

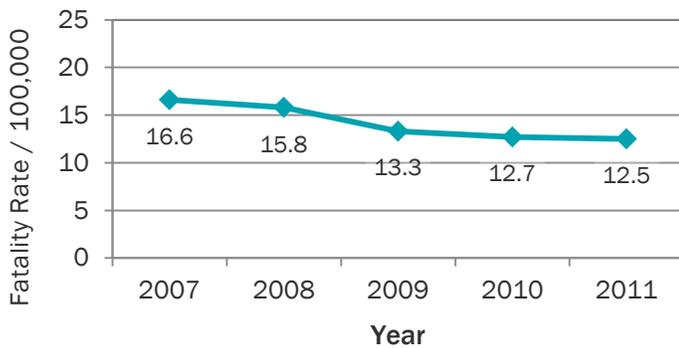


# Florida Injury Facts Motor Vehicle Traffic

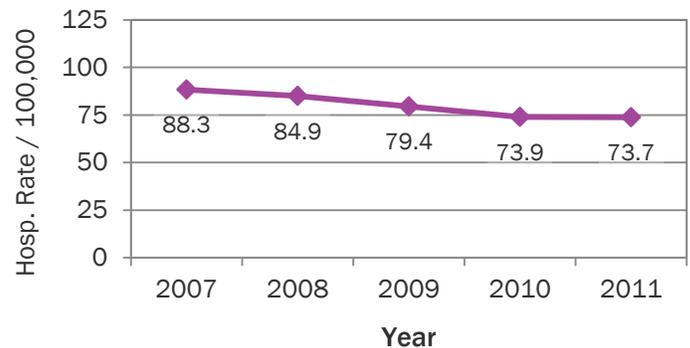
## At A Glance

- Motor vehicle traffic crashes continue to be a leading cause of injury death in Florida and are second only to poisonings as of 2011. These crashes can cause injuries to passengers and drivers of motor vehicles, motorcyclists, pedestrians, and others.
- In 2011, 2,367 Florida residents were fatally injured in motor vehicle traffic crashes; there were another 13,956 hospitalizations for non-fatal injuries.

**Fatal Motor Vehicle Traffic Injuries, by Year, 2007-2011**



**Non-Fatal Motor Vehicle Traffic Injury Hospitalizations, by Year, 2007-2011**

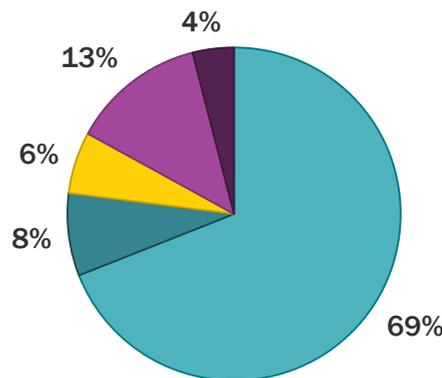


## Economic Impact

In 2011:

- The median admission charge for non-fatal injury hospitalizations was \$53,007; total charges exceeded \$1.3 billion. The median length of stay was four days.
- Commercial insurance was the payer source for 69% of these hospitalizations; self-pay/underinsured was responsible for 13%.

**Non-Fatal Motor Vehicle Traffic Injury Hospitalization Admission Charges and Payer Source, Florida Residents, 2011**



|                                |                 |
|--------------------------------|-----------------|
| <b>Median Admission Charge</b> | \$53,007        |
| <b>Total Admission Charges</b> | > \$1.3 billion |

