

BROWARD HEALTH ENCHMARKS

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6/26/2023





Indicators Showing Improvement

*Data calculated per 100,000

Maternal & Child Health

Repeat Births to Teens 15-19 Years Old (-2.0)

Children Fully Immunized (+1.8%)

Communicable Diseases

Hepatitis A (-1.0)

Chronic Diseases

Death from Cancer (-1.0)

Death from Chronic Lower Respiratory Disease (-4.6)

Death from Stroke (-1.4)

Death From Heart Disease (-5.0)

Social & Mental Health

High Schoolers Who Were Not Active 60 Minutes a Day (-2.2)

High Schoolers Who are Cigarette Smokers (-1.9)

High Schoolers Who Have Ever Used Marijuana (-10.1%)

Health Resource Availability & Access to Care

Uninsured Population (-2.6%)



Indicators with Minimal Change (≤ 0.9)

*Data calculated per 100,000

Maternal & Child Health
Infant Mortality (+.2)
Preterm Birth (+.6)
Low Birth Weight (+.6)
Communicable Diseases
Tuberculosis Cases (+.4)
AIDS Cases (+.3)
Acute Hepatitis B (+/-0.0)
Salmonellosis (-.7)
Chronic Diseases
Alzheimer's Disease Deaths (-.6)
Injury and Violence
Death From Unintentional Food Poisoning (+.1)
Unintentional Fall Deaths (+/-0.0)
Social & Mental Health
Adults Who are Sedentary (+.2)



Indicators Not Showing Improvement

*Data calculated
per 100,000

Maternal & Child Health

Kindergarten Immunizations (-2.1%)

Communicable Diseases

Gonorrhea (+26.3)

Syphilis (+4.1)

Chlamydia (+16.7)

Shigellosis (+1.4)

Injury & Violence

Unintentional Death Rate (+4.1)

Motor Vehicle Death (+1.1)

Social & Mental Health

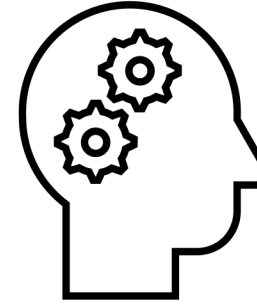
Obese Adults (+2.0)

Current Smokers (+1.1)

High Schoolers Who are Obese (+6.3%)

High Schoolers Who are Overweight (+1.8%)

Maternal & Child Health: Prevention/Improvement



Funded Programs

- ▶ Local, State and National programs allow for proper care for both newborn children as well as mothers, while focusing on prevention and preparation.

Funded Research

- ▶ Allows for the identification of maternal and child health issues, while providing solutions to high death rates in our community.

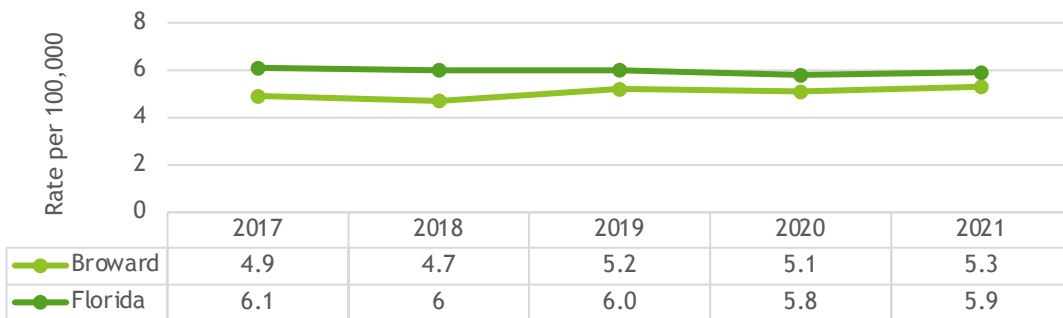
Data Collectives & Initiatives

- ▶ Acts as a resource to both research being conducted, and government funded programs, providing relevant data that allows for more educated decisions.



Maternal & Child Health: Infant Mortality

Infant Mortality



The infant mortality rate, considered to be a leading indicator of community health, is defined as deaths during the first year of life. It is a reflection of the mother's health, maternal care system effectiveness, newborn health, and care and follow-ups with well child services during the first year of life. Secondary indicators that contribute to infant mortality are repeat births to teens, prenatal and infant screenings, and low birth weight.

Infant Mortality Rate (per 1,000)	2017	2018	2019	2020	2021
White	2.5	2.2	2.4	3.0	2.9
Non-White	7.6	7.7	8.8	7.7	8.3

HP 2030 Goal

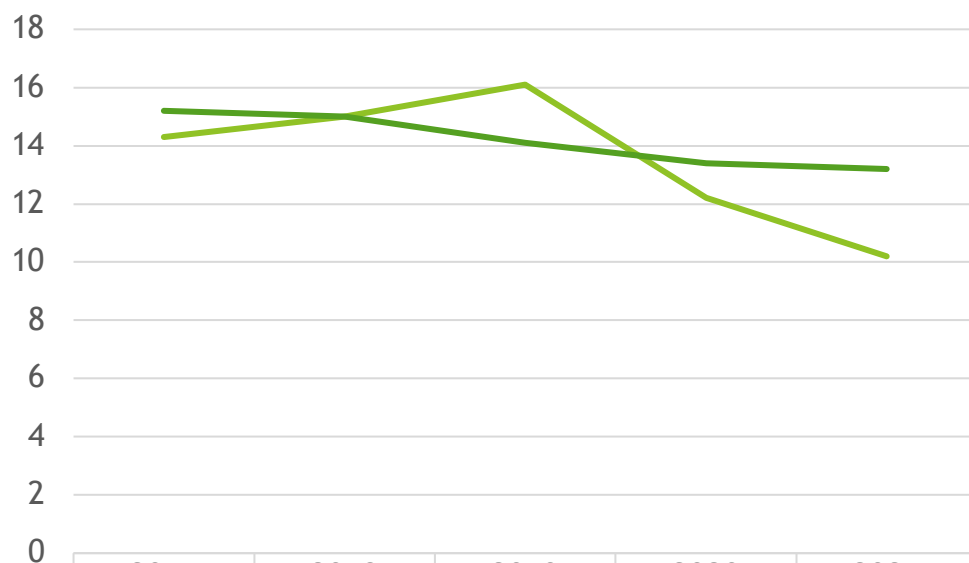
5.0

Since 2017, rates for infant mortality have been consistently lower in Broward County when compared to the state as a whole. As of 2021, the total infant mortality rate of 5.3 does not meet Healthy People 2030 Goal. From 2020 to 2021 Whites experienced a rate decrease while Non-Whites experienced an increase.



Maternal & Child Health: Repeat Births to Teens

Repeat Births to Teens



	2017	2018	2019	2020	2021
— Broward	14.3	15	16.1	12.2	10.2
— Florida	15.2	15	14.1	13.4	13.2

— Broward — Florida

From 2019 to 2021 Broward experienced a decrease in repeat births to teens, dropping from a rate of 16.1 to 10.2. Broward currently sits below Florida's 2021 rate of 13.2.

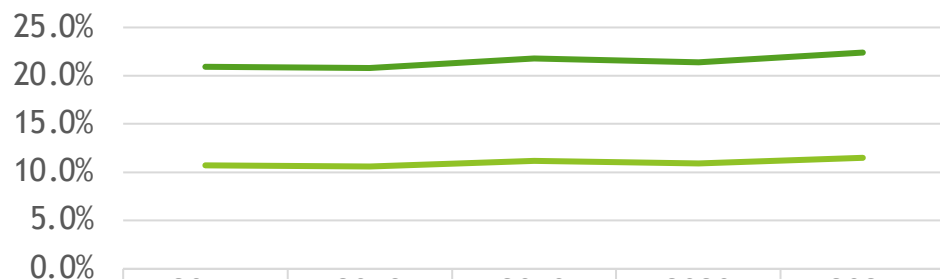
HP 2030 Goal

Not Available



Maternal & Child Health: Preterm Births

Preterm Births (<37 Weeks Gestation)



	2017	2018	2019	2020	2021
Florida	10.2%	10.2%	10.6%	10.5%	10.9%
Broward	10.7%	10.6%	11.2%	10.9%	11.5%

— Broward — Florida

Broward’s rate for preterm births has been consistently higher than Florida’s since 2017. Though, both Broward and Florida’s Preterm Birth Rates have been climbing in recent years.

