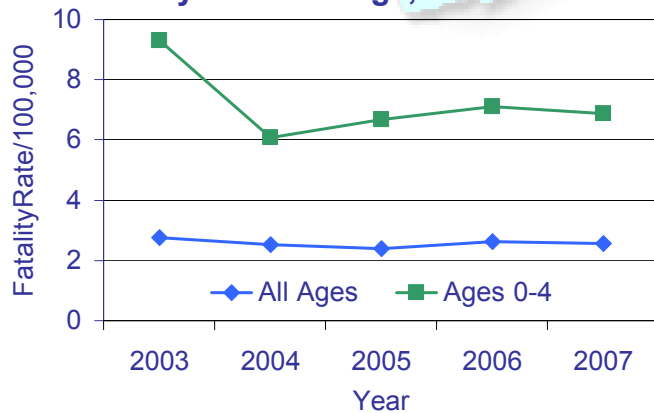




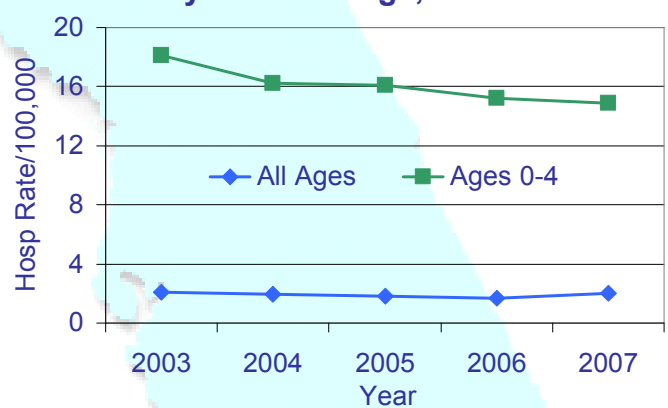
AT A GLANCE:

- Drowning is the leading cause of death among children ages 1-4 in Florida.
- Florida's drowning death rate among children under age five is the highest in the nation.
- Enough children drown each year in Florida to fill about four preschool classrooms.
- In 2007, 479 Florida residents drowned and another 374 were hospitalized for non-fatal drownings; children under five made up 16% of the deaths and 44% of the hospitalizations.

Fatal Drownings, by Year and Age, 2003-2007



Non-Fatal Drowning Hospitalizations, by Year and Age, 2003-2007



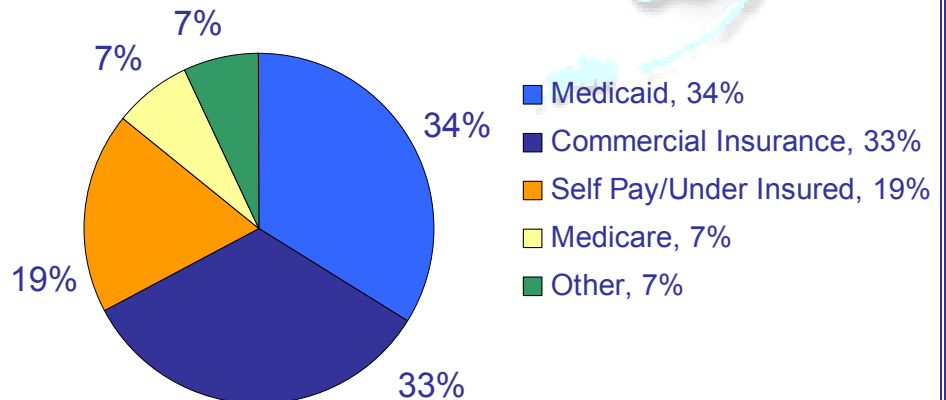
ECONOMIC IMPACT:

In 2007:

- The median admission charge for non-fatal drowning hospitalizations was \$11,598. Total charges exceeded \$21 million representing an increase from 2006 due in part to ventilator dependent cases with extended lengths of stay before being transferred to another facility.
- Medicaid was the payer source for 34% of these hospitalizations.

