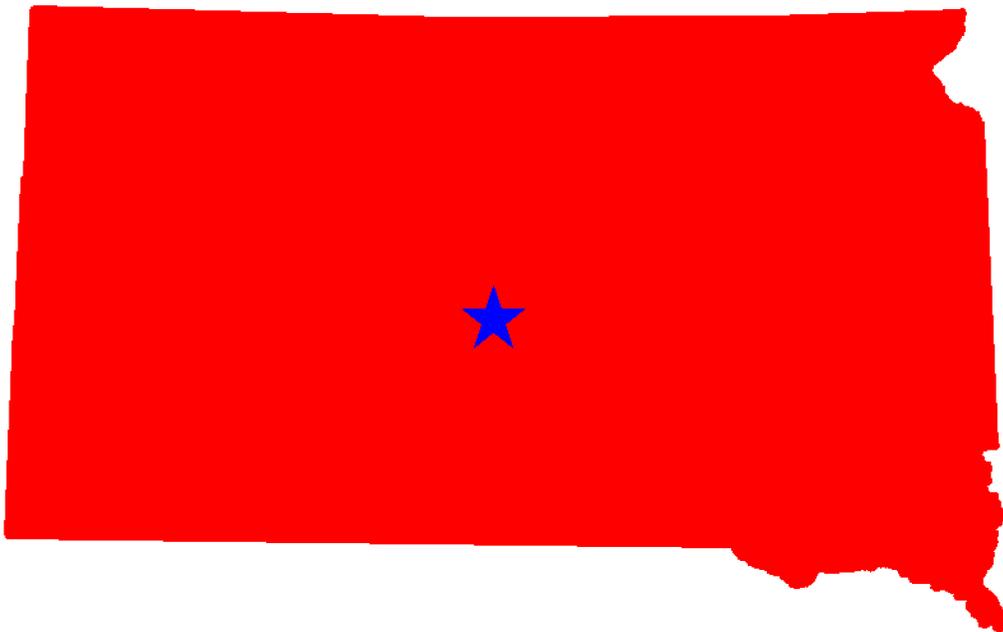




Traffic Safety Facts South Dakota 2003-2007



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 South Dakota 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: South Dakota , 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	South Dakota	203	8,527	2.38	766,882	26.47
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	South Dakota	197	8,784	2.24	774,129	25.45
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	South Dakota	186	8,397	2.22	780,046	23.84
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	South Dakota	191	9,168	2.08	788,467	24.22
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	South Dakota	146			796,214	18.34
	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: South Dakota , 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	South Dakota	203	97	48	89	44	1.05
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	South Dakota	197	83	42	74	38	0.84
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	South Dakota	186	81	44	77	41	0.92
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	South Dakota	191	79	41	68	35	0.74
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	South Dakota	146	58	40	49	34	
	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: South Dakota , 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	South Dakota	203	82	40	0.96
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	South Dakota	197	71	36	0.81
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	South Dakota	186	70	37	0.83
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	South Dakota	191	67	35	0.73
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	South Dakota	146	45	31	
	US	41,059	12,998	32	0.43
	Best State*			17	

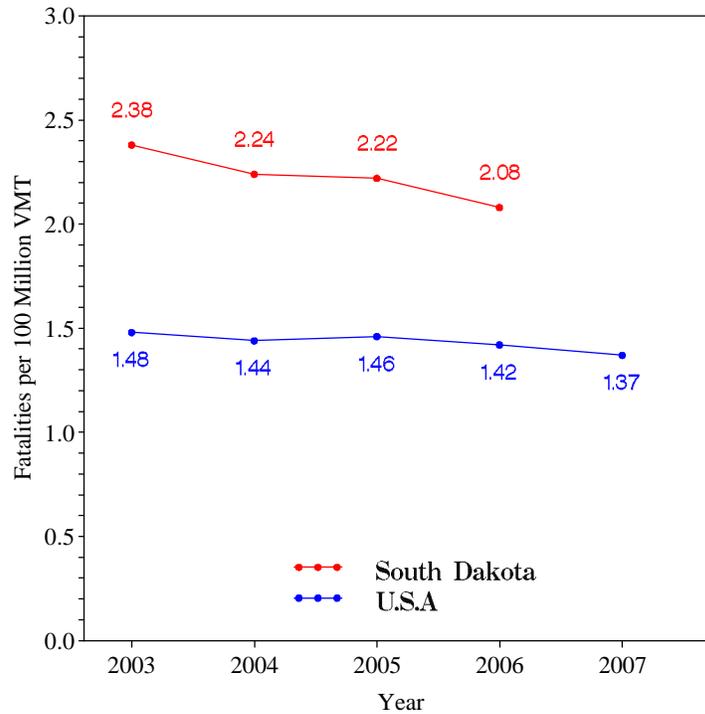
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

