2020 Community Health Assessment Preliminary Findings

BRADFORD COUNTY COMMUNITY HEALTH ASSESSMENT

OCTOBER 23, 2020

Agenda

- Community Health Assessment Process Overview
- Key Findings
  - Community Health Status
  - Community Themes and Strengths
    - Survey
    - Focus Groups

Process Overview

Process Overview

Mobilizing for Action through Planning and Partnerships (MAPP)

- Organize and Visioning
- Assessments
  - Community Health Status
  - Community Themes and Strengths
- Identify strategic priorities
- Partners continue to develop and implement Community Health Improvement Plan
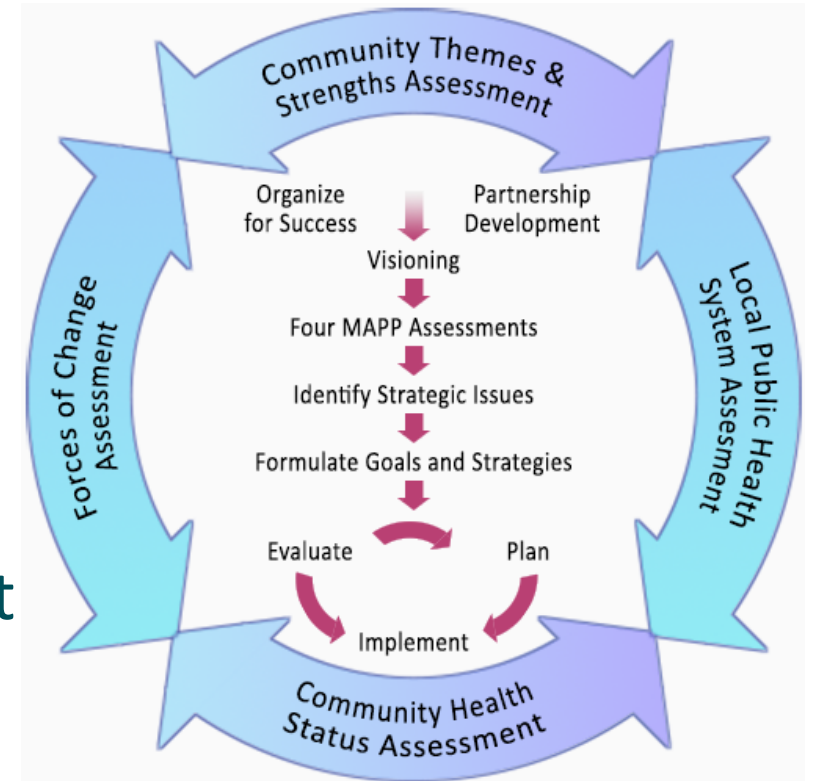
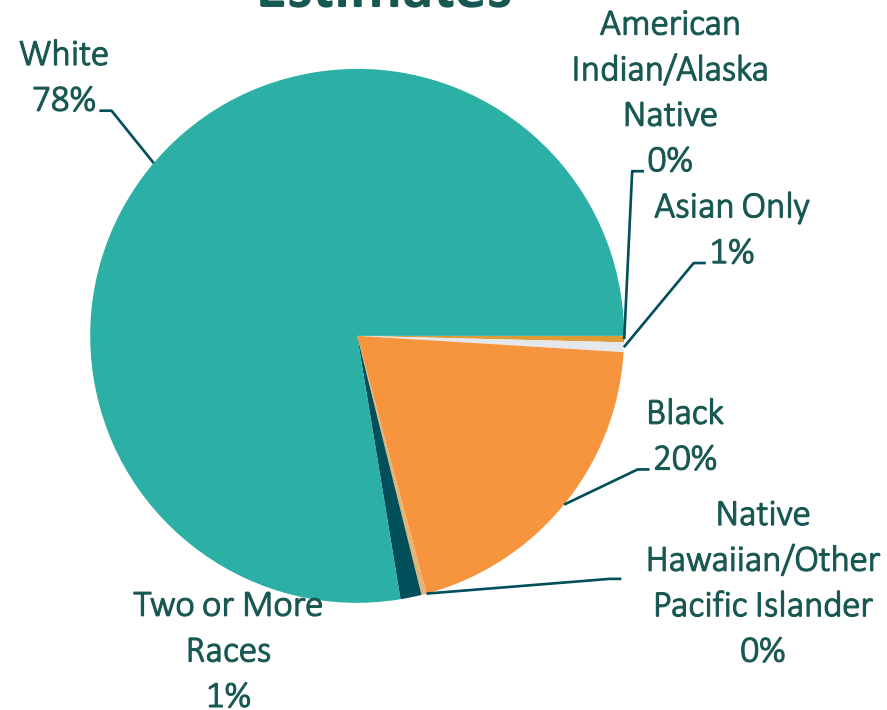# Key Findings – Community Health Status

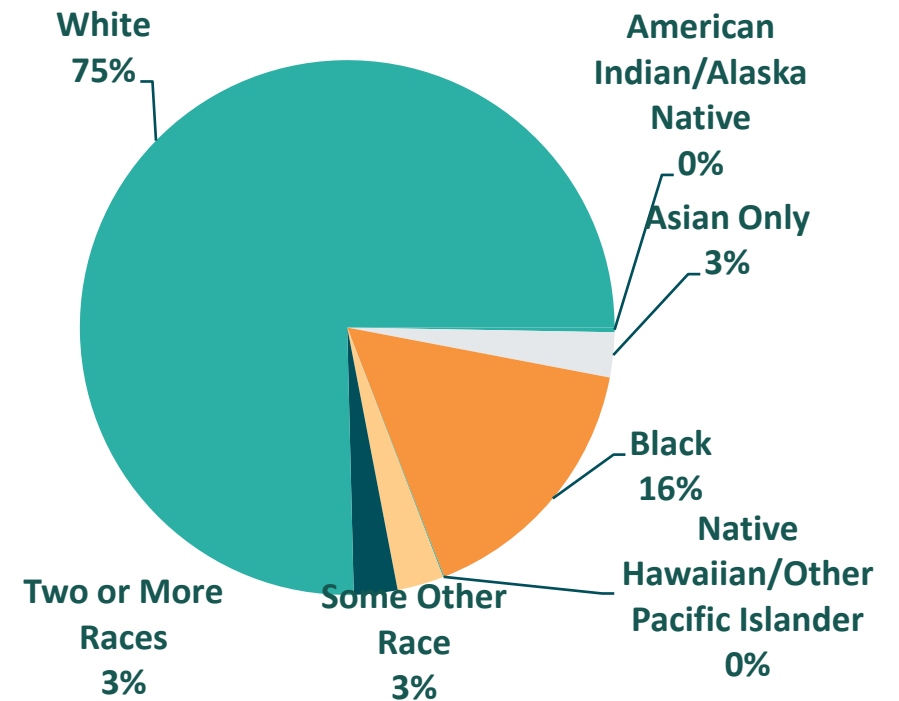Statistical data that characterizes a population (age, gender, etc.)

Demographics

Statistical data that characterizes a population (age, gender, etc.)

Bradford County Total Population: 26,979

Bradford County, 2014-2018 Estimates

White 78%

American Indian/Alaska Native 0%

Asian Only 1%

Black 20%

Native Hawaiian/Other Pacific Islander 0%

Two or More Races 1%

Florida, 2014-2018 Estimates

White 75%

American Indian/Alaska Native 0%

Asian Only 3%

Black 16%

Native Hawaiian/Other Pacific Islander 0%

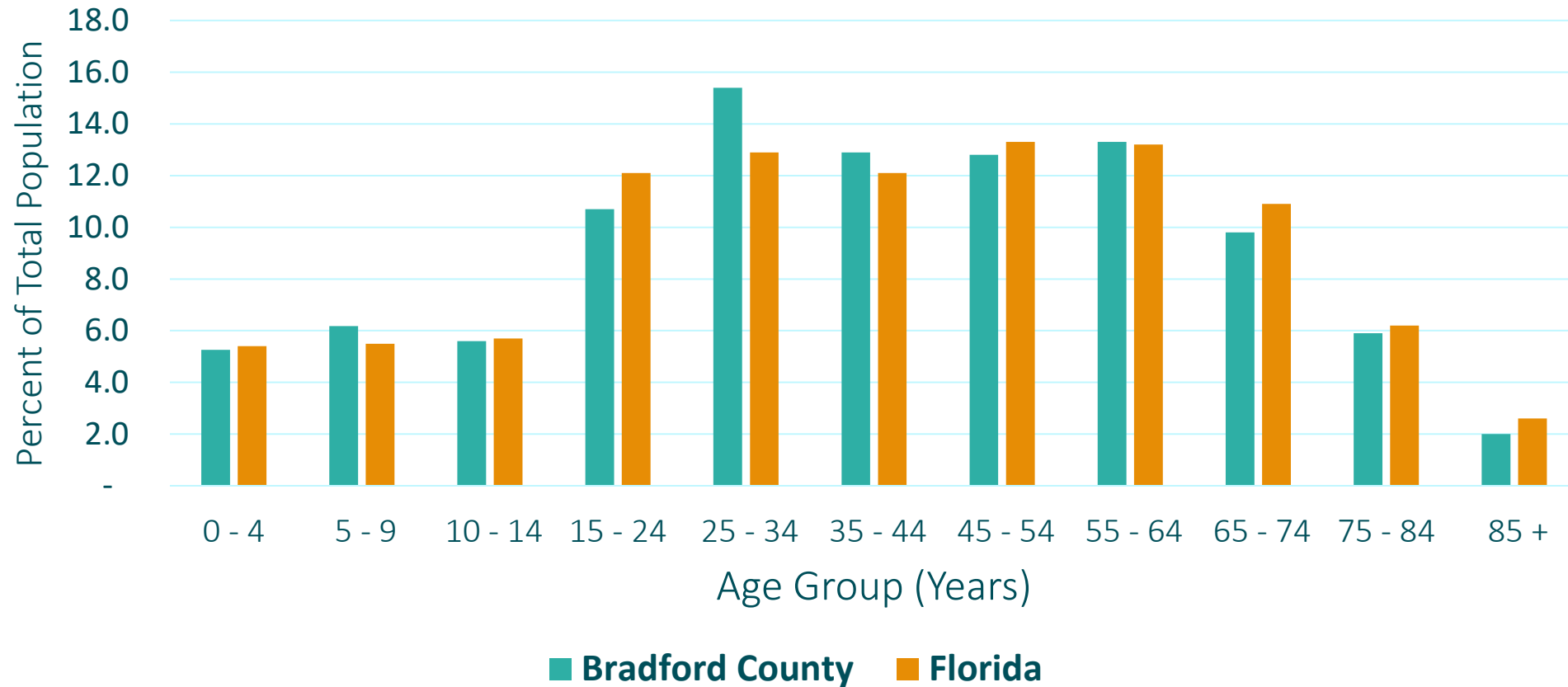Two or More Races 3%

Some Other Race 3%

Key Population Statistics

- Race: 78% White, 20% Black, 1% Asian

- Ethnicity: 4% Hispanic

- Gender: 51% Male, 49% Female

- Number in Group Quarters: 7% (1,567)

- Veteran Population: 11% (1,936)

- Average Family Size: 3.4 persons

- Number of Families: 5,349

Age Distribution

Total Estimated Population by Age Group, Bradford County and Florida, 2014-2018
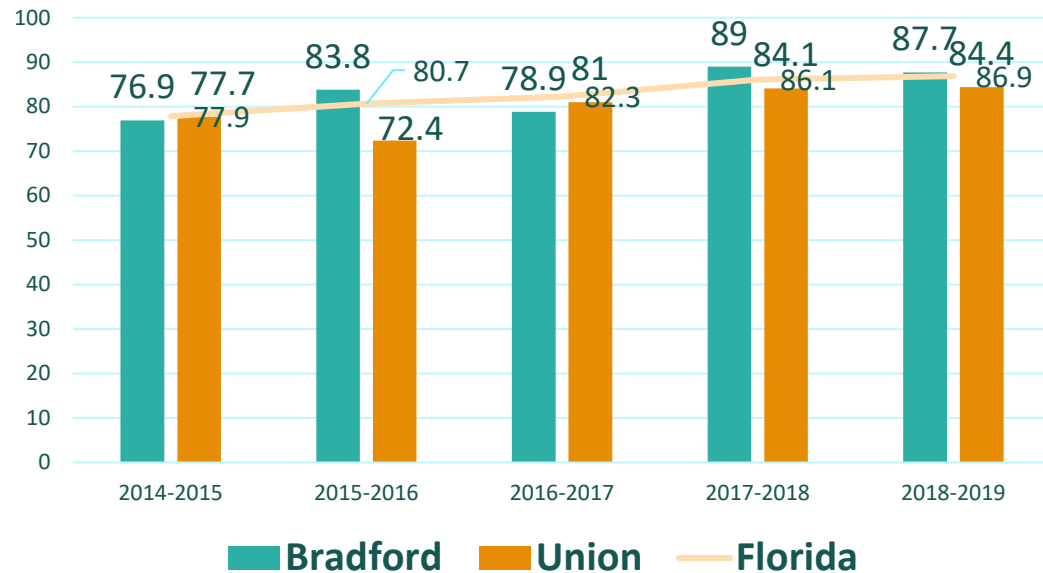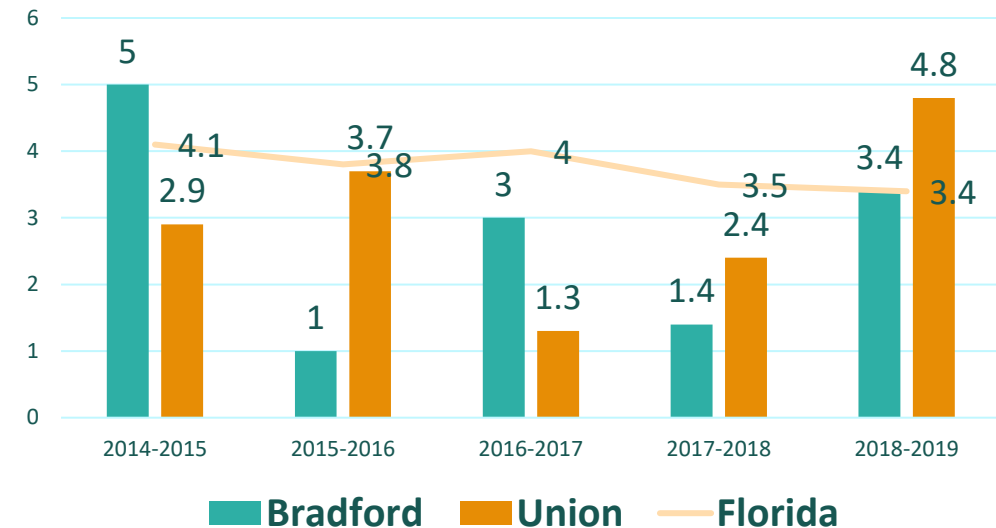
Socioeconomic Factors