% of Preterm Births	2017	2018	2019	2020	2021
White	7.1	7.0	6.8	6.4	6.9
Non-White	12.9	12.9	13.0	12.5	13.0

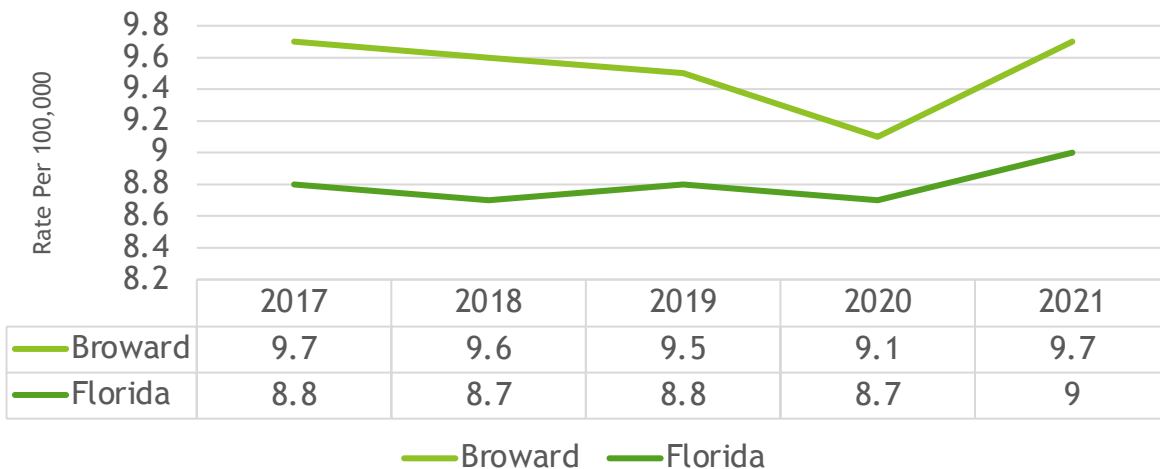
HP 2030 Goal

9.4%



Maternal & Child Health: Low Birth Weight

Low Birth Weight



Broward has had higher rates of LBW than Florida since 2012. The 2021 rate of 9.7 (an increase from 9.1 in 2020) is the highest rate since 2017.

Low Birth Weight Rate (per 100,000)	2017	2018	2019	2020	2021
White	7.1	7.0	6.8	6.4	6.9
Non-White	12.9	12.9	13.0	12.5	13.0

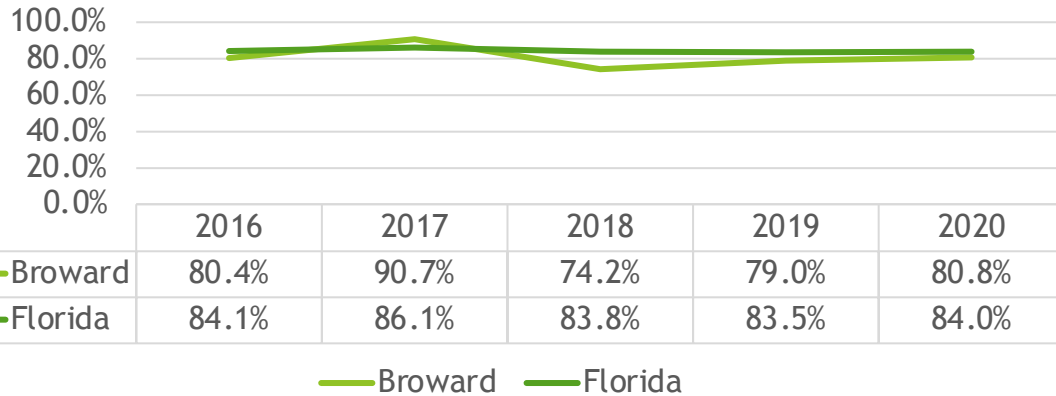
With regards to race, since 2017 whites have had a lower rate of low birth weight when compared to non-white statistics.

HP 2030 Goal
Not Available

Maternal & Child Health: Immunizations



Children Fully Immunized (Aged 2 Years)

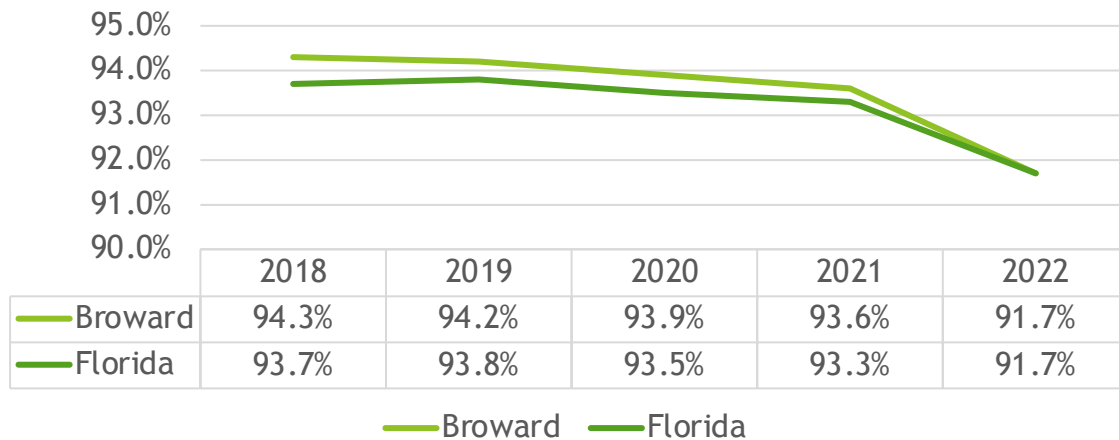


Over the years the percent of 2-year olds receiving their immunizations has fluctuated. In 2020, immunizations among this population increased from the previous year.

HP 2030 Goal

90%

Kindergarten Immunizations

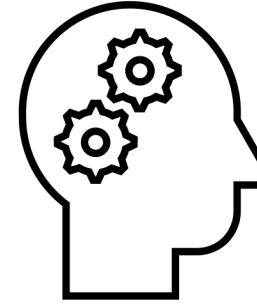


Kindergarten immunizations have been relatively stable over the past decade, but in 2020 we saw the beginning of a decrease in the number of vaccinated Kindergarteners.

HP 2030 Goal

95%

Communicable Disease: Prevention/Improvement



Epidemiology & Surveillance

- ▶ Using data regarding the dangers and prevalence of disease in an area, allows for scientists and community health officials to make educated decisions on how to alert/protect citizens.

Environmental Approaches

- ▶ Healthy environments allow for healthy people and lifestyles. Laws and incentives that promote healthy practices, protect citizens and lessens the impact of communicable diseases.

Health Care System Interventions

- ▶ Strengthening health care systems allows for the early interception of diseases, as well as providing a system that prevents breakouts.

