

Motorcycle Crash Information - Excerpts From NHTSA 2012 – 2016 State of Oregon

Source Site - <https://cdan.nhtsa.gov/STSI.htm#>

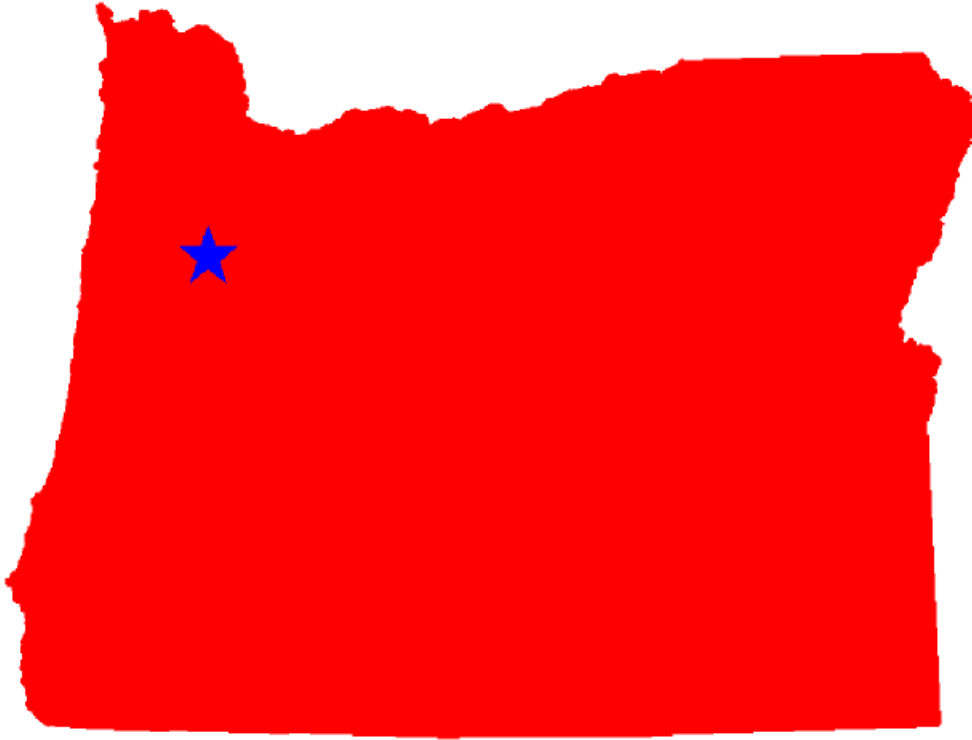


U.S. Department of Transportation



National Highway Traffic Safety Administration

Traffic Safety Facts Oregon 2012-2016



This Report Contains Data From the Following Sources:
Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2012-2015 Final File and 2016 Annual Report File (ARF)
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Oregon State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
Population Data - U.S. Bureau of the Census

1

National Highway Traffic Safety Administration 1200 New Jersey Avenue, SE Washington, DC 20590

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U.S. Department of Transportation



National Highway Traffic Safety Administration

Traffic Safety Performance (Core Outcome) Measures* For Oregon

Core Outcome Measures		Year									
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Traffic Fatalities	Total (C-1)	455	416	377	317	331	337	313	357	446	495
	Rural	342	300	292	216	217	229	199	237	282	341
	Urban	113	116	85	101	114	108	114	120	163	154
	Unknown	0	0	0	0	0	0	0	0	1	0
Fatalities Per 100 Million VMT**	Total (C-3)	1.31	1.24	1.11	0.94	0.99	1.02	0.93	1.03	1.24	
	Rural	2.24	2.03	1.93	1.45	1.48	1.58	1.33	1.76	1.97	
	Urban	0.58	0.62	0.45	0.54	0.61	0.58	0.61	0.57	0.75	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	320	289	268	195	215	199	216	232	289	340
	Restrained	166	166	151	126	127	119	138	137	169	192
	Unrestrained (C-4)	105	91	96	52	63	61	54	61	82	76
	Unknown	49	32	21	17	25	19	24	34	38	72
Alcohol-Impaired Driving Fatalities (BAC=.08+)***(C-5)		148	137	115	70	96	88	103	99	154	154
Speeding-Related Fatalities (C-6)		122	147	125	97	105	103	95	105	119	142
Motorcyclist Fatalities	Total (C-7)	51	48	53	38	40	51	34	46	61	54
	Helmeted	46	46	44	34	34	46	32	41	57	46
	Unhelmeted (C-8)	3	1	8	4	5	4	2	4	3	3
	Unknown	2	1	1	0	1	1	0	1	1	5
Drivers Involved in Fatal Crashes	Total	584	519	487	415	434	426	419	471	598	664
	Aged Under 15	0	0	0	0	0	0	0	0	0	0
	Aged 15-20	74	34	46	37	35	40	35	33	50	56
	Aged Under 21 (C-9)	74	34	46	37	35	40	35	33	50	56
	Aged 21 and Over	505	477	433	374	397	381	382	435	543	603
Unknown Age		5	8	8	4	2	5	2	3	5	5
Pedestrian Fatalities (C-10)		48	51	35	56	46	55	48	57	69	72
Bicyclist and Other Cyclist Fatalities**** (C-11)		15	10	8	7	15	10	3	7	8	10
Observed Seat Belt Use**** (B-1)		95	96	97	97	97	97	98	98	96	96