Broad factors related to education, income, employment, and poverty

Graduation and Dropout Rates

High School Graduation Rates by School Year, Bradford and Union Counties and Florida

Bradford: 76.9 (2014-2015), 83.8 (2015-2016), 78.9 (2016-2017), 89 (2017-2018), 87.7 (2018-2019)
Union: 77.7 (2014-2015), 72.4 (2015-2016), 81 (2016-2017), 84.1 (2017-2018), 84.4 (2018-2019)
Florida: 77.9, 80.7, 82.3, 86.1, 86.9

High School Dropout Rates by School Year, Bradford and Union Counties and Florida

Bradford: 5 (2014-2015), 1 (2015-2016), 3 (2016-2017), 1.4 (2017-2018), 3.4 (2018-2019)
Union: 2.9 (2014-2015), 3.7 (2015-2016), 1.3 (2016-2017), 2.4 (2017-2018), 4.8 (2018-2019)
Florida: 4.1, 3.8, 4, 3.5, 3.4
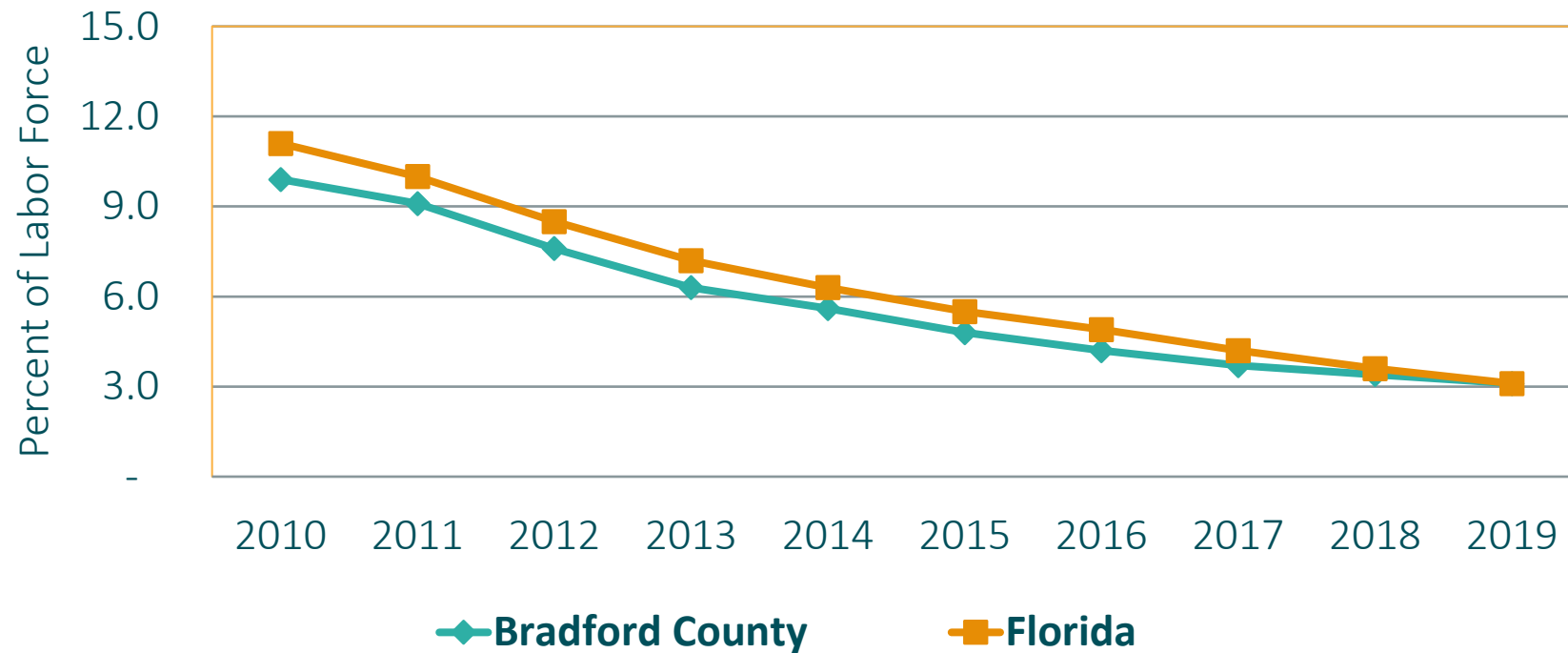
Legend: Bradford, Union, Florida

Education Achievement

Highest Level of School Completed, Bradford and Union Counties and Florida, 2014-2018
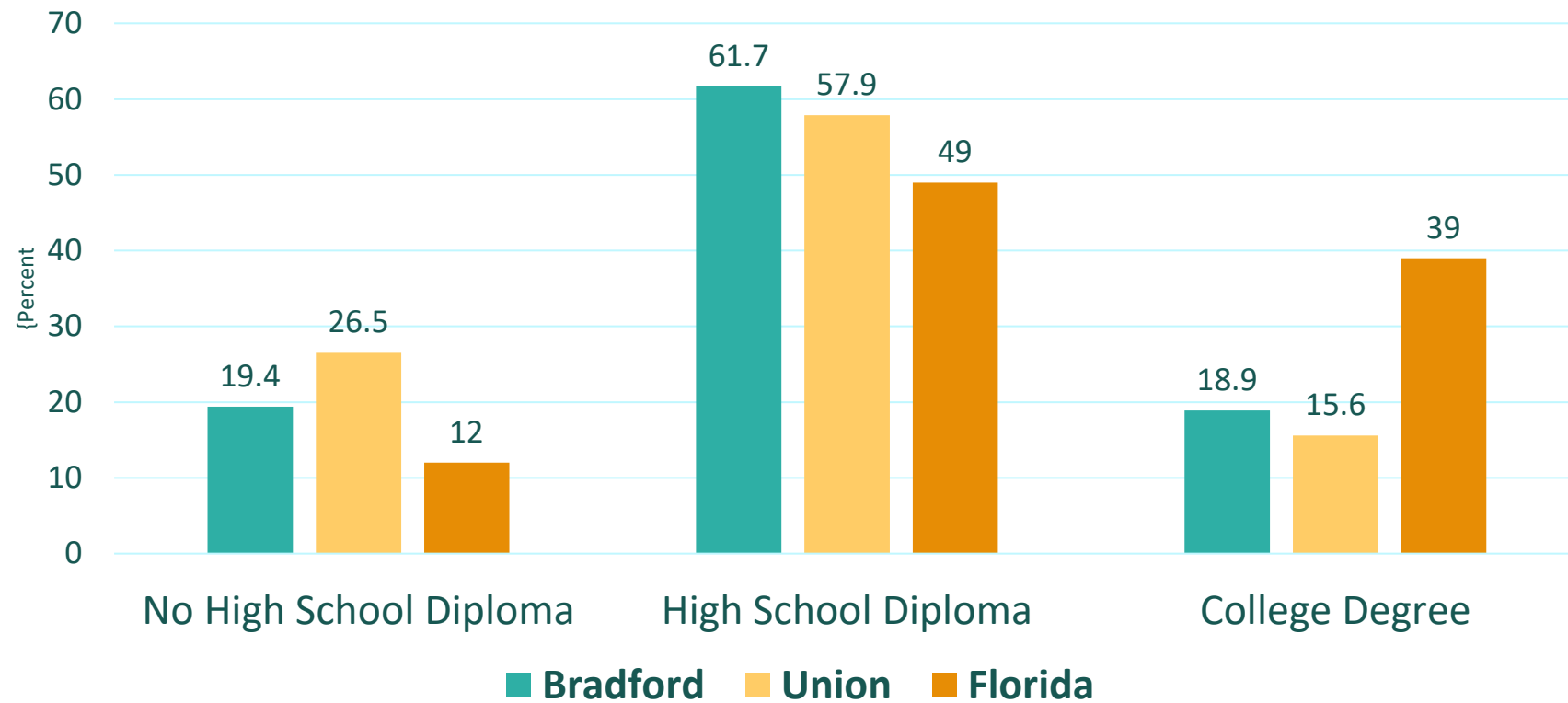
Employment

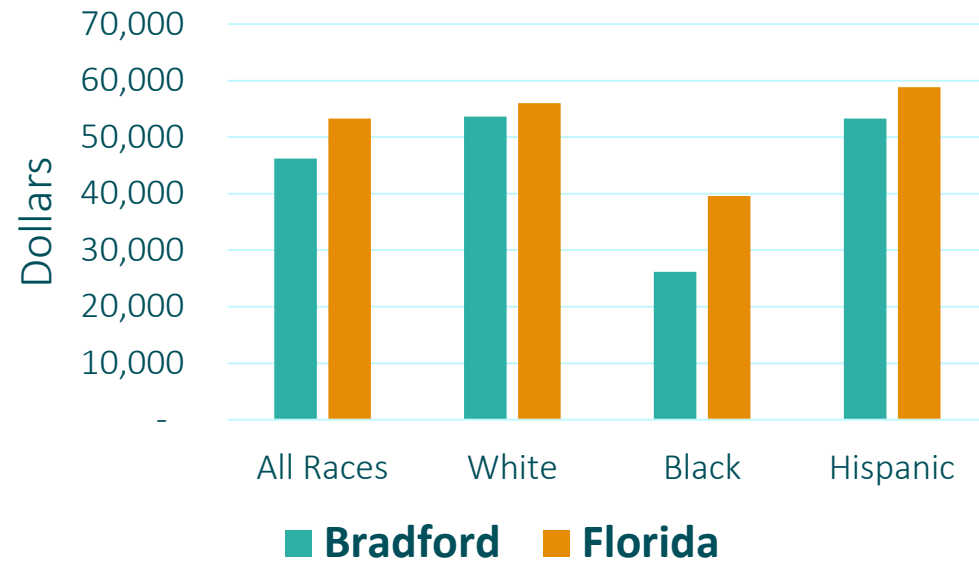## Unemployment Rates, Bradford County and Florida, 2010-2019
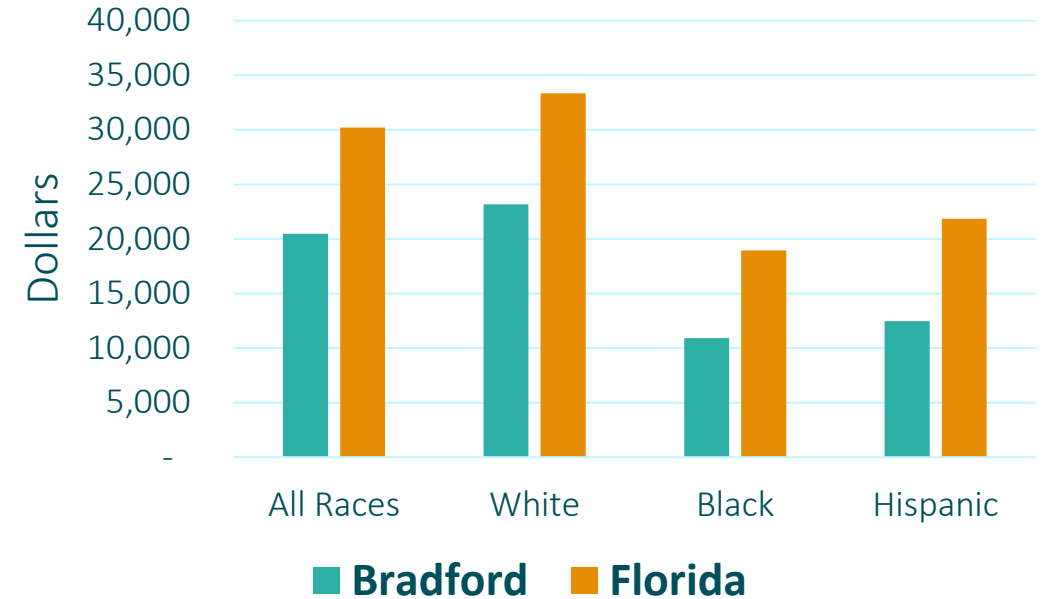
Income

Median Household Income by Race and Ethnicity, 2014-2018

Per Capita Income, By Race and Ethnicity, 2014-2018

Poverty

Poverty Estimates, All Ages, 2013-2018

Bradford: 21.8, 22.6, 21.3, 18.6, 19.1, 19.5
Florida: 17.1, 16.6, 15.8, 14.8, 14.1, 13.7
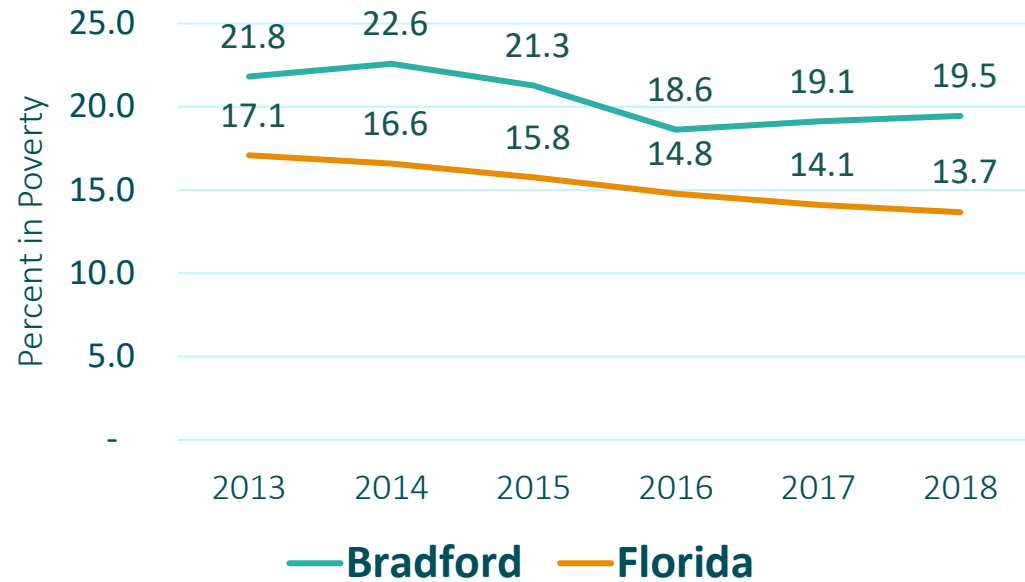
2018 U.S. Poverty Rate (all Ages): 14.1 %

