

Motorcyclist deaths and death rates, 2007-2009

Year	Deaths	Death rate per 100 million vehicle miles traveled
2007	5,174	24.18
2008	5,312	25.52
2009	4,469	21.46
2010	4,518	24.40
2011	4,630	24.97
2012	4,986	23.32
2013	4,692	23.04
2014	4,594	23.00
2015	5,029	25.65
2016	5,337	26.10
2017	5,172	25.67

Source: National Center for Statistics and Analysis. (2019, July). Motorcycles: 2017 data (Updated, Traffic Safety Facts. Report N. DOT HS 812 785). Washington, DC: National Highway Traffic Safety Administration.

Motorcyclist injuries and injury rates, 2007-2009

Year	Injuries	Injuries rate per 100 million vehicle miles traveled
2007	103,000	481
2008	96,000	461
2009	90,000	430
2010	82,000	443
2011	81,000	439
2012	93,000	434
2013	88,000	434
2014	92,000	459
2015	88,000	451
2016*	104,000	511
2017*	89,000	440

* Starting in 2016 NHTSA transitioned from NAS GES estimate system to CRSS. CRSS estimates and NASS GES estimates are not comparable due to different sample designs.

Source: National Center for Statistics and Analysis. (2019, July). Motorcycles: 2017 data (Updated, Traffic Safety Facts. Report N. DOT HS 812 785). Washington, DC: National Highway Traffic Safety Administration.

Registered motorcycles and vehicle miles traveled, 2007-2017		
Year	Registered vehicles	Vehicle miles traveled (millions)
2007	7,138,476	21,396
2008	7,752,926	20,811
2009	7,929,724	20,822
2010	8,009,503	18,513
2011	8,437,502	18,542
2012	8,454,939	21,298
2013	8,404,687	20,366
2014	8,417,718	19,970
2015	8,600,936	19,606
2016	8,679,380	20,455
2017	8,715,204	20,149

Source: National Center for Statistics and Analysis. (2019, July). Motorcycles: 2017 data (Updated, Traffic Safety Facts. Report N. DOT HS 812 785). Washington, DC: National Highway Traffic Safety Administration.

Motorcycle traffic death overview, 2017	
Factor	Percent
Rural/ Urban	
Rural	40%
Urban	60%
Weather	
Clear/Cloudy	97%
Rain	2%
Fog	1%
Light Condition	
Dark	38%
Daylight	58%
Dusk	3%
Dawn	1%
Crash Type	
Single-vehicle crash	39%
Two-vehicle crash	53%
Three or more vehicle crash	8%
Helmet Use	
Helmeted	61%
Unhelmeted	39%
Alcohol-Impairment	
Alcohol impaired (BAC=0.08+ g/dL)	28%
Not alcohol impaired	72%

Source: National Center for Statistics and

Analysis. (2019, July). Motorcycles: 2017 data (Updated, Traffic Safety Facts. Report N. DOT HS 812 785). Washington, DC: National Highway Traffic Safety Administration.

