
Red River Regional Hospital	11
Texas Health Arlington Memorial Hospital	47
Texas Health Harris Methodist HEB (1600 Hospital)	43
Texas Health Harris Methodist Hospital Alliance	53
Texas Health Harris Methodist SW-Fort Worth	37
Texas Health Harris Methodist-Azle	18
Texas Health Harris Methodist-Cleburne (Walls)	13
Texas Health Harris Methodist-Fort Worth	181
Texas Health Harris Methodist-Stephenville (Erath)	42
Texas Health Presbyterian Dallas	5

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Entity	Hospitalizations
Texas Health Presbyterian Hospital - Allen	23
Texas Health Presbyterian Hospital - Denton	1
Texas Health Presbyterian Hospital - Kaufman	39
Texas Health Presbyterian Hospital - Plano	32
Texas Health Presbyterian Hospital - WNJ	27
Texoma Medical Center	59
USMD Hospital at Arlington	32
USMD Hospital at Ft Worth	2
Weatherford Regional Medical Center	21
Wise Regional Health System-Main Hospital	31