Non-Fatal Drowning Hospitalizations, Florida Residents, 2007

Median Admission Charge
\$11,598
Median Length of Stay
2 Days (0 Days - 737 Days)
Total Admission Charges
> \$21 million (\$852 - \$4,263,873)



Produced By:

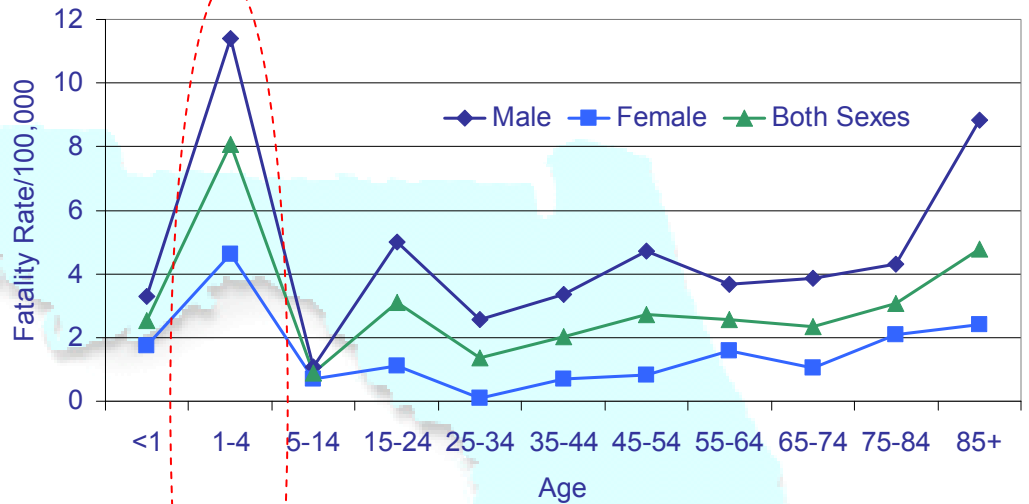
Office of Injury Prevention, 4052 Bald Cypress Way, Bin C15, Tallahassee, FL 32399
 (850) 245-4440 x2729 <http://www.doh.state.fl.us/injury> (March, 2010)

WHO IS INJURED?

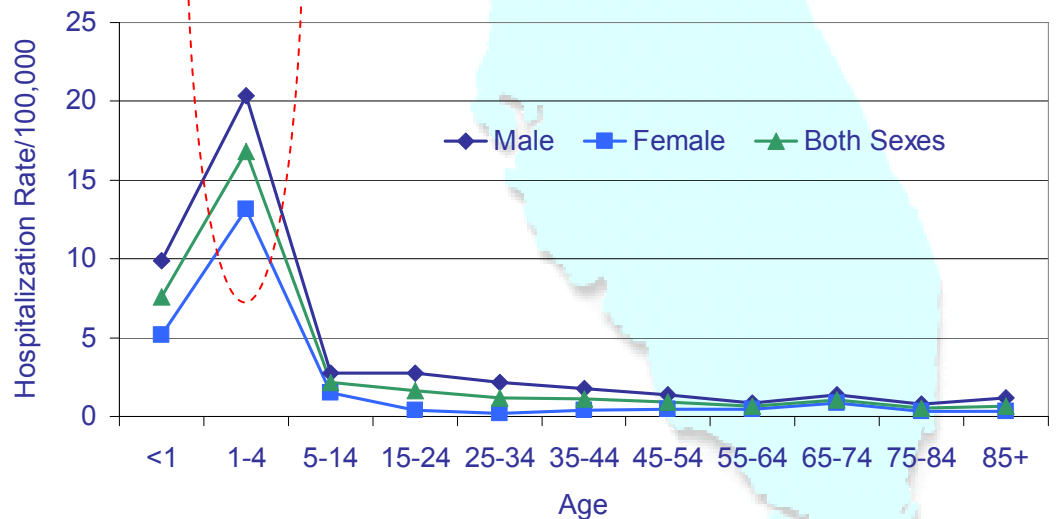
In 2007:

- Children ages 1-4 had the highest rates of drowning and non-fatal drowning hospitalization.
- The fatal drowning and non-fatal hospitalization rates among males were 3.6 and 2.7 times higher than among females, respectively.

Drownings Deaths, by Age and Sex, Florida Residents, 2007



Non-Fatal Drowning Hospitalizations, by Age and Sex, Florida Residents, 2007



- Males accounted for 74% of drowning deaths and non-fatal drowning hospitalizations combined while females accounted for only 26%.
- Whites accounted for 77% of drowning deaths and non-fatal drowning hospitalizations combined, Blacks accounted for 16%, and Other Non-Whites accounted for 5%.

