

Governor's EMS and Trauma Advisory Council

GETAC

Presentation to the Trauma Systems Committee
May 15, 2014

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State EMS Summary Report, 2013

2013 EMS Summary Report Texas EMS/Trauma Registry

State of Texas

The EMS summary report provides a brief overview of selected data elements from patient records submitted to the Texas EMS/Trauma Registry. The data represents runs made by EMS providers that were dispatched to, responded to, provided care to, or transported a person. The data includes trauma and medical, emergency and non-emergency, transport and non-transport runs. EMS providers are to report all runs to the Texas EMS/Trauma Registry in accordance to Texas Administrative Code, Title 25, Part 1, Chapter 103, Rule § 103.4.

If you have questions regarding this summary report or would like further information, please contact the Injury Program by phone (1-800-242-3562) or by email (injury.web@dshs.state.tx.us).

Note: The following summary report is provisional. The report represents data that was submitted to the EMS/Trauma Registry as of March 2, 2014. A final summary report will be published in quarter four of 2014.



2013 EMS Summary Report

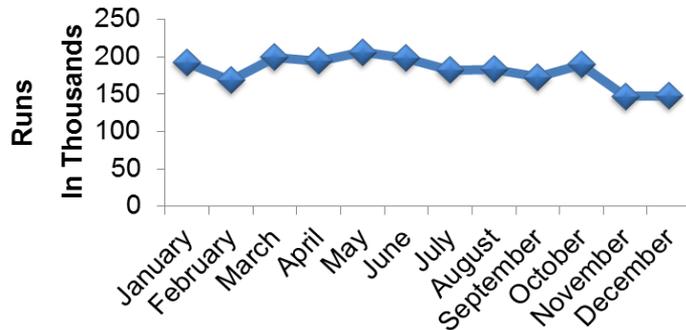
Texas EMS/Trauma Registry

State of Texas
All EMS Agencies

PATIENT RECORDS - DEMOGRAPHICS

Age	Sex		Total
	Male	Female	
< 1 Year	10,778	9,348	20,126
1-4	21,562	17,331	38,893
5-9	14,687	10,975	25,662
10-14	16,532	14,775	31,307
15-19	32,017	37,707	69,724
20-24	44,065	50,493	94,558
25-34	82,296	90,431	172,727
35-44	77,440	83,648	161,088
45-54	112,240	110,386	222,626
55-64	124,832	129,292	254,124
65-74	113,941	130,418	244,359
75+	155,715	256,795	412,510
Total	806,105	941,599	1,747,704

Calls Per Month

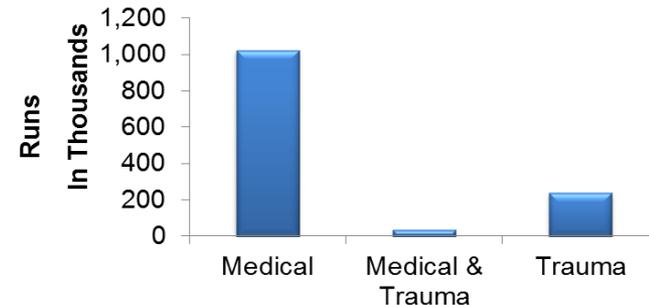


TYPE OF SERVICE REQUESTED	RECORDS	PERCENT
911 Response	1,479,751	67.8
Intercept	158	<1
Inter-facility Transport	29,916	1.4
Medical Transport	449,989	20.6
Mutual Aid	1,517	<1
Public Assistance	100	<1
Standby	6,265	<1
Unknown	214,113	9.8
Total	2,181,809	100