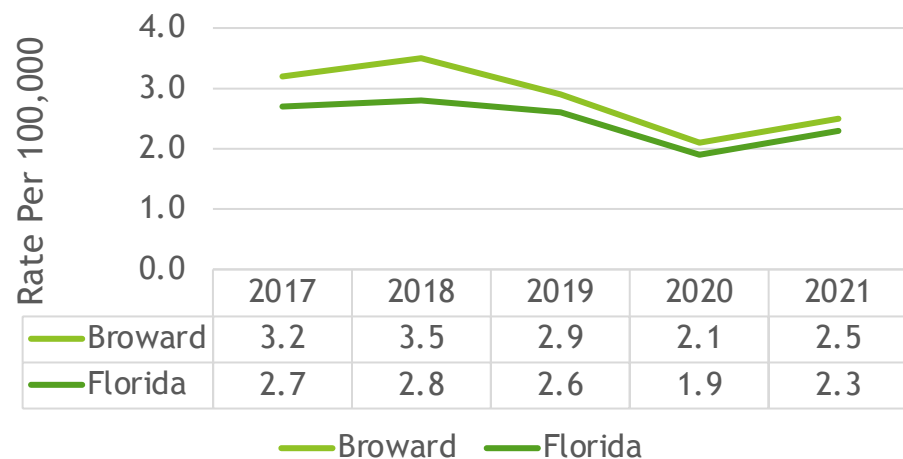
Community Programs

- ▶ Improves the lives of those affected by communicable diseases, educates the public and reduces the impact felt by health care providers.

Communicable Diseases: Tuberculosis & AIDS



Total Tuberculosis Cases

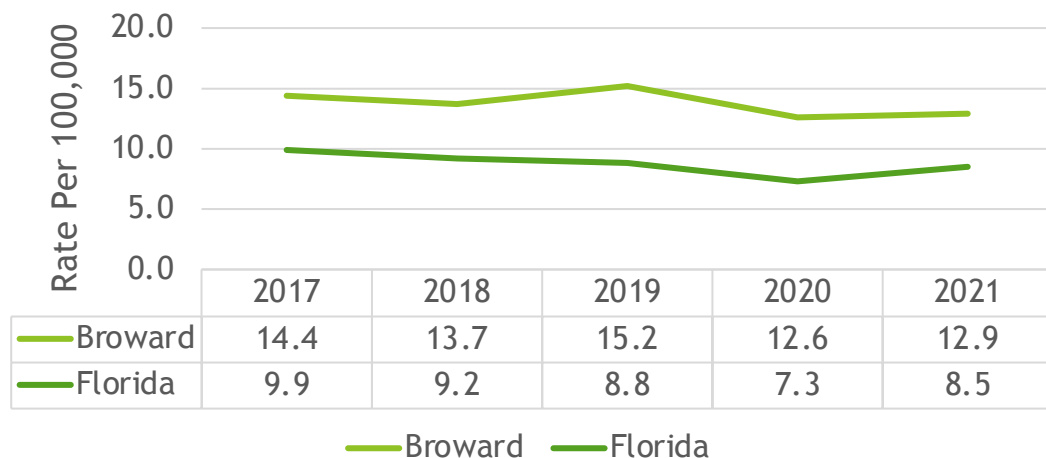


Broward has had significantly less tuberculosis cases in the past 5 years when compared to Florida. Both Florida and Broward's movements on the graph have mirrored each other, falling from 2018-2020 while rising slightly the following year.

HP 2030 Goal

1.4

AIDS Cases



The AIDS rate in Broward County remains higher than Florida's, seeing a slight increase of .3 from 2020 to 2021.

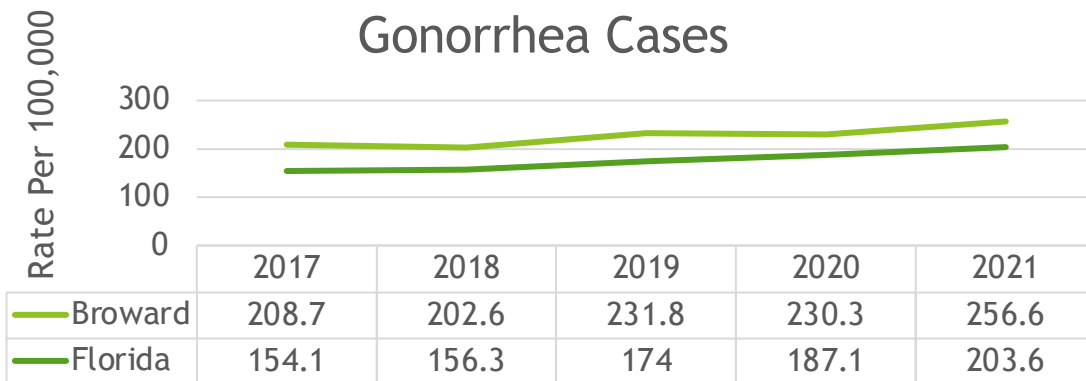
HP 2030 Goal

Not Available

Communicable Diseases: Sexually Transmitted Infections



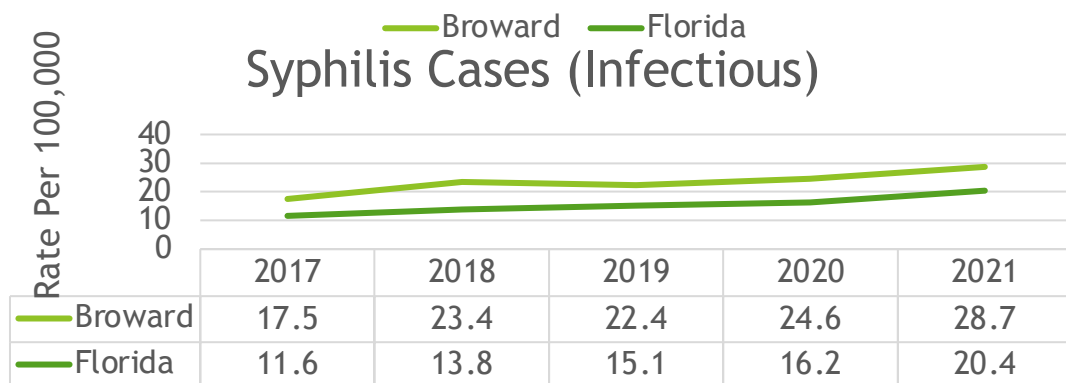
Gonorrhea Cases



Gonorrhea cases have been steadily increasing since 2017. Broward has a significant higher rate of cases than Florida.

HP 2030 Goal
Not Available

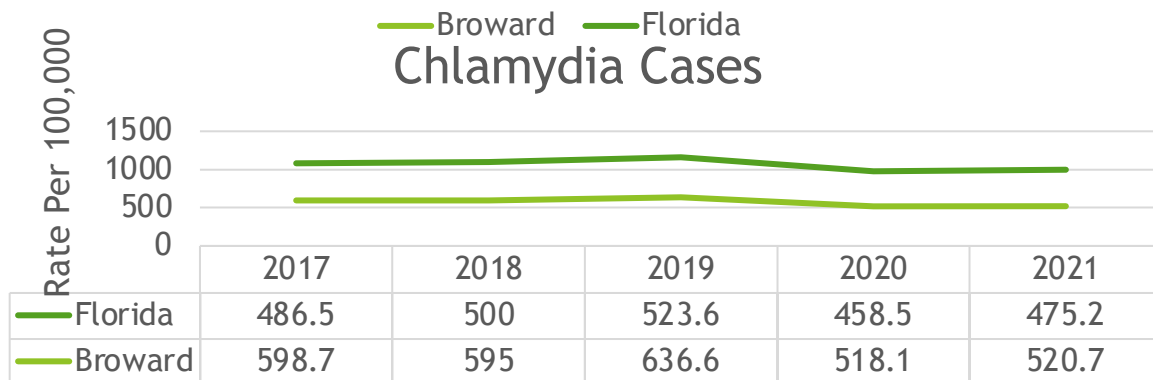
Syphilis Cases (Infectious)



Syphilis rates in Broward and Florida has been climbing in recent years, Broward has seen an overall increase of 17.5 in 2017 to 28.7 in 2021 while Florida saw an increase from 11.6 in 2017 to 20.4 in 2021.