Poverty Estimates, Children Under 18, 2013-2018

Bradford: 29.1, 28.2, 31.0, 26.8, 26.5, 26.0
Florida: 24.8, 24.2, 23.4, 21.3, 20.6, 20.0
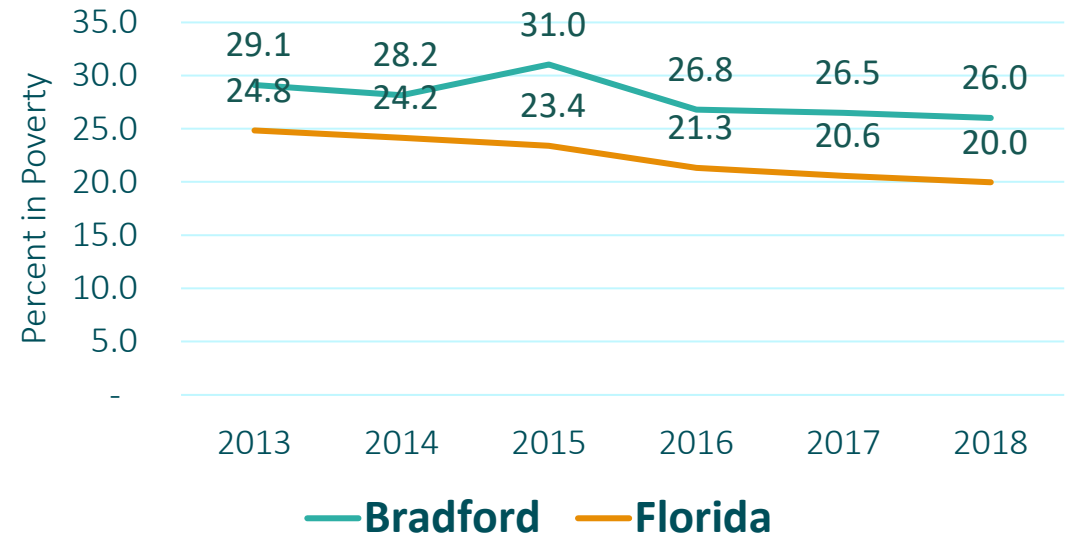
2018 U.S. Poverty Rate (children): 19.5 %

Asset Limited, Income Constrained, Employed (ALICE) Households in Bradford County, 2018

- ALICE households earn more than the Federal Poverty Level, but less than the basic cost of living for the county (called the ALICE Threshold) (United Way, www.unitedforalice.org)

- 28 Percent of Bradford County households are ALICE Households

Area by Zip Code	Percent Below ALICE Threshold	Estimated Number of Households Below ALICE Threshold
32044 (Hampton)	50	382
32058 (Lawtey)	56	678
32091 (Starke)	52	2,922
32622 (Brooker)	40	148

Uninsured Rates

### Percent Uninsured, 21-64 Years, 2014-2018
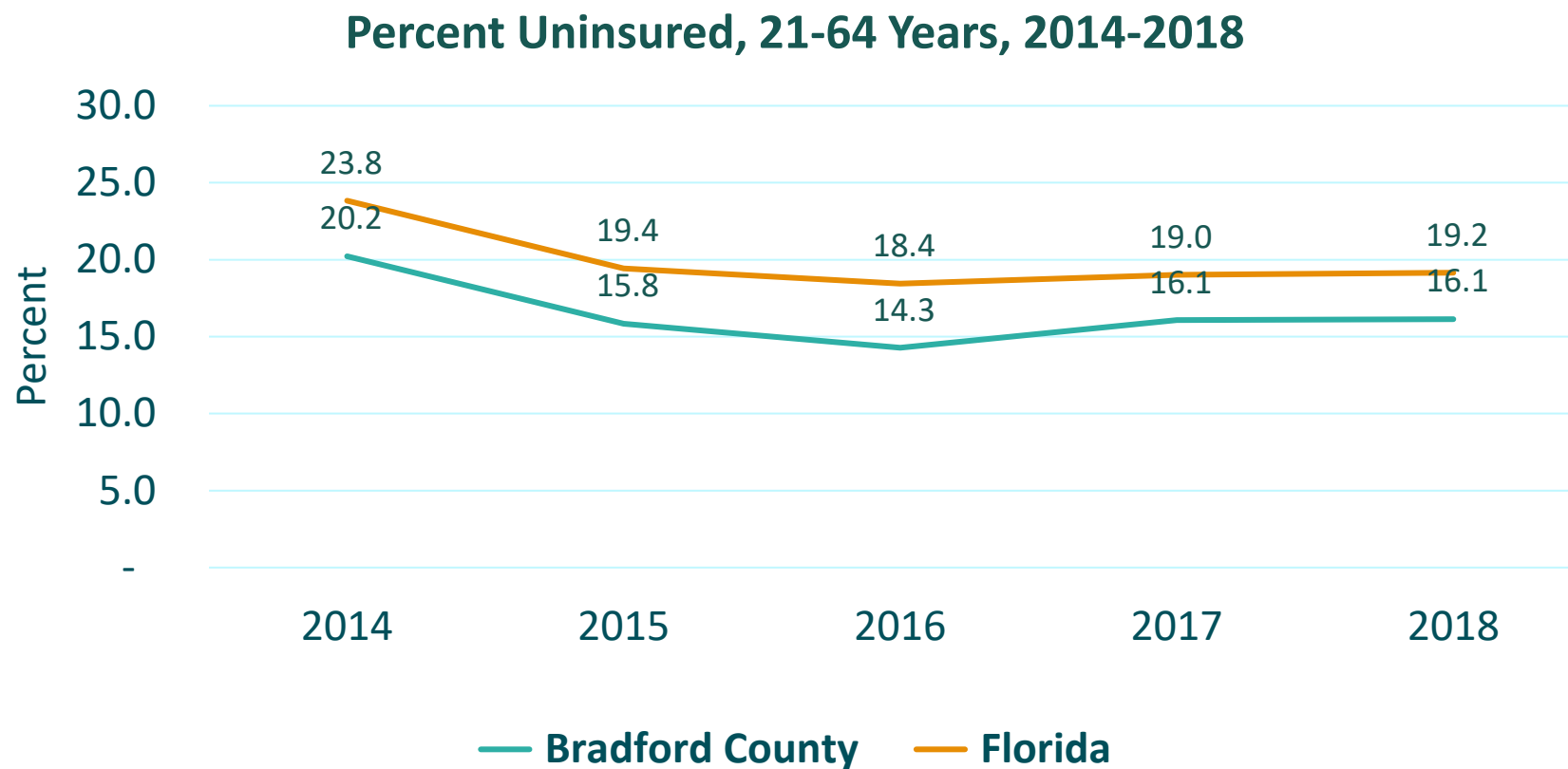
Mortality

Data related to death and life expectancy

Leading Causes of Death, 2015-2019

Rank of Cause of Death	Bradford County			
	All Races	**White Race**	**Black Race**	**Hispanic**
1	Cancer	Cancer	Heart Disease	Cancer
2	Heart Disease	Heart Disease	Cancer	Anemias, Aortic Aneurysm, Diabetes, Hypertension, Heart Disease, Homicide and Unintentional Injuries (Tied with 1 each)
3	CLRD	CLRD	Unintentional Injuries	
4	Unintentional Injuries	Unintentional Injuries	Stroke	
5	Stroke	Stroke	Hypertension	
6	Diabetes	Liver Disease	CLRD, Diabetes, Homicide, Nephritis, Septicemia (Tied with 4 each)	
7	Liver Disease	Diabetes		
8	Hypertension	Hypertension		
9	Alzheimer's Disease	Alzheimer's Disease		---
10	Suicide	Suicide		---

All Causes (Age Adjusted Death Rates, 2015-2019)

Age-Adjusted Death Rates for All Causes,
By Race, Bradford County and Florida, 2015-2019
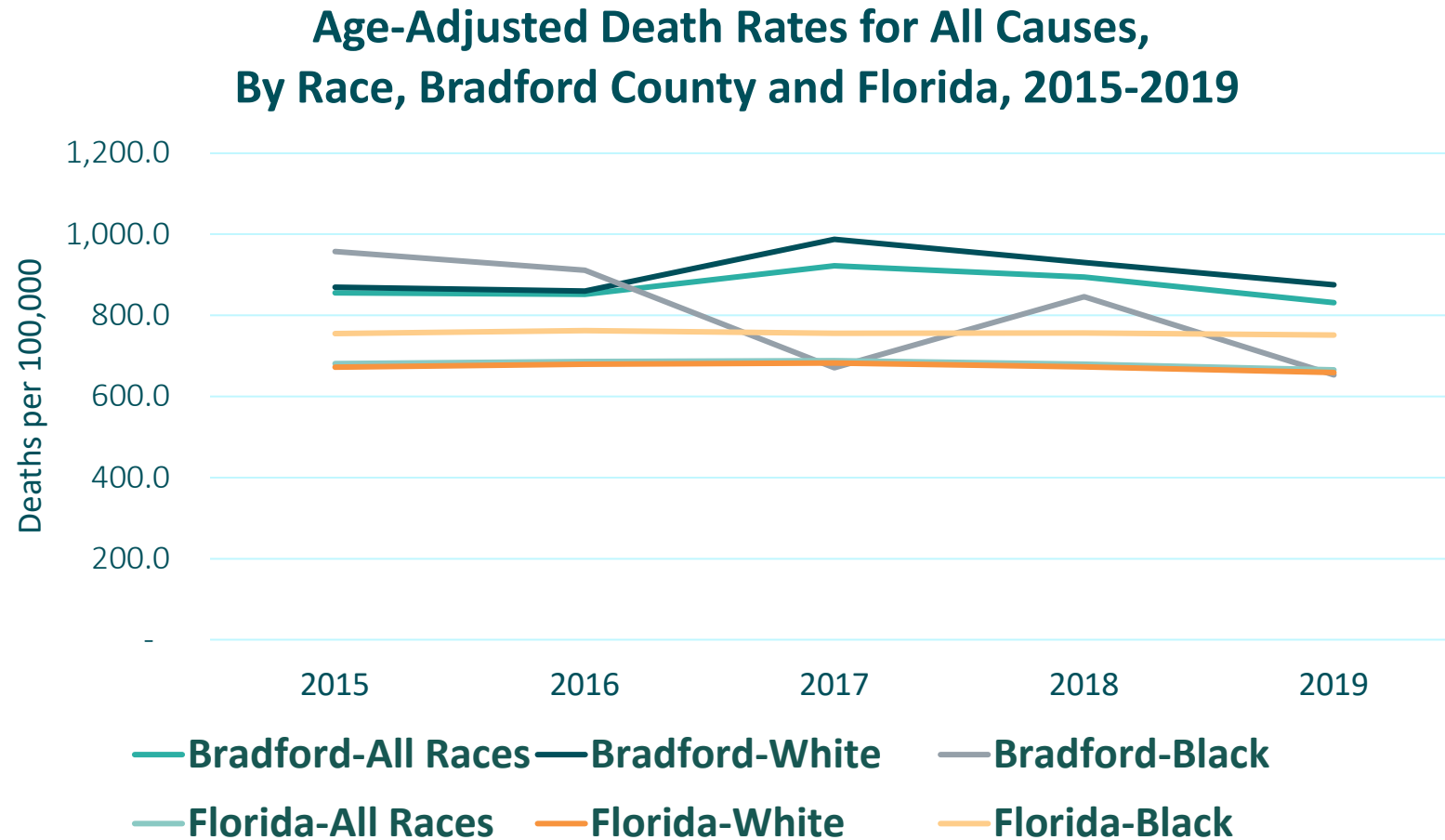
Cancer (Age Adjusted Death Rates, 2015-2019)