EMS AGENCY & RECORD CHARACTERISTICS

Agencies By Response Type	N	(%)
Both Emergency 911 & Transfer	259	(25.7)
Emergency 911	309	(30.6)
Transfer	415	(41.1)
Unknown Response Type	26	(2.6)
Total	1,009	(100)
Agencies Reported To Trauma Registry	N	(%)
Both Emergency 911 & Transfer	156	(37.8)
Emergency 911	206	(49.9)
Transfer	40	(9.7)
Unknown Response Type	11	(2.6)
Total	413	(100)
Records Reported to Trauma Registry	N	(%)
Both Emergency 911 & Transfer	1,091,662	(50.0)
Emergency 911	967,944	(44.4)
Transfer	116,206	(5.3)
Unknown Response Type	5,997	(0.3)
Total	2,181,809	(100)
Agencies Reported By Level of Care	N	(%)
Basic Live Support	18	(4.4)
Advance Life Support	20	(4.8)
Mobile Intensive Care Unit	373	(90.3)
Unknown Level of Care	2	(0.5)
Total	413	(100)

Call Types

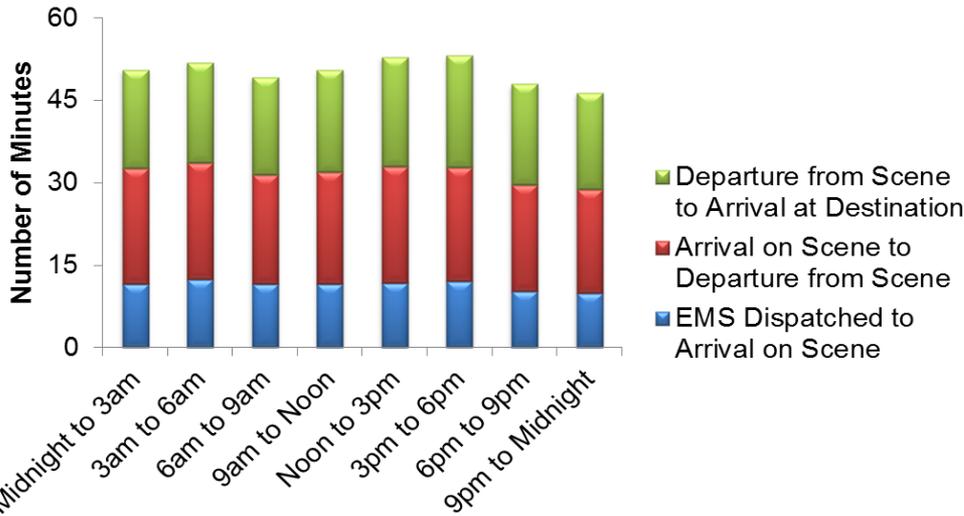


2013 EMS Summary Report

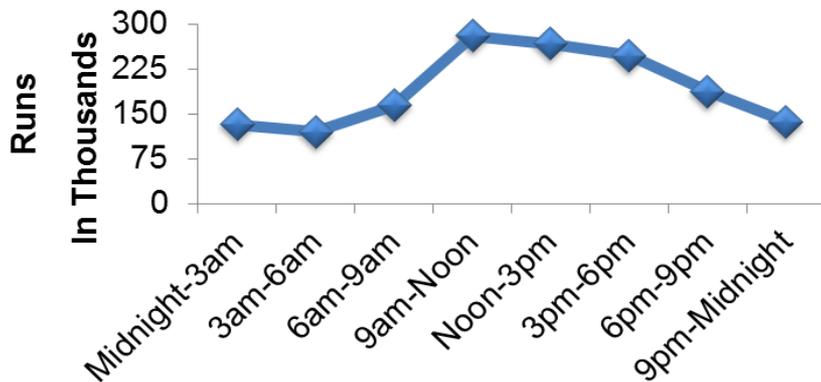
Texas EMS/Trauma Registry

State of Texas
All EMS Agencies

**Average Patient Total Prehospital Time
(From EMS Dispatched to Patient Drop-off)**



Time of Day



TRANSPORT METHOD RECORDS PERCENT

Transport Method	Records	Percent
Air	9,271	<1
Ground	2,047,066	93.8
Other	6	<1
Not Applicable	1,792	<1
Unknown	123,674	5.7
Total	2,181,809	100

TRAUMA & TRAUMA/MEDICAL RUNS ONLY

DESTINATION TYPE (PATIENTS TRANSPORTED)	RECORDS	PERCENT
Hospital ED	120,288	43.3
Hospital In-Patient Bed	41,516	14.9
Other	15,742	5.7
Home	816	<1
Other EMS Responder Ground	650	<1
Other EMS Responder Air	208	<1
Not Applicable	92,267	33.2
Unknown	6,484	2.3
Total	277,971	100