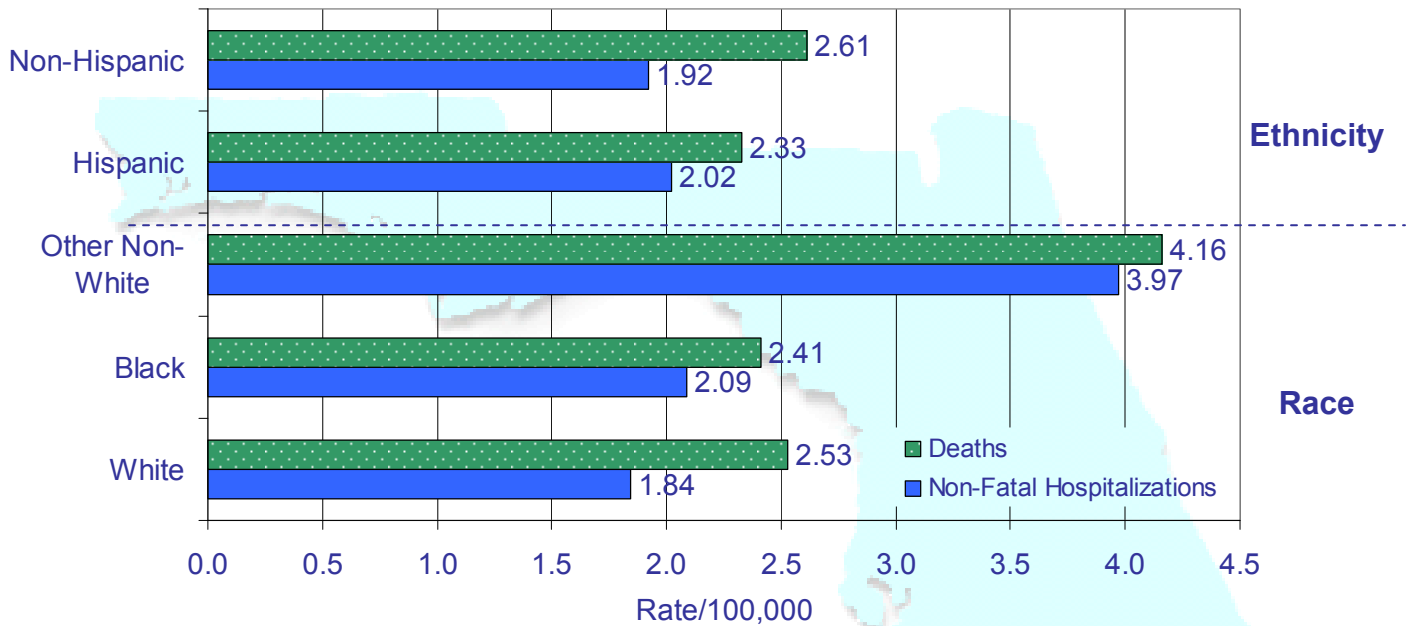
Drowning Deaths and Non-Fatal Hospitalizations, by Sex and Race, Florida Residents, 2007

	Male	Female	White	Black	Other Non-White	Both Sexes, All Races
Deaths	367	112	382	75	22	479
Non-Fatal Hospitalizations	261	113	278	65	21	374

In 2007:

- The fatal drowning and non-fatal hospitalization rates among Hispanic and Non-Hispanic residents were very similar.
- Other Non-White residents had the highest fatal drowning and non-fatal hospitalization rates, while the rates among Black and White residents were quite similar.

Drowning Deaths and Non-Fatal Hospitalizations, by Hispanic Ethnicity and Race ,Florida Residents, 2007



LOCATION OF FATAL DROWNINGS:

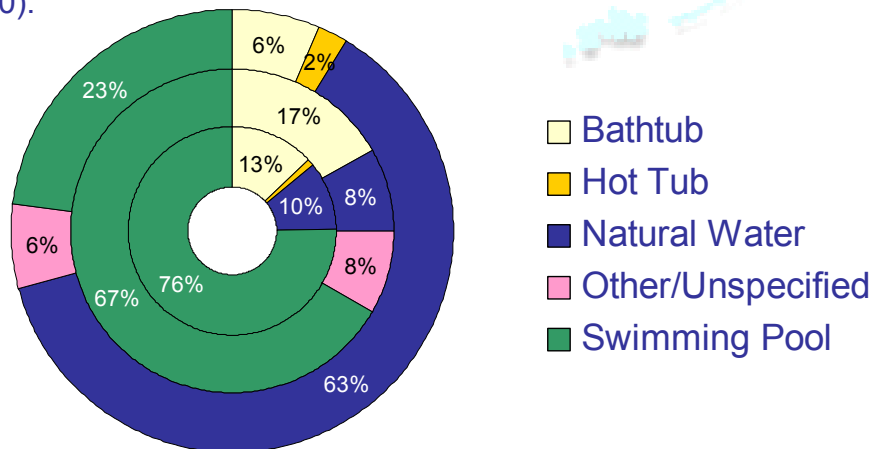
- Florida residents under the age of 10 are most likely to drown in a swimming pool.
- Florida residents ages 10 and older are most likely to drown in natural bodies of water.