HP 2030 Goal
Not Available

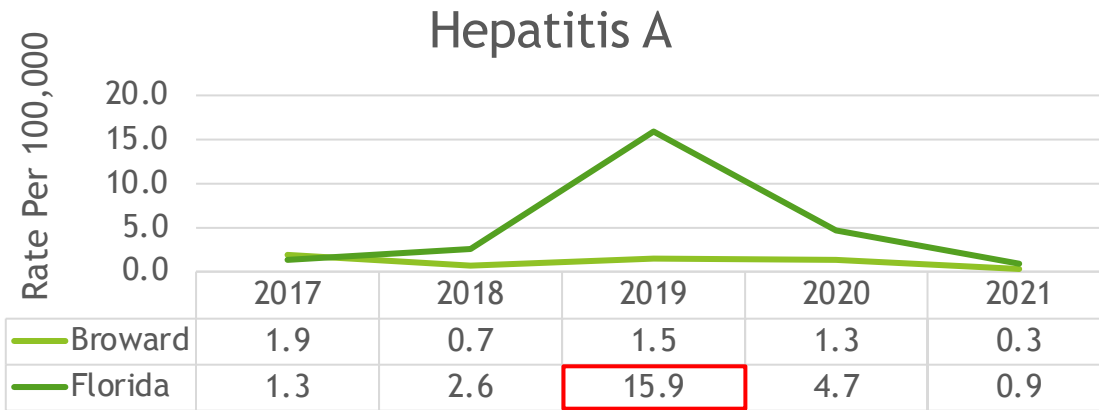
Chlamydia Cases



Chlamydia rates in Florida have been consistently higher than Broward's over the past 5 years. Both the county and state saw an overall increase from 2018 to 2019 followed by a decrease in 2020.

HP 2030 Goal
Not Available

Communicable Diseases: Hepatitis A&B



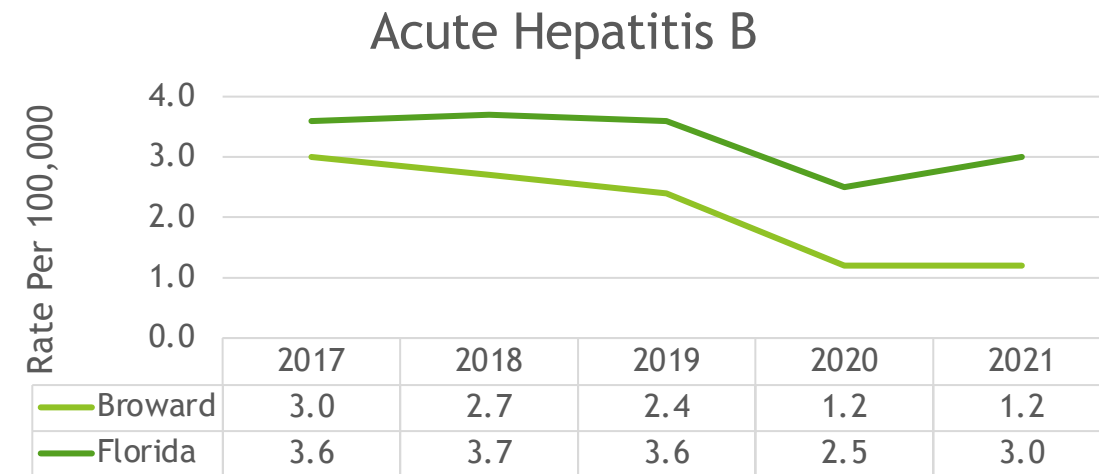
*2019 Outlier is Unconfirmed

— Broward — Florida

The rate for Hepatitis A in Broward saw an increase in 2019 before falling favorably in 2020, and ultimately getting below the 2030 goal in 2021.

HP 2030 Goal

0.4



— Broward — Florida

Broward's Acute Hepatitis B rates have been trending down since 2017 and have remained constant in the past two years of reported data.

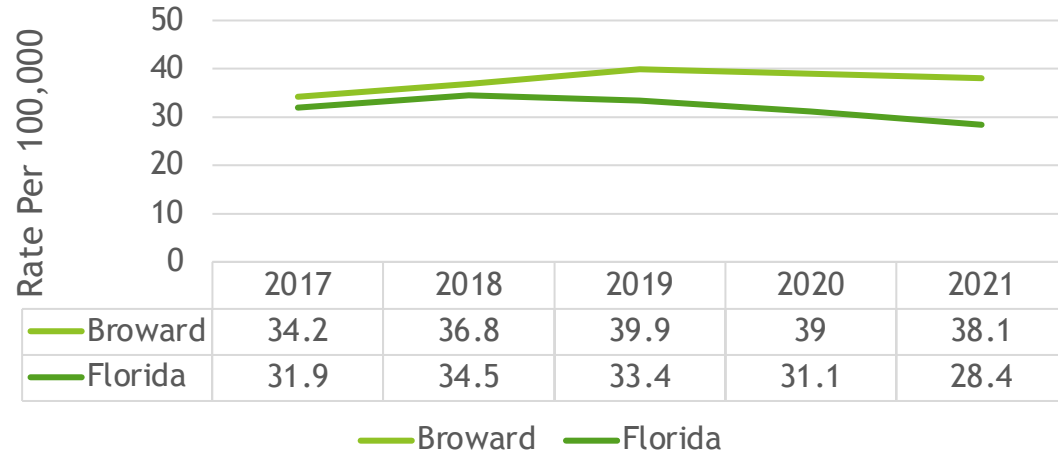
HP 2030 Goal

0.1

Communicable Diseases: Salmonellosis & Shigellosis



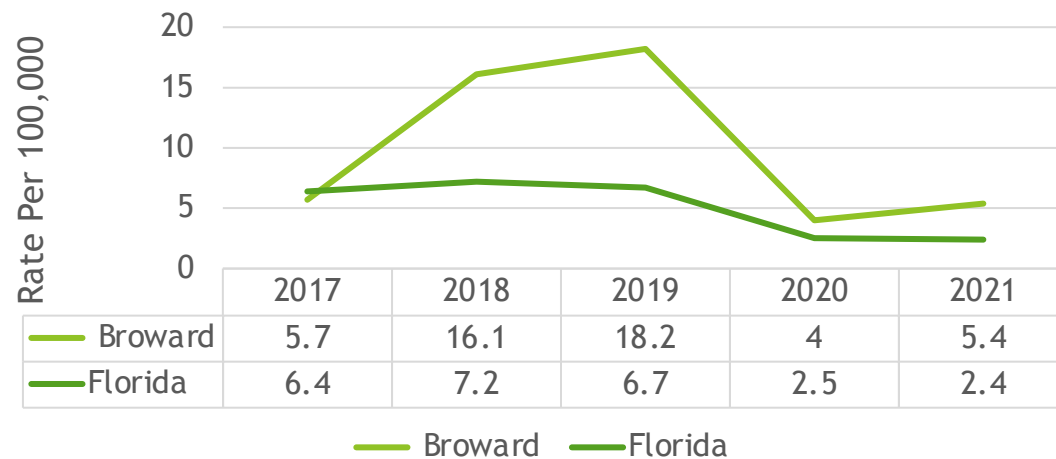
Salmonellosis



Salmonellosis rates have fell every year since 2019 in both Broward and Florida. Though, rates are still higher than that of the preferred HP 2030 goal of 11.5.

HP 2030 Goal
11.5

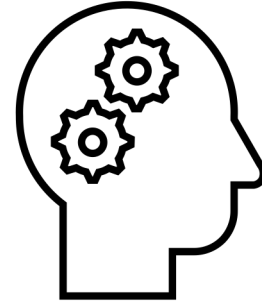
Shigellosis



Shigellosis cases in Broward saw a sharp increase over the years of 2018 and 2019. They fell down to a rate that was more consistent with past data in 2020 and 2021.

