



Traffic Safety Facts Florida 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 Florida 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: Florida , 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	Florida	3,169	185,511	1.71	16,959,251	18.69
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Florida	3,244	196,444	1.65	17,342,623	18.71
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Florida	3,518	201,531	1.75	17,736,027	19.84
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Florida	3,357	203,741	1.65	18,057,508	18.59
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Florida	3,214			18,251,243	17.61
	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: Florida , 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	Florida	3,169	1,287	41	1,101	35	0.59
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Florida	3,244	1,244	38	1,065	33	0.54
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Florida	3,518	1,553	44	1,336	38	0.66
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Florida	3,357	1,369	41	1,183	35	0.58
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Florida	3,214	1,337	42	1,130	35	
	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: Florida , 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	Florida	3,169	907	29	0.49
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Florida	3,244	886	27	0.45
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Florida	3,518	1,106	31	0.55
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Florida	3,357	926	28	0.45
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Florida	3,214	890	28	
	US	41,059	12,998	32	0.43
	Best State*			17	

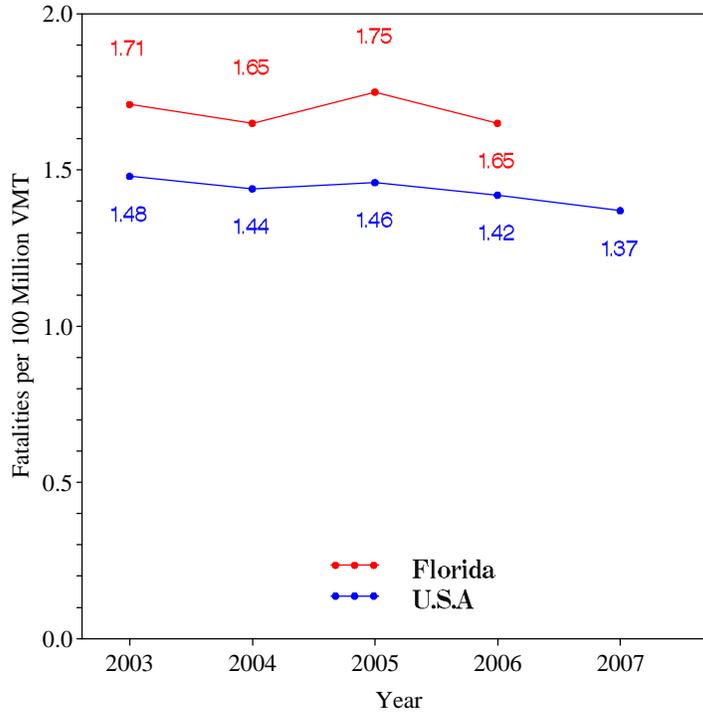
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

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

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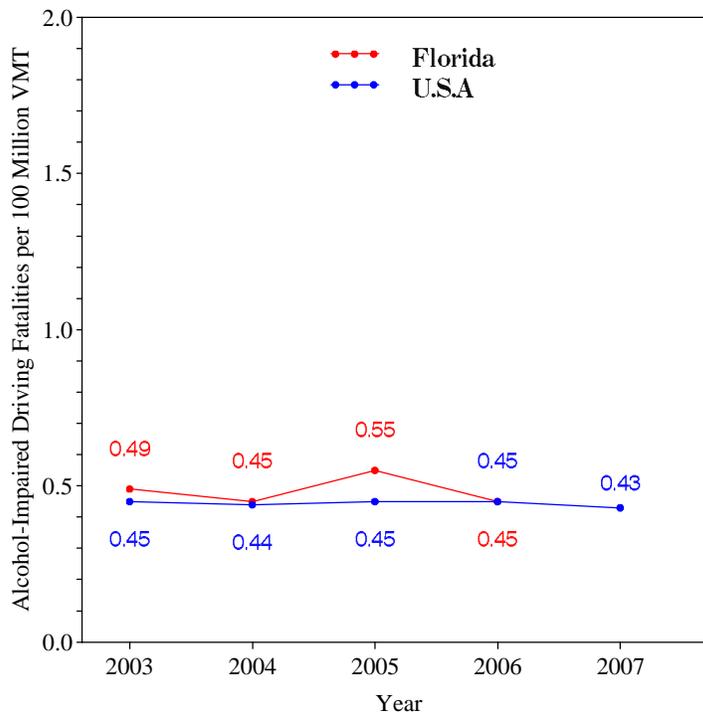


