Florida Injury Facts
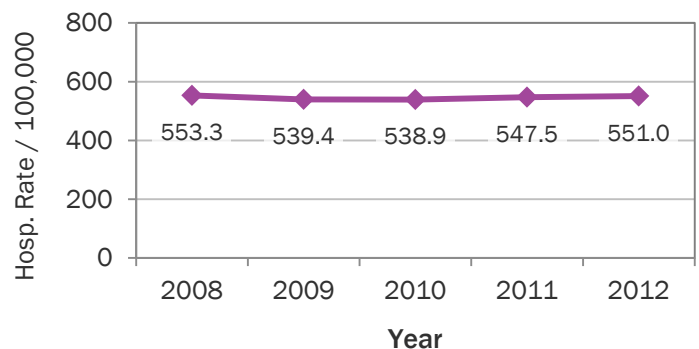# Unintentional Injuries

At A Glance

In 2012:

- Unintentional injuries, or accidents, are the leading cause of death for Florida residents ages 1–44 and the fourth leading cause of death overall.

- In 2012, 8,686 Florida residents died from unintentional injuries. There were another 104,924 hospitalizations for non-fatal unintentional injuries.

Fatal Unintentional Injuries, by Year, 2008–2012

Year	Fatality Rate / 100,000
2008	48.1
2009	46.8
2010	46.1
2011	46.4
2012	45.6
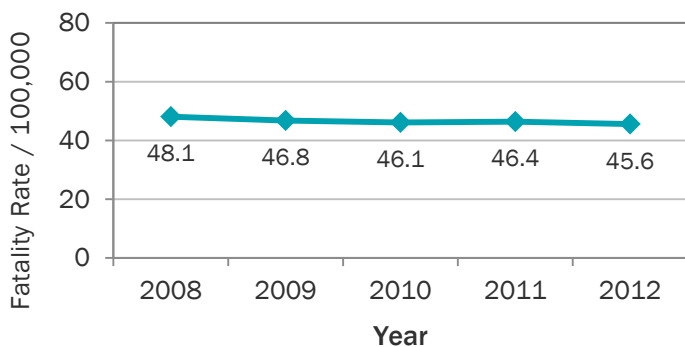
Non-Fatal Unintentional Injury Hospitalizations, by Year, 2008–2012

| Year	Hosp. Rate / 100,000
2008	553.3
2009	539.4
2010	538.9
2011	547.5
2012	551.0

Economic Impact

In 2012:

- The median admission charge for non-fatal unintentional injury hospitalizations was $42,598; total charges exceeded $6.3 billion. The median length of stay was three days.

- Medicare was the payer source for over half of these hospitalizations (55%) and commercial insurance covered 21%.

Non-Fatal Unintentional Injury Hospitalization Admission Charges and Payer Source, Florida Residents, 2012
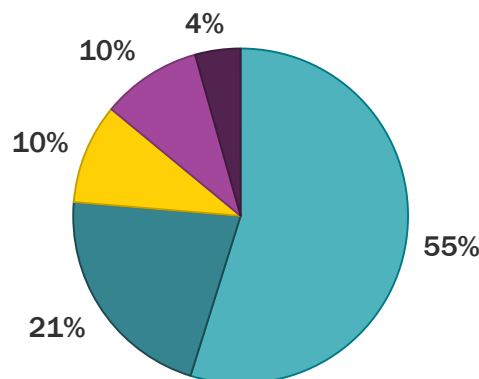
Median Admission Charge
$42,598

Total Admission Charges
> $6.3 billion

- Medicare — 55%
- Commercial Insurance — 21%
- Self-Pay/Underinsured — 10%
- Medicaid — 10%
- Other — 4%

Who Is Injured?

In 2012:

- Residents ages 85 and older had the highest rate of fatal unintentional injuries and non-fatal hospitalizations.
- The fatality rate among males of every age group was higher than among their female counterparts and 1.7 times higher overall.
- The non-fatal hospitalization rate was higher among males under age 65 than among their female counterparts, but higher among females age 65 and older than among their male counterparts.