HP 2030 Goal
Not Available

Chronic Diseases: Prevention/Improvement



Public Education

- ▶ Programs and campaigns that educate the public on disease causing habits such as smoking, unhealthy diet, lack of exercise and more.

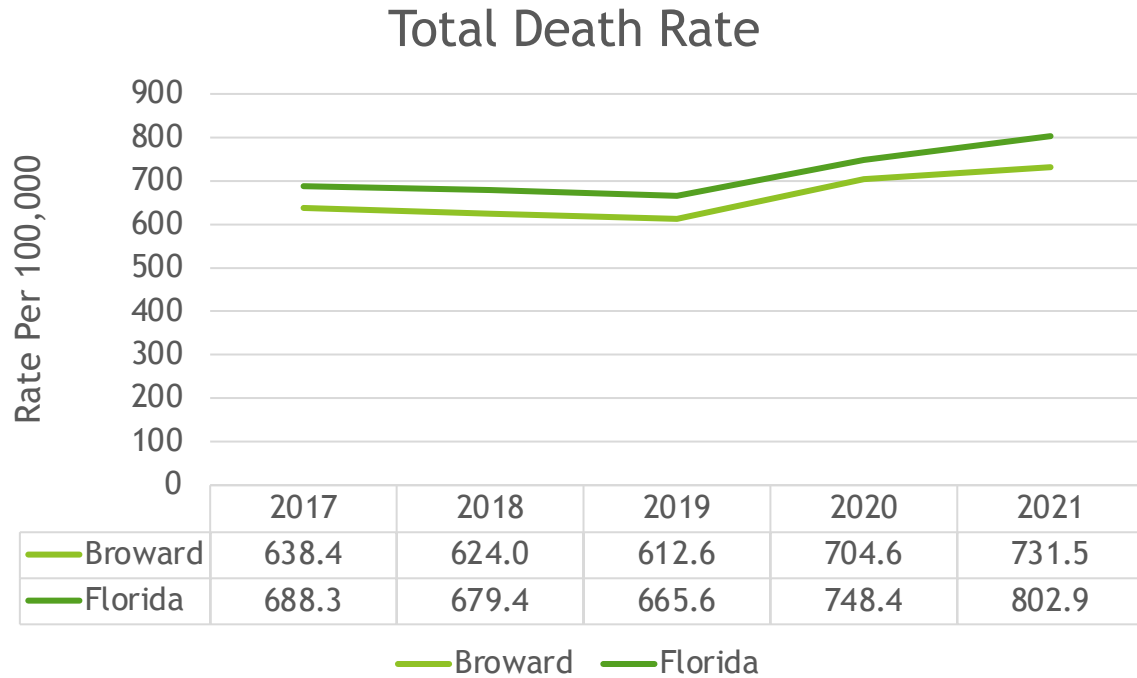
Community Resources

- ▶ Public spaces and programs that allow for mental health improvement and provide resources for those who are trying to improve their health through quitting habits such as smoking or drug use.

Screening

- ▶ Patients are more likely to catch diseases in an early, curable form when they attend regular screenings.

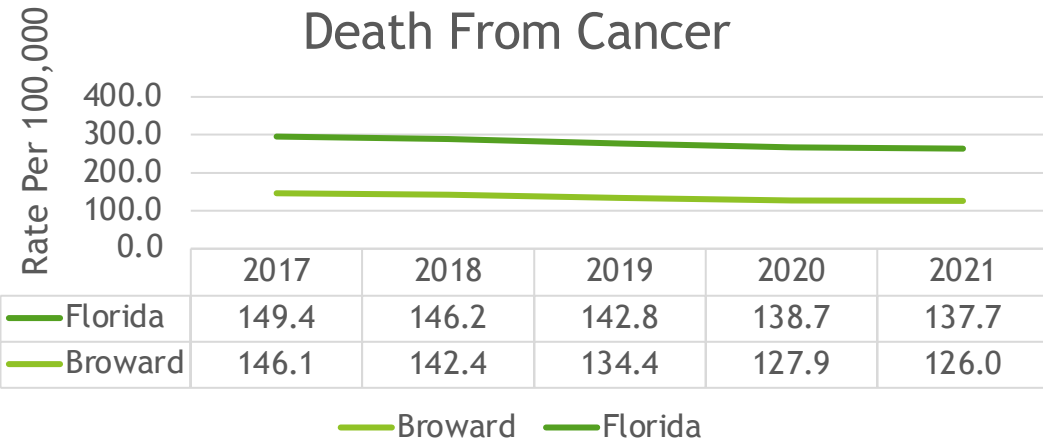
Chronic Diseases: Total Death Rate



The total death rate in Broward and Florida have closely mirrored each other in recent years, with Florida’s rate being slightly higher over this time frame.

HP 2030 Goal
Not Available

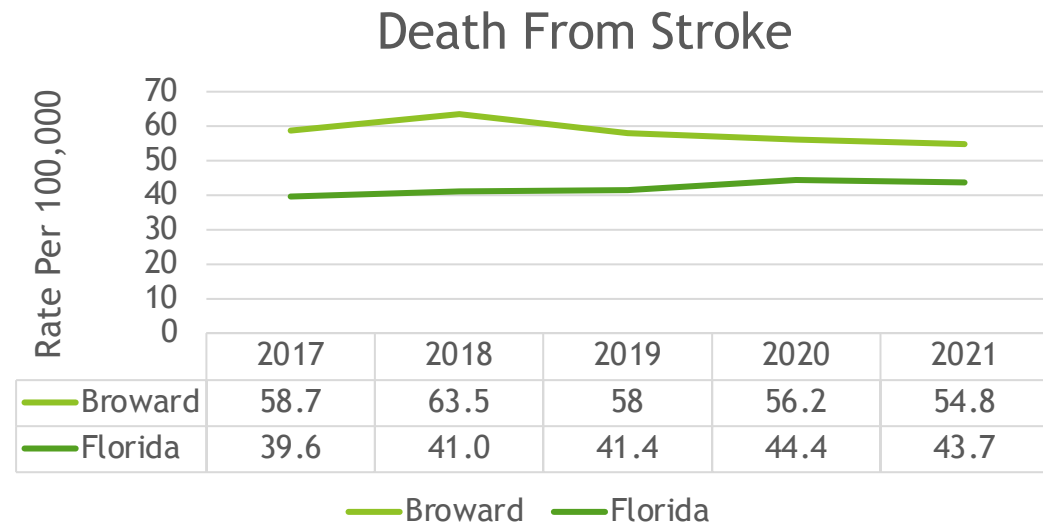
Chronic Diseases: Cancer & Stroke Deaths



Deaths from cancer have decreased in both Broward and Florida every year from 2017 to 2021.

