



Traffic Safety Facts Texas 2003-2007



This Report Contains Data From the Following Sources:
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)
FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Texas State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
Population Data - U.S. Bureau of the Census



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Fatality Rates: Texas , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Texas	3,821	223,418	1.71	22,085,973	17.30
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Texas	3,699	231,008	1.60	22,454,811	16.47
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Texas	3,536	235,170	1.50	22,843,999	15.48
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Texas	3,531	238,256	1.48	23,407,629	15.08
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Texas	3,363			23,904,380	14.07
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

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Alcohol-Related Fatalities: Texas , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Texas	3,821	1,771	46	1,551	41	0.69
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Texas	3,699	1,704	46	1,481	40	0.64
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Texas	3,536	1,672	47	1,462	41	0.62
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Texas	3,531	1,745	49	1,540	44	0.65
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Texas	3,363	1,620	48	1,424	42	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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Alcohol-Impaired Driving Fatalities: Texas , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Texas	3,821	1,405	37	0.63
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Texas	3,699	1,336	36	0.58
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Texas	3,536	1,320	37	0.56
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Texas	3,531	1,400	40	0.59
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Texas	3,363	1,292	38	
	US	41,059	12,998	32	0.43
	Best State*			17	

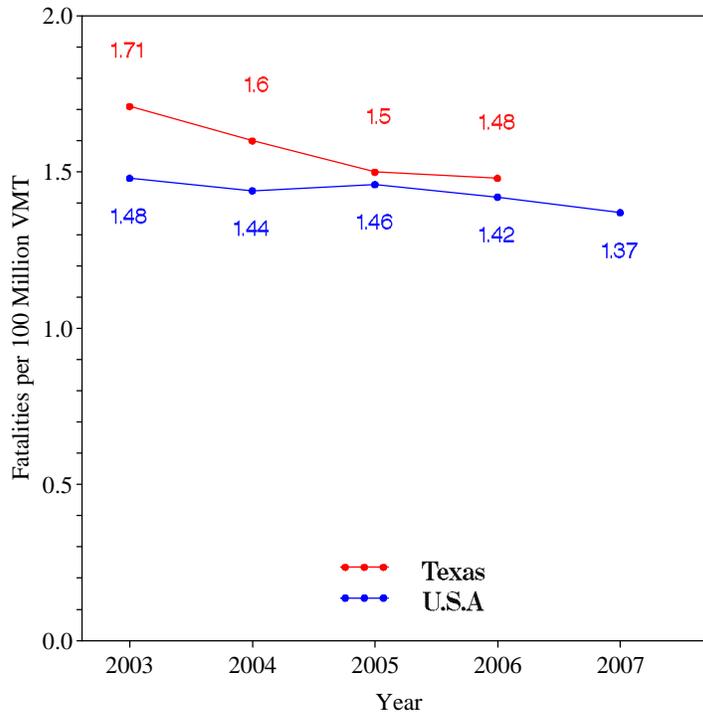
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

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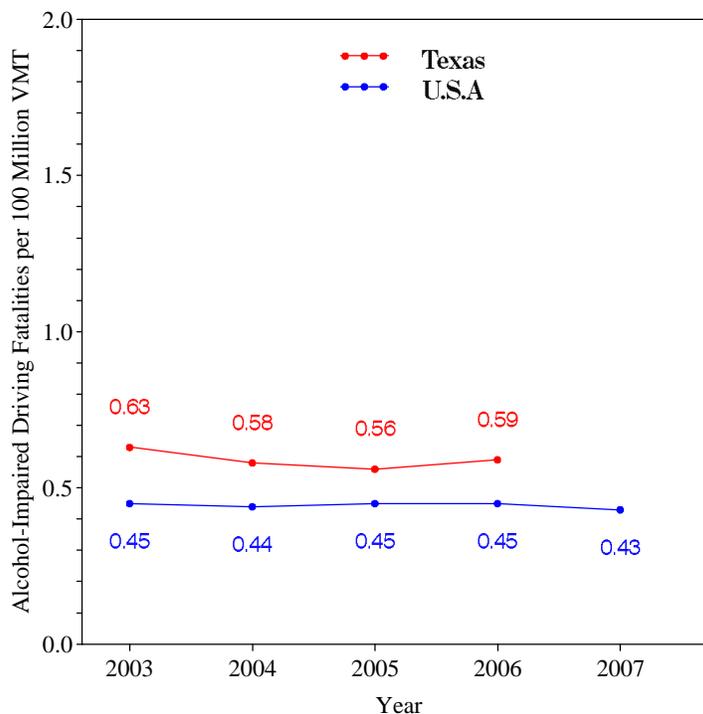