In 2007:

- 76% of drowning victims under age five drowned in a swimming pool (58), 13% in a bathtub (10) and 10% in a natural body of water (8).
- 67% of drowning victims ages five to nine drowned in a swimming pool (8), 17% in a bathtub (2) and 8% in a natural body of water (1).
- 63% of drowning victims ages ten and older drowned in a natural body of water (242) and 23% in a swimming pool (90).

Drowning Deaths, By Age and Place, Florida Residents, 2007

Inner Ring: Ages 0-4
 Middle Ring: Ages 5-9
 Outer Ring: Ages 10+



WHEN DO DROWNINGS OCCUR?

- In Florida, drownings happen year round; however, most fatal and non-fatal drownings occur during the spring and summer.

In 2007:

- The majority (67%) of drowning deaths and non-fatal hospitalizations occurred during the months of April through September.

JANUARY ●-----	FEBRUARY -----16%-----	MARCH -----●
APRIL ●-----	MAY -----32%-----	JUNE -----●
JULY ●-----	AUGUST -----35%-----	SEPTEMBER -----●
OCTOBER ●-----	NOVEMBER -----16%-----	DECEMBER -----●



INTENT OF DROWNINGS:

In 2007:

- 90% of drowning deaths and non-fatal hospitalizations combined were unintentional, 5% were suicides or suicide attempts, 4% were undetermined and 0.7% were assaults.

Unintentional drowning does not mean unpreventable drowning. According to the 2008 Florida Child Abuse Death Review Report, the leading cause of child abuse deaths in Florida is drowning. The State Committee reviewed 45 child neglect cases involving drowning. Inadequate supervision was cited in each.

PREVENTION TIPS AND RESOURCES:

- “Keep Your Eyes On The Kids.” Never leave a child unsupervised in or around water, not even for a second.
- Install four-sided isolation fencing with a self-closing and self-latching gate around pools and spas.
- Install alarms on all doors and windows leading to the pool.
- Learn to swim and never swim alone or while under the influence of drugs or alcohol.
- Always wear a U.S. Coast Guard approved personal flotation device (PFD) while participating in open water sports and recreation.
- Operate watercraft safely and legally.
- Never dive into water less than nine feet deep. If you don’t know, don’t dive.
- Learn Cardiopulmonary Resuscitation (CPR).
- Centers for Disease Control and Prevention, Water-Related Injuries <http://www.cdc.gov/HomeandRecreationalSafety/Water-Safety/index.html>
- National Drowning Prevention Alliance <http://www.ndpa.org/home/index.htm>

