

# CHRONIC DISEASE

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Data Source: DOH Florida CHARTS, Robert Wood Johnson County Health Rankings, BRFSS

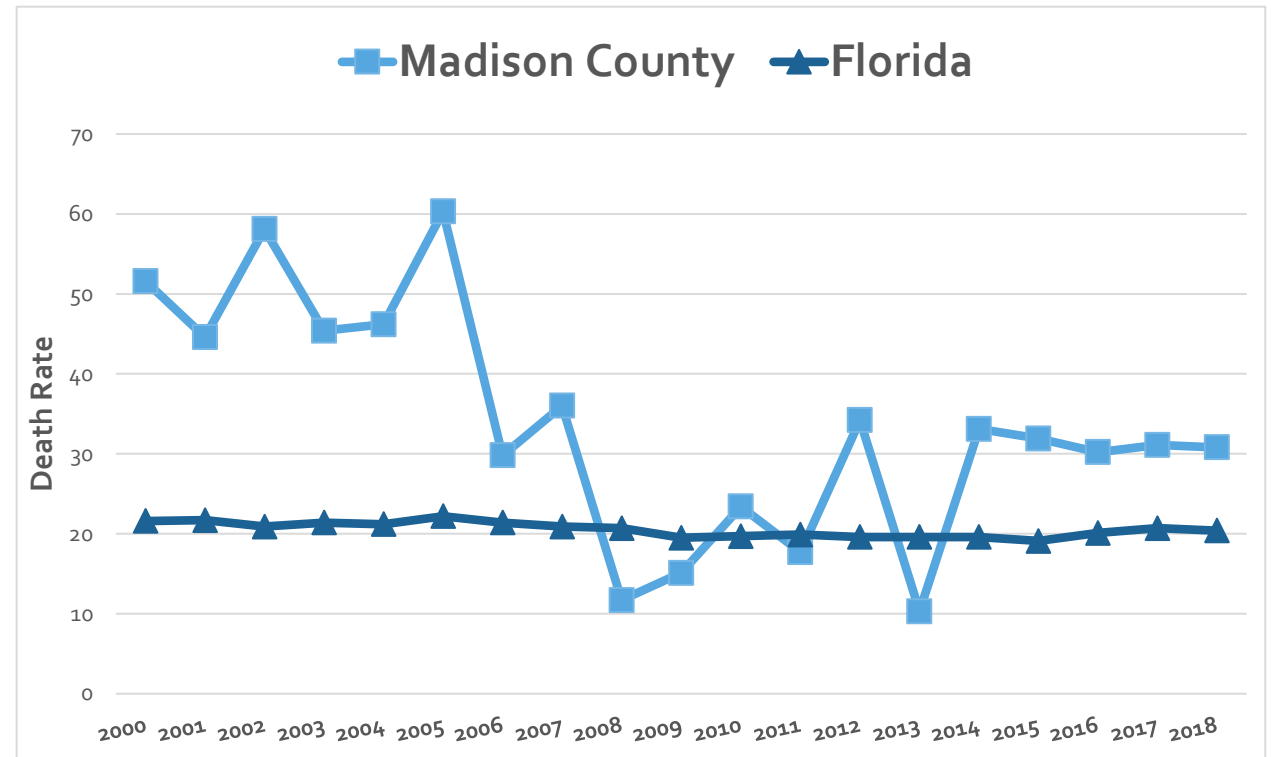
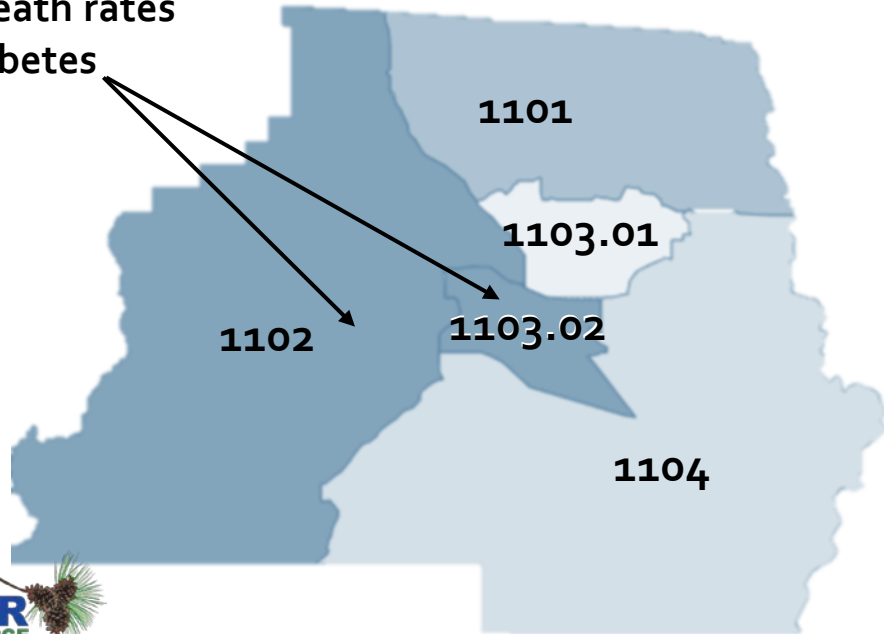
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Presented by: Dr. Daniel Perkins, Chief Medical Officer, Madison County Memorial Hospital

# Death Rates Due to Diabetes, 2000 – 2018 Madison County and Florida

- Madison County death rates have remained above the state since 2014
- 2014-2018 diabetes death data by race/ethnicity and gender
  - 54% of deaths were White, non-Hispanic, 43% were Black, non-Hispanic and 3% were Hispanic
  - 65% of deaths were male and 35% were female

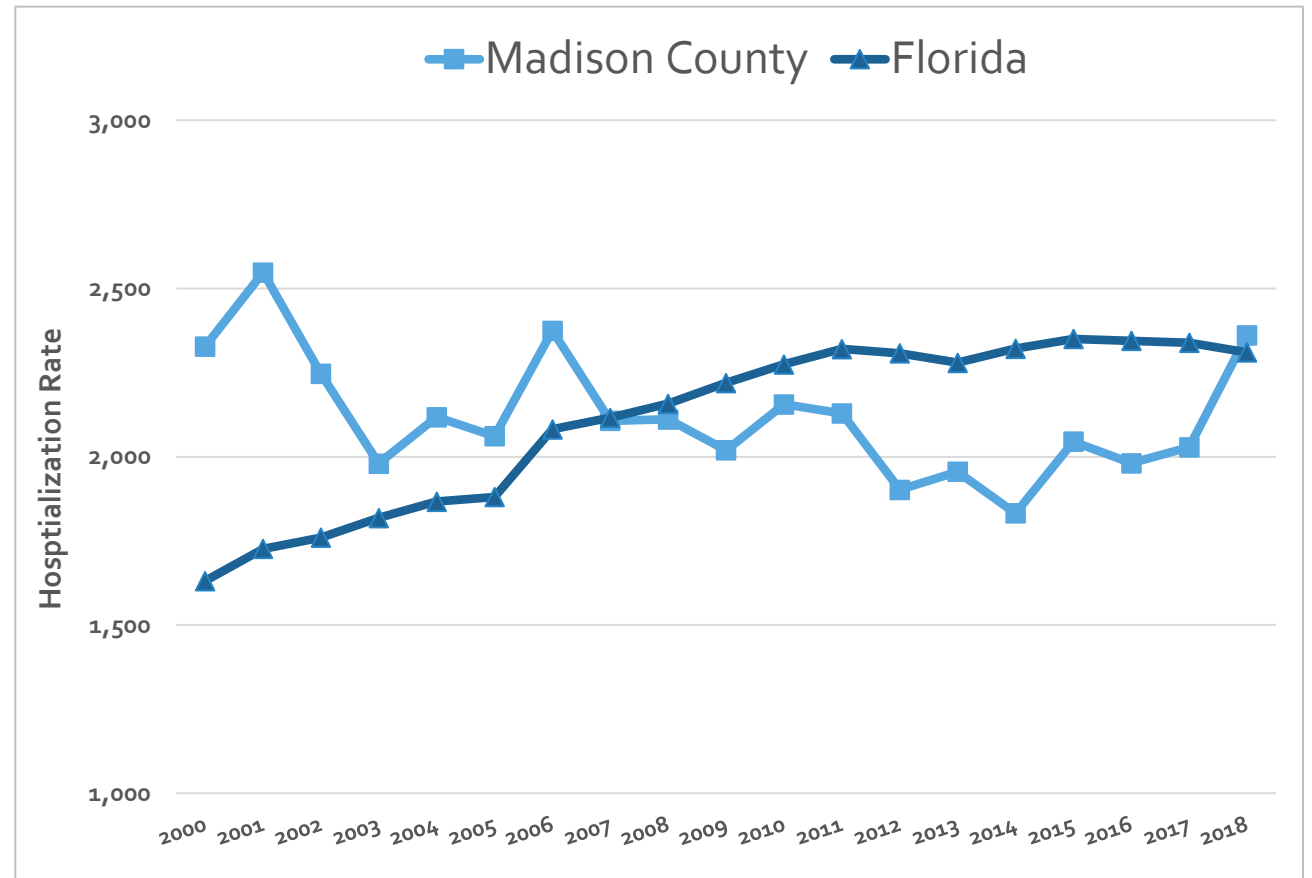
Diabetes Death Rates by Census Tract  
2014-2018