INJURY CATEGORY (TOP FIVE LEADING CATEGORIES)	RECORDS	PERCENT
Falls	59,334	21.3
Transportation-related	56,420	20.3
<i>Motor vehicle-related</i>	54,936	97.4
<i>Air and space</i>	18	<1
<i>Railway</i>	112	<1
<i>Water transport</i>	142	<1
<i>Other vehicle</i>	1,212	2.1
Homicide/injury inflicted by other person	14,845	5.3
Other accidents	12,849	4.6
Injury undetermined – unintentional or intentional	7,877	2.8
All other categories	126,646	45.6
Total	277,971	100

State EMS Summary – Trauma Report, 2013

EMS Summary Report - Trauma 2013

State of Texas



STATE OF TEXAS

EMS Summary Report – Trauma 2013

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Top 5 Mechanisms of Injury

Mechanism	Records	Percent
Motor vehicle traffic	67,064	37.6
Fall	66,065	37.0
Unspecified	16,432	9.2
Other - specified	9,479	5.3
Struck by – against	5,312	3.0
All other causes	14,126	7.9
Total	178,478	100.0

Figure 7

Top 5 Mechanisms of Injury

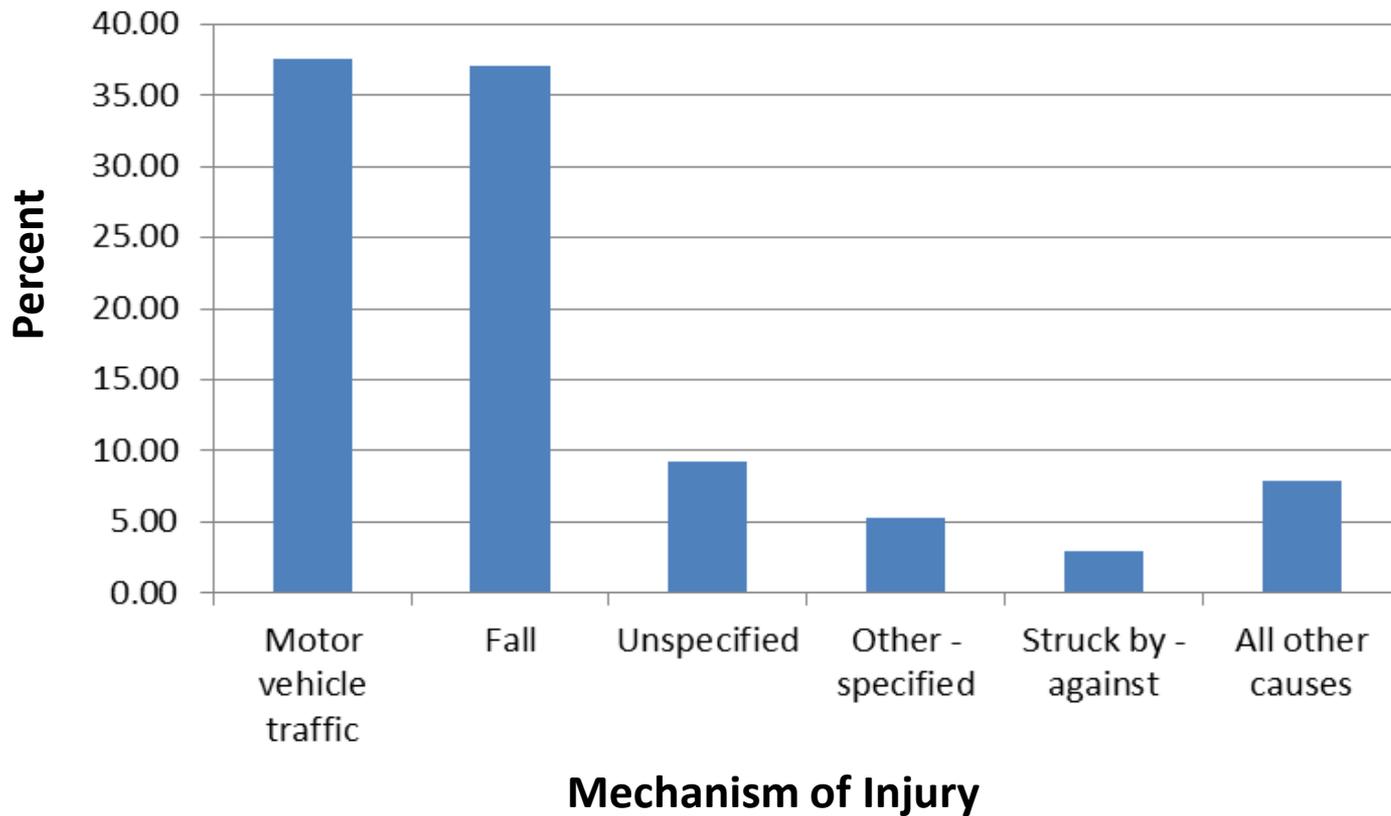


Figure 12

Median Total Prehospital Time (in Minutes) by Top 5 Mechanisms of Injury

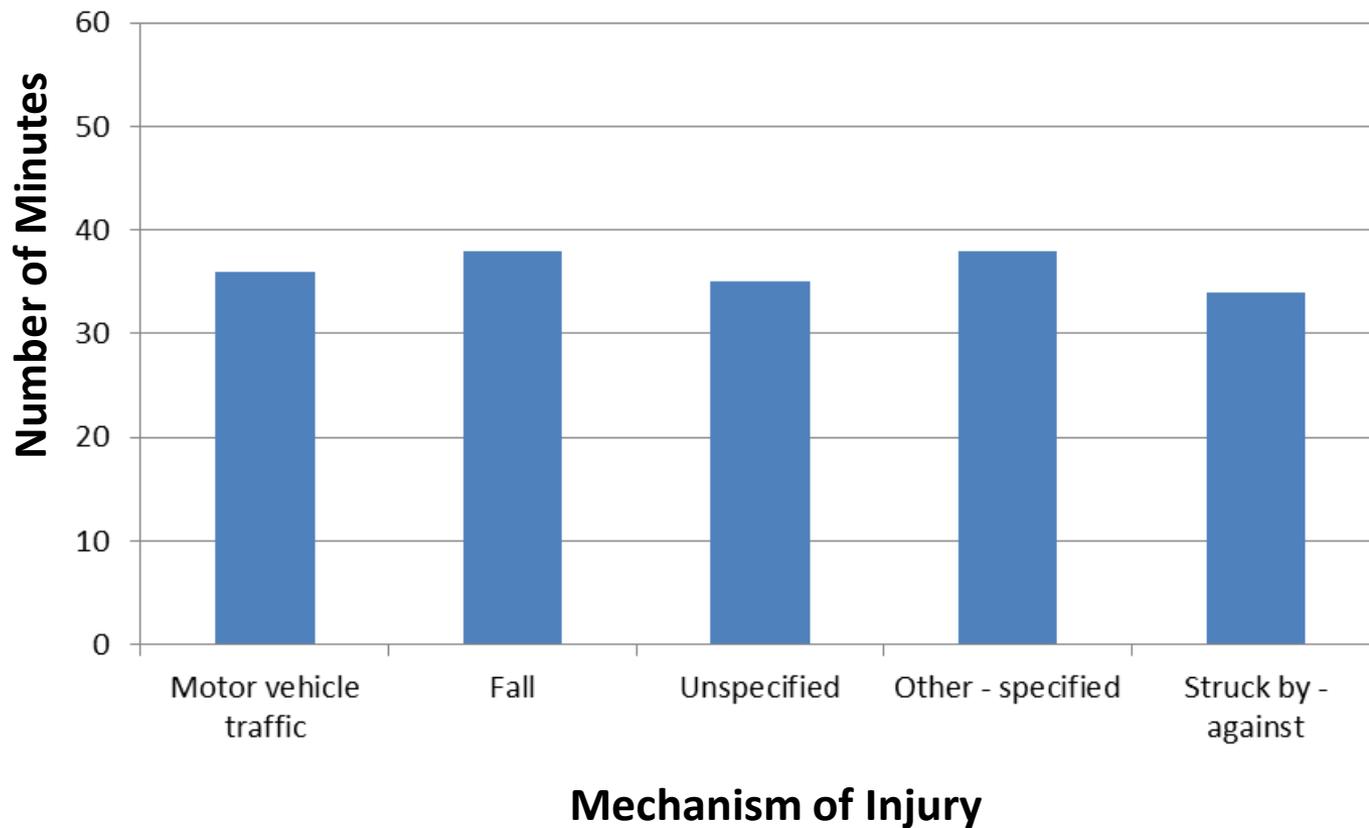
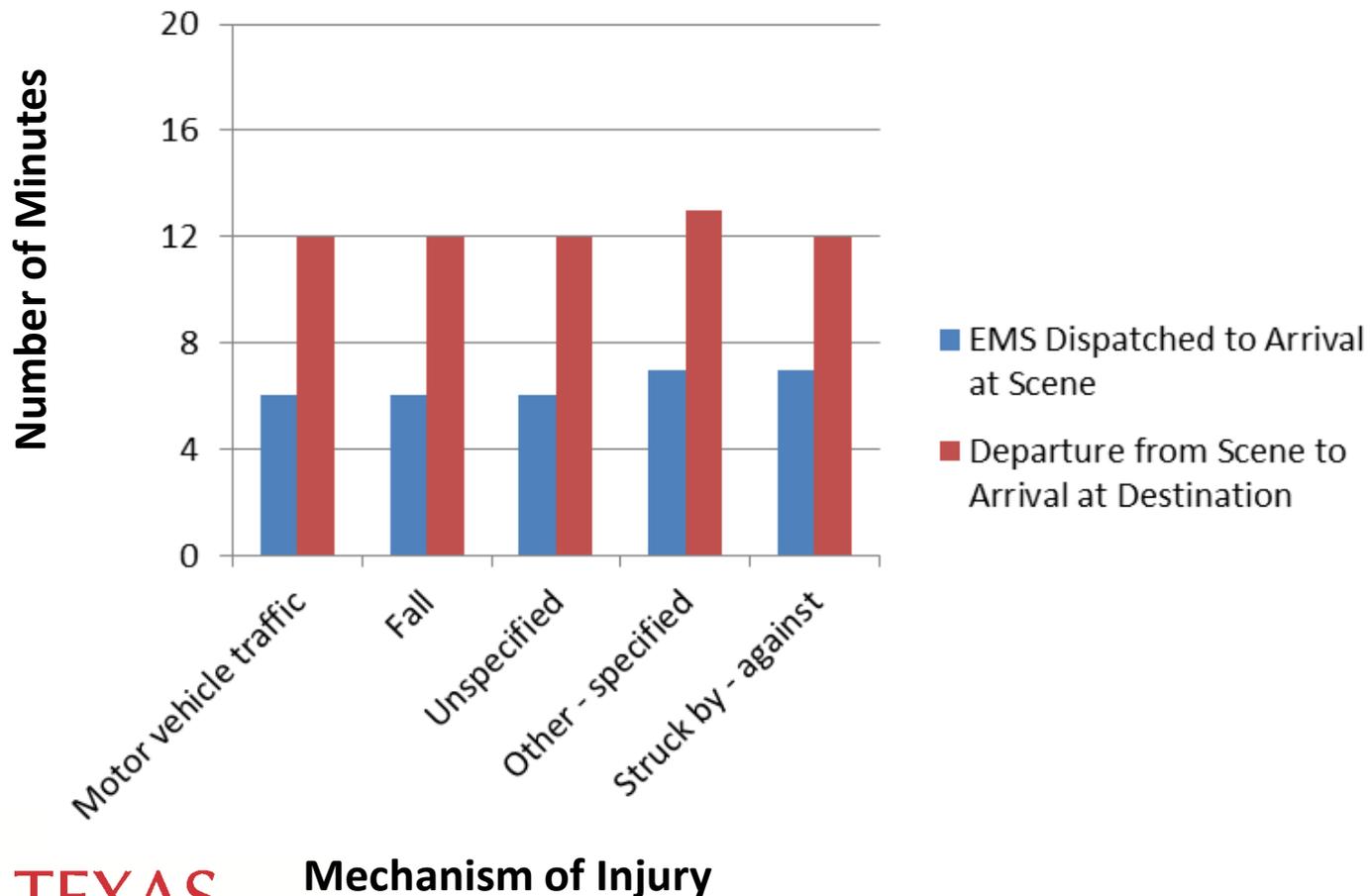