HP 2030 Goal

122.7

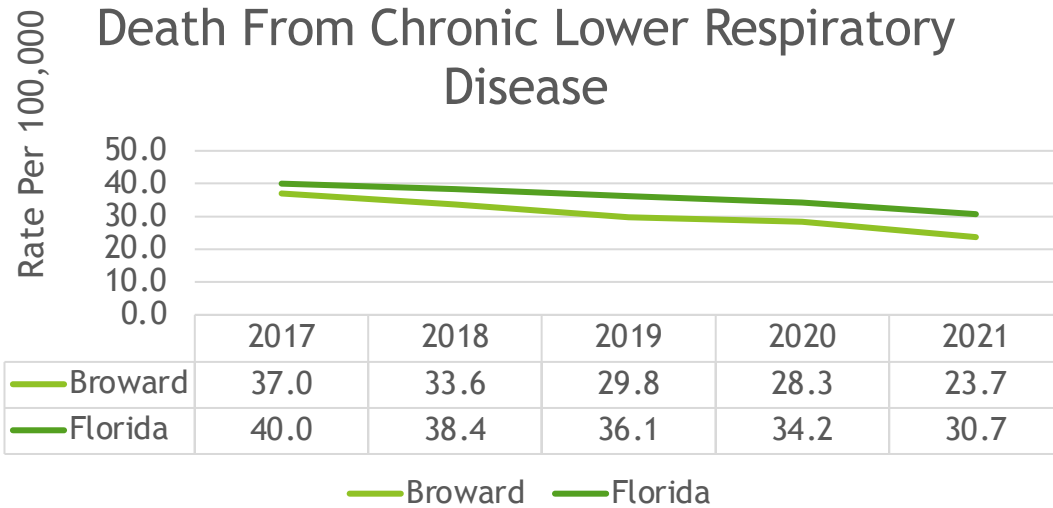


Deaths from stroke in Broward remain significantly higher in Broward compared to Florida in the past 5 years.

HP 2030 Goal

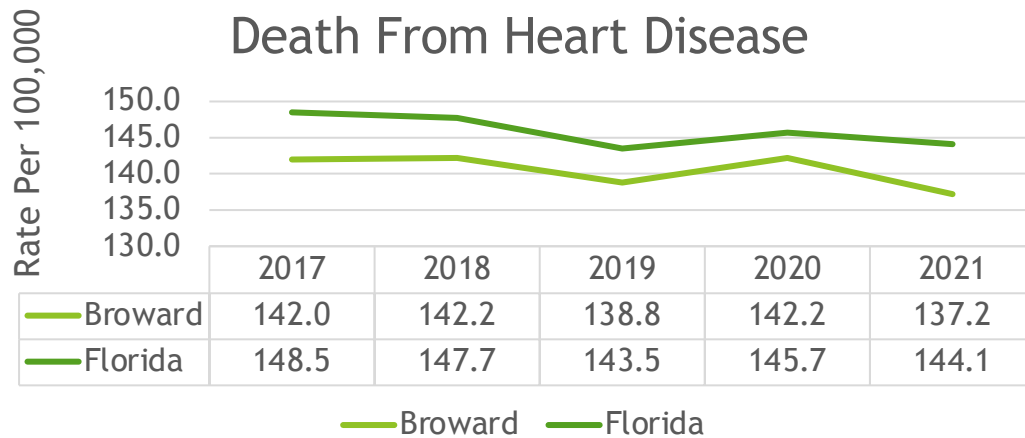
33.4

Chronic Diseases: Respiratory and Heart Disease Deaths



The death rate for chronic lower respiratory disease decreased in Broward from 28.3 to 23.7. During this same period, Florida's rate decreased from 34.2 to 30.7.

HP 2030 Goal
Not Available



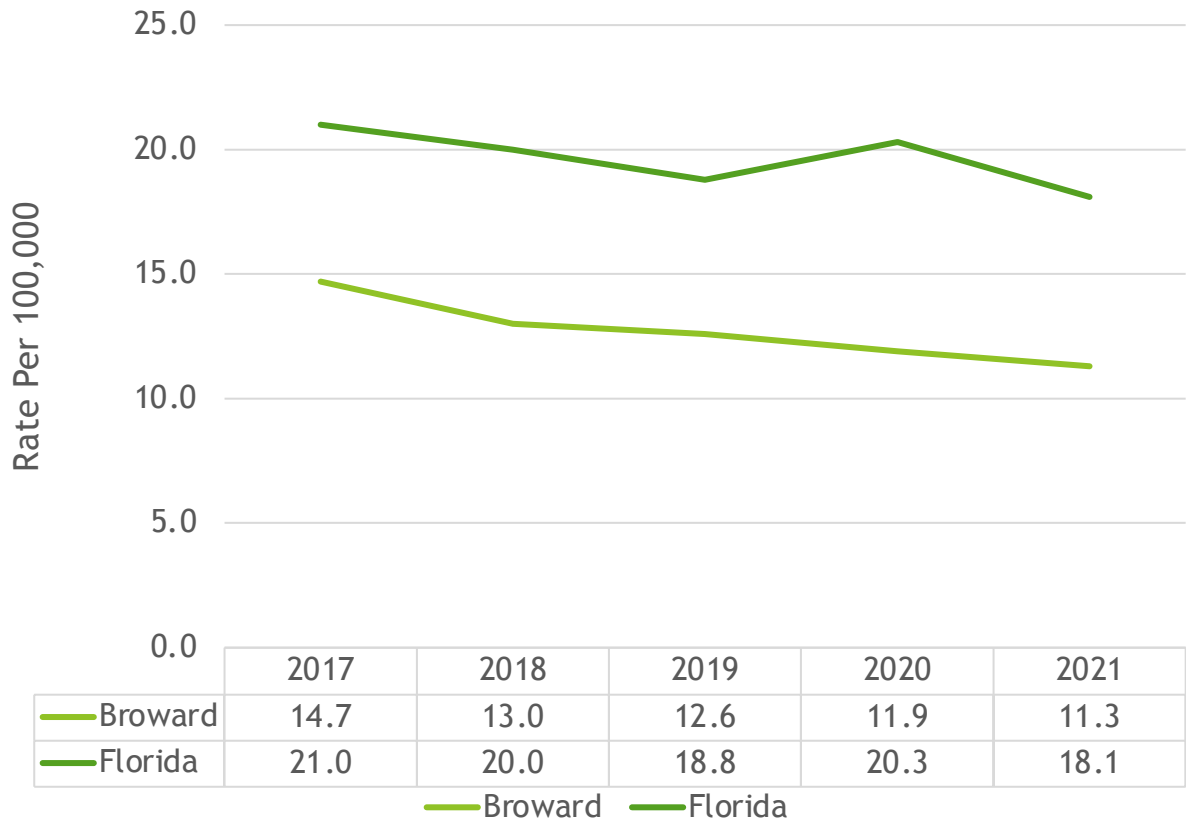
The death rate for heart disease has experienced significant decreases since 2012 reaching a 5-year low of 142.8 in 2015.

HP 2030 Goal
103.4

Chronic Diseases: Alzheimer's Disease Deaths



Alzheimer's Disease



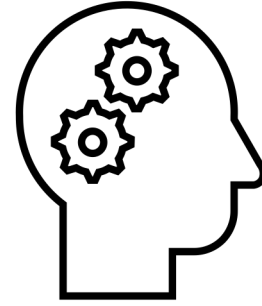
From 2017 to 2021 deaths related to Alzheimer's in Broward have decreased by an average of .85 each year.

HP 2030 Goal

Not Available

Source: FL Health Charts
2023 Broward County Health Benchmarks

Unintentional Death: Prevention/Improvement



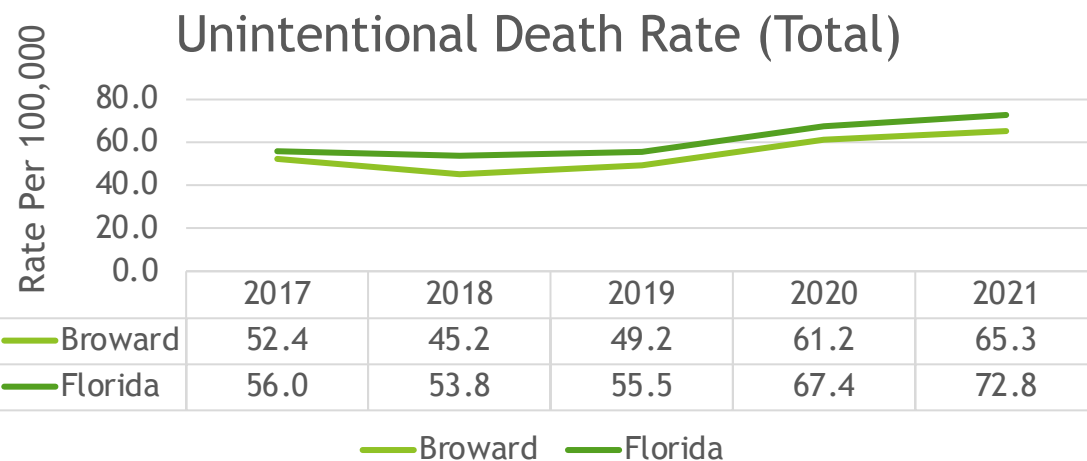
Strong Emergency Response

- ▶ The strength of community's hospitals and infrastructure allow for proper response to possibly dangerous unintentional accidents.