Age-Adjusted Death Rates for Cancer,
By Race, Bradford County and Florida, 2015-2019
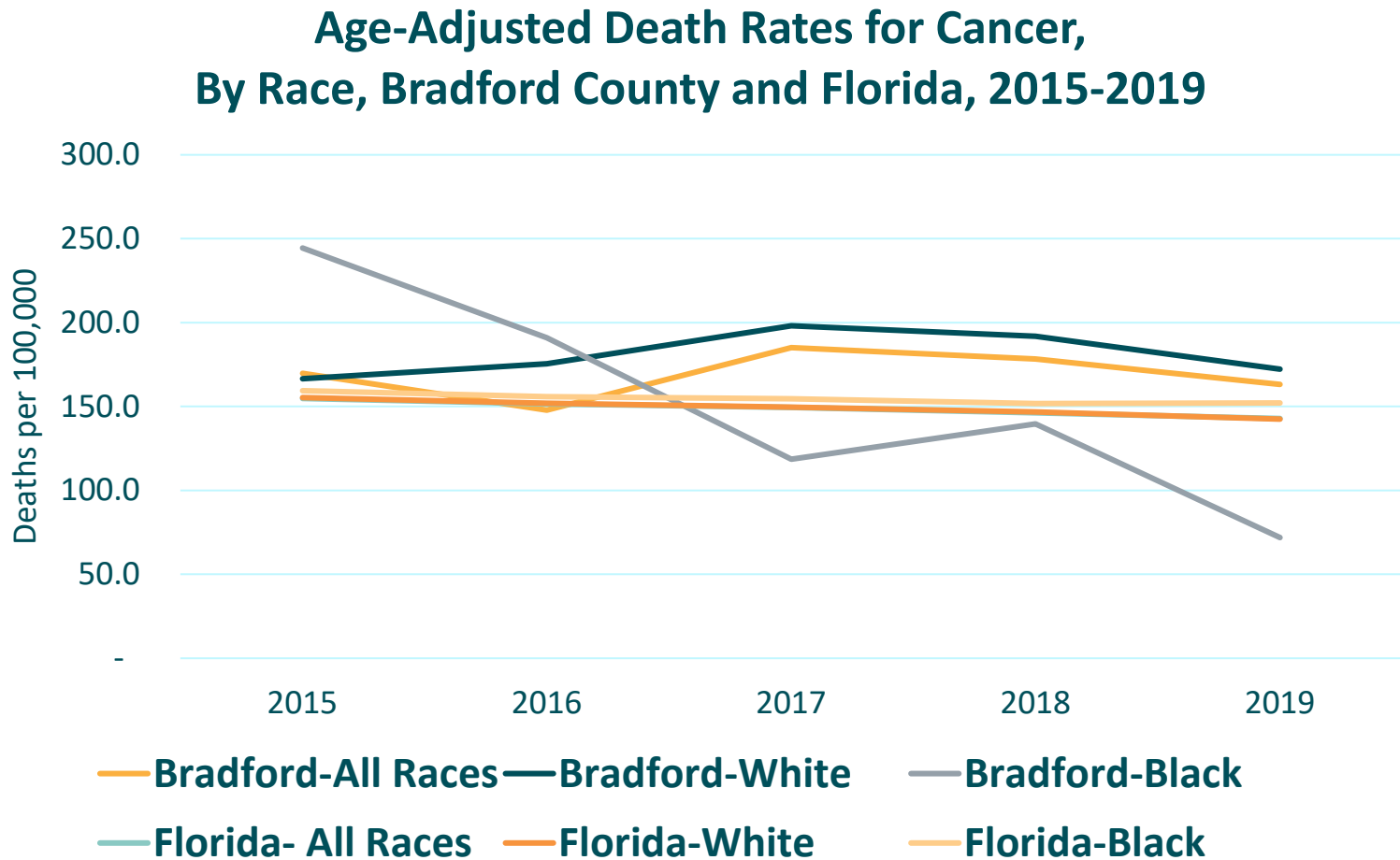
Heart Disease (Age-Adjusted Death Rates, 2015-2019)

Age-Adjusted Death Rates for Heart Disease,
by Race, Bradford County and Florida, 2015-2019
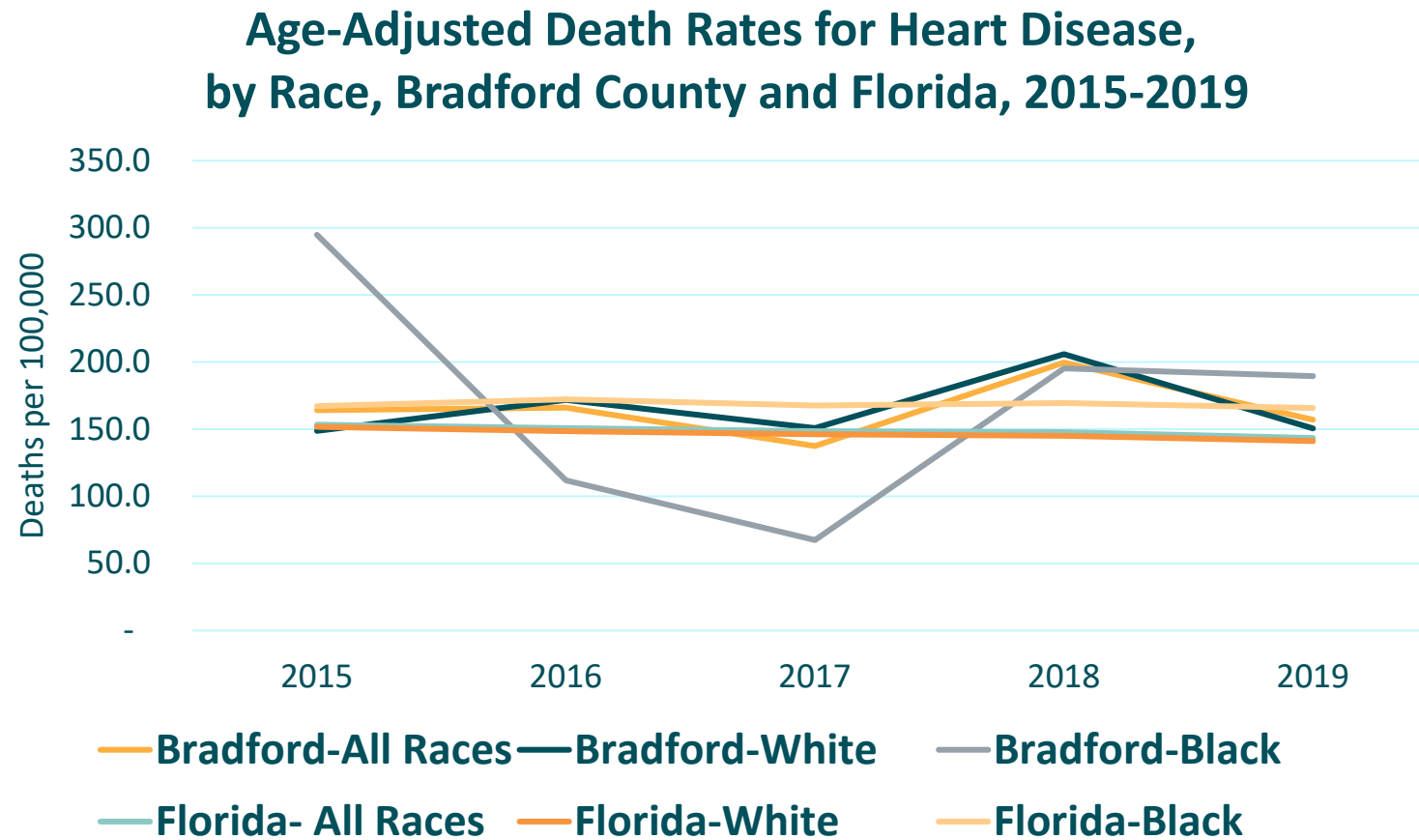
Chronic Lower Respiratory Disease (CLRD) (Age-Adjusted Death Rates, 2015-2019)

Age Adjusted Death Rates for CLRD, Bradford County and Florida, 2015-2019
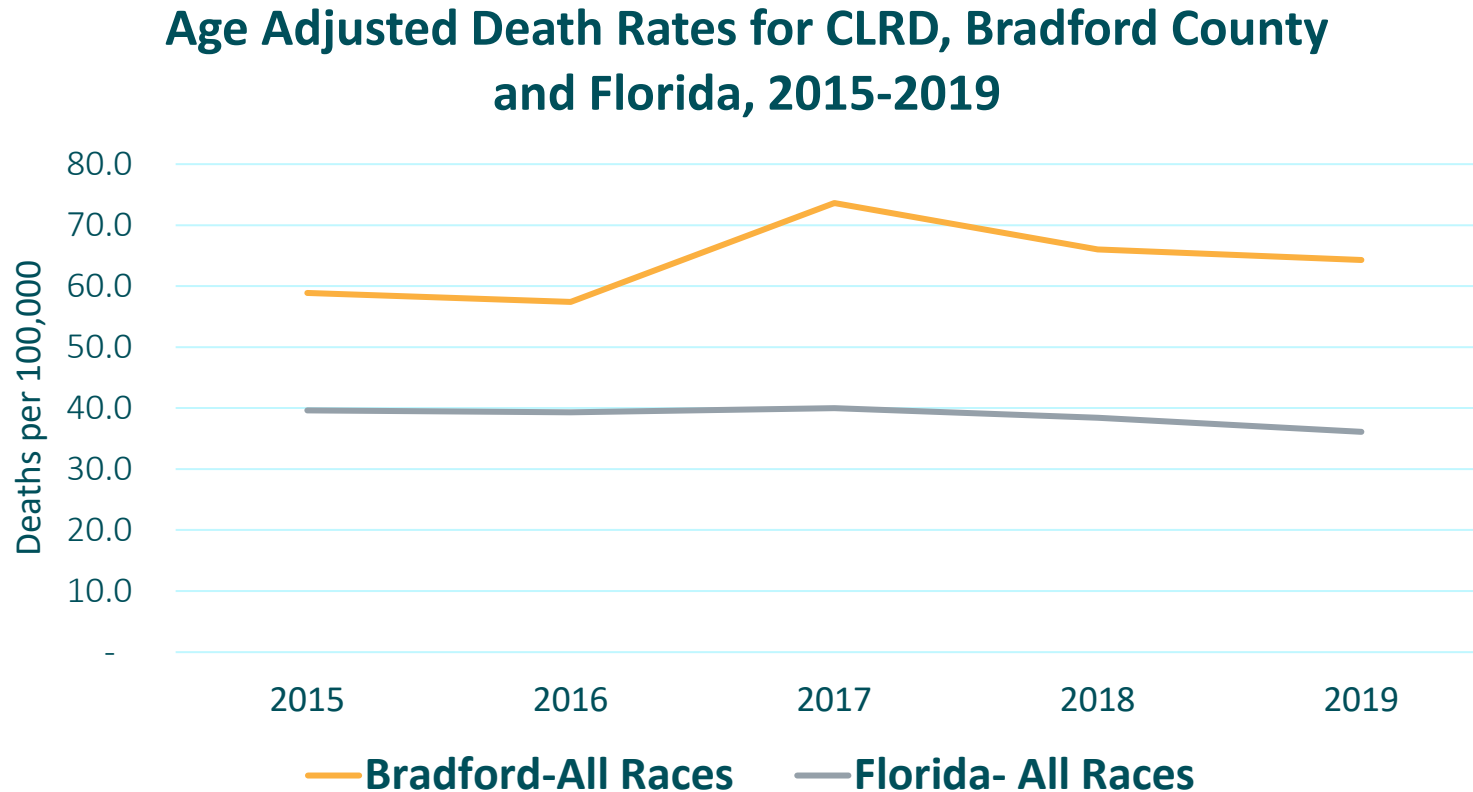
Unintentional Injury (Age-Adjusted Death Rates, 2015-2019)

Age-Adjusted Death Rates for Unintentional Injuries, by Race, Bradford County and Florida, 2015-2019
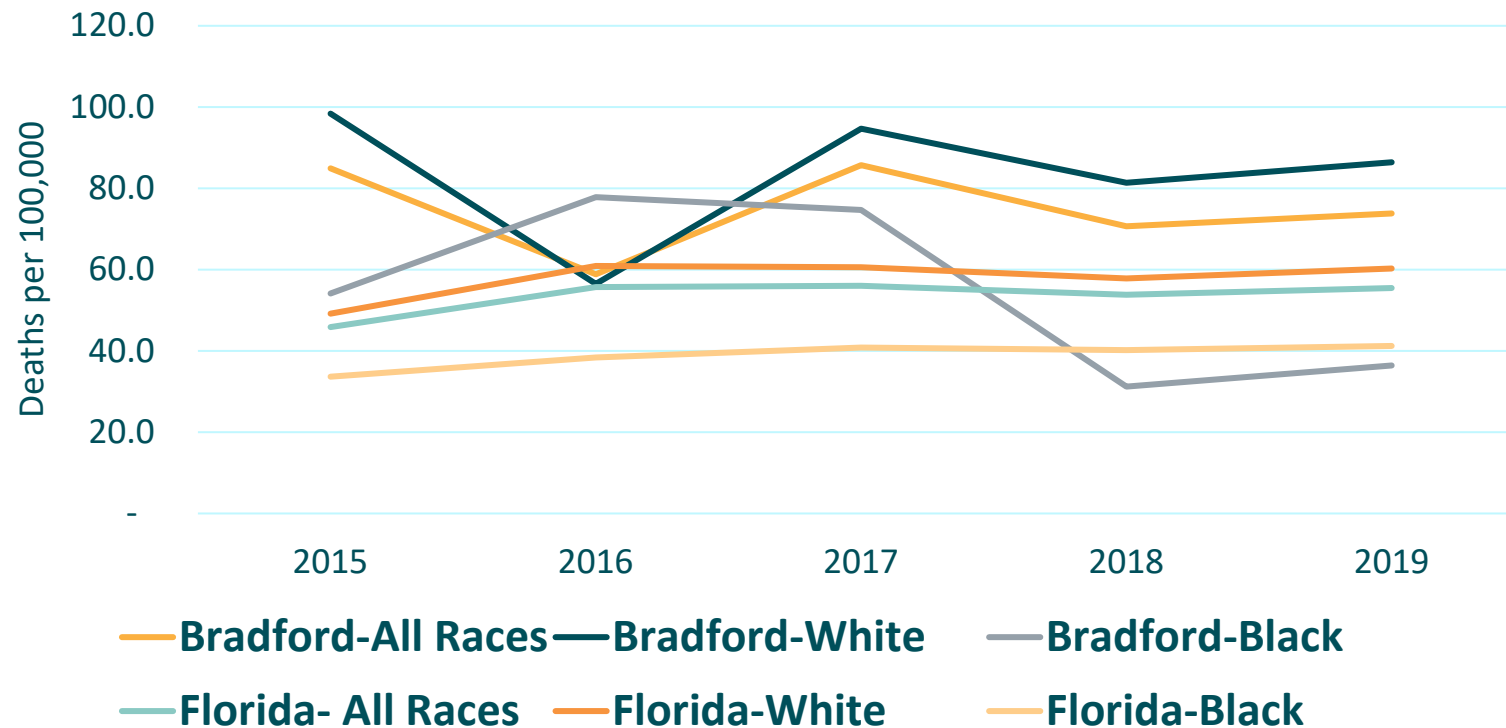
Stroke (Age-Adjusted Death Rates, 2015-2019)

