

## Top 5 Reported Causes of Injury- 2007 Hospital EMS/Trauma Registry Data

### Considerations for the Hospital Admissions Data

1. All data reported are the most recent available.
2. Per the Texas Administrative Code (TAC), Rule §103.11 Definitions, hospitals are required<sup>1</sup> to submit patient records for traumas that meet the following criteria:
  - a. Patient was admitted for greater than 48 hrs OR
  - b. Patient was seen, received stabilization care, and then transferred to a higher-level acute care hospital (ACH) OR
  - c. Patient died after receiving any evaluation or treatment or was dead on arrival AND
  - d. Patient has sustained at least one injury between ICD-9-CM<sup>2</sup> diagnostic codes 800.0 and 959.9, excluding 905-909, 910-924, and 930-939.
3. The aggregate totals associated with each reporting year are in terms of submissions and not necessarily in terms of patients. A patient that sustains a traumatic injury may receive stabilizing care at one medical facility before being transferred to another facility. Each admission generates a record that contributes to the total number of trauma-related records.
4. "Underlying Cause of Injury" (Informally known as "E-Codes") is coded using International Classification of Diseases 9th Revision, Clinical Modification (ICD-9CM). Cause of injury by intent matrix was created based on the recommended framework of E-Code groupings provided by the Centers for Disease Control and Prevention (CDC).
5. For more information regarding Texas Hospital EMS/Trauma Registry Data, visit: <http://www.dshs.state.tx.us/injury/>.

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<sup>1</sup> The registry will accept records where the patient's stay is less than 48 hours and he/she does not transfer to another ACH.

<sup>2</sup> International Classification of Diseases, 9<sup>th</sup> Revision, Clinical Modification.

Injury Epidemiology and EMS/ Trauma Registry Group

Top 5 Reported Causes of Injury by Trauma Service Area, 2007

CAUSE OF INJURY	TSA																								Out of State	Out of USA	Unknown	ALL TSA
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	Other					
FALLS	860	1,453	479	762	7,247	221	2,748	375	1,298	1,033	226	723	526	744	2,056	2,478	4,957	1,383	426	111	912	2,096	126	626	58	494	34,418	
MOTOR VEHICLE TRAFFIC	451	676	294	386	4,910	164	1,410	299	796	938	127	497	399	457	1,394	1,622	3,837	1,357	220	229	1,028	1,274	236	845	70	499	24,415	
INTENTIONAL- ASSAULT	143	197	101	124	2,446	31	310	60	284	173	33	162	134	75	347	939	2,152	503	49	93	508	297	26	230	10	160	9,587	
OTHER TRANSPORTATION*	129	158	75	90	1,259	48	359	53	148	176	26	135	89	117	178	253	465	274	48	54	186	240	70	177	4	127	4,938	
STRUCK BY/ AGAINST	83	144	52	149	818	21	259	32	116	119	31	86	83	48	161	252	603	170	43	11	161	155	20	87	9	51	3,764	
FIRE/ BURN	90	89	36	63	345	16	104	19	83	108	30	36	43	46	91	134	332	193	30	11	68	107	2	46	5	16	2,143	
CUT/ PIERCE	40	87	28	31	437	12	141	21	46	57	19	54	59	33	104	147	401	105	19	4	88	72	7	40	2	36	2,090	
MACHINERY	84	86	26	33	277	9	112	14	13	66	13	15	32	23	55	76	210	33	16	7	45	50	13	29	2	34	1,373	
NATURAL/ ENVIRONMENTAL	38	44	61	55	246	11	116	9	39	32	20	36	50	30	109	100	103	39	30	4	40	48	11	44	2	27	1,344	
INTENTIONAL- SELF HARM	20	46	18	17	323	13	47	10	40	29	11	27	24	21	63	82	253	91	14	9	56	49	7	26	3	18	1,317	
OTHER PEDAL CYCLIST	10	18	16	11	198	1	30	8	28	17	3	27	17	9	98	64	151	51	3	10	33	31	3	23	1	18	879	
FIREARM	18	17	7	16	98	3	63	13	4	16	4	31	5	13	29	26	104	38	9	7	20	24	8	20	1	20	614	
OVEREXERTION	30	12	1	9	58	1	88	4	26	21	18	2	5	13	16	57	57	29	15	0	13	16	7	7	0	8	513	
OTHER PEDESTRIAN	4	6	7	10	153	1	19	4	9	1	0	13	4	4	7	14	64	18	2	30	30	21	1	8	3	12	445	
POISONING	2	0	5	17	4	0	1	0	1	3	1	0	0	2	11	8	9	5	0	1	4	2	0	2	0	2	80	
DROWNING	0	1	0	3	13	0	2	0	4	1	0	6	3	1	2	2	5	3	0	3	0	5	0	0	1	3	58	
SUFFOCATION	0	3	0	8	7	0	5	1	1	2	1	3	3	0	2	2	10	3	0	0	0	3	0	0	0	0	54	
MEDICAL CARE - ADVERSE	0	0	3	0	5	0	5	4	0	2	0	1	0	3	17	3	1	1	0	0	4	2	0	1	0	0	52	
OTHER SPECIFIED	57	133	26	67	347	14	115	21	49	80	28	78	49	38	68	119	283	104	16	7	83	83	141	65	5	32	2,108	
DRUGS - ADVERSE	1	1	0	0	7	1	6	0	1	2	0	1	0	5	10	3	3	3	0	0	0	0	0	1	0	2	47	
NOT SPECIFIED	24	51	5	27	88	4	67	7	37	28	1	21	13	30	31	53	161	22	4	20	25	40	1	18	0	17	795	
NOT ELSEWHERE CLASSIFIABLE	5	20	13	9	68	2	41	4	16	6	2	14	12	17	18	31	191	25	6	0	24	23	4	7	1	110	669	
<b>ALL CAUSES</b>	<b>2,089</b>	<b>3,242</b>	<b>1,253</b>	<b>1,887</b>	<b>19,354</b>	<b>573</b>	<b>6,048</b>	<b>958</b>	<b>3,039</b>	<b>2,910</b>	<b>594</b>	<b>1,968</b>	<b>1,550</b>	<b>1,729</b>	<b>4,867</b>	<b>6,465</b>	<b>14,352</b>	<b>4,450</b>	<b>950</b>	<b>611</b>	<b>3,328</b>	<b>4,638</b>	<b>683</b>	<b>2,302</b>	<b>177</b>	<b>1,686</b>	<b>91,703</b>	

\* Other transportation: 75.4% non-traffic motor vehicle (includes accidents involving motor vehicles being used in recreational or sporting activities off the highway, and collision and non-collision motor vehicle accidents occurring off the highway.), 19.3% other road non-motorized vehicles (includes pedal cyclist, animal drawn vehicle, animal, streetcar), 3.3% water transport, 0.9% railway.