- Commercial Insurance
- Medicaid
- Medicare
- Self-Pay/Under-Insured
- Other

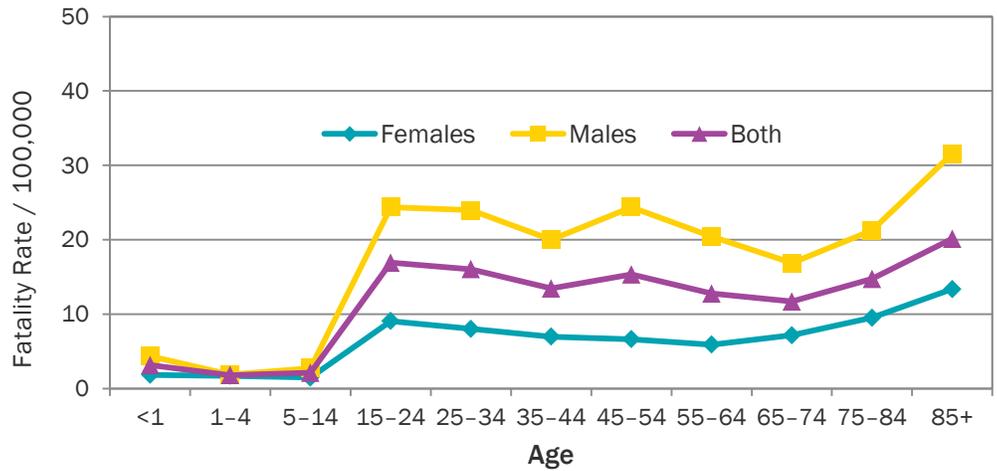


# Who Is Injured?

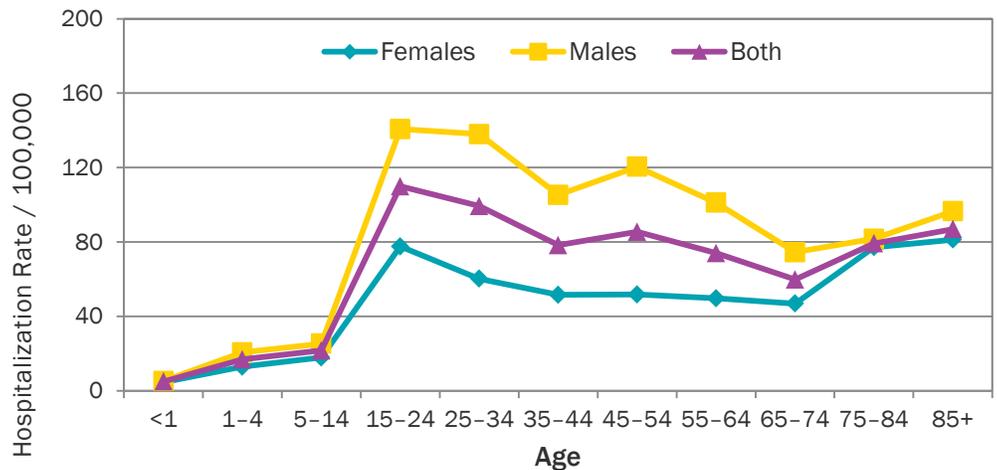
In 2011:

- Residents aged 15–24 had the highest rates of fatal motor vehicle traffic injuries and non-fatal hospitalizations. After age 24, the fatality and non-fatal hospitalization rates gradually decline through age 64. Slight rate increases are seen among seniors aged 65 years and older.
- Overall, the fatality and non-fatal hospitalization rates among males were 2.9 and 1.9 times the rates among females, respectively.

**Fatal Motor Vehicle Traffic Injuries, by Age and Sex, Florida Residents, 2011**



**Non-Fatal Motor Vehicle Traffic Injury Hospitalizations, by Age and Sex, Florida Residents, 2011**



- Males accounted for 73% of motor vehicle traffic injury deaths and 64% of non-fatal hospitalizations. Females accounted for 27% of the deaths and 36% of the non-fatal hospitalizations.
- Whites accounted for 78% of motor vehicle traffic injury deaths and non-fatal hospitalizations combined, Blacks accounted for 15% and Other Non-Whites accounted for 7%.