Figure 13

Median Prehospital EMS Travel Times (in Minutes) by Top 5 Mechanisms of Injury



10 Leading Causes of Injury, EMS Records 2013

Rank	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+	All Ages
1	MV Traffic 565	Fall 1,894	MV Traffic 1,737	MV Traffic 1,897	MV Traffic 6,496	MV Traffic 9,179	MV Traffic 13,005	MV Traffic 9,417	MV Traffic 8,656	Fall 8,213	Fall 9,543	Fall 26,726	Fall 65,680
2	Fall 504	MV Traffic 1,189	Fall 1,288	Fall 1,364	Fall 1,534	Unspecified 2,514	Unspecified 3,935	Fall 3,544	Fall 6,076	MV Traffic 6,273	MV Traffic 3,099	MV Traffic 1,899	MV Traffic 63,412
3	Unspecified 49	Unspecified 217	Unspecified 332	Unspecified 705	Unspecified 1,526	Fall 1,684	Fall 3,310	Unspecified 2,424	Unspecified 2,147	Unspecified 1,158	Other specified 517	Other specified 1,160	Unspecified 16,307
4	Other specified 47	Other specified 201	Natural - environmen- tal 213	Struck by - against 355	Other specified 852	Other specified 1,196	Other specified 1,803	Other specified 1,322	Other specified 1,108	Other specified 725	Unspecified 500	Unspecified 800	Other specified 9,388
5	Struck by - against 31	Struck by - against 162	Struck by - against 169	Natural - environmen- tal 297	Struck by - against 638	Struck by - against 781	Struck by - against 1,147	Struck by - against 754	Struck by - against 626	Struck by - against 344	Struck by - against 121	Not elsewhere classifiable 167	Struck by - against 5,245
6	Fire - burn 18	Natural - environmen- tal 146	Other specified 163	Other specified 294	Cut - pierce 328	Cut - pierce 542	Cut - pierce 858	Cut - pierce 525	Cut - pierce 426	Natural - environmen- tal 239	Natural - environmen- tal 111	Struck by - against 117	Cut - pierce 3,334
7	Natural - environmen- tal 13	Fire - burn 94	Cut - pierce 80	Transport - other 128	Natural - environmen- tal 299	Transport - other 301	Transport - other 473	Natural - environmen- tal 313	Natural - environmen- tal 308	Cut - pierce 206	Cut - pierce 105	Transport - other 88	Natural - environmen- tal 2,599
8	Not elsewhere classifiable 12	Cut - pierce 80	Fire - burn 59	Cut - pierce 95	Transport - other 225	Natural - environmen- tal 238	Firearm 344	Transport - other 295	Transport - other 267	Transport - other 188	Transport - other 97	Cut - pierce 86	Transport - other 2,163
9	Transport - other 9	Drowning - submersions 71	Transport - other 54	Not elsewhere classifiable 85	Firearm 155	Firearm 235	Natural - environmen- tal 344	Firearm 216	Fire - burn 175	Not elsewhere classifiable 108	Fire - burn 72	Natural - environmen- tal 78	Fire - burn 1,370
10	Drowning - submersions 8	Not elsewhere classifiable 45	Not elsewhere classifiable 35	Pedestrian - other 50	Not elsewhere classifiable 129	Not elsewhere classifiable 152	Fire - burn 285	Fire - burn 210	Firearm 156	Fire - burn 104	Not elsewhere classifiable 70	Fire - burn 60	Firearm 1,347