Age-Adjusted Death Rates for Stroke,
by Race, Bradford County and Florida, 2015-2019
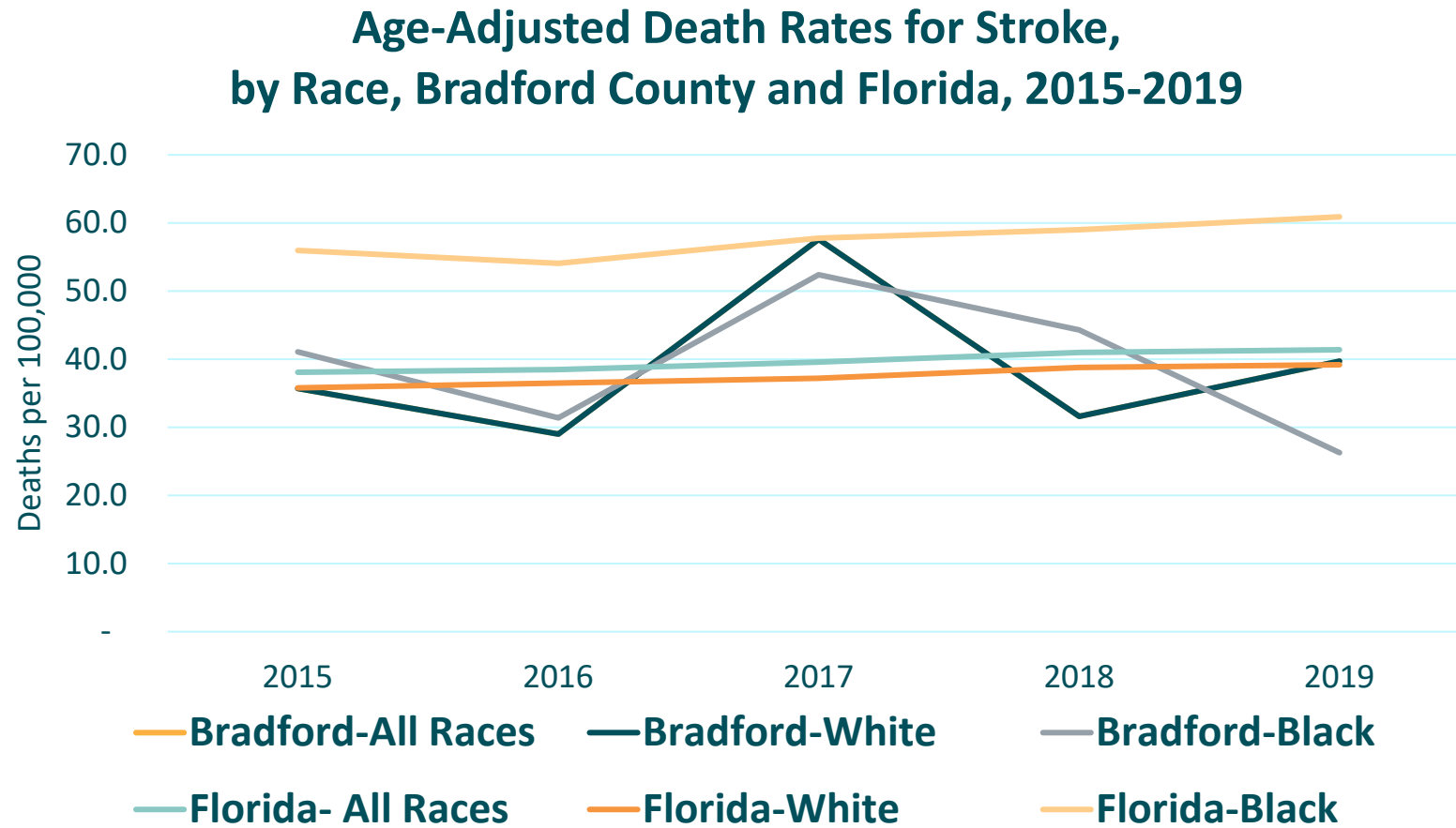
Years of Potential Life Lost (YPLL) Measures Premature Death

Years of Potential Life Lost < 75 Years, Bradford County and Florida, 2010-2019
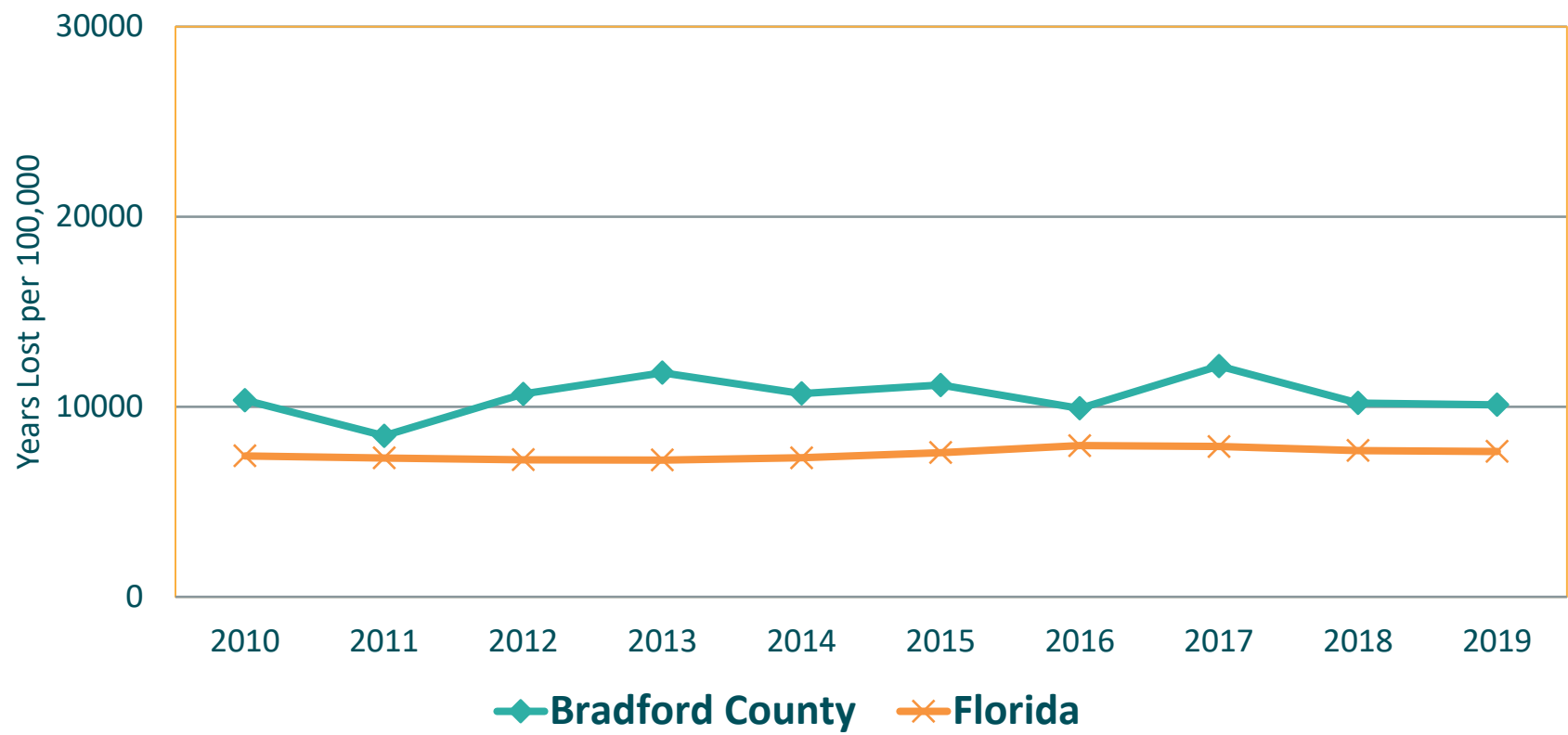
Life Expectancy

Life Expectancy by Gender, Race and Ethnicity, Bradford County and Florida, 2010-2018

Legend:
- Bradford 2010-12
- Bradford 2013-15
- Bradford 2016-18
- Florida 2010-12
- Florida 2013-15
- Florida 2016-18

Maternal and Infant Health

Data related to pregnancy, births, and the well-being of mothers and infants

Births and Low Birthweight Births

2015-2019
- All Races: 1,456
- Black: 286
- White: 1,136
- Hispanic: 40

Percent of Births that were Low Birthweight by Race and Ethnicity, Bradford County and Florida, 2015-2019

First Trimester Care

Percent of Births that Received First Trimester Care by Race and Ethnicity, Bradford County and Florida, 2015-2019
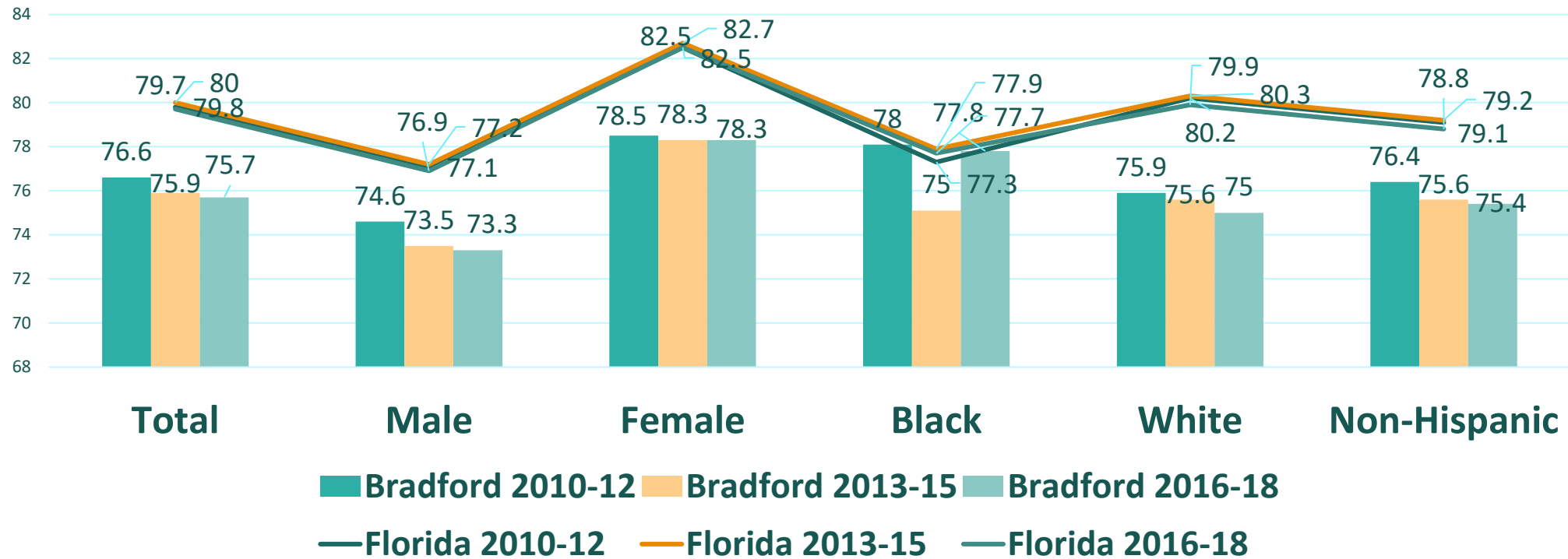