**Fatal Motor Vehicle Traffic Injuries and Non-Fatal Hospitalizations, by Sex and Race, Florida Residents, 2011**

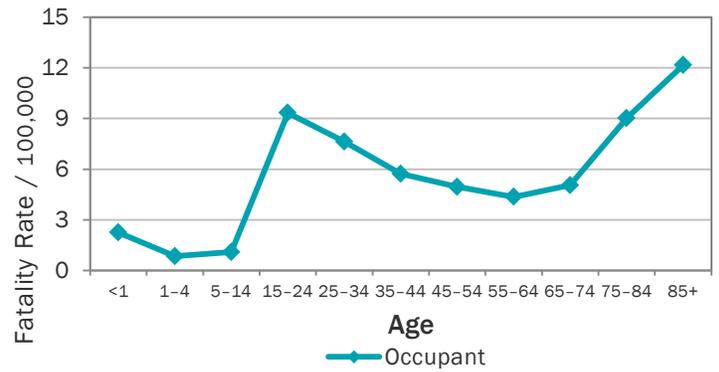
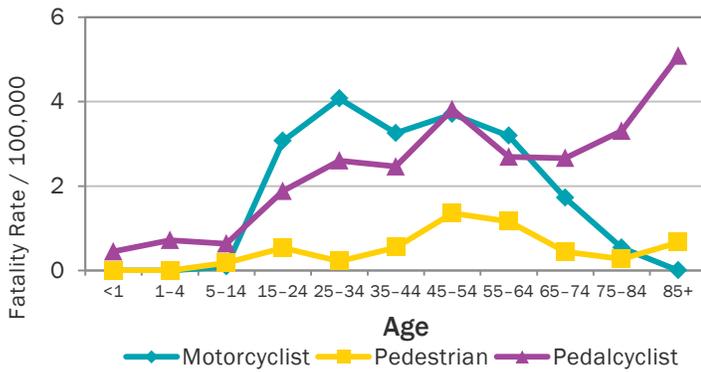
|                            | Female | Male  | White  | Black | Other Non-White | Both Sexes, All Races |
|----------------------------|--------|-------|--------|-------|-----------------|-----------------------|
| Deaths                     | 642    | 1,725 | 1,947  | 370   | 49              | 2,367                 |
| Non-Fatal Hospitalizations | 5,001  | 8,954 | 10,779 | 2,071 | 1,106           | 13,956                |

\*Some records have unknown sex or race; categories may not add up to total.

In 2011:

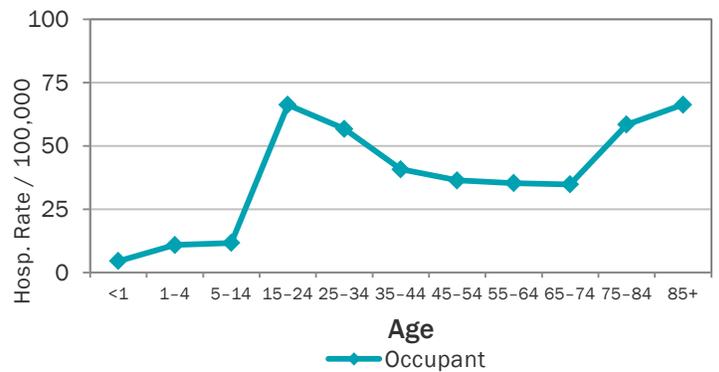
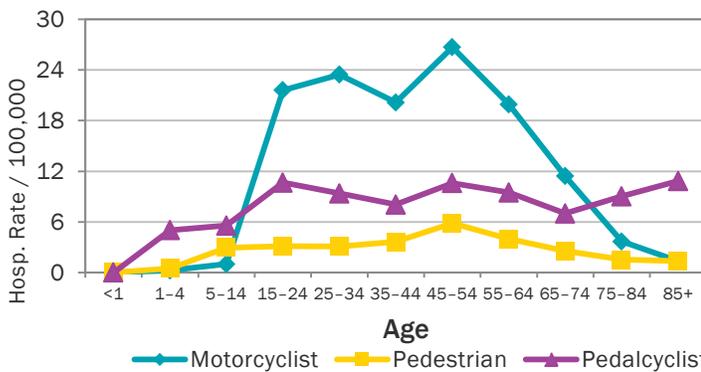
- Residents ages 15–54 had some of the highest motorcyclist injury rates.
- Residents ages 15–24 had the highest MV occupant fatality and hospitalization rates.
- In general, older residents had higher pedestrian fatality rates than younger residents.
- Pedal cyclist injury rates were the highest for residents ages 35–64.