Highest death rates  
due to diabetes



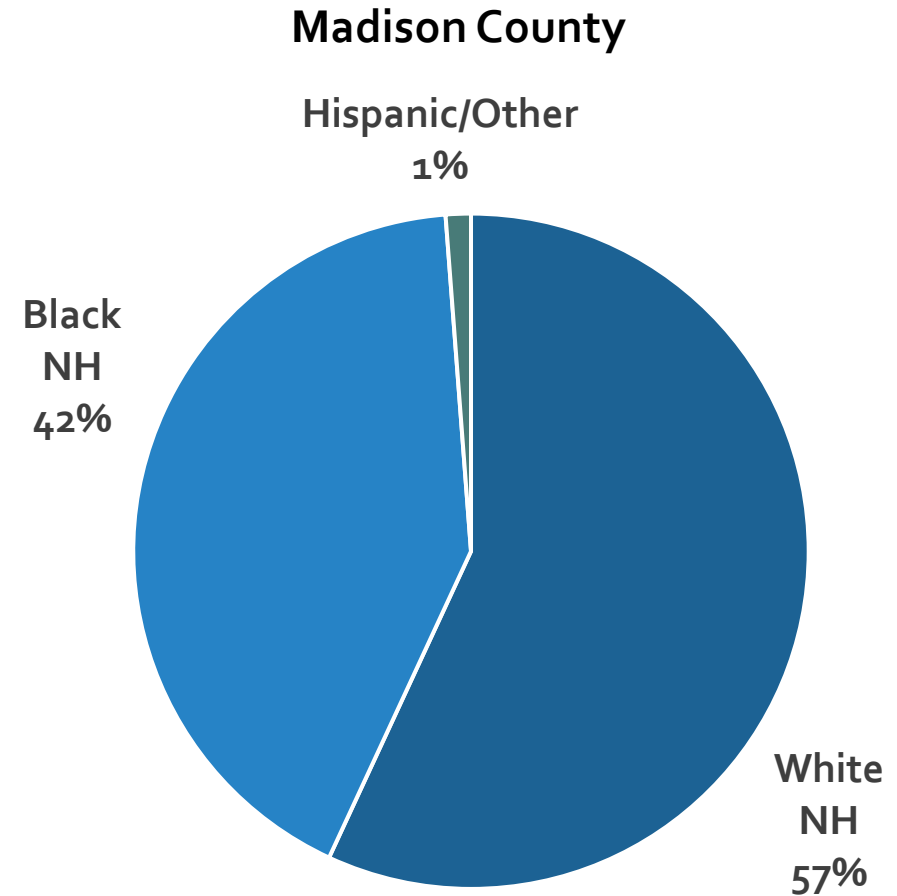
# Hospitalization Rates Due to Diabetes (2000 – 2018) Madison County and Florida

- Diabetes hospitalization rates in Madison County were lower than the state from 2008-2017
- Madison residents may also be seeking hospital care in Georgia, which would account for lower hospitalization rates and higher death rates than the state



# Hospitalization Rates Due to Diabetes by Race/Ethnicity (2014 – 2018)

- The majority of hospitalizations occurred in white, non-Hispanics during the time frame.
- This may indicate an access to care issue for racial/ethnic minorities.
- Data not available by gender



# Risk Factors for Diabetes, Madison County and Florida

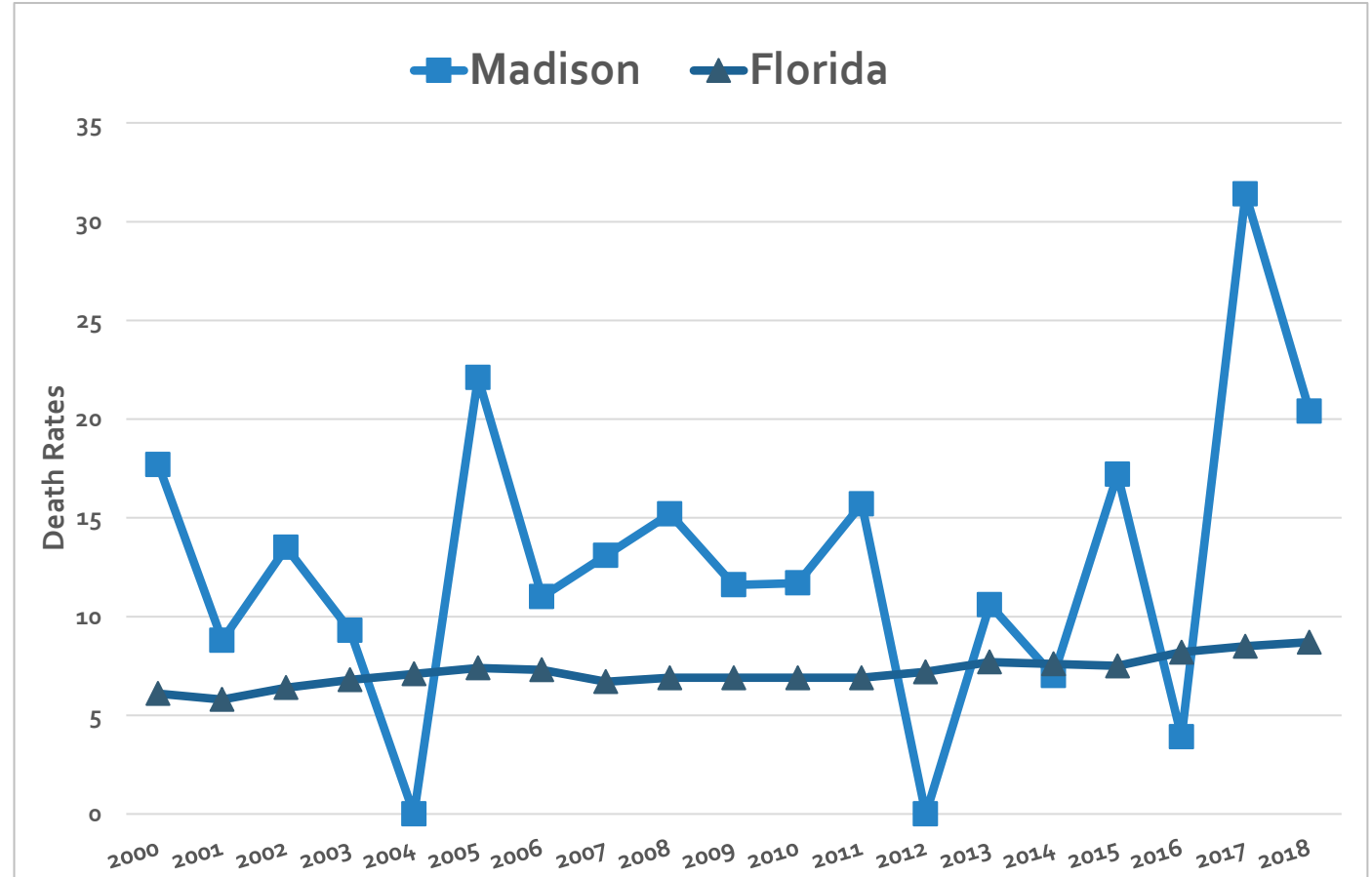
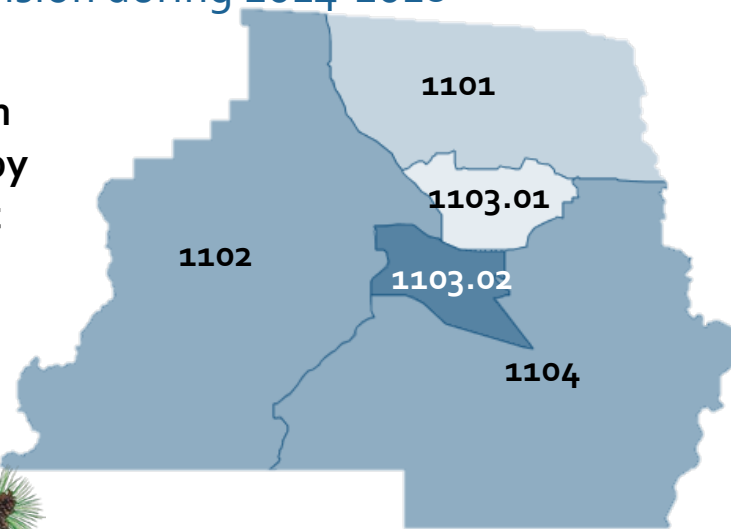
Risk Factors	Madison County	Florida
Diabetic	17%	11%
Adult Obesity	34%	27%
Physically inactive	31%	23%
Access to exercise opportunities	50%	88%
Limited access to healthy foods	10%	7%
Food insecurity	23%	14%