Fatal Unintentional Injuries, by Age and Sex, Florida Residents, 2012
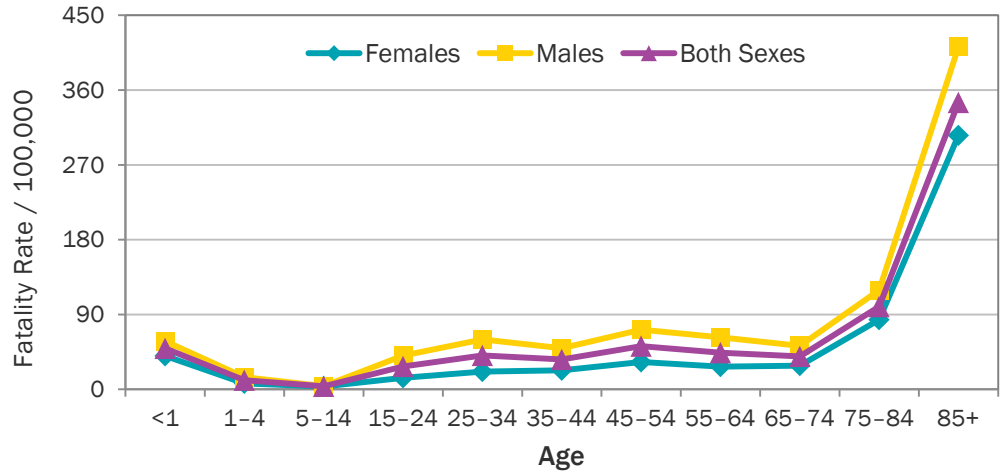
Non-Fatal Unintentional Injury Hospitalizations, by Age and Sex, Florida Residents, 2012
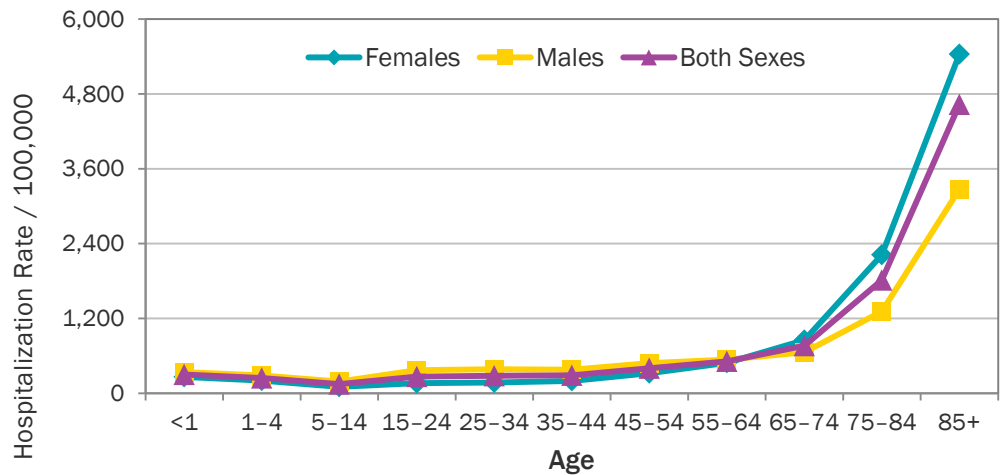
- Males accounted for 62% of unintentional injury deaths but only 46% of non-fatal hospitalizations. Females accounted for 38% of deaths and 54% of non-fatal hospitalizations.
- White residents accounted for 83% of unintentional injury deaths and non-fatal hospitalizations combined. Black residents accounted for 10%, and Other Non-White residents accounted for 7%.
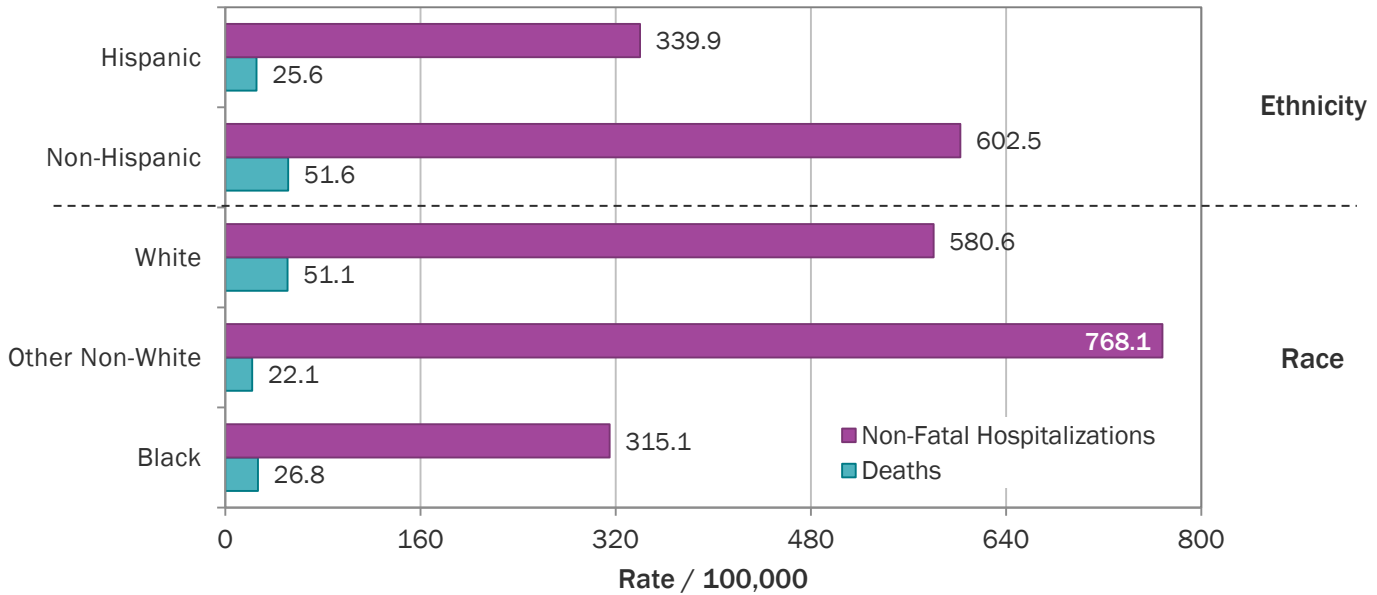
Fatal Unintentional Injuries and Non-Fatal Hospitalizations, by Sex and Race, Florida Residents, 2012