**Fatal Motor Vehicle Traffic Injuries, by Person Injured, Florida Residents, 2011**



| Deaths by Age            | < 1      | 1-4       | 5-14      | 15-24      | 25-34      | 35-44      | 45-54      | 55-64      | 65-74      | 75-84      | 85 +      | Total        |
|--------------------------|----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|--------------|
| Occupant                 | 5        | 7         | 24        | 228        | 176        | 137        | 135        | 105        | 91         | 101        | 55        | 1,064        |
| Motorcyclist             | 0        | 0         | 2         | 75         | 94         | 78         | 101        | 77         | 31         | 6          | 0         | 464          |
| Pedalcyclist             | 0        | 0         | 4         | 13         | 5          | 13         | 37         | 28         | 8          | 3          | 3         | 114          |
| Pedestrian               | 1        | 6         | 14        | 46         | 60         | 59         | 104        | 65         | 48         | 37         | 23        | 463          |
| Other, Unspecified       | 1        | 2         | 3         | 51         | 35         | 35         | 41         | 33         | 33         | 18         | 10        | 262          |
| <b>Total: MV Traffic</b> | <b>7</b> | <b>15</b> | <b>47</b> | <b>413</b> | <b>370</b> | <b>322</b> | <b>418</b> | <b>308</b> | <b>211</b> | <b>165</b> | <b>91</b> | <b>2,367</b> |