Education the Community on Potentially Dangerous Actions

- ▶ Programs that teach the youth about motor safety and proper habits while taking prescription drugs allow for safer habits while conducting potentially harmful actions.

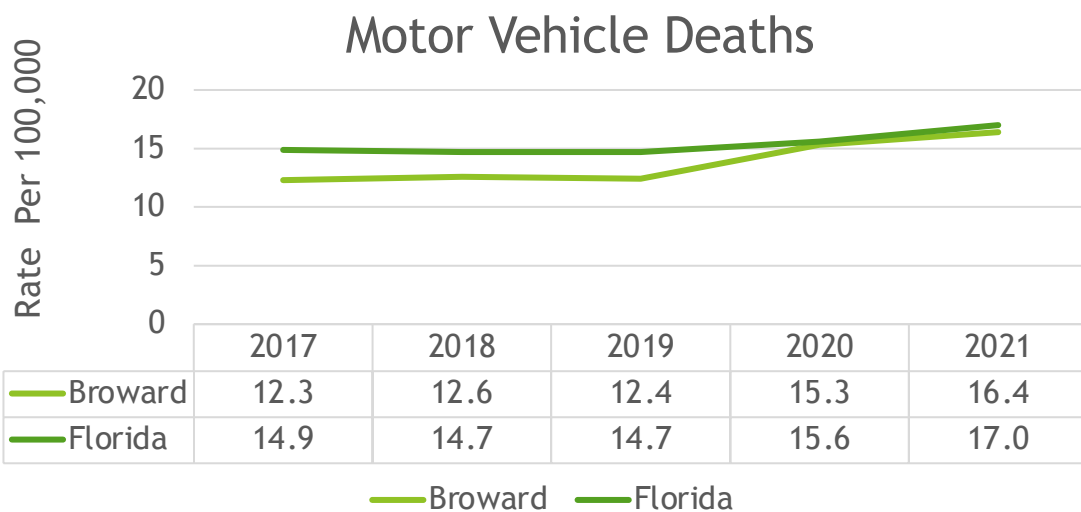
Injury & Violence: Unintentional Deaths



Unintentional death rates in both Broward and Florida have been increasing every year since 2018. They are far above the desired rate of 43.2.

HP 2030 Goal

43.2



Motor vehicle deaths in Broward increased from 2020 to 2021 from 15.3 to 16.4

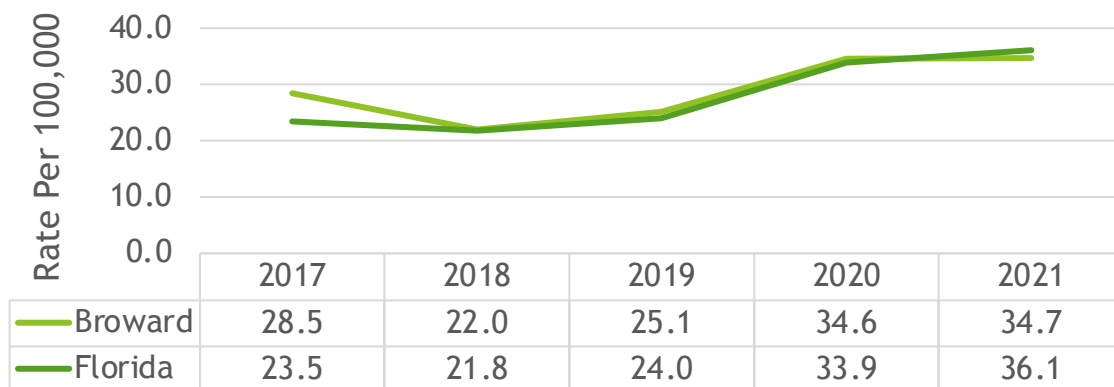
HP 2030 Goal

10.1

Injury & Violence: Unintentional Deaths



Deaths From Unintentional Poisoning

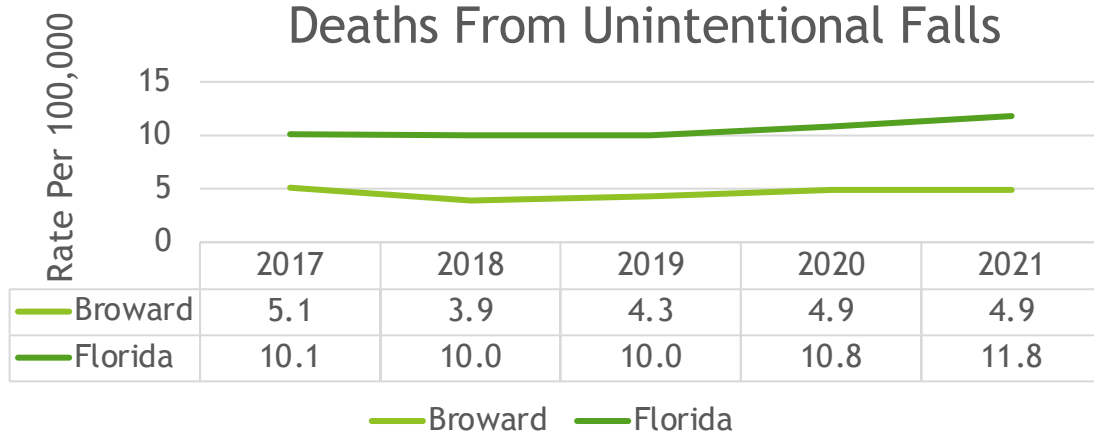


The rate of unintentional poisoning deaths in Broward have increased to a new high of 34.7 in 2021. In 2021, Florida's rate exceeded Broward's for the first time in the data set.

HP 2030 Goal

11.1

Deaths From Unintentional Falls

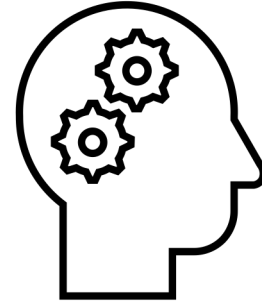


The death rate from unintentional falls in Broward has been significantly lower than Florida's rate.

HP 2030 Goal

7.2

Social & Mental Health: Prevention/Improvement



Stress Coping

- ▶ Teaching methods for stress coping from a young age within the community makes people more adept to deal with stressful situations without the intervention of drugs or alcohol.

Tools and Resources

- ▶ Ensuring that the community is aware of potential treatment and crisis management resources offered to them such as suicide and abuse hotlines.