# Death Rates Due to Hypertension, 2000-2018 Madison County and Florida

## Madison Data 2014-2018

- 43% of hypertension deaths were male and 57% were female
- 43% of hypertension deaths were White, non-Hispanic and 57% were Black, non-Hispanic
- There were no Hispanic deaths due to hypertension during 2014-2018

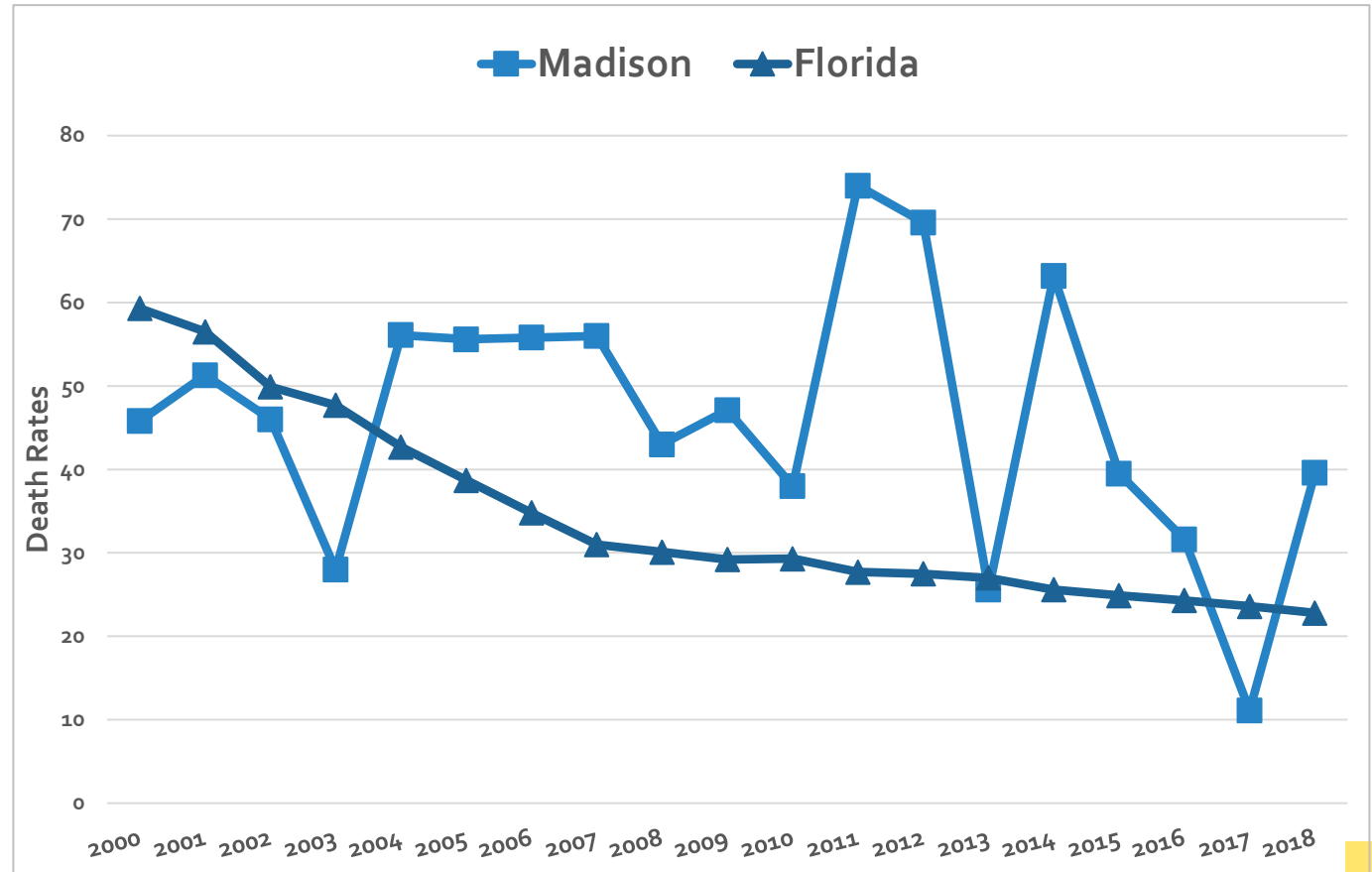
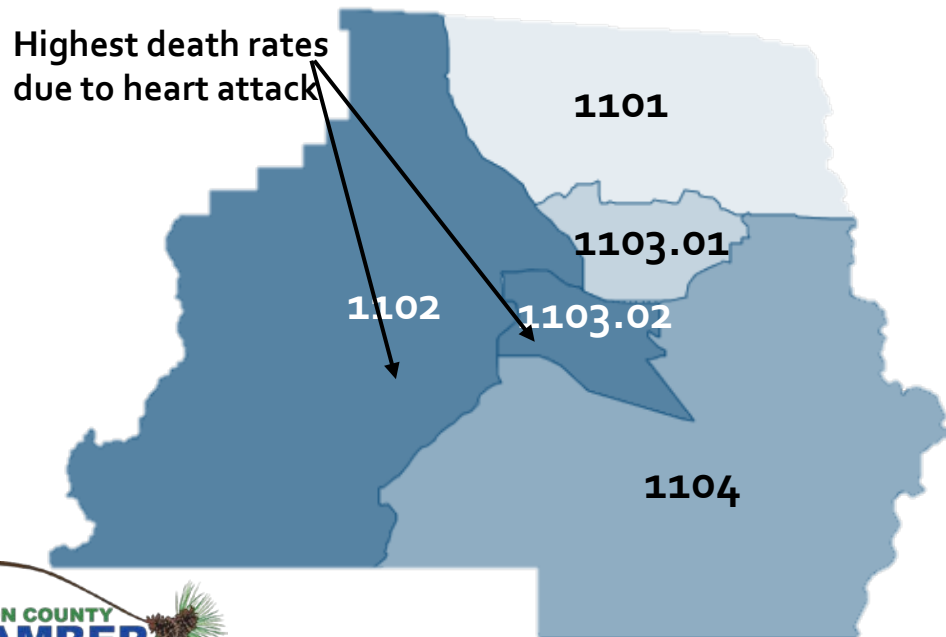
Hypertension  
Death Rates by  
Census Tract  
2014-2018



# Deaths Rates Due to Heart Attack, 2000-2018 Madison County and Florida

- During 2014-2018, more females (55%) died due to heart attack than males (45%)
- 74% of heart attack deaths were White, non-Hispanic, 43% were Black, non-Hispanic and 0% were Hispanic