**Non-Fatal Motor Vehicle Traffic Injury Hospitalizations, by Person Injured, Florida Residents, 2011**

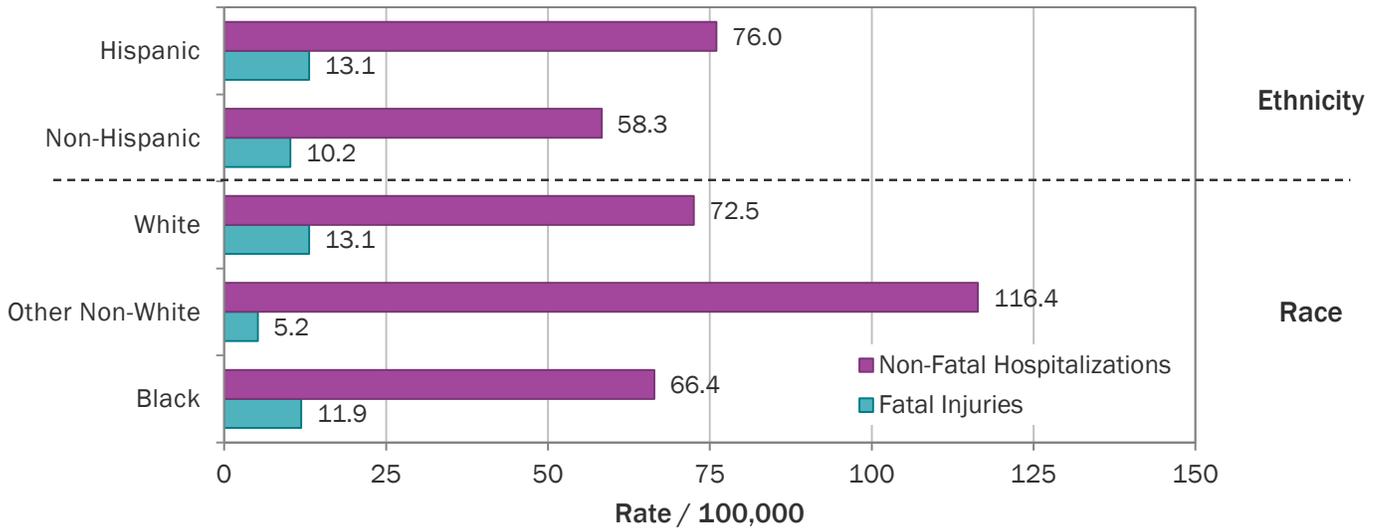


| Hospitalizations by Age  | < 1       | 1-4        | 5-14       | 15-24        | 25-34        | 35-44        | 45-54        | 55-64        | 65-74        | 75-84      | 85 +       | Total         |
|--------------------------|-----------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|---------------|
| Occupant                 | 10        | 91         | 259        | 1,618        | 1,309        | 977          | 992          | 853          | 628          | 654        | 300        | 7,691         |
| Motorcyclist             | 0         | 2          | 22         | 528          | 541          | 483          | 728          | 481          | 206          | 41         | 6          | 3,038         |
| Pedalcyclist             | 0         | 4          | 65         | 76           | 71           | 87           | 159          | 96           | 46           | 17         | 6          | 627           |
| Pedestrian               | 0         | 42         | 123        | 260          | 216          | 193          | 289          | 229          | 126          | 101        | 49         | 1,628         |
| Other, Unspecified       | 1         | 2          | 11         | 203          | 154          | 135          | 162          | 127          | 72           | 73         | 32         | 972           |
| <b>Total: MV Traffic</b> | <b>11</b> | <b>141</b> | <b>480</b> | <b>2,685</b> | <b>2,291</b> | <b>1,875</b> | <b>2,330</b> | <b>1,786</b> | <b>1,078</b> | <b>886</b> | <b>393</b> | <b>13,956</b> |

In 2011,

- Other Non-White residents had the lowest rate of fatal motor vehicle traffic injuries and the highest rate of non-fatal hospitalizations; the rates were similar between White and Black residents.
- Rates of fatal motor vehicle traffic injuries and non-fatal hospitalizations are slightly higher for Non-Hispanic residents than for Hispanic residents.

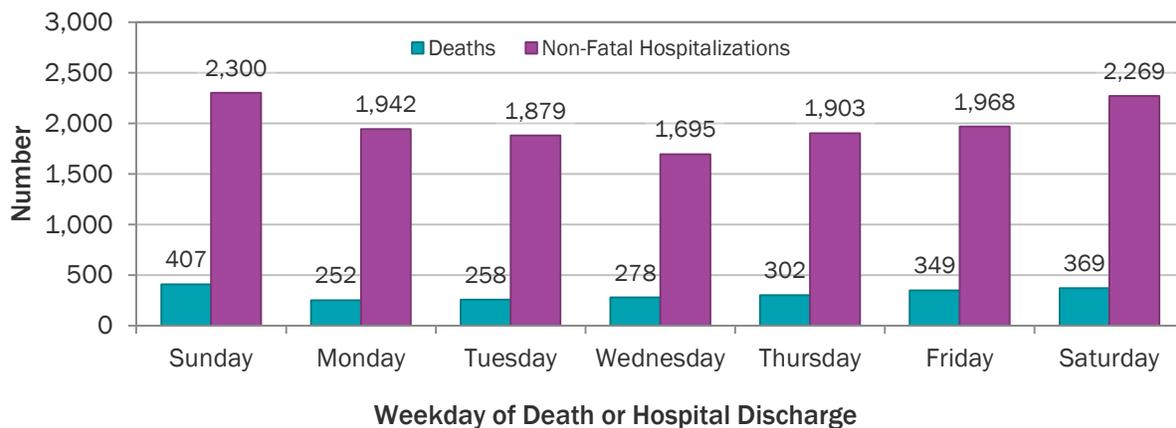
**Fatal Motor Vehicle Traffic Injuries and Non-Fatal Hospitalizations, by Hispanic Ethnicity and Race, Florida Residents, 2011**



## Weekday Of Injury

In 2011, motor vehicle traffic injuries occurred more often around the weekend than during the middle of the week.