Source: 2020 Bradford County and Union County Community Health Assessment Technical Appendix, Tables 93 and 96
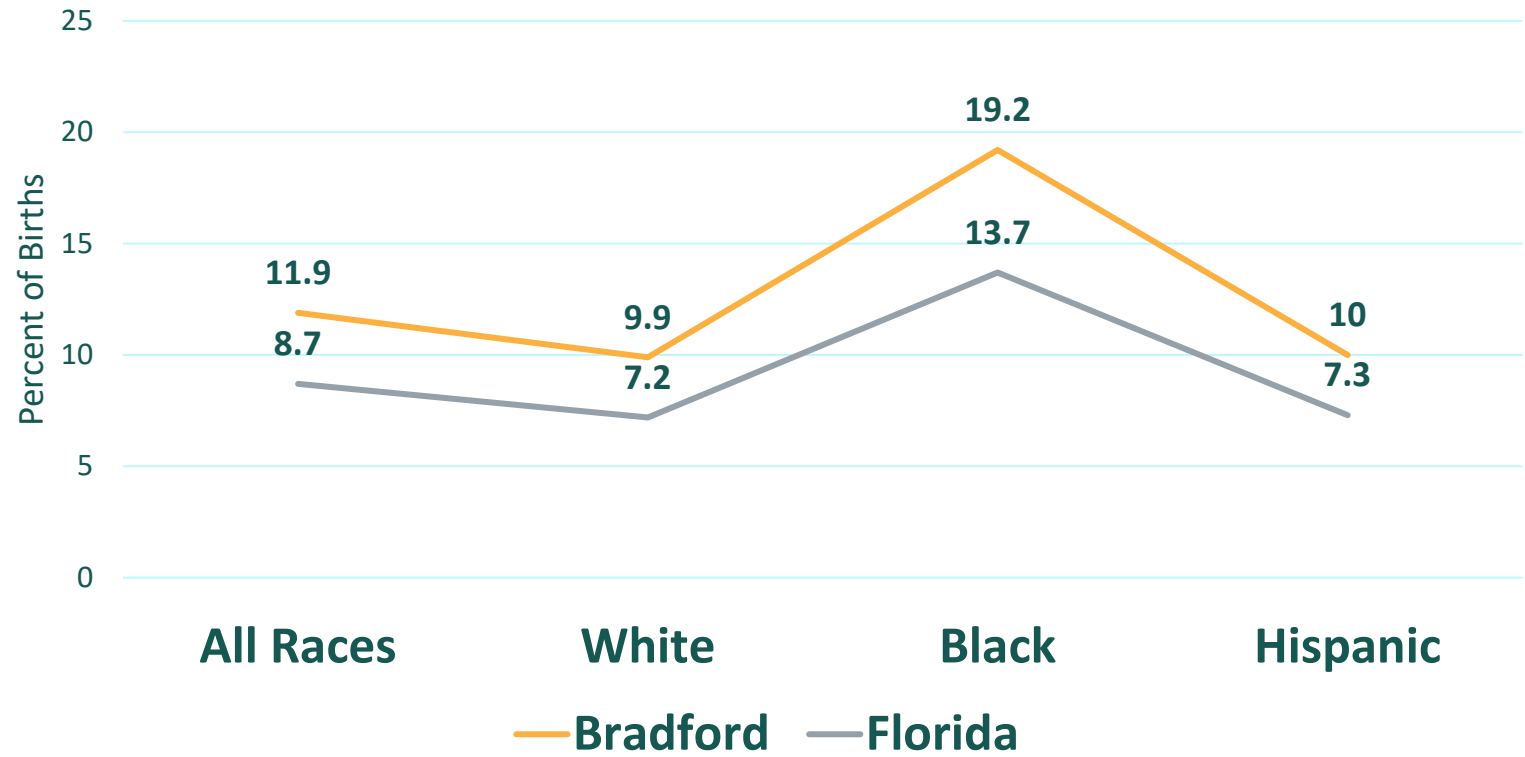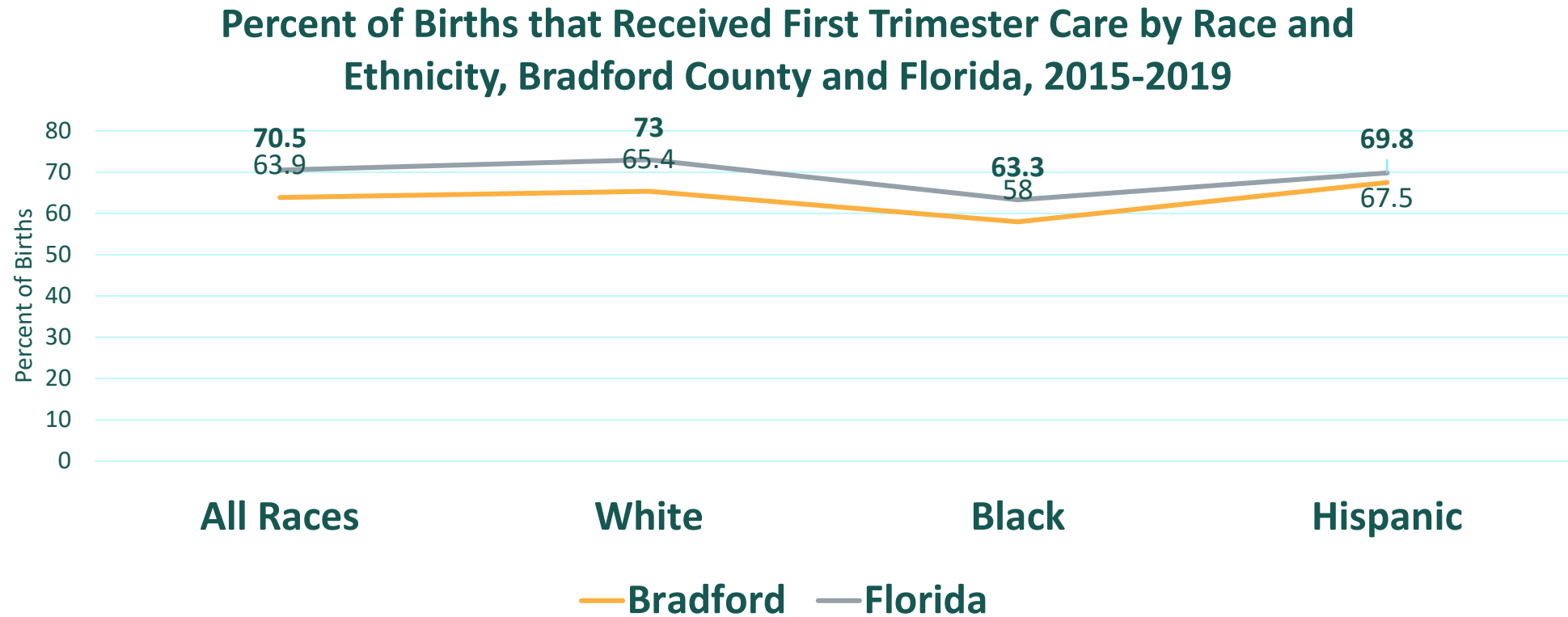
Infant Mortality by Race and Ethnicity

Infant Mortality Rates per 1,000 Live Births by Race and Ethnicity, Bradford County and Florida, 2015-2019
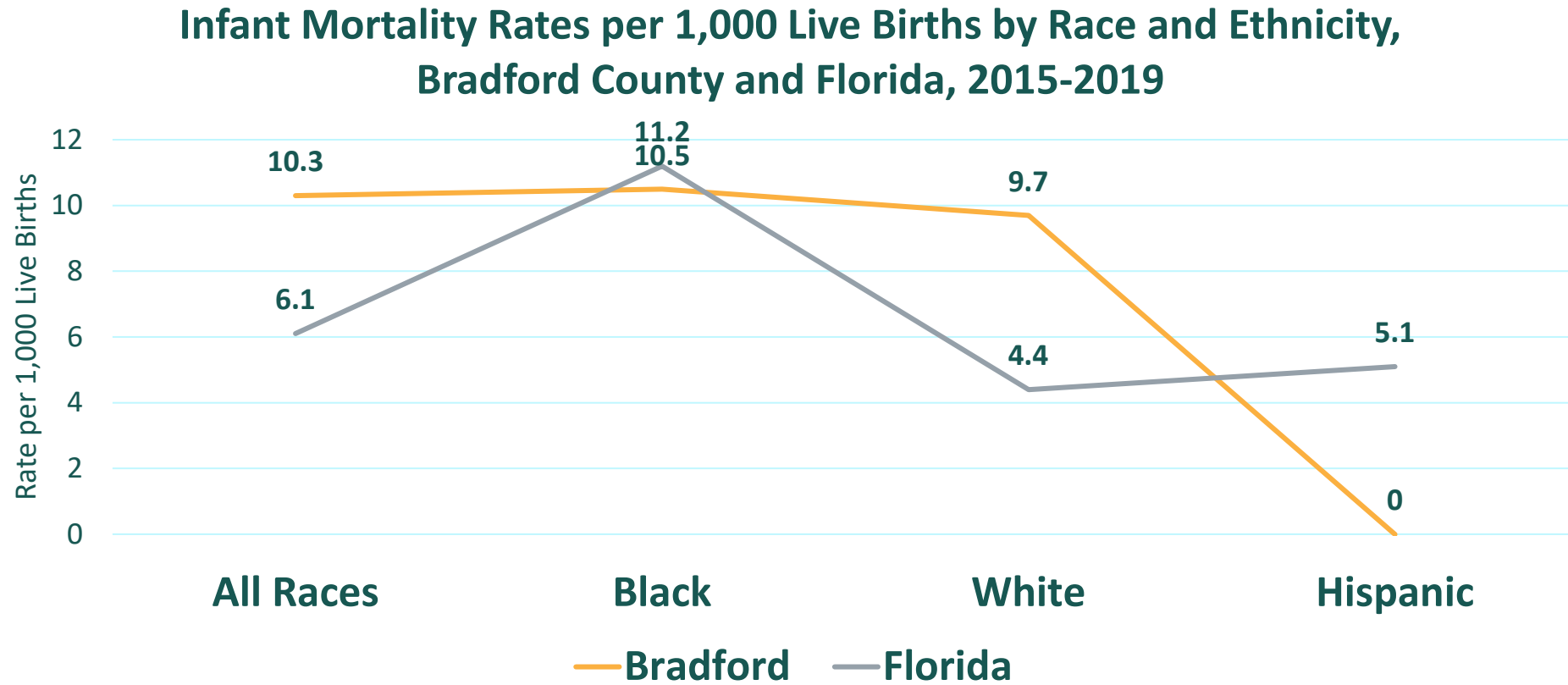
Mental Health

Data on psychological and emotional well-being, including substance use disorders

Mental Health Hospitalizations

Mental Health Hospitalization Rates per 1,000 Population,
Bradford County Residents and Florida, 2015 - 2019
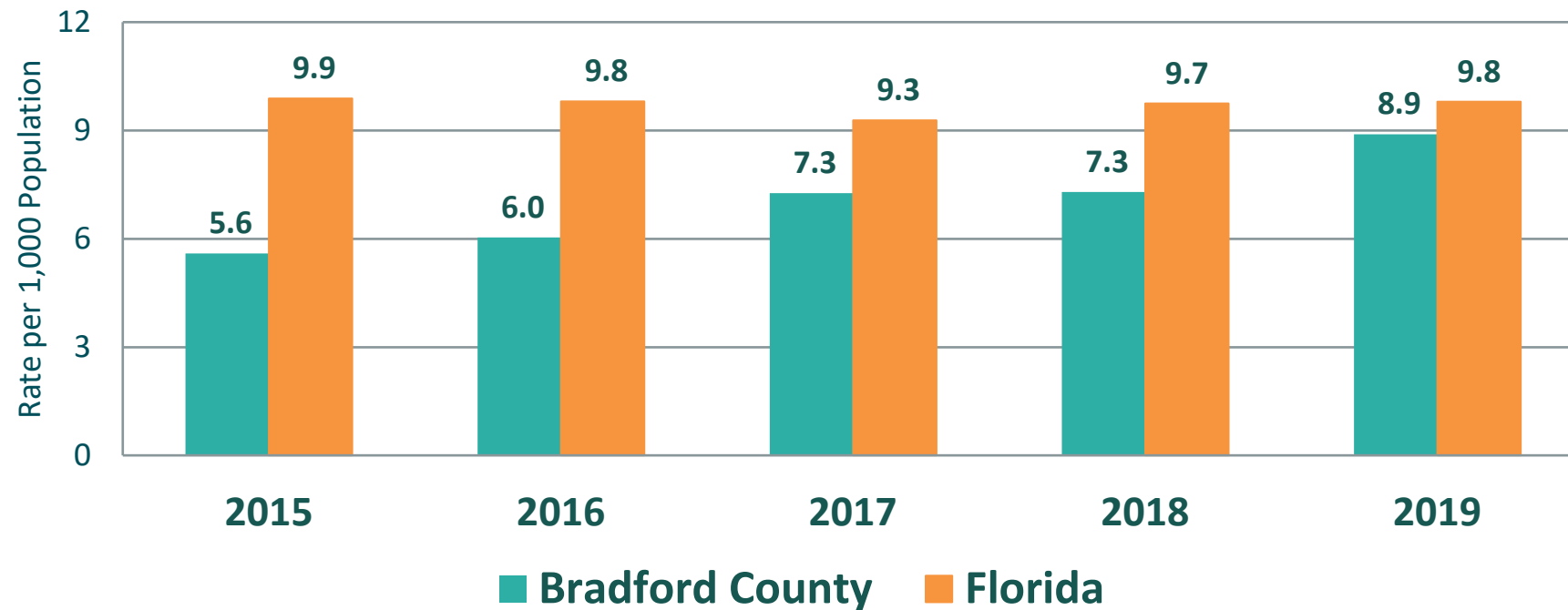
Emergency Department Visits

Mental Health Emergency Department Visit Rates per 1,000 Population, Bradford County Residents and Florida, 2015 - 2019

Rate per 1,000 population

Year	Bradford County	Florida
2015	135.9	74.9
2016	215.8	75.4
2017	199.6	71.4
2018	208.2	82.1
2019	147.6	62.6

■ Bradford County ■ Florida
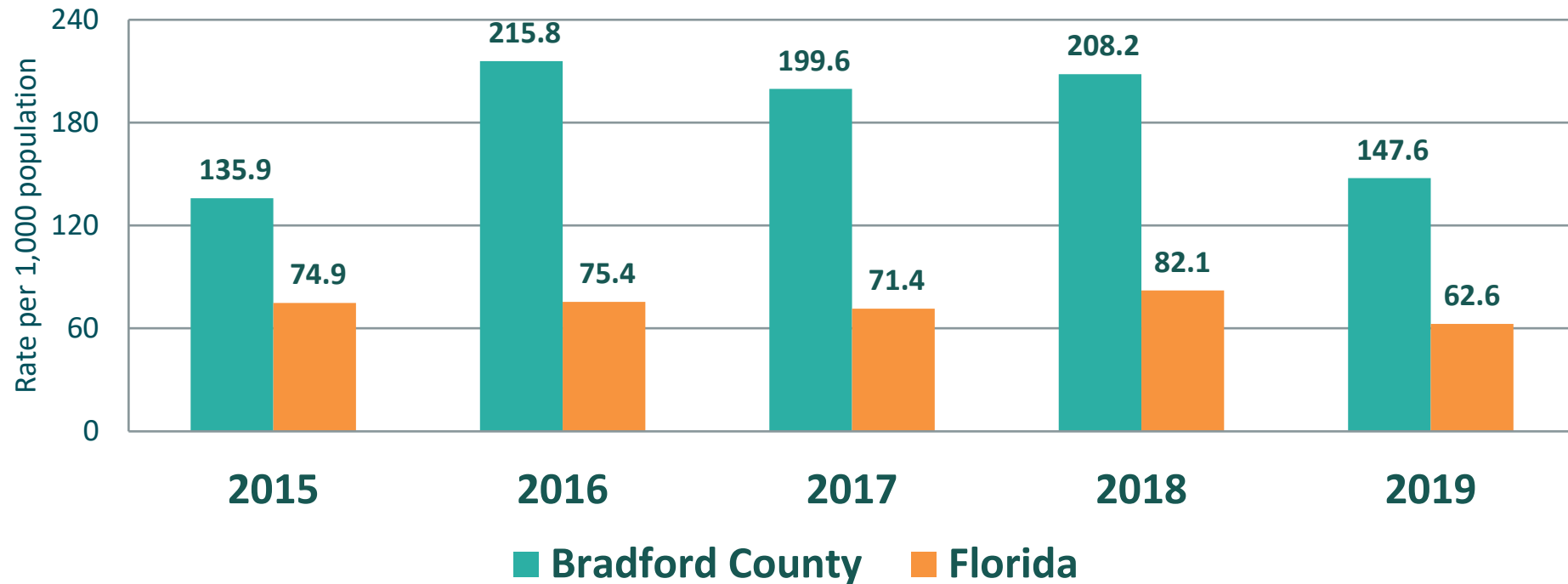
Opioid and Drug Overdose Deaths

