USA Driver Fatality Rates 5-Year Rolling Average

USA Motorcycle Driver Fatalities

USA Passenger Vehicle Driver Fatalities

USA Motorcycle Driver Fatalities as Percentage of Total Passenger Vehicle and Motorcycle

MotorcycleInstitute.org
A 501(c)(3) Public Benefit Organization
Sources:
Fatalities: NHTSA Fatality Analysis Reporting System (FARS) using the FARS File released September 2016

1. **Operator:** FARS uses “driver,” element P7=01. Please see FARS manual.

2. **5-Year Rolling Average:** The 5-year average is used in order to provide enough data points to smooth out random fluctuations. The 1995 five-year average is \(1991+1992+1993+1994+1995\) data divided by 5. The five years are “rolled” forward for the next year’s average. This averaging is especially useful when comparing states with large populations to states with small populations.

3. **Start with 1995:** The charts start with 1995 because the FARS definition for “Passenger Vehicle” was changed to its current definition in 1991. The 1991 data is a part of the 1995 five-year average. The 5-year averages early than 1995 would contain years with mixed definitions, which should not be used for comparisons. See FARS Manual and FARS Analytical User Manual for details.

4. **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.