	Female	Male	White	Black	Other Non-White	Both Sexes, All Races
Deaths	3,287	5,396	7,561	843	212	8,683
Non-Fatal Hospitalizations	57,123	47,800	86,683	9,927	7,383	104,924

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

- Non-Hispanic residents had higher rates of fatal unintentional injuries and non-fatal hospitalizations than Hispanic residents.
- White residents had the highest rate of fatal unintentional injuries followed by Black and Other Non-White residents.
- Other Non-White residents had the highest rate of non-fatal unintentional injury hospitalizations followed by White residents and Black residents.

Fatal Unintentional Injuries and Non-Fatal Hospitalizations, by Hispanic Ethnicity and Race, Florida Residents, 2012
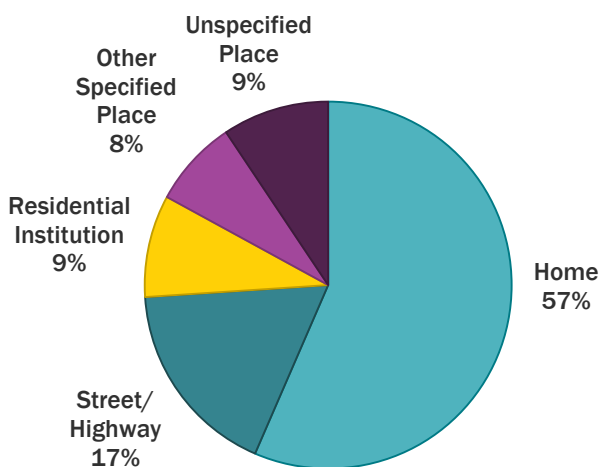
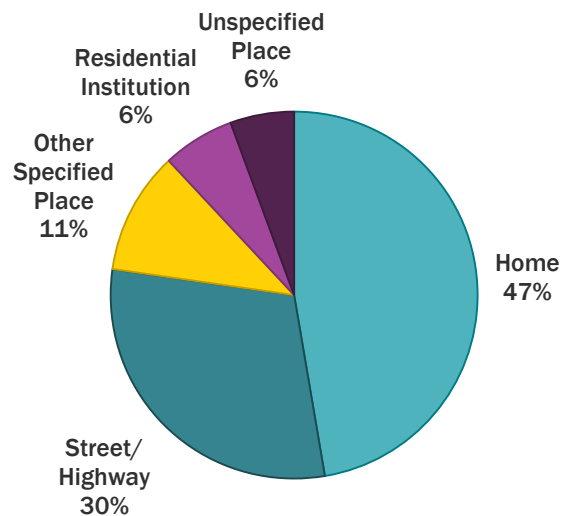| Category		Non-Fatal Hospitalizations	Deaths
Ethnicity	Hispanic	339.9	25.6
	Non-Hispanic	602.5	51.6
Race	White	580.6	51.1
	Other Non-White	768.1	22.1
	Black	315.1	26.8