Fatalities per 100 Million VMT: Texas and U.S



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Alcohol-Impaired Driving Fatalities per 100 Million VMT: Texas and U.S



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Texas , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Texas	1,154	377	33	1,737	922	53	2,891	1,299	45
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Texas	1,118	386	35	1,617	892	55	2,735	1,278	47
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Texas	1,056	331	31	1,589	788	50	2,645	1,119	42
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Texas	993	283	28	1,673	604	36	2,666	887	33
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Texas	925	171	18	1,622	642	40	2,547	813	32
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Passenger Vehicle Occupant Fatalities by Restraint Use: Texas , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Texas	2,893	1,476	51	84
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Texas	2,790	1,533	55	83
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Texas	2,545	1,317	52	90
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Texas	2,601	1,372	53	90
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Texas	2,398	1,333	56	92
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

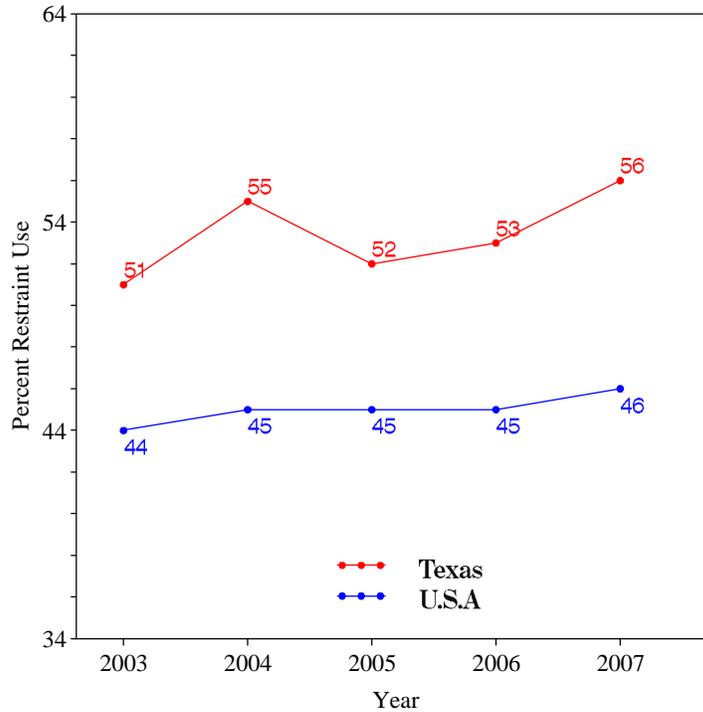
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. Texas Data: State Survey

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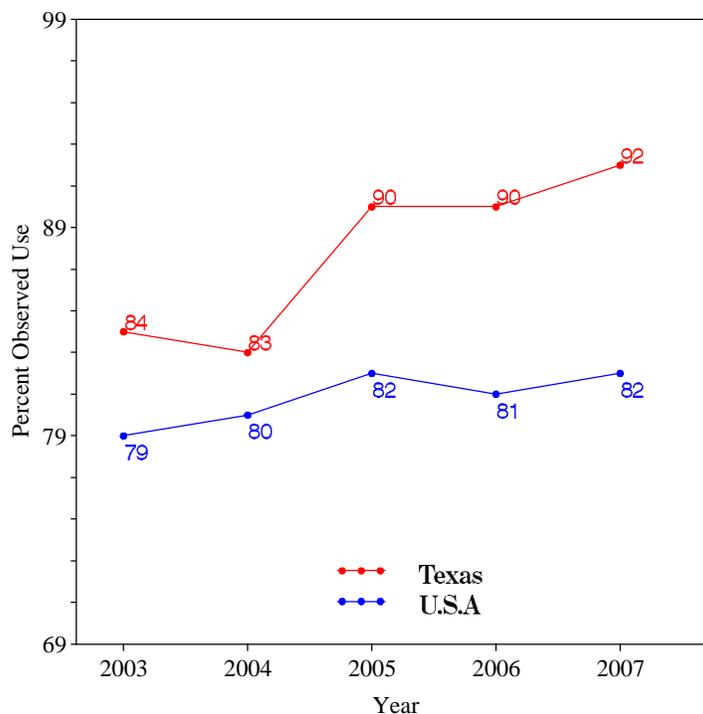