Fatalities per 100 Million VMT: Florida and U.S



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



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Florida , 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	Florida	835	303	36	1,421	955	67	2,256	1,258	56
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Florida	836	275	33	1,469	954	65	2,305	1,229	53
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Florida	895	265	30	1,560	1,032	66	2,455	1,297	53
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Florida	832	249	30	1,549	1,071	69	2,381	1,320	55
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Florida	831	206	25	1,443	896	62	2,274	1,102	48
	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: Florida , 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	Florida	2,105	848	40	73
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Florida	2,080	809	39	76
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Florida	2,208	893	40	74
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Florida	2,019	807	40	
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Florida	1,878	762	41	79
	US	28,933	13,306	46	82
	Best State*			64	98

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

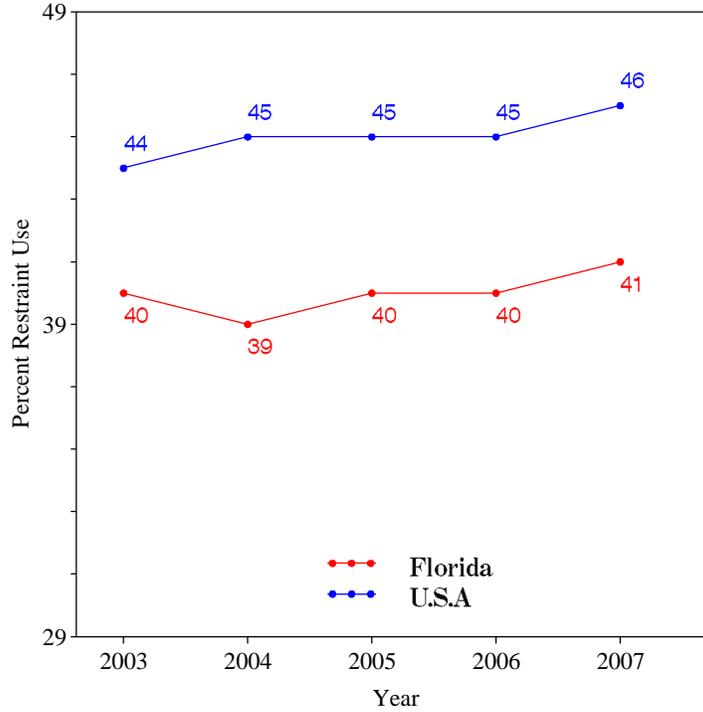
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

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

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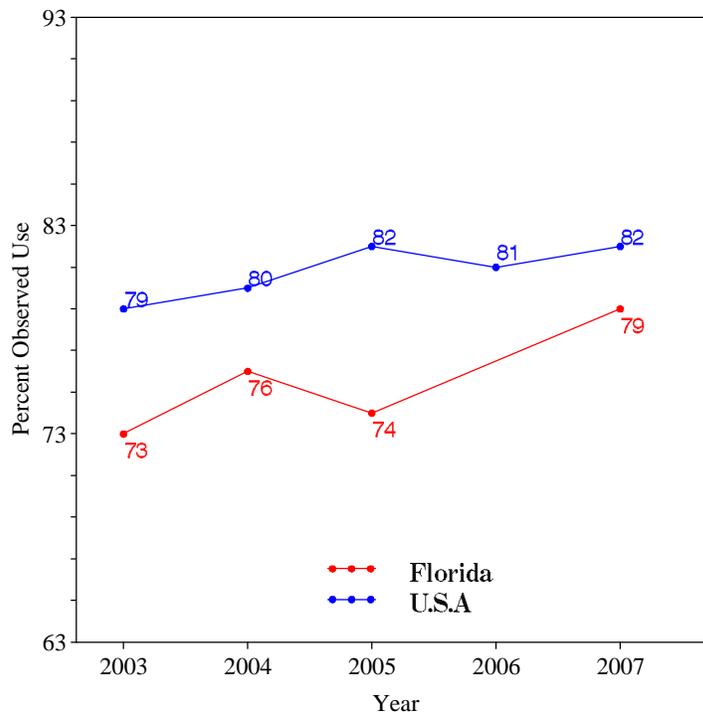