Rate / 100,000

Place Of Injury Occurrence

In 2012, **when coded** (92% of fatal records, 42% of non-fatal records):

- 46% of fatal unintentional injuries and 57% of non-fatal unintentional injuries resulting in hospitalization occurred at home.
- 28% of fatal unintentional injuries and 17% of non-fatal unintentional injuries resulting in hospitalization occurred on a street or highway.

Fatal Unintentional Injuries, by Place of Occurrence, Florida Residents, 2012

- Unspecified Place 9%
- Other Specified Place 8%
- Residential Institution 9%
- Home 57%
- Street/Highway 17%

Non-Fatal Unintentional Injury Hospitalizations, by Place of Occurrence, Florida Residents, 2012

- Unspecified Place 6%
- Residential Institution 6%
- Other Specified Place 11%
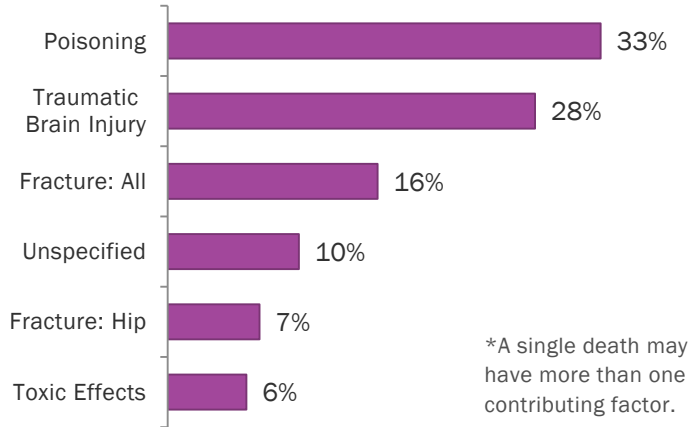- Home 47%
- Street/Highway 30%
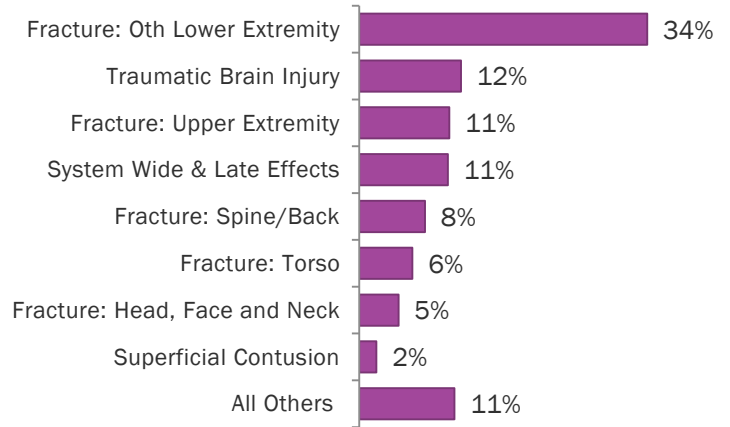
Most Common Unintentional Injuries

In 2012:

- 34% of fatal unintentional injuries were related to poisoning and 28% were related to a traumatic brain injury (TBI).

- A fracture of the lower extremity was the primary diagnosis, or principal reason, of admission for 34% of non-fatal unintentional injury hospitalizations.