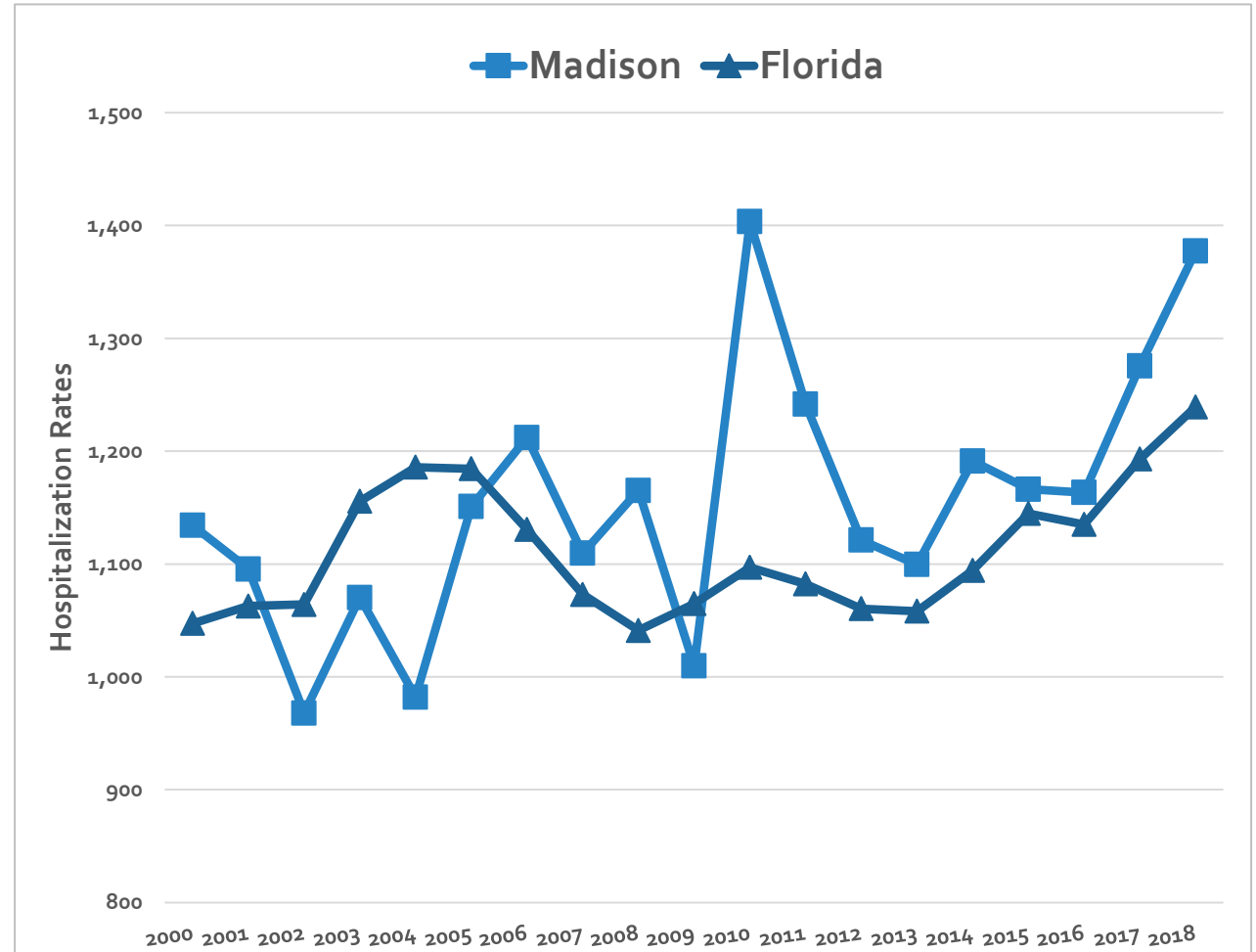
Heart Attack Death Rates by Census Tract 2014-2018



# Hospitalizations Due to Congestive Heart Failure 2000-2018, Madison County and Florida

## Madison County Data 2014-2018

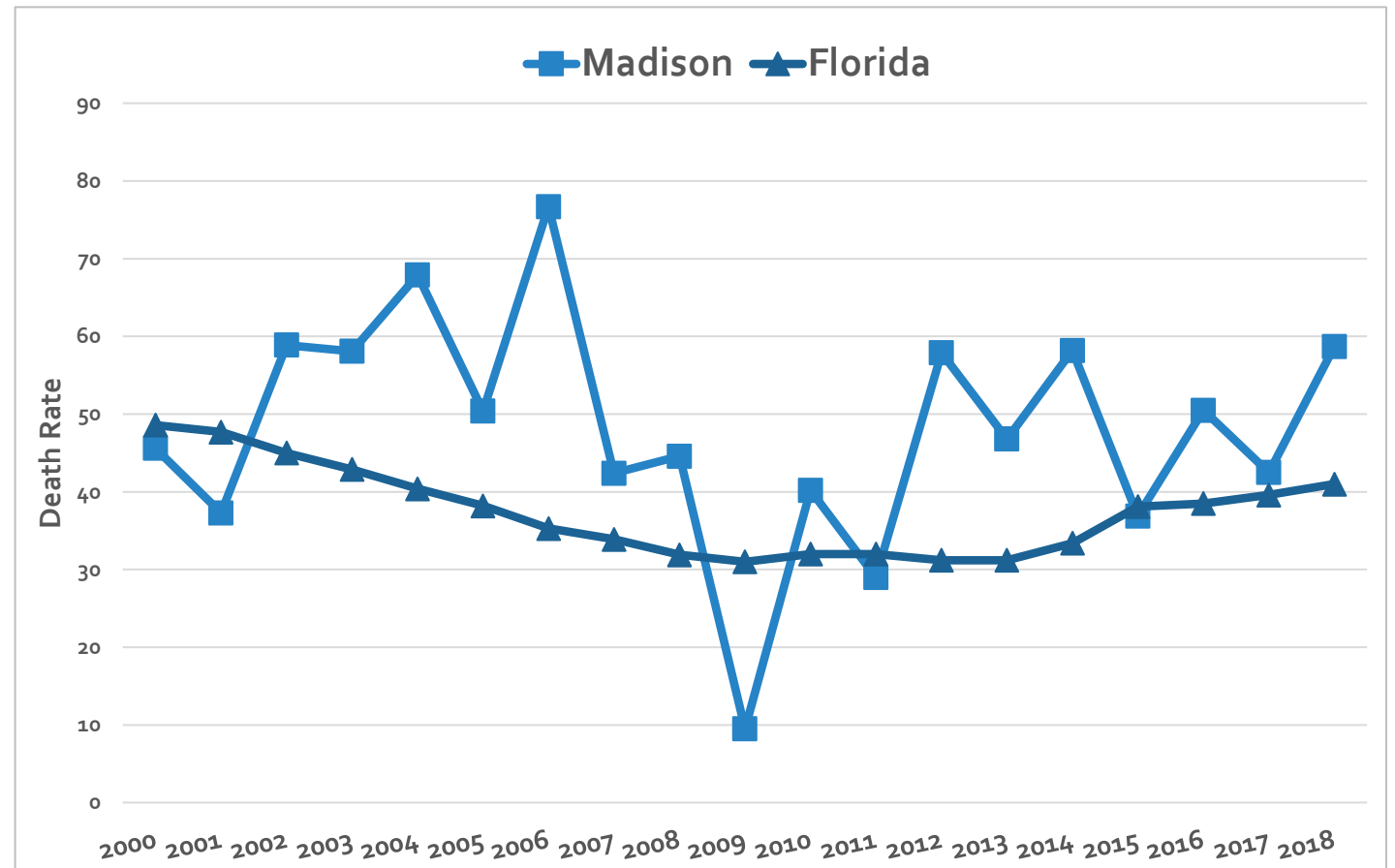
- 62% of congestive heart failure hospitalizations were White, non-Hispanic and 37% were Black, non-Hispanic
- There were 14 Hispanic hospitalizations or 1% of the total
- Data are not available by gender





# Death Rates Due to Stroke, 2000-2018 Madison County and Florida

- The Madison County death rate due to strokes has been higher than the state since 2011
- The 2018 death rate per 100,000 population was 58.7, compared to 41.0 for Florida