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Florida and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: Florida 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	2,074	826	1,248	905	494
2004	2,047	791	1,256	907	443
2005	2,170	869	1,301	997	509
2006	1,996	797	1,199	923	394
2007	1,847	743	1,104	857	411

*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	26	18	8	5	6
2004	29	17	12	23	9
2005	35	22	13	33	8
2006	20	8	12	9	7
2007	24	15	9	20	

*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	365	142	223	84	83
2004	432	181	251	108	92
2005	468	229	239	135	90
2006	561	298	263	176	99
2007	566	287	279	170	104

*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	1,296	14	1,208	13	1,325	13	1,195	13	1,122	12
	Light Truck - Pickup	315	3	343	4	351	3	346	4	304	3
	Light Truck - Utility	340	4	345	4	396	4	359	4	345	4
	Light Truck - Van	153	2	183	2	130	1	117	1	105	1
	Light Truck - Other	1	0	1	0	6	0	2	0	2	0
	Large Truck	47	1	54	1	53	1	39	0	47	1
	Bus	0	0	6	0	3	0	1	0	2	0
	Other/Unknown Occupants	37	0	45	0	67	1	38	0	53	1
	Total Occupants	2,189	24	2,185	23	2,331	23	2,097	22	1,980	22
Motorcyclists	Motorcycle	365	4	432	5	468	5	561	6	566	6
Non-Occupants	Pedestrian	500	5	493	5	571	6	544	6	531	6
	Bicyclist and Other Cyclist	101	1	122	1	124	1	131	1	119	1
	Other/Unknown Non-Occupants	14	0	12	0	24	0	24	0	18	0
	Total Non-Occupants	615	7	627	7	719	7	699	7	668	7
Total	Total	3,169	35	3,244	35	3,518	35	3,357	35	3,214	35

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	3,169	3,244	3,518	3,357	3,214
- Single Vehicle (1)	1,671	1,682	1,835	1,780	1,730
- Involving a Large Truck (2)	365	377	400	350	302
- Involving Speeding (3)	540	550	608	712	611
- Involving a Rollover (4)	671	745	886	799	772
- Involving a Roadway Departure (5)	1,906	1,908	1,487	1,378	1,323
- Involving an Intersection (or Intersection related) (6)	1,078	1,100	1,050	1,060	1,019

(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	30	92	88	82	48	21	1	362
2004	22	118	100	84	73	38	0	435
2005	31	137	92	95	67	43	0	465
2006	40	173	108	99	88	49	2	559
2007	27	179	110	127	80	46	0	569

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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	362	392,420	92.25
2004	435	461,935	94.17
2005	465	516,126	90.09
2006	559	588,900	94.92
2007	569		

*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	Miami-Dade County	310	12.99
2	Broward County	252	14.32
3	Palm Beach County	206	16.27
4	Hillsborough County	185	15.75
5	Orange County	185	17.35
6	Duval County	166	19.55
7	Pinellas County	113	12.32
8	Lee County	106	17.95
9	Volusia County	106	21.18
10	Polk County	105	18.27

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Madison County	20	105.5
2	Taylor County	13	65.75
3	Dixie County	8	53.54
4	Liberty County	4	50.95
5	Suwannee County	20	50.60
6	Jefferson County	7	48.44
7	Washington County	10	43.69
8	Gulf County	6	42.68
9	Walton County	22	41.60
10	Columbia County	28	41.19

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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	Miami-Dade County	66	2.78
2	Broward County	63	3.56
3	Palm Beach County	58	4.60
4	Hillsborough County	53	4.53
5	Orange County	53	4.92
6	Duval County	48	5.68
7	Brevard County	34	6.36
8	Escambia County	29	9.46
9	Polk County	28	4.91
10	Volusia County	26	5.20

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Gulf County	3	24.18
2	Dixie County	3	22.09
3	Madison County	4	20.05
4	Levy County	6	16.38
5	Columbia County	10	14.86
6	Nassau County	9	13.59
7	Okeechobee County	5	13.40
8	Washington County	3	13.11
9	Baker County	3	12.82
10	Liberty County	1	12.74

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