### Select Immediate and Contributing Causes of Death* for Fatal Unintentional Injuries, Florida Residents, 2012

Poisoning	33%
Traumatic Brain Injury	28%
Fracture: All	16%
Unspecified	10%
Fracture: Hip	7%
Toxic Effects	6%

*A single death may have more than one contributing factor.

Primary Diagnoses for Non-Fatal Unintentional Injury Hospitalizations, Florida Residents 2012

|	
Fracture: Oth Lower Extremity	34%
Traumatic Brain Injury	12%
Fracture: Upper Extremity	11%
System Wide & Late Effects	11%
Fracture: Spine/Back	8%
Fracture: Torso	6%
Fracture: Head, Face and Neck	5%
Superficial Contusion	2%
All Others	11%

Unintentional Injury Causes

Falls, motor vehicle (MV) traffic crashes, and poisonings were the leading mechanisms, or causes, of fatal and non-fatal unintentional injuries.

Fatal Unintentional Injuries by Mechanism, Florida Residents 2012

- Other Unspecified 14%
- Drowning/submersion 4%
- Poisoning 25%
- MV Traffic 28%
- Fall 29%
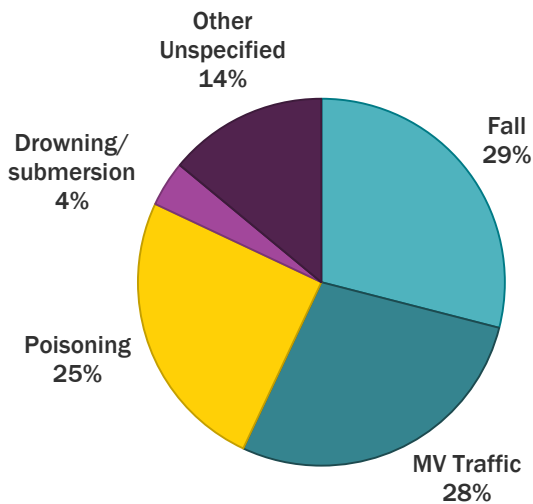
Non-Fatal Unintentional Injury Hospitalizations by Mechanism, Florida Residents 2012