Motorcyclists deaths by state, 2000-2017

State	Year																	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL U.S.	2,897	3,197	3,270	3,714	4,028	4,576	4,837	5,174	5,312	4,469	4,518	4,630	4,986	4,692	4,594	5,029	5,337	5,172
Alabama	43	43	43	52	75	62	105	85	100	76	86	98	97	80	65	67	112	79
Alaska	6	7	12	12	8	4	9	6	8	7	9	10	9	9	8	11	6	6
Arizona	90	73	94	109	119	138	142	135	141	121	91	136	141	151	130	137	146	163
Arkansas	27	38	38	56	57	63	76	80	68	71	84	64	72	63	61	80	82	65
California	276	299	324	383	432	469	506	518	560	394	352	415	447	463	522	494	576	529
Colorado	73	84	73	70	81	87	74	90	98	88	82	78	79	87	94	106	125	103
Connecticut	50	46	47	29	58	43	57	43	63	45	52	37	48	57	55	55	52	57
Delaware	5	10	7	11	8	21	12	16	16	14	8	19	17	20	15	19	14	10
District of Columbia	7	5	7	7	8	6	1	2	8	4	1	4	4	3	3	3	6	4
Florida	259	287	319	365	432	468	561	566	556	413	396	464	492	485	478	615	586	590
Georgia	61	95	85	103	111	144	154	163	178	140	128	150	134	116	137	152	172	139
Hawaii	18	18	24	19	21	30	27	29	25	35	26	32	40	29	25	26	24	25
Idaho	18	19	12	19	24	26	38	29	29	34	28	17	22	25	25	28	22	25
Illinois	126	140	100	143	157	158	132	157	135	130	131	145	148	152	118	147	154	162
Indiana	73	75	88	81	108	110	110	122	131	111	111	118	152	115	124	108	101	149
Iowa	32	39	41	51	36	45	57	62	55	49	60	36	59	41	52	41	60	48
Kansas	21	25	33	31	30	35	64	48	46	47	40	45	48	35	48	44	52	56
Kentucky	38	59	45	58	68	89	98	112	101	86	96	71	106	87	86	91	111	90
Louisiana	57	65	68	83	73	75	95	89	81	103	74	80	78	86	83	91	94	96
Maine	18	14	13	20	22	15	23	21	18	24	19	15	24	14	11	32	18	26
Maryland	50	53	51	56	69	85	84	96	91	69	82	76	78	62	69	75	76	86
Massachusetts	33	53	58	35	60	56	50	62	42	55	61	40	56	42	47	56	44	51
Michigan	86	97	87	81	81	124	114	123	128	109	137	118	138	138	112	141	152	150
Minnesota	37	42	47	64	52	59	67	61	71	52	48	42	55	61	46	61	56	55
Mississippi	22	30	26	42	40	39	55	51	40	47	42	58	39	39	41	37	50	40
Missouri	44	53	60	90	56	91	93	92	107	87	95	82	104	74	91	97	128	121
Montana	13	13	24	12	21	28	26	36	36	26	25	20	30	35	23	24	17	23
Nebraska	3	12	15	13	21	17	18	15	19	15	14	23	22	14	20	25	20	27
Nevada	21	21	35	26	52	56	50	51	59	42	48	41	43	59	63	55	74	54
New Hampshire	27	22	12	9	28	44	21	25	30	21	28	14	29	24	17	26	19	15
New Jersey	56	73	50	57	76	61	99	85	82	65	70	93	77	56	62	50	71	83
New Mexico	26	31	32	36	39	38	43	50	49	40	41	47	64	41	46	38	47	53
New York	119	147	141	154	150	162	194	168	184	155	184	170	170	170	148	163	136	145
North Carolina	98	109	123	108	136	152	150	201	169	154	191	170	198	189	190	192	185	176
North Dakota	4	4	1	4	9	6	4	8	13	7	15	14	16	9	10	8	12	12
Ohio	127	125	133	136	134	178	158	189	213	166	170	165	162	132	136	168	199	157
Oklahoma	24	39	39	43	78	77	64	76	89	108	78	98	84	92	57	89	88	93
Oregon	37	32	26	44	37	48	44	51	48	53	38	40	51	34	46	61	55	57
Pennsylvania	149	132	134	156	158	205	188	225	239	204	223	199	210	182	185	178	191	187
Rhode Island	12	6	9	13	10	14	16	13	7	19	15	15	8	11	10	9	4	11
South Carolina	82	82	90	89	88	106	110	131	123	108	101	129	146	149	121	185	186	145
South Dakota	20	17	19	19	26	22	22	29	15	16	27	14	25	22	17	31	22	16
Tennessee	69	78	75	90	97	129	141	149	146	122	137	115	139	138	120	123	147	134
Texas	229	243	256	342	290	364	353	407	524	429	420	478	454	493	451	452	495	490
Utah	24	28	18	22	31	23	24	33	36	30	21	28	32	31	45	36	41	39
Vermont	6	11	5	3	11	14	10	7	7	8	6	8	11	7	7	11	11	13
Virginia	43	45	54	56	57	69	69	129	86	77	86	96	85	79	90	79	79	117
Washington	37	55	54	59	73	74	80	69	81	70	70	72	83	73	69	75	81	80
West Virginia	17	21	29	30	27	34	39	40	52	26	33	27	31	24	26	32	29	26
Wisconsin	78	72	82	103	80	93	93	109	89	84	105	88	117	85	73	81	85	77
Wyoming	6	10	12	20	13	20	17	20	20	13	33	16	12	9	16	24	24	17

Source: NSC analysis of NHTSA FARS data