

Relative Motorcycle Driver Danger Current 5 year Table

	Motorcycle Driver Fatalities (MDF)	Motorcycle Million Miles	Motorcycle Driver Fatalities per 100 Million Miles
2012	4,652	21,298	21.8
2013	4,423	20,366	21.7
2014	4,318	19,970	21.6
2015	4,735	19,606	24.2
2016	4,950	20,445	24.2
Total	23,078	101,685	22.7
	Passenger Vehicle Driver Fatalities (PVDF)	All light Duty Vehicles Million Miles	Passenger Vehicle Driver Fatalities per 100 Million Miles
2012	15,842	2,664,445	0.595
2013	15,494	2,677,730	0.579
2014	15,431	2,710,556	0.569
2015	16,560	2,779,693	0.596
2016	17,480	2,849,718	0.613
Total	80,807	13,682,142	<i>0.591</i>
	Motorcycle Driver Fatalities per 100 Million Miles	Passenger Vehicle Driver Fatalities per 100 Million Miles	Relative Danger
2012	21.8	0.595	36.7
2013	21.7	0.579	37.5
2014	21.6	0.569	38.0
2015	24.2	0.596	40.5
2016	24.2	0.613	39.5
Average	22.7	<i>0.590</i>	38.5

An astounding 38 times more dangerous to operate a motorcycle mile for mile!

Source:

National Highway Traffic Safety Administration (NHTSA) Fatality Analysis Reporting System (FARS) using the FARS File released October 2017

Federal Highway Administration (FHWA) for Vehicle-Miles-Traveled (VMT) Table VM-1 Release 2018

1. **Exposure To Danger, Miles Traveled:** Currently, there is one driver per vehicle, which means that DriverMiles Traveled is numerically equal to Vehicle Miles Traveled. Driver Fatalities per Driver Miles Traveled is expected remain nearly constant from year to year. The observed year to year variation in values is attributed to the uncertainty of the year to year VMT and the year to year random fluctuation of fatalities.
2. **Crash:** A crash is any mishap that involves one or more vehicles-in-transport on roadways commonly used by the public. A Motorcycle Crash is a crash involving one or more Motorcycles-In-Transport on a roadway commonly used by the public. A Passenger Vehicle Crash is a crash involving one or more Passenger-Vehicles-In-Transport on a roadway commonly used by the public.
3. **Operator:** FARS uses “driver,” element P7=01. Please see FARS manual.
4. **Start with 2012:** The table starts with 2012 because major changes were made to the methodology for determining Vehicle-Miles-Traveled (VMT) in 2011. Please see the FARS Encyclopedia Warning in this link:

<http://www.motorcycleinstitute.org/docs/data/data-refs/fars-manual/fars-encyclopedia-vmt-changes-annotated.pdf>