- Other Unspecified 19%
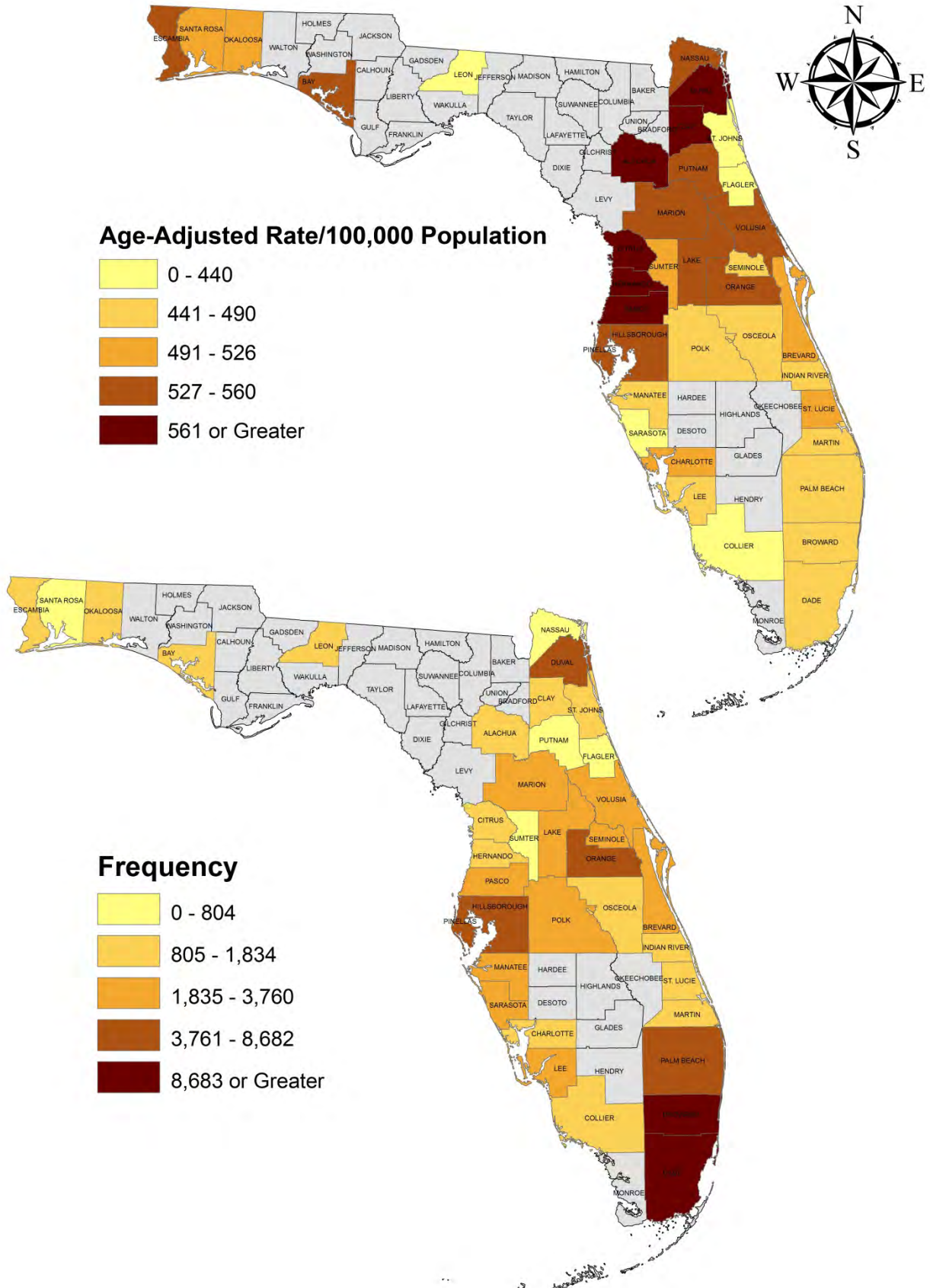- Poisoning 8%
- MV Traffic 14%
- Fall 60%
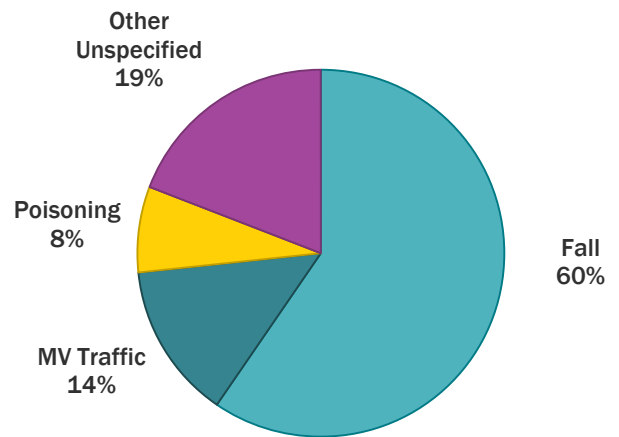
Data Sources and Case Definitions

Unintentional Injury Deaths: Florida Department of Health, Office of Vital Statistics, Death Certificates; Underlying Cause of Death ICD-10 V01–X59, Y85–Y86.

