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.¹

Numerator:
- Hospitalizations from the injury hospitalization subset² 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

<table>
<thead>
<tr>
<th>Unintentional MV-Traffic Driver Codes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>V204, V214, V224, V234, V244, V254, V264, V274, V284, V2940, V2949</td>
<td>Driver of a motorcycle injured in traffic crash</td>
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<tr>
<td>V4940, V4949</td>
<td>Driver of unspecified vehicle type injured in traffic crash</td>
</tr>
<tr>
<td>V505, V515, V525, V535, V545, V555, V565, V575, V585, V5940, V5949</td>
<td>Driver of pick-up truck or van injured in traffic crash</td>
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<tr>
<td>V605, V615, V625, V635, V645, V655, V665, V675, V685, V6940, V6949</td>
<td>Driver of heavy transport vehicle injured in traffic crash</td>
</tr>
<tr>
<td>V705, V715, V725, V735, V745, V755, V765, V775, V785, V7940, V7949</td>
<td>Driver of a bus injured in traffic crash</td>
</tr>
<tr>
<td>V830, V840, V850, V8601-V8606, V8609</td>
<td>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</td>
</tr>
</tbody>
</table>

*7th character of A or missing (reflects initial encounter, active treatment)
**Codes V4751, V4752 were retired on October 1, 2016 and replaced with V475.

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

This document was developed as part of the CSTE ICD-10-CM Injury Surveillance Toolkit.
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.