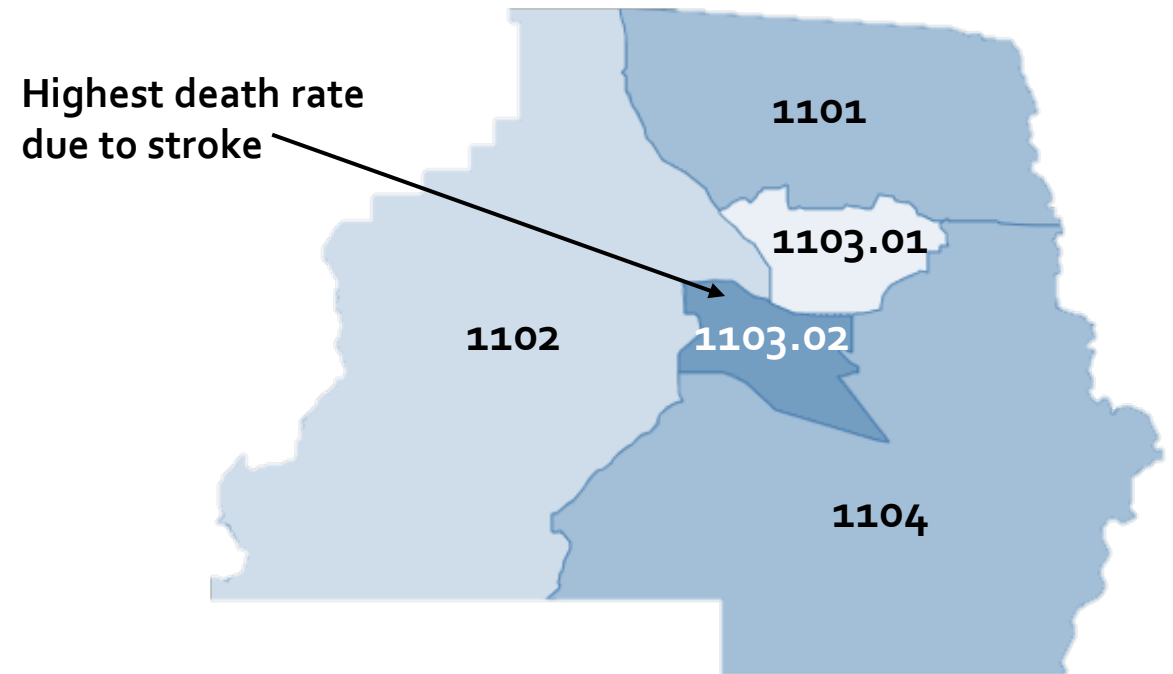


# Death Rates Due to Stroke, by Census Tract, Madison County

## Madison Data 2014-2018

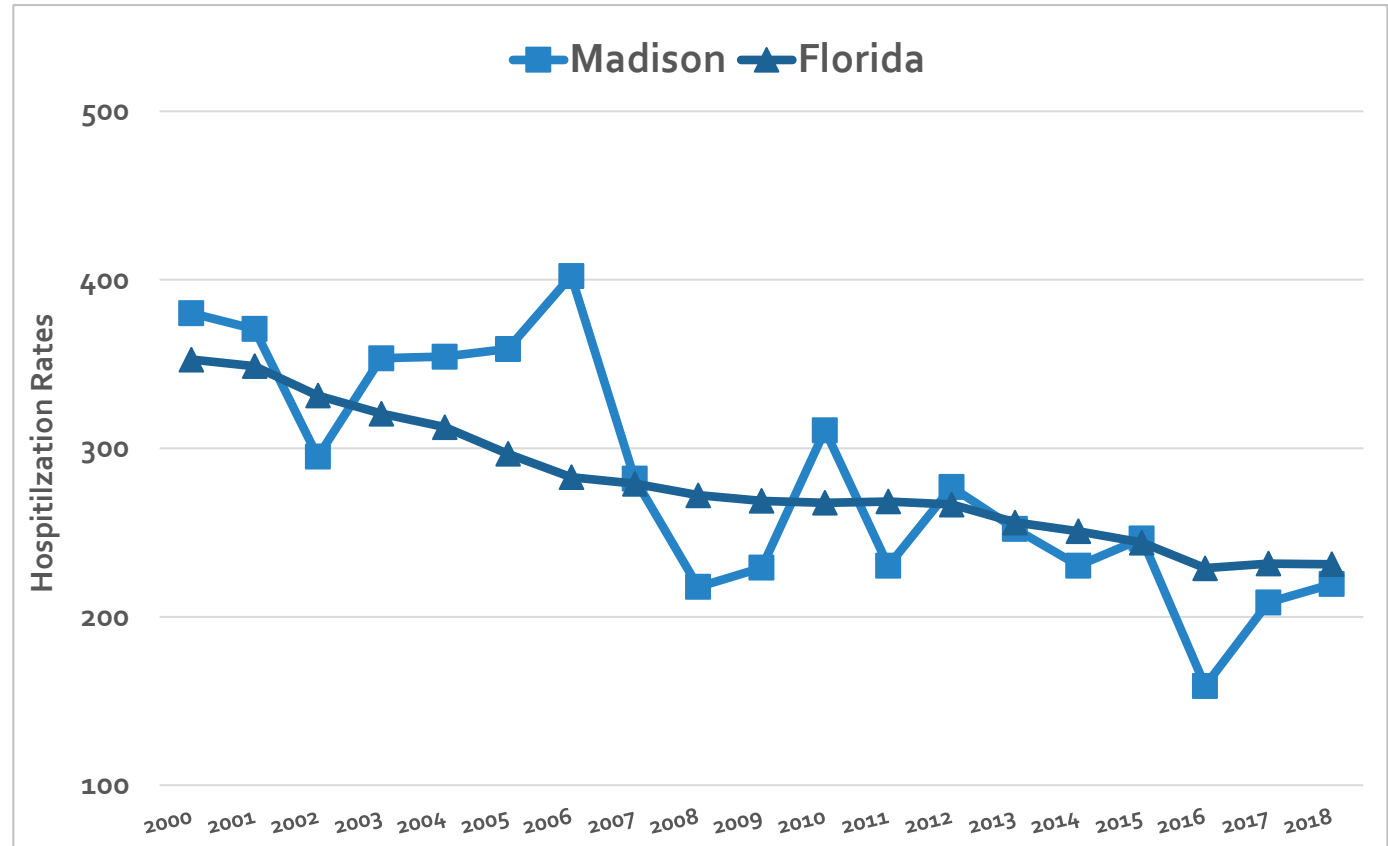
- More females (58%) died due to stroke than males (42%) during this time period
- 55% of stroke deaths were White, non-Hispanic, 41% were Black, non-Hispanic and 4% were Hispanic

Stroke Deaths by Census Tract 2014-2018



# Hospitalization Rates Due to Stroke 2000 – 2018, Madison County and Florida

- Hospitalizations due to stroke increased in 2018
- The 2018 rate for Madison was lower (219.4 per 100,000 population), compared to Florida (231.2)
- The 2018 hospitalization rate for non-white persons was 223.5, compared to 199.5 for whites