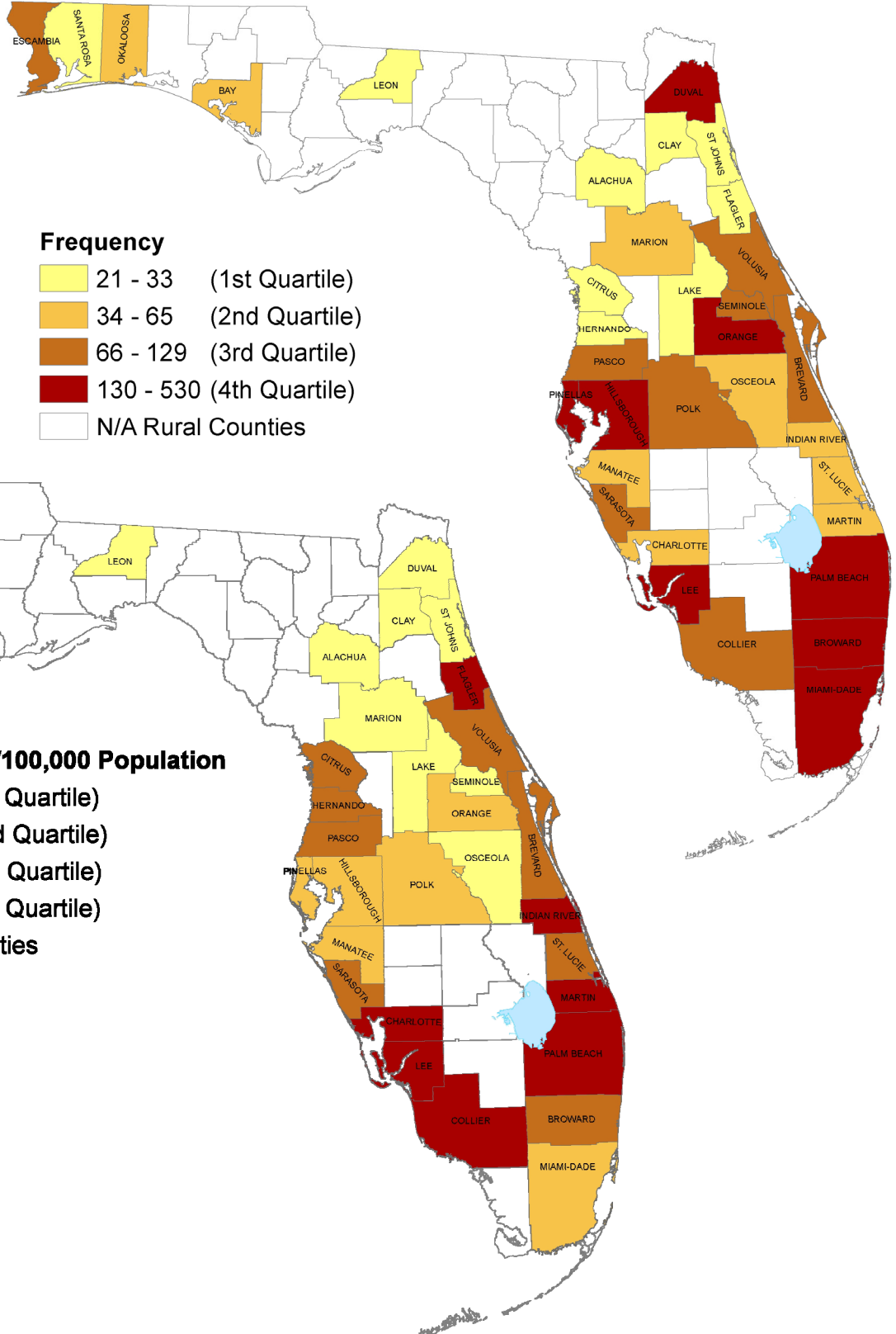
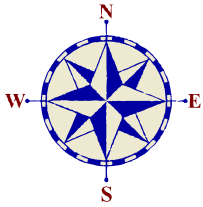
DATA SOURCES AND CASE DEFINITIONS:

Drowning Deaths: Florida Department of Health, Office of Vital Statistics, Death Certificates; Underlying Cause of Death ICD-10 W65-W74, X71, X92, Y21, V90, V92

Non-Fatal Drowning Hospitalizations: Agency for Health Care Administration, Hospital Discharge Data; Records with Injury Principal Diagnosis and Drowning External Cause of Injury Code ICD-9 CM E830, E832, E910, E954, E964, E984; or Any Drowning Diagnosis ICD-9 CM 994.1

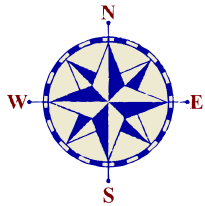
COUNTY BY COUNTY COMPARISON: NON-RURAL COUNTIES

Drowning Deaths and Non-Fatal Hospitalizations,
Florida Residents of Non-Rural Counties, 2003-2007

