



## NONFATAL MOTOR VEHICLE HOSPITALIZATIONS – DRIVER

### Unintentional, Motor Vehicle Traffic (MVT)

#### Background Information/Significance

- To determine nonfatal unintentional injury-related hospitalizations among drivers in motor vehicle traffic crashes
- A “traffic” crash is any vehicle crash occurring on a public highway or street, whereas a “non-traffic” crash occurs entirely in any place other than a public highway or street. Vehicle collisions are assumed to have occurred on a public road unless another place is specified, except for incidents involving only off-road motor vehicles, which are classified as “non-traffic” unless the contrary is stated.<sup>1</sup>

#### Numerator:

- Hospitalizations from the injury hospitalization subset<sup>2</sup> with any of the following ICD-10-CM external cause of injury codes in any field
- Exclude in-facility deaths

#### Codes\* for driver of motor vehicle injured in unintentional traffic crash

Unintentional MV-Traffic Driver Codes	Description
V204, V214, V224, V234, V244, V254, V264, V274, V284, V2940, V2949	Driver of a motorcycle injured in traffic crash
V305, V315, V325, V335, V345, V355, V365, V375, V385, V3940, V3949	Driver of three-wheeled motor vehicle injured in traffic crash
V405, V415, V425, V4351-V4354, V445, V455, V465, V475, V485 (V4751, V4752)**	Driver of car injured in traffic crash
V4940, V4949	Driver of unspecified vehicle type injured in traffic crash
V505, V515, V525, V535, V545, V555, V565, V575, V585, V5940, V5949	Driver of pick-up truck or van injured in traffic crash
V605, V615, V625, V635, V645, V655, V665, V675, V685, V6940, V6949	Driver of heavy transport vehicle injured in traffic crash
V705, V715, V725, V735, V745, V755, V765, V775, V785, V7940, V7949	Driver of a bus injured in traffic crash
V830, V840, V850, V8601-V8606, V8609	Driver of a special industrial vehicle, special agricultural vehicle, special construction vehicle, ambulance, snowmobile, dune buggy, military vehicle, 3- or 4-wheeled ATV, dirt bike/moto cross bike, or other special all-terrain vehicle injured in traffic crash

\*7<sup>th</sup> character of A or missing (reflects initial encounter, active treatment)

\*\*Codes V4751, V4752 were retired on October 1, 2016 and replaced with V475.

<sup>1</sup> <https://apps.who.int/classifications/apps/icd/icd10online2004/defs.htm>

<sup>2</sup> <https://www.cdc.gov/nchs/data/nhsr/nhsr125-508.pdf>

**Denominator:**

- Midyear population for the calendar year under surveillance obtained from the U.S. Census Bureau or suitable alternative.

**Measures of frequency:**

- Annual number of hospitalizations, by age group and sex.
- Annual age-adjusted rates, overall and by sex, standardized by the direct method to the year 2000 standard U.S. population

**Period for case definition:**

- Calendar year based on date of hospital discharge.

**Indicator notes:**

- The Injury Surveillance Indicators for use with hospitalization data are restricted to cases where the principal diagnosis is an injury code.
- Refer to the CSTE Injury Surveillance Toolkit – [Injury Indicators](#) Page for more information

**Limitations of data source:**

- Injuries that result in hospitalization only represent a portion of the overall burden of injury. These injuries should be considered in the context of both less- and more-severe injuries.
- The accuracy of indicators based on codes found in hospital discharge data are limited by the completeness and quality of coding.