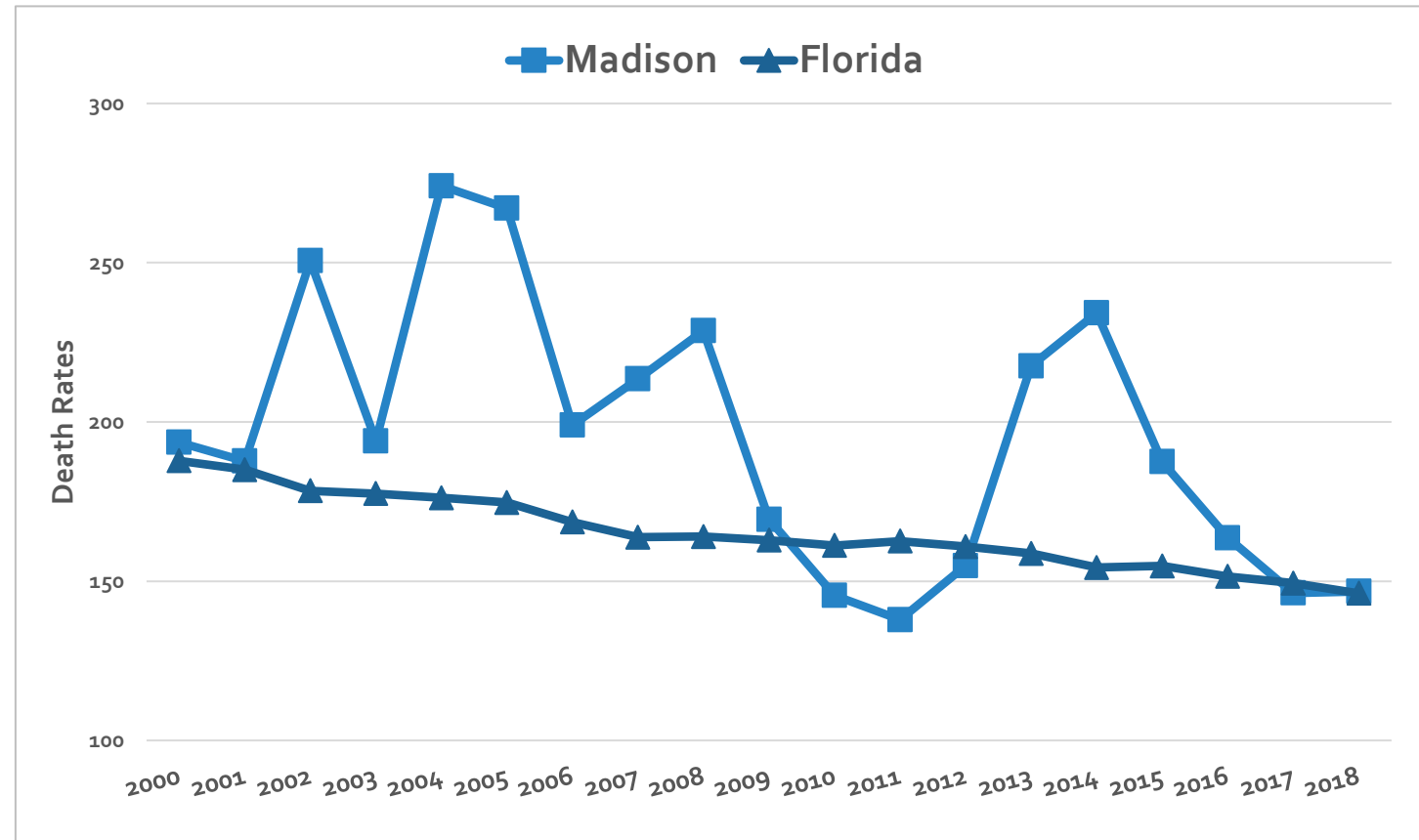


# Risk Factors for Cardiovascular Disease and Stroke (2019 RWJ and 2016 BRFSS)

Indicator	Madison County	Florida
Adult smokers (2019 RWJ)	19%	15%
Ever had a stroke (2016 BRFSS)	7.7%	3.5%
Ever had coronary heart disease (2016 BRFSS)	5.5%	4.7%
Ever had a heart attack (2016 BRFSS)	6.0%	5.2%
Inactive or insufficiently active adults (2016 BRFSS)	57.8%	56.7%

# Cancer Death Rates (2000 – 2018) Madison County and Florida

- Death rates due to all cancers have been higher in Madison County than Florida since 2013
- Cancer death rates remained almost the same at 146.3 per 100,000 population in 2017 to 146.8 in 2018. Florida's rates were 149.4 in 2017 and 146.2 in 2018



# Cancer Deaths by Type of Cancer (2017 and 2018), Madison County

Type of Cancer	2017 Deaths	2018 Deaths
Bladder	0	1
Brain/Central Nervous System	1	1
Colorectal	3	3
Esophageal	1	3
Hodgkin's Disease	0	1
Benign Neoplasm/Uncertain/Unknown	2	0
Kidney and Renal Pelvis	0	1
Leukemia	2	2
Liver	3	0
Lung	7	12
Lymphoid/Hematopoietic and Related Tissue	3	5

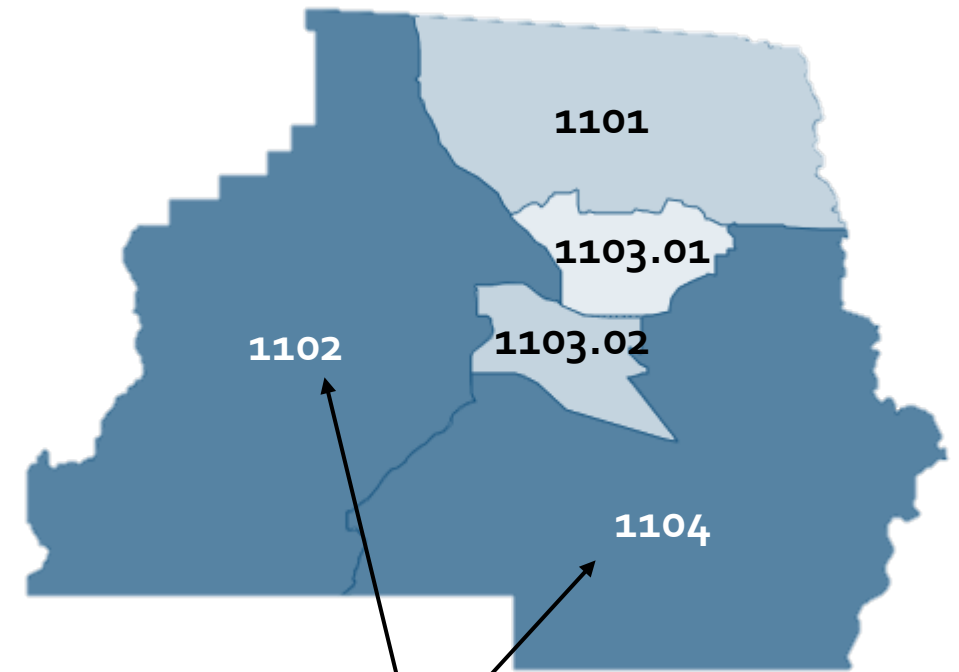
# Cancer Deaths by Type of Cancer (2017 and 2018), Madison County (cont'd)

Type of Cancer	2017 Deaths	2018 Deaths
Melanoma	1	0
Non-Hodgkin's Lymphoma	0	2
Oral	1	0
Pancreatic	1	2
Prostate	6	2
Stomach	3	1
Uterine	0	0
Breast	2	1
Cervical	0	0
Ovarian	0	1

# Cancer Death Rates by Census Tract Madison County

- For Madison County cancer deaths between 2014-2018, 61% were male and 39% were female
- Madison County 2014-2018 cancer deaths by race/ethnicity were 70% White, non-Hispanic, 28% Black, non-Hispanic and 2% Hispanic