*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)

**2016 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only *Oregon Data: State Survey

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

[Back To The Table of Contents](#)

Motorcycle Crash Information - Excerpts From NHTSA 2012 – 2016 State of Oregon

Source Site - <https://cdan.nhtsa.gov/STSI.htm#>



U.S. Department of Transportation



National Highway Traffic Safety Administration

Blood Alcohol Concentration (BAC) Reporting Rates
For Drivers/Motorcycle Riders (Operators)
Involved in Fatal Crashes:
Oregon, 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
2012	Oregon	231	88	38	195	179	92	426	267	63
	US	24,174	7,569	31	21,490	16,097	75	45,664	23,666	52
	Best State*			88			95			91
2013	Oregon	215	91	42	204	185	91	419	276	66
	US	23,860	6,975	29	20,943	15,661	75	44,803	22,636	51
	Best State*			81			95			86
2014	Oregon	245	90	37	226	195	86	471	285	61
	US	23,883	6,781	28	20,788	15,352	74	44,671	22,133	50
	Best State*			88			96			89
2015	Oregon	315	119	38	283	251	89	598	370	62
	US	26,814	7,486	28	22,348	16,469	74	49,162	23,955	49
	Best State*			88			96			90
2016	Oregon	343	94	27	321	244	76	664	338	51
	US	28,354	6,590	23	23,560	14,453	61	51,914	21,043	41
	Best State*			88			96			87

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

[Back To The Table of Contents](#)

Motorcycle Crash Information - Excerpts From NHTSA 2012 – 2016 State of Oregon

Source Site - <https://cdan.nhtsa.gov/STSI.htm#>



U.S. Department of Transportation



National Highway Traffic Safety Administration

Oregon Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Fatalities					Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Unknown Helmet Use	Percent Known Helmeted*	Lives Saved at Current Helmet Use	Additional Lives Savable at 100% Helmet Usage
2012	51	46	4	1	92	28	2
2013	34	32	2	0	94	19	1
2014	46	41	4	1	91	25	2
2015	61	57	3	1	95	34	1
2016	54	46	3	5	94	30	1

*Percent Based Only Where Helmet Use Was Known

**Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

[Back To The Table of Contents](#)

Motorcycle Crash Information - Excerpts From NHTSA 2012 – 2016 State of Oregon

Source Site - <https://cdan.nhtsa.gov/STSI.htm#>



U.S. Department of Transportation



National Highway Traffic Safety Administration

Oregon Fatalities by Person Type

Person Type		2012		2013		2014		2015		2016	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	102	30	134	43	128	36	152	34	180	36
	Light Truck - Pickup	46	14	37	12	56	16	60	13	67	14
	Light Truck - Utility	42	12	33	11	43	12	56	13	68	14
	Light Truck - Van	7	2	11	4	5	1	20	4	24	5
	Light Truck - Other	2	1	1	0	0	0	1	0	1	0
	Large Truck	2	1	5	2	7	2	8	2	9	2
	Bus	10	3	0	0	0	0	1	0	0	0
	Other/Unknown Occupants	5	1	3	1	8	2	5	1	8	2
	<i>Total Occupants</i>	216	64	224	72	247	69	303	68	357	72
Motorcyclists	<i>Total Motorcyclists</i>	51	15	34	11	46	13	61	14	54	11
Nonoccupants	Pedestrian	55	16	48	15	57	16	69	15	72	15
	Bicyclist and Other Cyclist	10	3	3	1	7	2	8	2	10	2
	Other/Unknown Nonoccupants	5	1	4	1	0	0	5	1	2	0
	<i>Total Nonoccupants</i>	70	21	55	18	64	18	82	18	84	17
Total	<i>Total</i>	337	100	313	100	357	100	446	100	495	100