Opioid Overdose Death Rates per 100,000 Population, Bradford County and Florida, 2015-2018
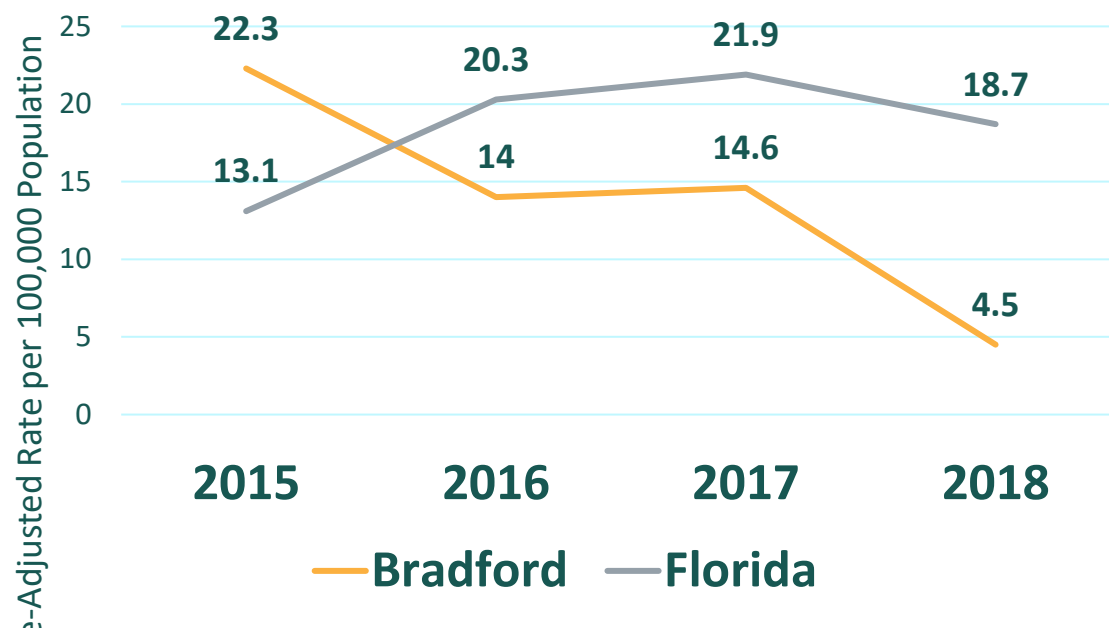
Drug Overdose Death Rates per 100,000 Population, Bradford County and Florida, 2015-2019
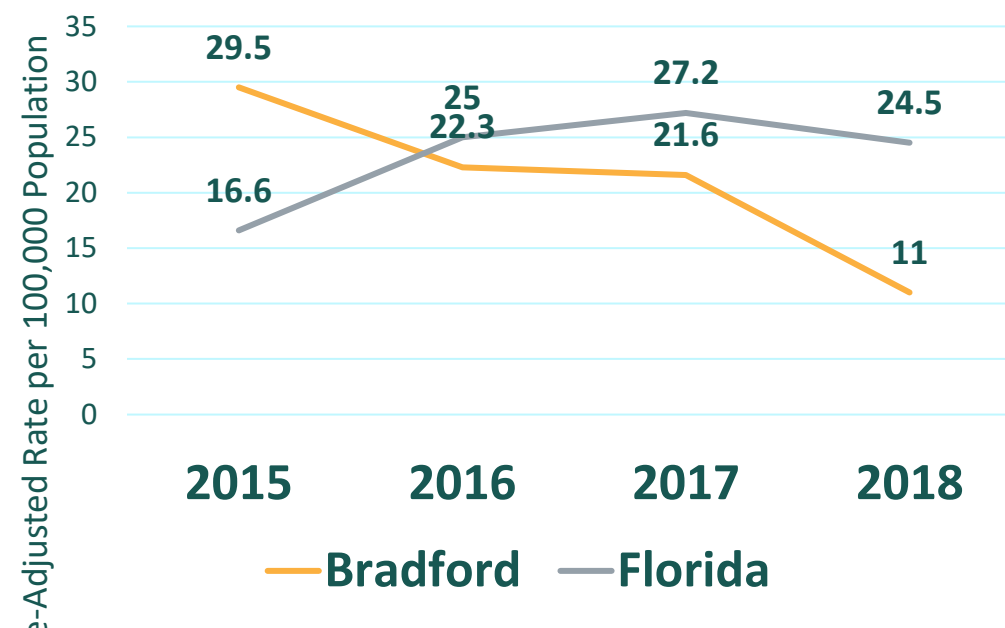
Neonatal Abstinence Syndrome (NAS)

- Infants less than 28 days old who were exposed to opioid prescription or illicit drugs during the mother's pregnancy
  - Most commonly associated with opioids, but other substances, including nicotine, can be implicated

	Neonatal Abstinence Syndrome From Birth Defects Registry							
	Number	Rate Per 10,000 Live Births	Number	Rate Per 10,000 Live Births	Number	Rate Per 10,000 Live Births		
	2015		**2016**		**2017**		**2018**	
Bradford County	10	340.1	5	166.1	< 5	NA	< 5	NA
Florida	1,510	67.3	1,480	65.8	1,503	67.2	1,375	62.1

Health Behaviors

Actions that promote or maintain good health and prevent illness

Behavioral Risk Factors Surveillance Survey (BRFSS)

Background

- National health-related telephone survey

- Used since 1984

- Self-reported indicators

- Allows for comparisons at the state and national level

Types of Health Indicators

- Health Status (ex. Asthma)

- Health-Related Behaviors (ex. Smoking)

- Health-Related Prevention (ex. Flu shots)

- Health-Related Quality of Life

- Health Care Access and Coverage

- Oral Health

Behavioral Risk Factors Surveillance Survey (BRFSS)

Health Status Indicators	
Better than State Average	Worse than State Average
Diabetes	Arthritis
	Asthma
	Cancer Prevalence
	Cardiovascular Disease
	COPD
	Depression
	Disability
	Kidney Disease
	Overweight/Obesity
	Vision Impairment

Health-Related Behavior Indicators	
Better than State Average	Worse than State Average
Physical Activity	Tobacco Use, E-cig Use
Alcohol Use Marijuana Use	Seat Belt Use

Health-Related Prevention Indicators	
Better than State Average	Worse than State Average
Flu Vaccine	Mammogram
	Prostate Cancer Screening
	Tetanus Vaccine
	Colorectal Cancer Screening (mixed results)

Behavioral Risk Factors Surveillance Survey (BRFSS)

Health-Related Quality of Life Indicators	
Better than State Average	Worse than State Average
Average Number of Unhealthy Mental Health Days	Days of Poor Mental Health in the Last Month
	Days of Poor Physical Health in the Last Month
	Days when Poor Health Limited Daily Activities
	Good Mental Health in the Last Month
	Good Physical Health in the Last Month

Health Care Access and Coverage	
Better than State Average	Worse than State Average
Insurance Coverage Adults with a Personal Doctor Medical Check-Up in the Last Year	
Skipped Care Due to Cost	

Oral Health	
Better than State Average	Worse than State Average
	Saw a Dentist in Past Year Had Teeth Removed due to Decay/Gum Disease

Health Care Access and Utilization

Timely use of personal health services to achieve the best health outcomes (Institute of Medicine)

Medicaid Eligibles

Medicaid Eligibles by Percent of Total Population,
Bradford County and Florida, 2019
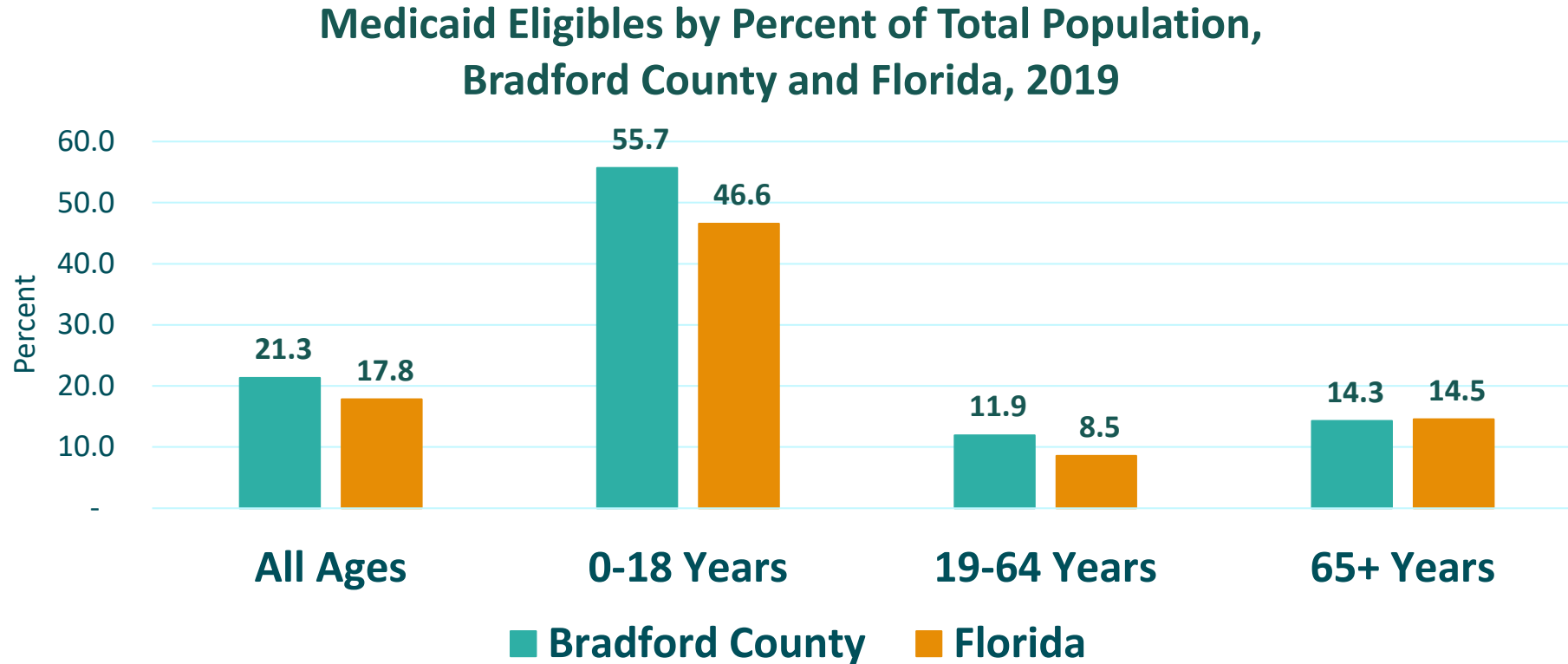
Rate of Physicians Per 100,000 Population

Type of Physician	2014-15	2015-16	2016-17	2017-18	2018-19
	Bradford County				
Family Practice Physicians	7.3	7.3	7.2	10.7	7.0
Internists	7.3	7.3	7.2	3.6	3.5
OB/GYN	0.0	0.0	0.0	7.2	7.1
Pediatricians	3.7	0.0	3.6	3.6	3.6
Total Physicians	25.6	32.7	50.3	46.3	42.2
	Florida				
Family Practice Physicians	18.7	14.0	14.1	18.8	19.2
Internists	48.7	48.7	47.9	46.9	47.5
OB/GYN	9.8	10.0	9.6	9.5	9.3
Pediatricians	22.7	18.4	17.7	17.7	21.9
Total Physicians	254.7	244.5	310.5	304.7	310.0

Source: 2020 Bradford County and Union County Community Health Assessment Technical Appendix, Table 111

Rate of Dentists per 100,000 Population, 2014-2019

| Fiscal Year	Bradford County		Florida	
	Number	Rate	Number	Rate
2014-15	6	22.0	11,635	58.5
2015-16	5	18.2	10,986	54.3
2016-17	5	18.0	11,641	56.6
2017-18	6	21.4	11,475	54.8
2018-19	6	21.1	12,066	56.7

Hospital Beds

Total Hospital Beds, Rates per 100,000 Population, Bradford County and Florida, 2009 - 2018
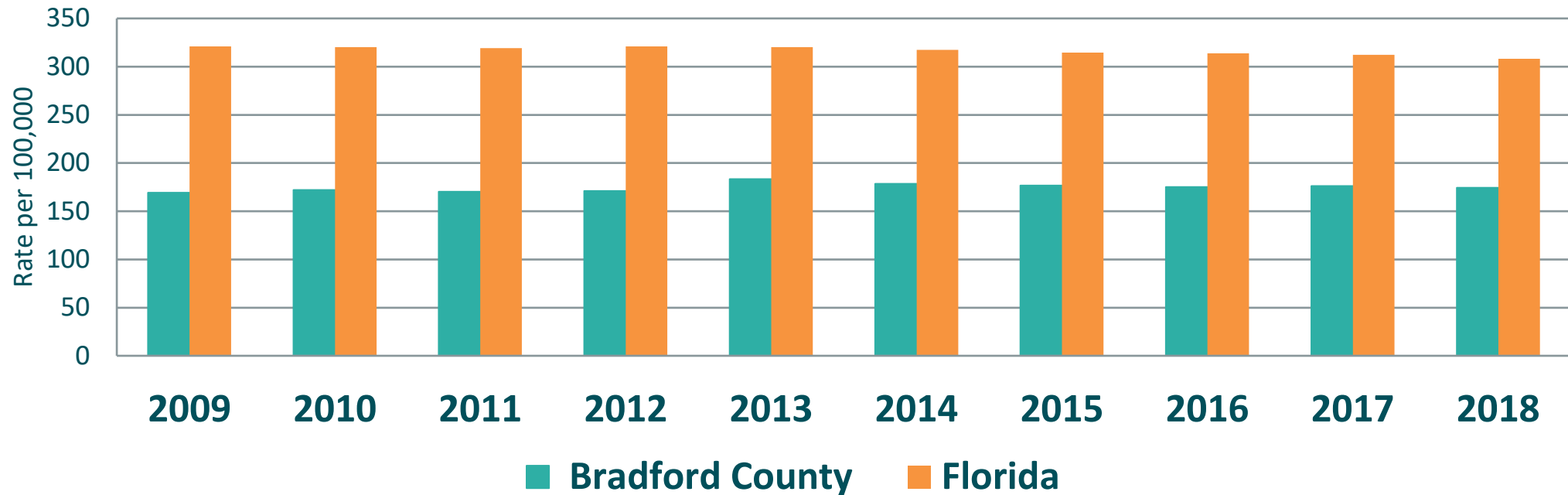
Hospital Discharge Payor Sources