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

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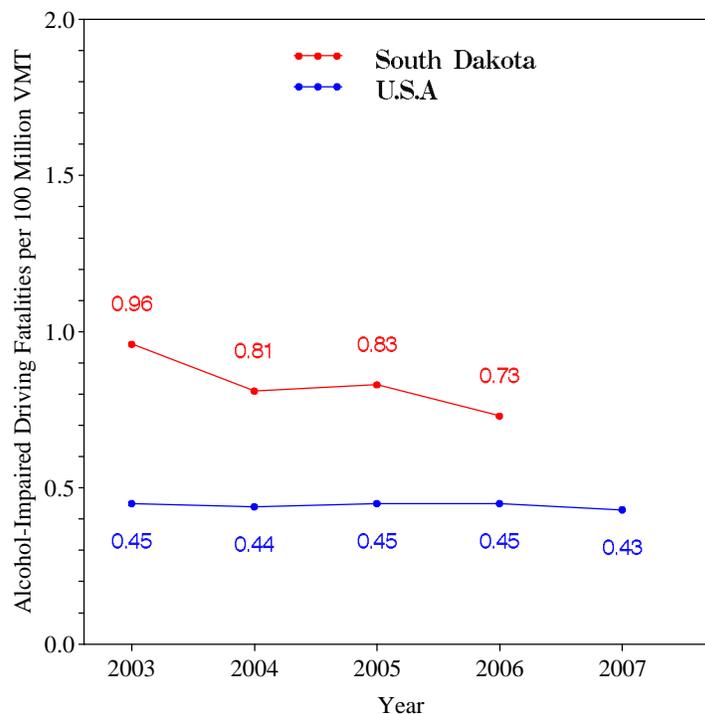


Fatalities per 100 Million VMT: South Dakota and U.S



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



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: South Dakota , 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	South Dakota	54	42	78	104	92	88	158	134	85
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	South Dakota	50	38	76	106	84	79	156	122	78
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	South Dakota	47	34	72	95	73	77	142	107	75
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	South Dakota	60	44	73	106	89	84	166	133	80
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	South Dakota	31	24	77	90	76	84	121	100	83
	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: South Dakota , 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	South Dakota	169	37	22	70
	US	32,271	14,075	44	79
	Best State*			64	95
2004	South Dakota	155	46	30	69
	US	31,866	14,225	45	80
	Best State*			68	95
2005	South Dakota	139	36	26	69
	US	31,549	14,061	45	82
	Best State*			68	95
2006	South Dakota	149	28	19	71
	US	30,686	13,760	45	81
	Best State*			66	96
2007	South Dakota	106	26	25	73
	US	28,933	13,306	46	82
	Best State*			64	98

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

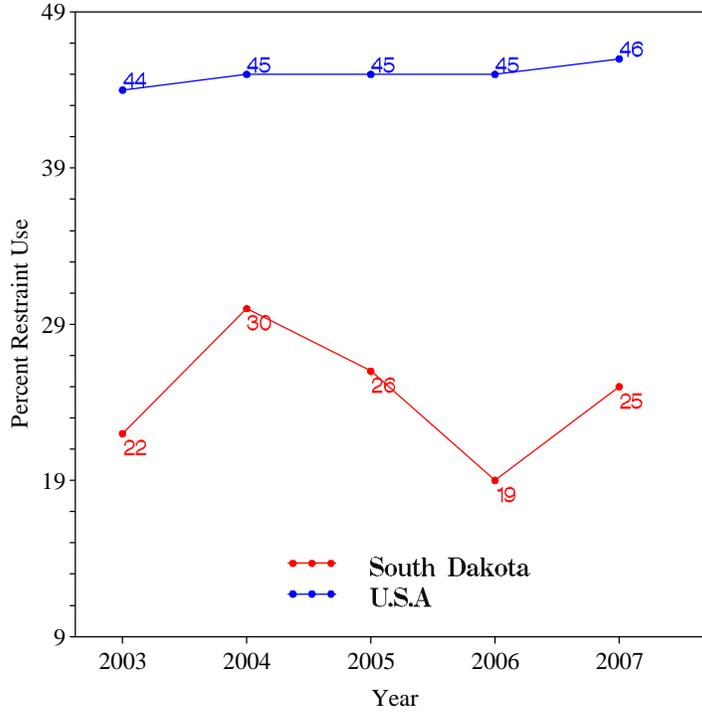
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. South Dakota Data: State Survey