**Fatal Motor Vehicle Traffic Injuries and Non-Fatal Hospitalizations, by Weekday, Florida Residents, 2011**



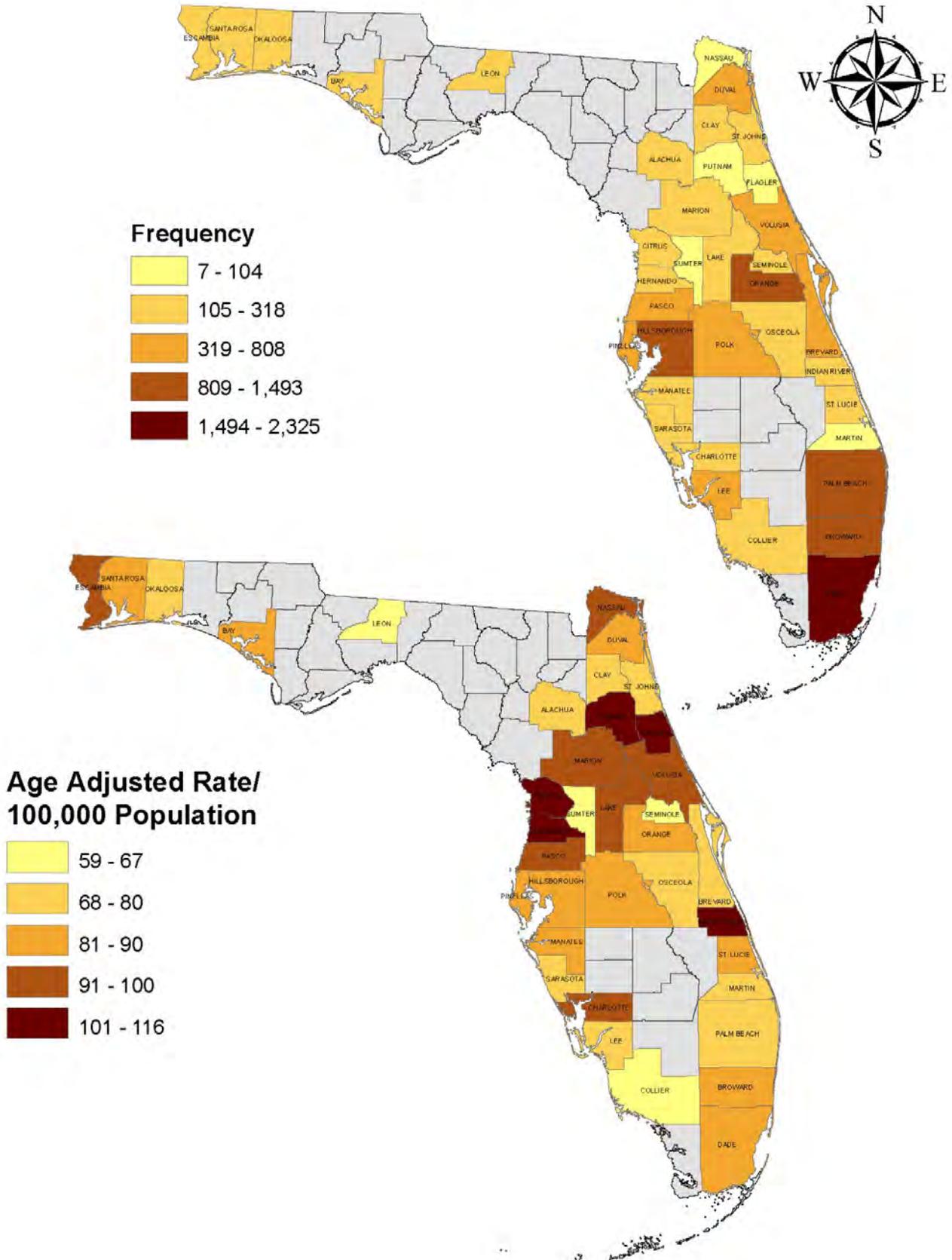
### Data Sources and Case Definitions

Motor Vehicle Traffic Injury Deaths: Florida Department of Health, Office of Vital Statistics, Death Certificates; Underlying Cause of Death ICD-10 V02-V04 (.1-.9), V09.2, V12-V14 (.3-.9), V19.4-V19.6, V20-V28 (.3-.9), V29.4-V29.9, V30-V79 (.4-.9), V80.3-V80.5, V81.1, V82.1, V83-V86 (.0-.3), V87.0-V87.8, V89.2

Non-Fatal Motor Vehicle Traffic Injury Hospitalizations: Agency for Health Care Administration, Hospital Discharge Data; Records with Injury Principal Diagnosis and Motor Vehicle Traffic External Cause of Injury Code ICD-9 CM E810-E819

# County By County Comparison: Non-Rural Counties

Motor Vehicle Traffic Deaths and Non-Fatal Hospitalizations,  
Florida Residents of Non-Rural Counties, 2011



# County By County Comparison: Rural\* Counties

Motor Vehicle Traffic Deaths and Non-Fatal Hospitalizations,  
Florida Residents of Rural Counties, 2011