*Sum of Percents May Not = 100 Due to Individual Cell Rounding

[Back To The Table of Contents](#)

Motorcycle Crash Information - Excerpts From NHTSA 2012 – 2016 State of Oregon

Source Site - <https://cdan.nhtsa.gov/STSI.htm#>



U.S. Department of Transportation



National Highway Traffic Safety Administration

Oregon Fatalities by Crash Type

Crash Type	2012	2013	2014	2015	2016
Total Fatalities (All Crashes)*	337	313	357	446	495
- (1) Single Vehicle	213	190	220	280	268
- (2) Involving a Large Truck	28	33	32	53	53
- (3) Involving Speeding	103	95	105	119	142
- (4) Involving a Rollover	82	67	90	109	94
- (5) Involving a Roadway Departure	219	187	228	278	308
- (6) Involving an Intersection (or Intersection Related)	62	69	71	90	87

(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 Occurred Within an Intersection or Within the Approach to an Intersection

*A Fatality Can Be in More Than One Category. Therefore Sum of the Individual Cells Will Not Equal the Total Due to Double Counting

[Back To The Table of Contents](#)

Motorcycle Crash Information - Excerpts From NHTSA 2012 – 2016 State of Oregon

Source Site - <https://cdan.nhtsa.gov/STSI.htm#>



U.S. Department of Transportation



National Highway Traffic Safety Administration

Oregon Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2012	0	5	8	8	10	20	51
2013	1	2	6	6	8	11	34
2014	0	7	9	8	14	8	46
2015	0	8	9	14	14	16	61
2016	4	9	12	7	8	14	54

[Back To The Table of Contents](#)

Oregon Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2012	51	86,123	59.22
2013	34	89,797	37.86
2014	46	88,247	52.13
2015	61	128,308	47.54
2016	54		

*Data Source: FHWA
 *2016 Motorcycle Registrations are Not Yet Available

[Back To The Table of Contents](#)

Motorcycle Crash Information - Excerpts From NHTSA 2012 – 2016 State of Oregon

Source Site - <https://cdan.nhtsa.gov/STSI.htm#>



U.S. Department of Transportation



National Highway Traffic Safety Administration

Fatality Rates: Oregon , 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
2012	Oregon	337	33,173	1.02	3,899,116	8.64
	US	33,782	2,969,433	1.14	313,998,379	10.76
	Best State*			0.42		2.36
2013	Oregon	313	33,706	0.93	3,925,751	7.97
	US	32,893	2,988,280	1.10	316,204,908	10.40
	Best State*			0.57		3.08
2014	Oregon	357	34,610	1.03	3,968,371	9.00
	US	32,744	3,025,656	1.08	318,563,456	10.28
	Best State*			0.62		3.49
2015	Oregon	446	35,999	1.24	4,024,634	11.08
	US	35,485	3,095,373	1.15	320,896,618	11.06
	Best State*			0.57		3.43
2016	Oregon	495			4,093,465	12.09
	US	37,461			323,127,513	11.59
	Best State*					3.96

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States
 2016 National VMT is a Preliminary Estimate and Subject to Change
 2016 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

[Back To The Table of Contents](#)

Motorcycle Crash Information - Excerpts From NHTSA 2012 – 2016 State of Oregon

Source Site - <https://cdan.nhtsa.gov/STSI.htm#>



U.S. Department of Transportation



National Highway Traffic Safety Administration

Alcohol-Impaired Driving Fatalities**: Oregon, U.S. and Best State

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2012	Oregon	337	88	26	0.27
	US	33,782	10,336	31	0.35
	Best State*			15	0.08
2013	Oregon	313	103	33	0.31
	US	32,893	10,084	31	0.34
	Best State*			17	0.14
2014	Oregon	357	99	28	0.29
	US	32,744	9,943	30	0.33
	Best State*			18	0.11
2015	Oregon	446	154	35	0.43
	US	35,485	10,320	29	0.33
	Best State*			15	0.14
2016	Oregon	495	154	31	
	US	37,461	10,497	28	
	Best State*			19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States
 **Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only
 2016 National VMT is a Preliminary Estimate and Subject to Change
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[Back To The Table of Contents](#)