Non-Fatal Unintentional Injury Hospitalizations: Agency for Health Care Administration, Hospital Discharge Data; Records with Injury Principal Diagnosis and Unintentional External Cause of Injury Code ICD-9 CM E800–E869, E880–E929.
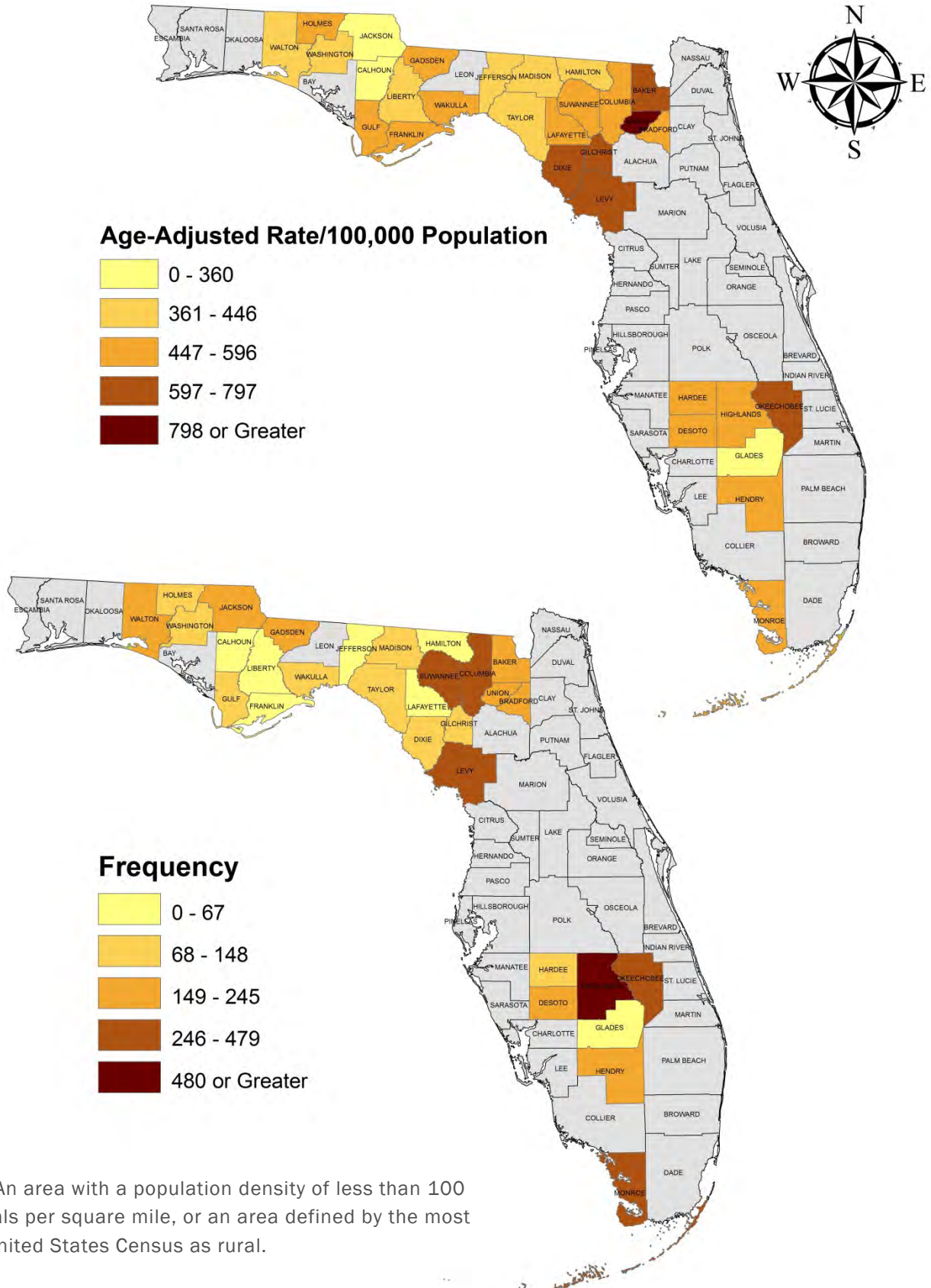
County By County Comparison: Non-Rural Counties

Unintentional Injury Deaths and Non-Fatal Hospitalizations,
Florida Residents of Non-Rural Counties, 2012

Age-Adjusted Rate/100,000 Population

- 0 - 440
- 441 - 490
- 491 - 526
- 527 - 560
- 561 or Greater

Frequency

- 0 - 804
- 805 - 1,834
- 1,835 - 3,760
- 3,761 - 8,682
- 8,683 or Greater

County By County Comparison: Rural* Counties

Unintentional Injury Deaths and Non-Fatal Hospitalizations,
Florida Residents of Rural Counties, 2012

Age-Adjusted Rate/100,000 Population

- 0 - 360
- 361 - 446
- 447 - 596
- 597 - 797
- 798 or Greater

Frequency

- 0 - 67
- 68 - 148
- 149 - 245
- 246 - 479
- 480 or Greater

***Rural** — An area with a population density of less than 100 individuals per square mile, or an area defined by the most recent United States Census as rural.