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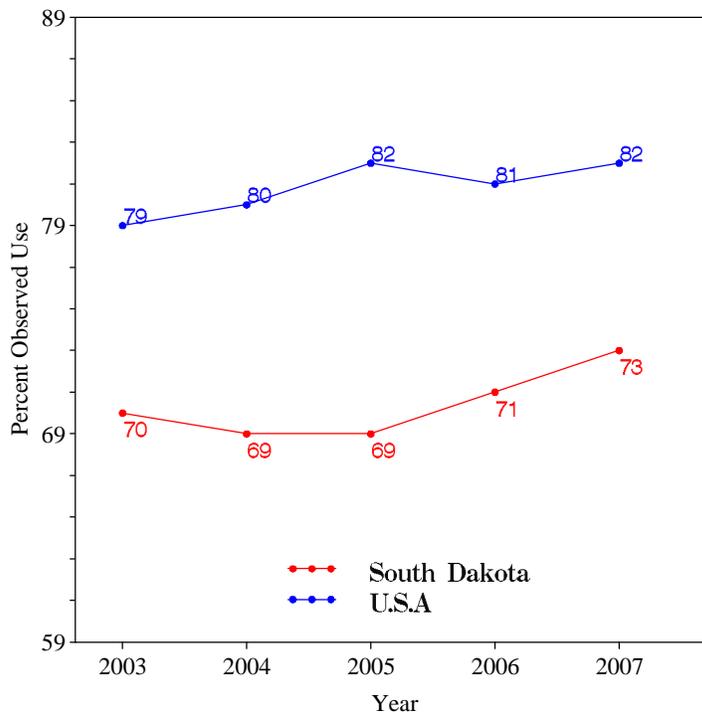


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: South Dakota and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: South Dakota 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	164	35	129	47	38
2004	152	46	106	53	39
2005	137	35	102	35	32
2006	147	27	120	33	34
2007	105	25	80	36	28

*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	5	2	3	1	2
2004	0	0	0	0	2
2005	2	2	0	5	0
2006	2	1	1	1	1
2007	1	1	0	1	

*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	19	2	17	1	6
2004	26	8	18	5	7
2005	22	9	13	6	5
2006	22	5	17	3	6
2007	29	6	23	4	9

*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	84	14	83	15	76	14	80	15	46	11
	Light Truck - Pickup	40	7	39	7	35	7	41	7	31	8
	Light Truck - Utility	33	6	17	3	18	3	20	4	18	4
	Light Truck - Van	12	2	16	3	10	2	8	1	11	3
	Large Truck	2	0	3	1	5	1	6	1	2	0
	Other/Unknown Occupants	2	0	3	1	5	1	6	1	2	0
	Total Occupants	173	29	161	28	149	28	161	29	110	27
Motorcyclists	Motorcycle	19	3	26	5	22	4	22	4	29	7
Non-Occupants	Pedestrian	10	2	9	2	14	3	7	1	7	2
	Bicyclist and Other Cyclist	1	0	1	0	0	0	1	0	0	0
	Other/Unknown Non-Occupants	0	0	0	0	1	0	0	0	0	0
	Total Non-Occupants	11	2	10	2	15	3	8	1	7	2
Total	Total	203	34	197	35	186	35	191	35	146	36

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	203	197	186	191	146
- Single Vehicle (1)	138	118	111	123	97
- Involving a Large Truck (2)	17	18	13	19	14
- Involving Speeding (3)	87	71	62	48	49
- Involving a Rollover (4)	98	86	84	107	61
- Involving a Roadway Departure (5)	141	132	114	141	93
- Involving an Intersection (or Intersection related) (6)	23	39	34	23	17

(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	
2003	0	3	5	7	5	0	20
2004	1	2	2	7	12	2	26
2005	0	3	2	7	7	1	20
2006	0	2	2	6	10	3	23
2007	0	4	6	6	7	6	29

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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	20	37,549	53.26
2004	26	41,602	62.50
2005	20	46,409	43.10
2006	23	53,477	43.01
2007	29		

*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	Pennington County	16	16.62
2	Minnehaha County	12	6.85
3	Meade County	9	37.50
4	Codington County	7	26.56
5	Dewey County	6	99.92
6	Hutchinson County	6	81.74
7	Lawrence County	6	25.70
8	Harding County	5	423.7
9	Todd County	5	49.23
10	Brookings County	4	13.68

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Harding County	5	423.7
2	Jones County	2	189.6
3	Buffalo County	4	189.5
4	Jackson County	4	143.3
5	Dewey County	6	99.92
6	Mellette County	2	99.06
7	Hanson County	3	82.85
8	Hutchinson County	6	81.74
9	Stanley County	2	71.76
10	Corson County	3	71.34

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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	Pennington County	4	4.26
2	Buffalo County	4	189.5
3	Minnehaha County	4	2.28
4	Todd County	4	39.38
5	Dewey County	3	48.29
6	Codington County	2	7.59
7	Hutchinson County	2	27.25
8	Meade County	2	8.33
9	Jackson County	2	60.89
10	Shannon County	1	8.83

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Buffalo County	4	189.5
2	Harding County	1	84.75
3	Hyde County	1	68.26
4	Jackson County	2	60.89
5	Haakon County	1	54.20
6	Mellette County	1	49.53
7	Dewey County	3	48.29
8	Faulk County	1	43.94
9	Todd County	4	39.38
10	Ziebach County	1	37.84

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