Discharges by Payor Source by Percent, Bradford County and Florida, 2018
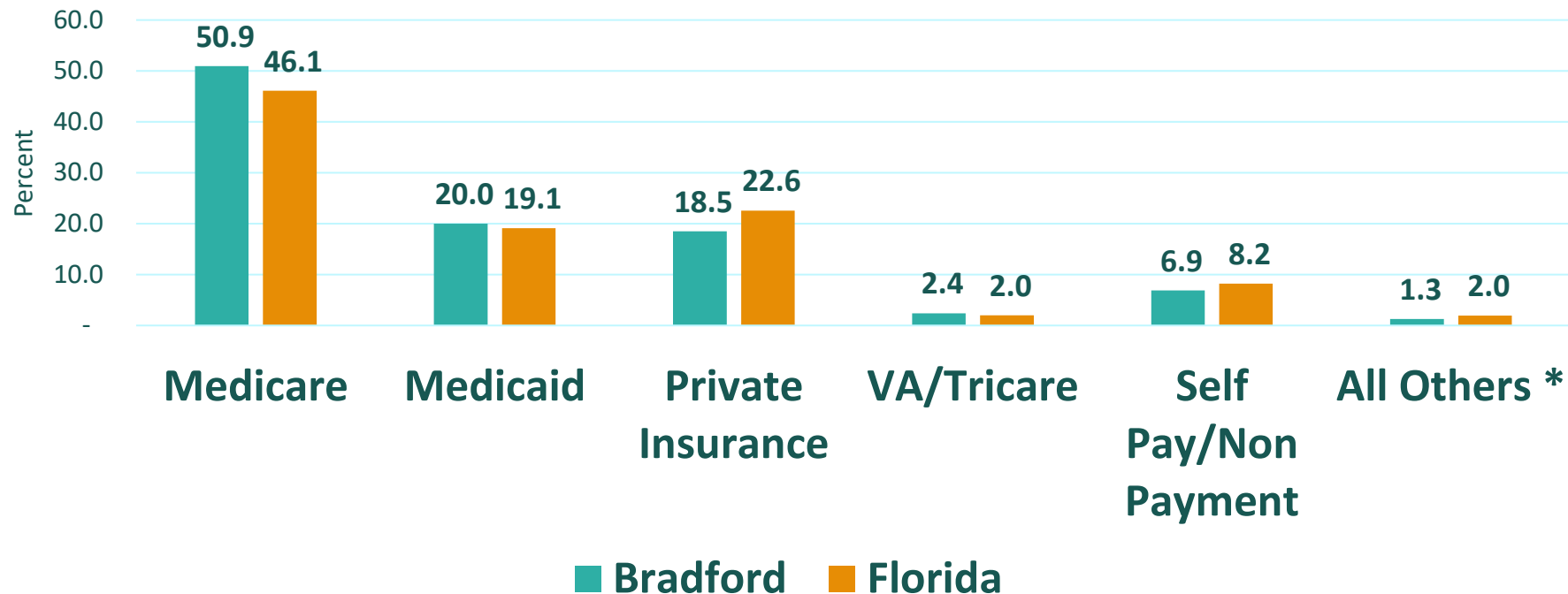
Avoidable Discharges

Top 10 Reasons for Avoidable Discharges Bradford County, January – Calendar Year 2018 (N=425)	
Avoidable Reason	**Percent of Total (N)**
Dehydration - volume depletion	47.5
Chronic Obstructive Pulmonary Disease	13.9
Nutritional Deficiencies	9.2
Cellulitis	6.8
Congestive Heart Failure	6.6
Grand mal status or other epileptic convulsions	5.4
Diabetes "A"	4.9
Asthma	4.0
Diabetes "B"	3.8
Gastroenteritis	2.8

Emergency Department Visits

Top Reasons for ED Visits Bradford County Residents, Calendar Year 2018 (N=17,583)	
Reason for Visit (ICD 10 code)	**Percent of Total (N)**
Cough (R05)	6.2
Fever, unspecified (R50.9)	3.9
Unspecified abdominal pain (R10.9)	3.3
Headache (R51)	3.0
All Others	67.2

Preventable Oral Health/Dental ED Visits

Area	Total Dental ED Visits	Total Preventable Dental ED Visits	Percent of Total Dental ED Visits	Total Dental ED Visit Rate Per 1,000	Total Preventable Dental ED Visit Rate Per 1,000 Population
Calendar Year 2018					
Bradford County	589	419	71.1	21.5	15.3
32044 Hampton	40	18	45.0	22.5	10.1
32058 Lawtey	62	41	66.1	12.3	8.1
32091 Starke	465	342	73.5	30.6	22.5
32622 Brooker	22	18	81.8	10.2	8.4

Key Findings – Community Themes and Strengths

Primary data collected by the community survey and focus groups. It includes the perspectives and opinions of Bradford County residents on health issues.

Community Survey

Bradford Residents' Input and Perspectives on Health

Community Survey
- 175 respondents from Bradford County (3 times more than 2017)
  - 83% Female, 14% Male
  - 79% White, 8.6% Black, 96% Non-Hispanic
  - Ages:
    - 4.6% - 18-24,
    - 5.1% - 25-29,
    - 15.4% - 30-39;
    - 19.4% - 40-49,
    - 27.4% - 50-59,
    - 17% - 60-70
    - 10.3% - 70+
  - 74% Employed Full-Time
  - 68.6% Health Insurance through job
  - 15.4% Medicare
  - 10.9% Medicaid
  - 10.3% Paid for own health insurance
  -

Bradford Residents' Input and Perspectives on Health

Factors that Define a Healthy Community (top 5 responses)

- Access to **health care** (65.7%)
- Good **schools** (32.6%)
- Access to convenient, affordable and nutritious **foods** (30.3%)
- **Job** opportunities for all levels of education (29.7%)
- Low crime and **safe neighborhoods** (17.1)

Bradford Residents' Input and Perspectives on Health

Behaviors with the Greatest Negative Impact on Overall Health (top 5 responses)

- **Drug** abuse (69.7%)
- Lack of **personal responsibility** (30.3%)
- Eating **unhealthy food**/drinking sugar sweetened **beverages** (29.7%)
- **Alcohol** abuse (23.4%)
- **Not using health care services** appropriately (18.9%)

Bradford Residents' Input and Perspectives on Health

Biggest Health Problems for Bradford County (top 5 responses)

- **Substance** abuse/**drug** abuse (36.6%)
- **Obesity** (29.7%)
- **Mental health** problems (27.4%)
- Access to sufficient and nutritious **food** (17.7%)
- **Child abuse** and neglect (16.6%)

Bradford Residents' Input and Perspectives on Health

Health Care Services that are Difficult to Obtain in Bradford County (top 5 responses)

- **Specialty care** (38.9%)
- **In-patient hospital care** (33.7%)
- **Imaging** (such as CT scan, MRI) (32.6%)
- **Alternative medicine/alternative therapy** (30.3%)
- **Urgent care** (24.6%)

Bradford Residents' Input and Perspectives on Health

Barriers to Getting Needed Health Care Services

22.3% of respondents didn't get the **primary care** they needed

- 61.5% because of **cost**, 38.5% because **no appointments** available

32.6% of respondents didn't get the **dental care** they needed

- 70.2% due to **cost**, 31.6% because of **insurance** issue

13.1% of respondents didn't get the **mental health or substance use care** they needed

- 47.8% due to **cost**, 34.8% because of **insurance** issue, 30.4% because **no appointments** available

Bradford Residents' Input and Perspectives on Health

Two Biggest Challenges in the Last 12 Months (all responses)

- None were challenges for me (49.1%)
- Mental health/depression (14.9%)
- Affordable utilities (11.4%)
- Food (having enough nutritious food) (10.9%)
- Access to doctor or dentist (9.1%)
- Childcare (8%)
- Employment (6.9%)
- Transportation (4%)
- Housing (4%)
- Personal safety (3.4%)

By Income:
Lower income brackets issues:
- Food
- Utilities
- No challenges

Middle income:
- No challenges
- Mental health/depression
- Childcare

Upper income:
- No challenges
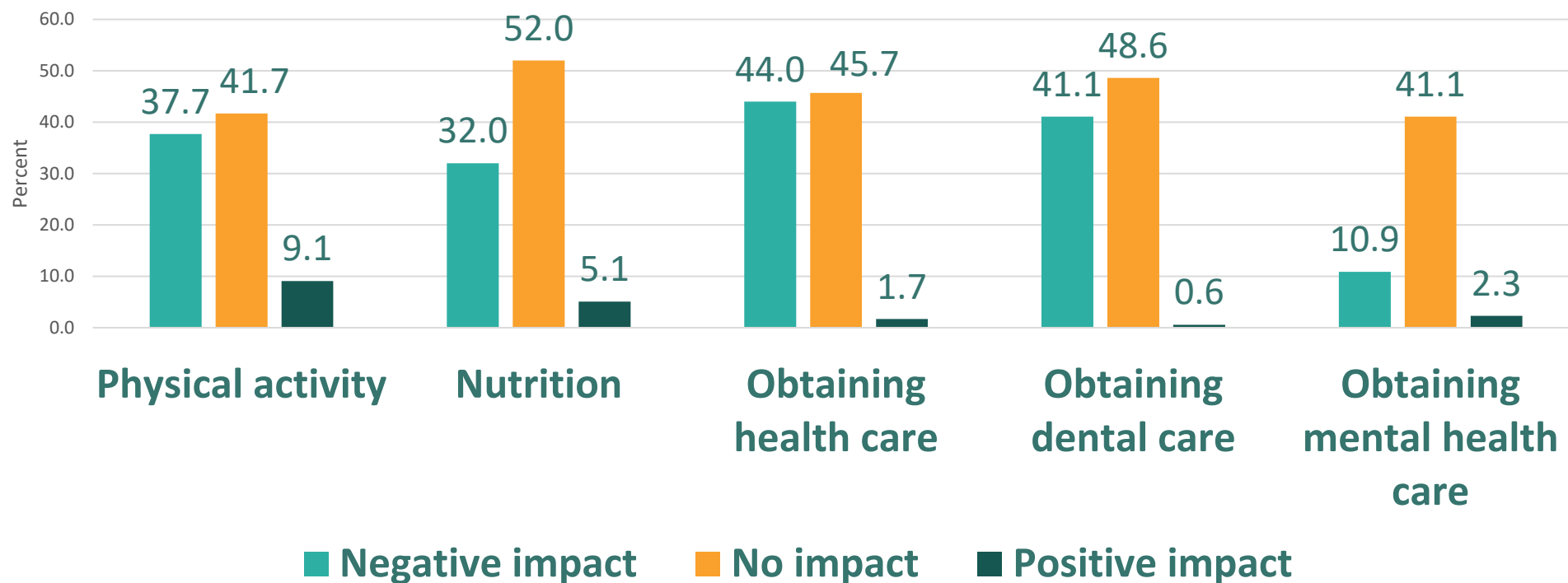- Employment
- Mental health/depression

Bradford Residents' Input and Perspectives on Health

Rating of Overall Health of Bradford County Residents and Personal Health

Rating	Overall	Personal
Very unhealthy	3.4 percent	1.1 percent
Unhealthy	30.3 percent	6.9 percent
Somewhat healthy	54.9 percent	39.4 percent
Healthy	9.7 percent	45.1 percent
Very healthy	1.7 percent	7.4 percent

Bradford Residents' Input and Perspectives on Health

Impact of COVID-19 Pandemic on Health Behaviors

- Increased **tobacco use** (4.6%)
- Increased **alcohol use** (9.7%)
- Decreased **alcohol use** (5.1%)
- Increased **drug/substance use** (1.1%)
- Delayed getting **health care services** (48.6%)
- Household has an **emergency plan** (77.1%)

Focus Groups

Focus Group Key Findings

2 Focus Groups

- September 23, New River Health Care, 6 participants
- October 21, Community Leaders, Virtual Format, 6 participants
  - Participants represented both Bradford and Union Counties
  - Covered topics such as
    - Pressing, persistent health issues
    - Impact of education, jobs, affordable housing, transportation and food security on health
    - Groups with unequal access to care and services, and groups with higher risk of poorer health outcomes and quality of life

Focus Group Key Findings

Important, pressing **health issues/problems and behaviors**
- Diabetes, COPD, high blood pressure, STDs, infant mortality
- Poor nutrition leads to chronic conditions (diabetes, heart disease)
- Substance abuse
- Tobacco use

Access-related issues/problems
- Lack of adult dental care is persistent problem
- Limited services for senior citizens
- Hospital closure compounded access problem
- Transportation

Focus Group Key Findings (continued)

Challenges with meeting **basic needs**

- Education, jobs, housing, transportation and food (social determinants of health) are persistent, underlying problems

Barriers to good health, quality of life

- Low health literacy
- Fear of being judged, local social norms, generational practices

Strengths and resources

- Local churches and non-profit organizations including food banks
- Some specialty services returning to the ara

Other needs

- Leadership, modeling of healthy behaviors
- More collaboration among agencies, counties, regional partners

Comments?

Next Steps: Soon to be Published

2020 Bradford County and Union County Community Health Assessment Technical Appendix

Bradford County Community Health Assessment Report

For more information about the assessment process, contact:
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