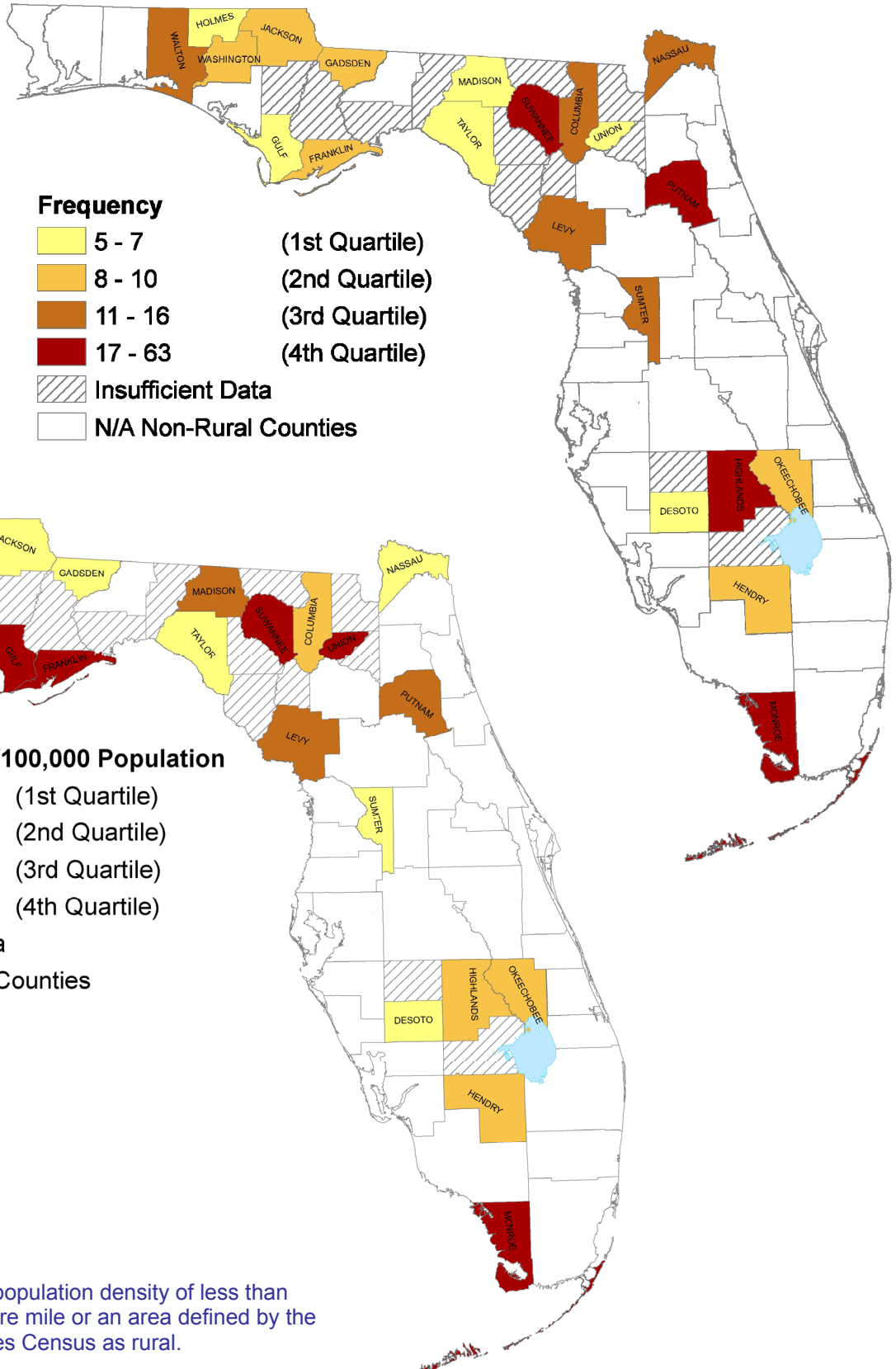
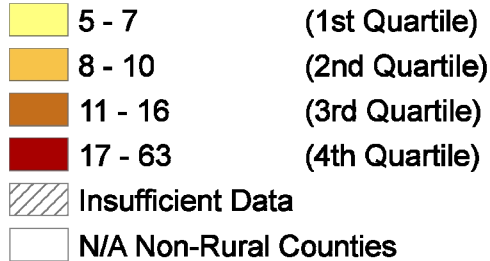


COUNTY BY COUNTY COMPARISON: RURAL* COUNTIES

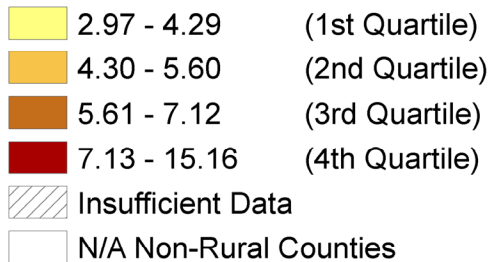
Drowning Deaths and Non-Fatal Hospitalizations,
Florida Residents of Rural Counties, 2003-2007



Frequency



Age-Adjusted Rate/100,000 Population



*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.