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Texas and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: Texas and U.S



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Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	2,832	1,446	1,386	1,704	514
2004	2,716	1,492	1,224	1,777	540
2005	2,475	1,280	1,195	1,563	316
2006	2,550	1,339	1,211	1,611	376
2007	2,329	1,299	1,030	1,622	281

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	56	29	27	7	18
2004	73	41	32	54	20
2005	62	33	29	45	22
2006	44	29	15	41	10
2007	54	30	24	43	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	342	115	227	68	85
2004	290	117	173	69	65
2005	364	148	216	88	81
2006	353	130	223	74	82
2007	397	159	238	94	89

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

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Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	1,521	14	1,473	14	1,270	12	1,256	12	1,158	12
	Light Truck - Pickup	720	6	692	6	704	7	752	7	698	7
	Light Truck - Utility	514	5	470	4	394	4	460	4	400	4
	Light Truck - Van	132	1	151	1	171	2	129	1	140	1
	Light Truck - Other	6	0	4	0	6	0	4	0	2	0
	Large Truck	89	1	74	1	76	1	90	1	78	1
	Bus	6	0	2	0	24	0	2	0	0	0
	Other/Unknown Occupants	26	0	25	0	31	0	25	0	38	0
	Total Occupants	3,014	27	2,891	27	2,676	26	2,718	27	2,514	26
Motorcyclists	Motorcycle	342	3	290	3	364	4	353	3	397	4
Non-Occupants	Pedestrian	401	4	447	4	427	4	385	4	387	4
	Bicyclist and Other Cyclist	52	0	51	0	47	0	52	1	48	0
	Other/Unknown Non-Occupants	12	0	20	0	22	0	23	0	17	0
	Total Non-Occupants	465	4	518	5	496	5	460	4	452	5
Total	Total	3,821	34	3,699	34	3,536	35	3,531	34	3,363	35

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	3,821	3,699	3,536	3,531	3,363
- Single Vehicle (1)	1,964	1,906	1,907	1,931	1,786
- Involving a Large Truck (2)	487	483	506	500	493
- Involving Speeding (3)	1,560	1,466	1,439	1,496	1,343
- Involving a Rollover (4)	1,195	1,062	1,067	1,158	983
- Involving a Roadway Departure (5)	2,070	1,953	1,886	1,932	1,839
- Involving an Intersection (or Intersection related) (6)	765	779	694	619	645

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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Motorcyclist Fatalities by Age

Year	Age							Total
	<20	20-29	30-39	40-49	50-59	>59	Unknown	
2003	29	92	82	78	36	17	0	334
2004	11	75	68	70	41	17	0	282
2005	28	104	80	65	50	29	0	356
2006	26	107	65	79	59	18	0	354
2007	18	108	81	97	66	29	2	401

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	334	261,553	127.7
2004	282	286,992	98.26
2005	356	331,213	107.5
2006	354	355,825	99.49
2007	401		

*Data Source: FHWA

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Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Harris County	339	8.61
2	Dallas County	218	9.21
3	Tarrant County	156	9.08
4	Bexar County	133	8.34
5	Travis County	94	9.65
6	Hidalgo County	71	9.99
7	Montgomery County	69	16.72
8	El Paso County	50	6.81
9	Denton County	49	8.00
10	Jefferson County	45	18.60

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Kenedy County	4	1015
2	Borden County	2	341.9
3	Oldham County	7	337.3
4	Culberson County	7	281.8
5	Terrell County	2	214.1
6	Edwards County	4	206.4
7	Irion County	3	172.1
8	Brooks County	13	171.3
9	Robertson County	27	170.7
10	Jim Hogg County	8	160.9

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Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Harris County	151	3.84
2	Dallas County	95	4.00
3	Bexar County	64	4.00
4	Tarrant County	62	3.58
5	Travis County	36	3.66
6	Hidalgo County	30	4.28
7	Montgomery County	27	6.47
8	El Paso County	20	2.67
9	Cameron County	19	5.01
10	Denton County	18	2.99

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Kenedy County	1	253.8
2	Edwards County	3	170.3
3	Throckmorton County	2	120.2
4	Jim Hogg County	5	92.50
5	Roberts County	1	84.24
6	Schleicher County	2	78.26
7	Oldham County	2	77.11
8	Concho County	2	55.57
9	Hemphill County	2	47.62
10	Shackelford County	2	47.45

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