

Performance Measures
 NHTSA Highway Safety Funding
 Economic Impact of Motor Vehicle Crashes

North Dakota Select a County
 Data Source: FARS 2015 - 2018 Final and FARS 2019 ARF

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FYI: The link above (<https://cdan.nhtsa.gov/SASStoredProcess/guest>) is a general link and cannot be bookmarked.

Traffic Safety Performance (Core Outcome) Measures* For North Dakota

Core Outcome Measures		Year									
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Traffic Fatalities	Total (C-1)	105	148	170	148	135	131	113	116	105	100
	Rural	93	132	146	138	116	122	106	103	91	81
	Urban	12	16	24	10	19	9	7	10	14	16
	Unknown	0	0	0	0	0	0	0	3	0	3
Fatalities Per 100 Million Vehicle Miles Driven	Total (C-3)	1.27	1.62	1.69	1.47	1.28	1.31	1.16	1.19	1.07	1.02
	Rural	1.56	1.95	1.91	1.84	1.47	1.67	1.55	1.52	1.32	1.18
	Urban	0.52	0.68	0.98	0.39	0.72	0.33	0.24	0.34	0.47	0.54
	Unknown	0	0	0	0	0	0	0	0	0	0
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	73	114	131	112	105	100	77	80	76	69
	Restrained	20	30	40	28	29	29	21	28	29	24
	Unrestrained (C-4)	46	76	89	66	71	63	48	42	37	33
	Unknown	7	8	2	18	5	8	8	10	10	12
Alcohol-Impaired Driving Fatalities (BAC=.08+)** (C-5)		46	63	72	61	55	51	52	45	28	41
Speeding-Related Fatalities (C-6)		42	51	62	59	50	43	25	28	41	25
Motorcyclist Fatalities	Total (C-7)	15	14	16	9	10	8	12	13	16	11
	Helmeted	3	4	4	5	1	5	2	3	5	4
	Unhelmeted (C-8)	12	10	11	3	9	3	10	10	11	7
	Unknown	0	0	1	1	0	0	0	0	0	0
Drivers Involved in Fatal Crashes	Total	144	187	218	213	176	166	138	147	144	126
	Aged Under 15	0	0	0	1	2	2	0	0	1	1
	Aged 15-20	17	22	23	20	21	14	15	15	8	9
	Aged Under 21 (C-9)	17	22	23	21	23	16	15	15	9	10
	Aged 21 and Over	124	165	195	192	152	150	123	131	135	116
Unknown Age	3	0	0	0	1	0	0	1	0	0	
Pedestrian Fatalities (C-10)		7	9	7	1	9	7	7	5	6	5
Bicyclist and Other Cyclist Fatalities**** (C-11)		1	1	0	1	3	1	3	2	2	2
Observed Seat Belt Use*** (B-1)		74.8	76.7	80.9	77.7	81.0	80.4	82.8	79.3	82.5	83.7

3 Year moving average (PDF) Excel (csv)

5 Year moving average (PDF) (Excel)

Download Table into Excel (csv)

*These Performance Measures Were Developed By The National Highway Traffic Safety Administration (NHTSA) and the Governors Highway Safety Association (GHSA) (See Publication: DOT HS 811 025)

**Based on the Highest BAC of a Driver or Motorcycle Rider Involved in the Crash

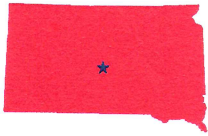
***North Dakota Data: State Survey

****On March 11th, 2014 GHSA and NHTSA agreed on bike fatalities as a newly required performance core measure

The Traffic Safety Performance measures outlined above use data definitions established by NHTSA's National Center for Statistics and Analysis (NCSA). These data definitions are documented in the FARS Analytical User's Manual (AUM), Appendix D: Additional Data Element Information.

Fatality Rates: North 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
2015	North Dakota	131	10,036	1.31	754,066	17.37
	US	35,484	3,095,373	1.15	320,635,163	11.07
	Best State*			0.57		3.41
2016	North Dakota	113	9,739	1.16	754,434	14.98
	US	37,806	3,174,408	1.19	322,941,311	11.71



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Traffic Safety Performance (Core Outcome) Measures* For South Dakota

Core Outcome Measures		Year									
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Traffic Fatalities	Total (C-1)	140	111	133	135	136	134	116	129	130	102
	Rural	127	96	117	118	115	114	103	109	117	84
	Urban	13	15	16	17	21	20	13	20	13	18
	Unknown	0	0	0	0	0	0	0	0	0	0
Fatalities Per 100 Million Vehicle Miles Driven	Total (C-3)	1.58	1.23	1.46	1.48	1.47	1.44	1.22	1.34	1.34	1.03
	Rural	2.00	1.48	1.81	1.84	1.79	1.75	1.55	1.61	1.72	1.21
	Urban	0.52	0.59	0.61	0.63	0.75	0.71	0.45	0.69	0.44	0.60
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	94	85	98	100	102	94	81	93	94	72
	Restrained	28	21	30	32	29	27	20	24	29	31
	Unrestrained (C-4)	60	52	60	61	69	60	58	64	59	38
	Unknown	6	12	8	7	4	7	3	5	6	3
Alcohol-Impaired Driving Fatalities (BAC=.08+)** (C-5)		37	33	44	41	44	44	46	36	46	28
Speeding-Related Fatalities (C-6)		32	37	39	38	30	31	37	31	52	24
Motorcyclist Fatalities	Total (C-7)	27	14	25	22	17	31	22	16	16	14
	Helmeted	7	3	4	7	5	9	6	6	4	6
	Unhelmeted (C-8)	20	11	21	15	11	22	15	10	11	6
	Unknown	0	0	0	0	1	0	1	0	1	2
Drivers Involved in Fatal Crashes	Total	184	136	174	182	179	168	138	158	148	132
	Aged Under 15	0	1	1	1	3	2	2	1	0	1
	Aged 15-20	21	15	18	15	20	12	18	9	17	14
	Aged Under 21 (C-9)	21	16	19	16	23	14	20	10	17	15
	Aged 21 and Over	163	120	155	165	155	154	118	148	130	117
Unknown Age	0	0	0	1	1	0	0	0	1	0	
Pedestrian Fatalities (C-10)		9	7	2	9	9	6	6	10	10	7
Bicyclist and Other Cyclist Fatalities**** (C-11)		2	1	0	0	2	1	0	0	0	1
Observed Seat Belt Use*** (B-1)		74.5	73.4	66.5	68.7	68.9	73.6	74.2	74.8	78.9	75.2

[3 Year moving average \(PDF\) Excel \(csv\)](#)

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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
2015	South Dakota	134	9,324	1.44	853,988	15.69
	US	35,484	3,095,373	1.15	320,635,163	11.07
	Best State*			0.57		3.41
2016	South Dakota	116	9,507	1.22	862,996	13.44
	US	37,806	3,174,408	1.19	322,941,311	11.71