Cancer Deaths by Census Tract  
2014-2018

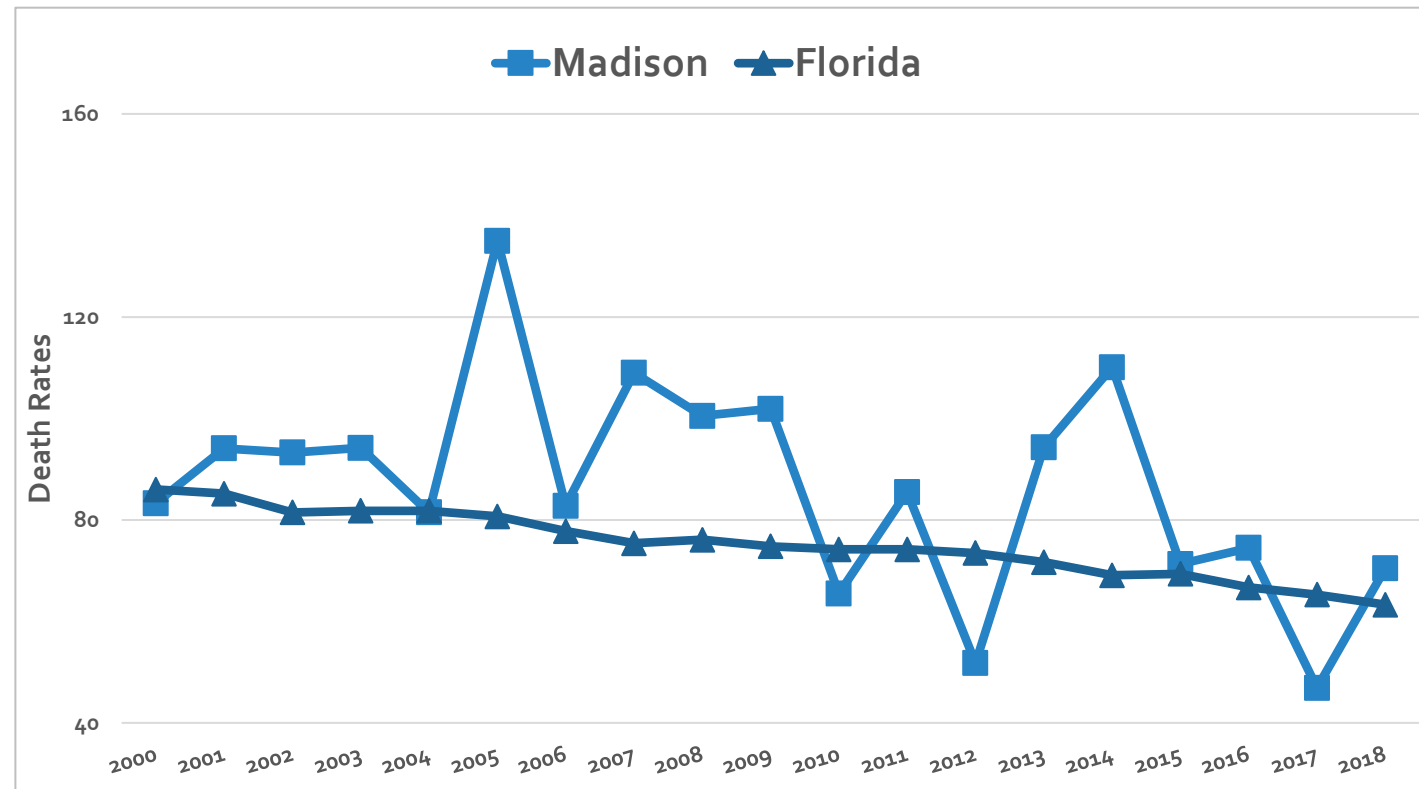


Highest death rates  
due to cancer



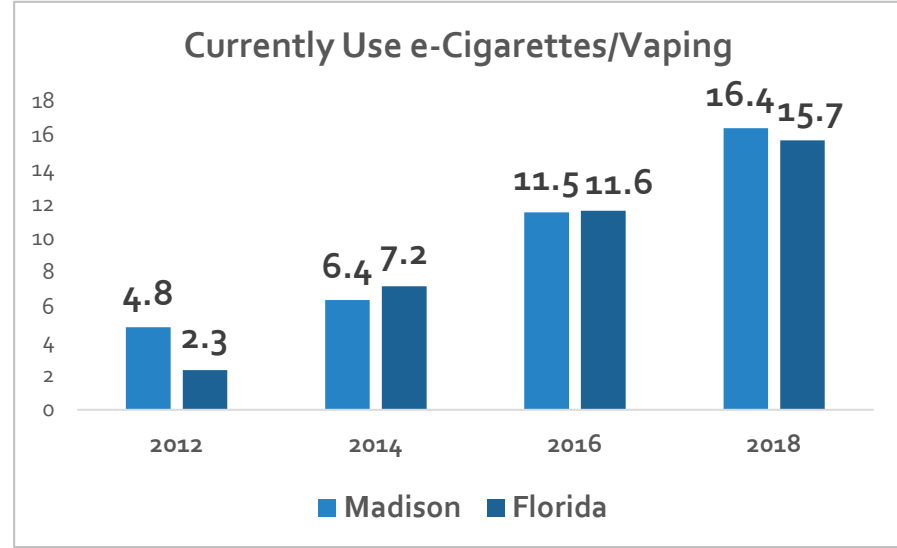
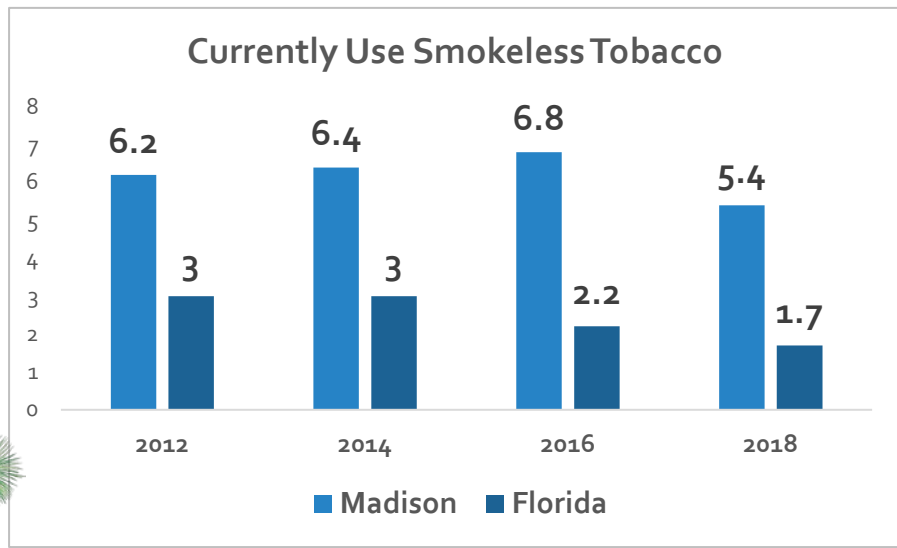
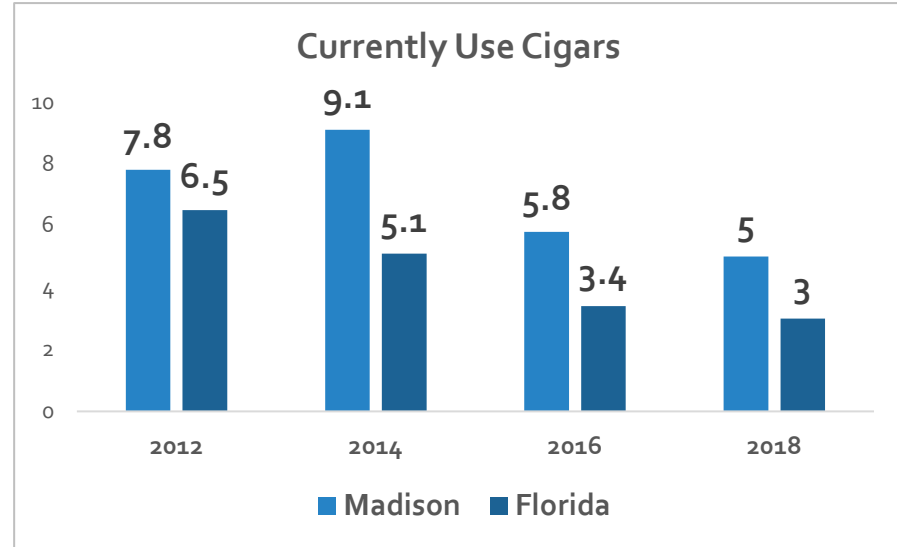
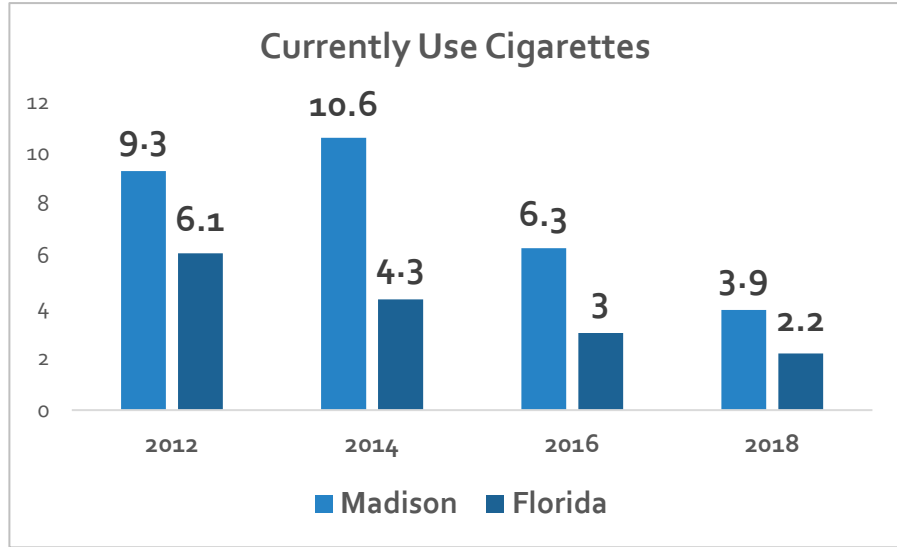
# Tobacco-Related Cancer Death Rates (2000 – 2018), Madison County and Florida

- The 2018 death rate due to tobacco-related cancers - 70.5 was higher than the state at 63.3
- The death rate for non-white persons increased from 29.9 per 100,000 in 2017 to 33.6 in 2018. Death rates for whites increased from 50.2 to 87.6
- Data not available by gender



Tobacco related cancers include: Acute myeloblastic leukemia, bladder, bronchus, cervix, esophagus, kidney, lip, lung, oral cavity, pancreas, pharynx, stomach, and trachea

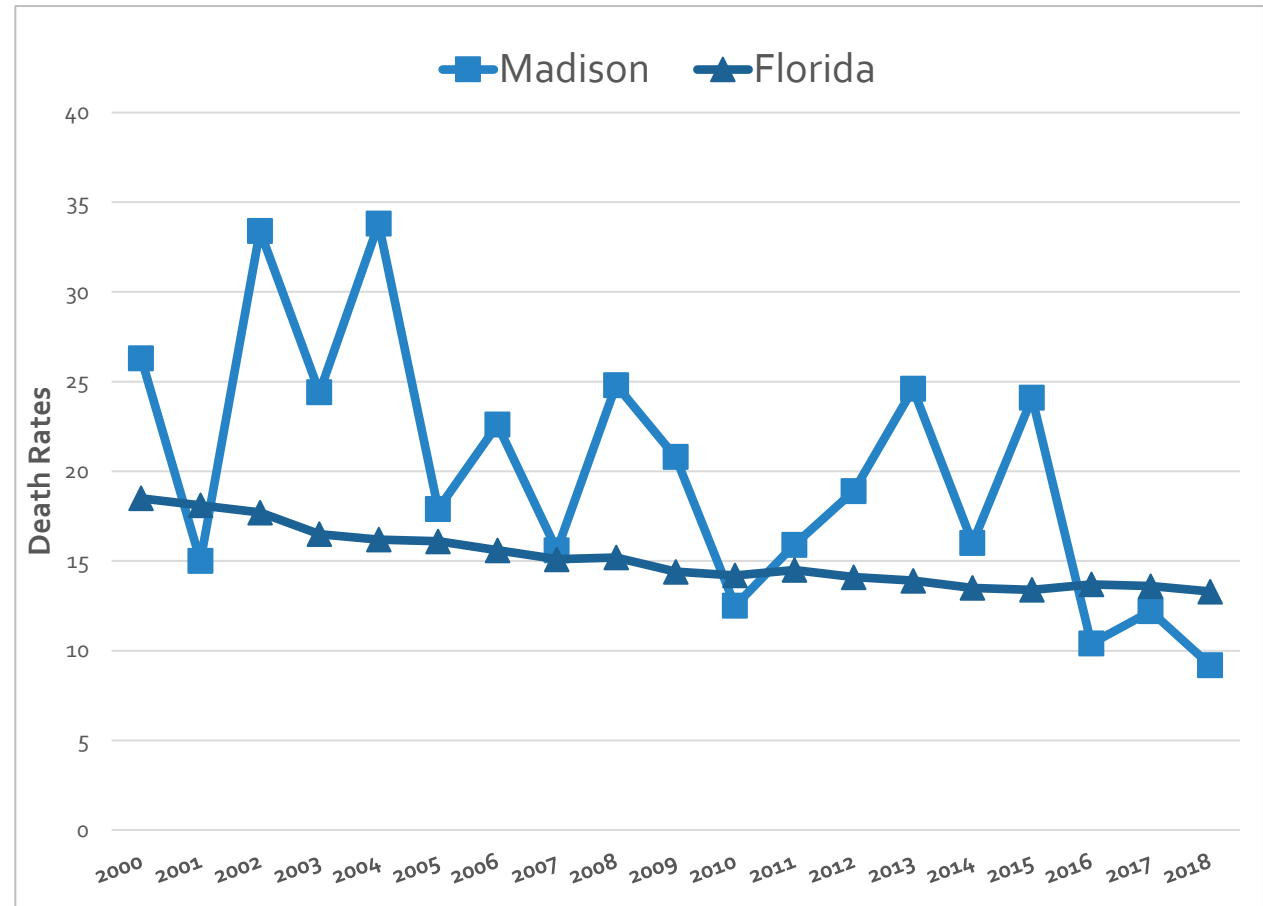
# Tobacco Use – Youth Tobacco Survey



# Colorectal Cancer Death Rates (2000 – 2018), Madison County and Florida

## Madison Data 2014-2018

- Total of 19 deaths due to colorectal cancer
- 12, or 63% were White, non-Hispanic and 7, or 37% were Black, non-Hispanic
- 8, or 42% were Male and 11, or 58% were Female
- There were no Hispanic deaths during the time frame

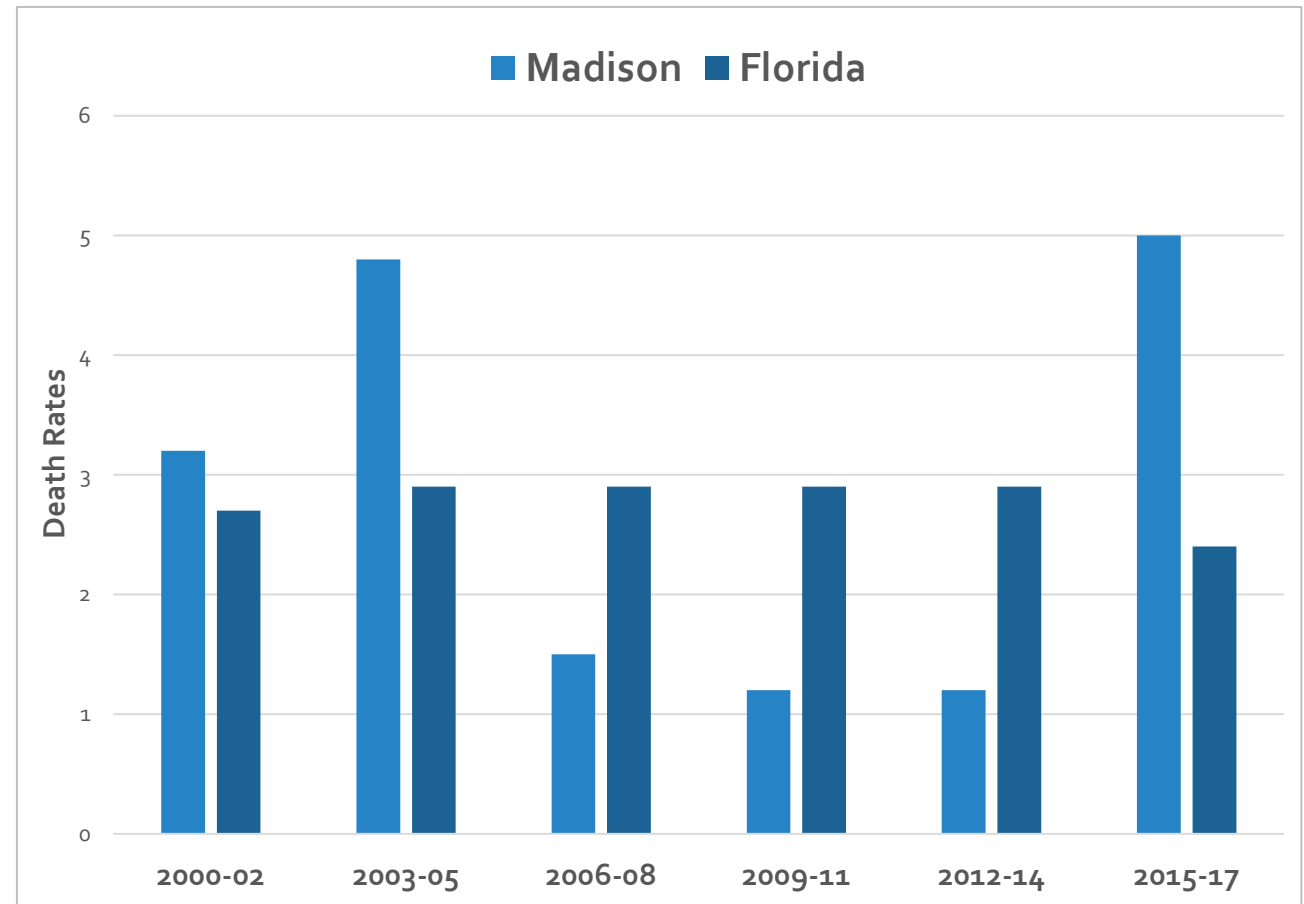


# Melanoma Death Rates (2000 – 2017)

## 3-Year Discrete, Madison County and Florida

### Madison 2000-2017

- Total of 12 deaths due to melanoma
- 10, or 83% were White, non-Hispanic and 2, or 17% were Black, non-Hispanic
- 7, or 58% were Male and 5, or 42% were Female
- There were no Hispanic deaths during the time frame



# Percent of Adults Who Were Told They Had Skin Cancer, 2016 BRFSS, Madison County

	Category	2016 Percent	2013 Percent
	Total	12.2	7.9
Gender	Men	12.3	8.4
	Women	12.2	7.5
Race/Ethnicity	NH White	17.9	13.1
	NH Black	0.9	0.8
Age Group	18-44	1.8	2.1
	Age 45-64	8.8	7.7
	Age 65+	23.9	20.7
Income	<\$25,000	8.1	4.3
	\$25,000-\$49,000	17.0	8.6
	\$50,000+	14.9	10.1

# Chronic Liver Disease and Cirrhosis Death Rates (1999 – 2019) Madison County and Florida

## Madison 1999-2019

- Total of 44 deaths
- 31 (70%) were White, non-Hispanic, 9 (21%) were Black, non-Hispanic and 4 (9%) were unknown
- 28 (64%) were Male and 16 (36%) were Female
- 0 Hispanic deaths reported