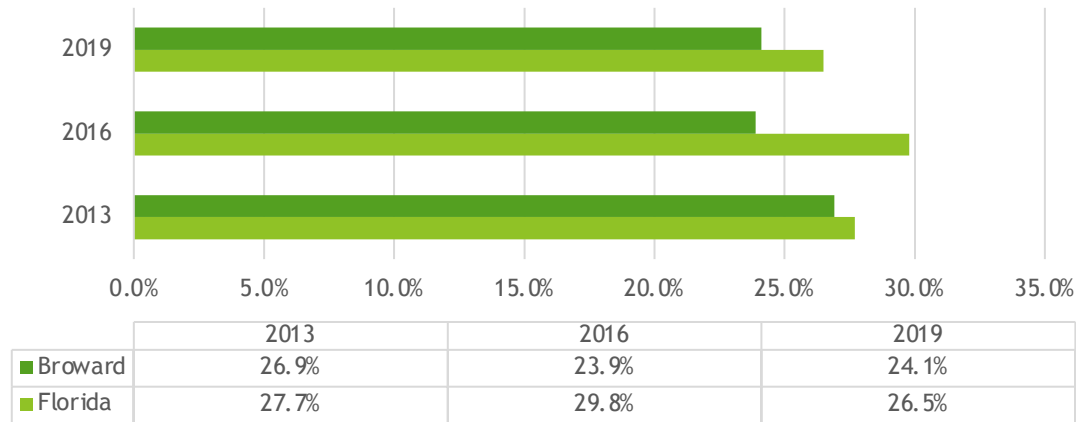
Public Health Data

- ▶ Highlights sectors that are improving or need improvement to provide a safer, healthier community.

Social & Mental Health: Behavioral Risk Factor Surveillance Survey



Adults Who Are Sedentary

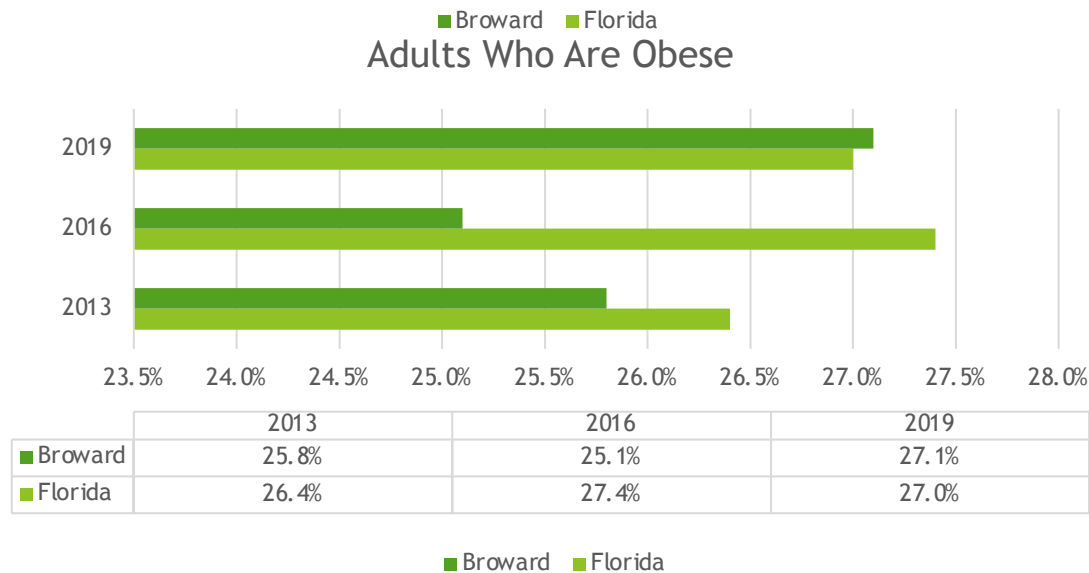


From 2013 to 2019 Broward saw a decrease of 2.8% in sedentary adults. During this same time frame, Florida experienced an overall change of 1.2%.

HP 2030 Goal

Not Available

Adults Who Are Obese



Obesity in adults living in Broward has been on the rise since 2013, but remains under the HP 2030 goal of 36%.

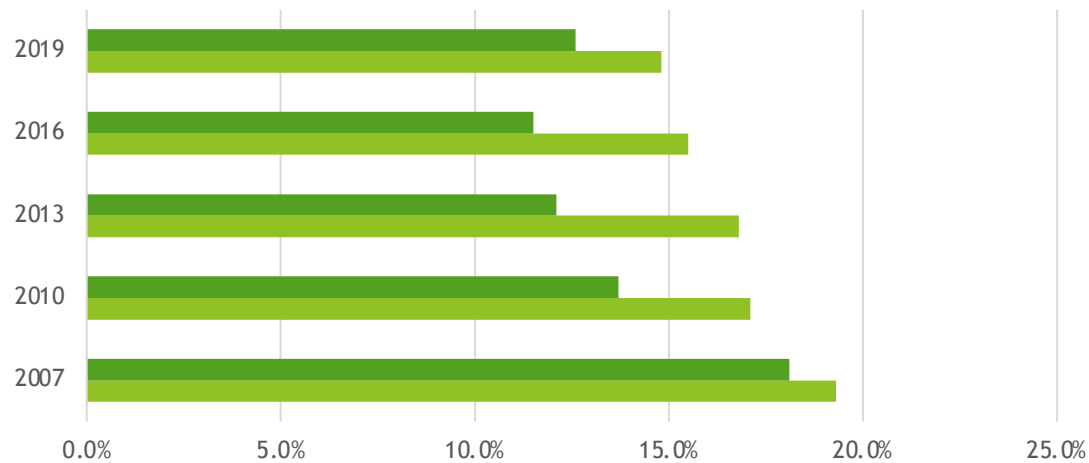
HP 2030 Goal

36%

Social & Mental Health: Behavioral Risk Factor Surveillance Survey



Adults Who Are Current Smokers



Broward's percent of adults who smoke cigarettes has seen a large decrease since 2007. This number is still fluctuating, and further work is needed to reach the goal of 6.1%. The county is trending ahead of Florida as its yearly numbers have consistently been lower, as seen in this data since 2007.

HP 2030 Goal

6.1%

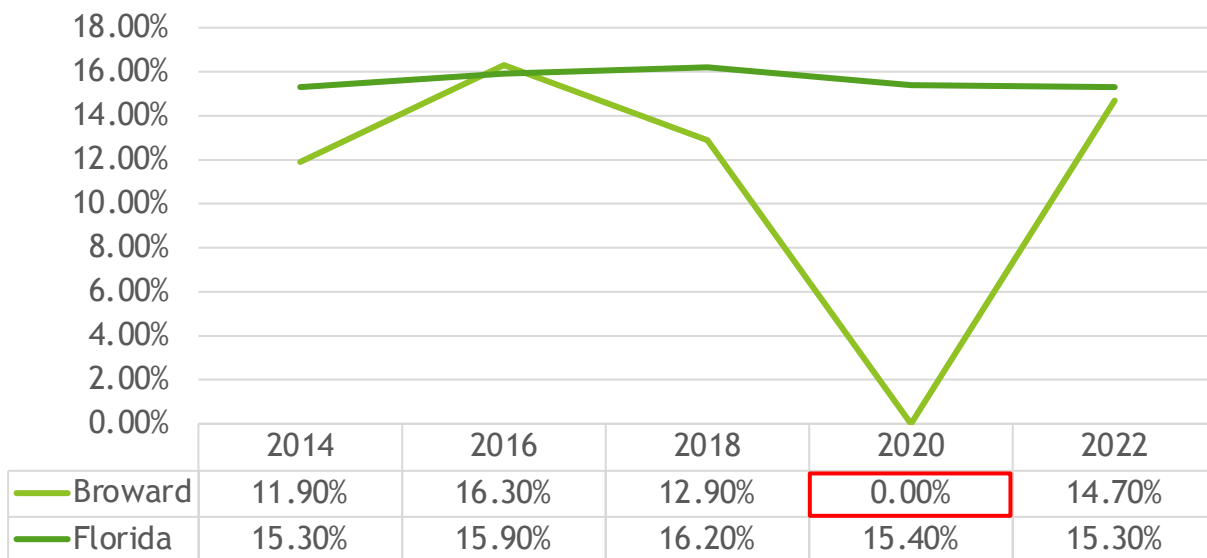
	2007	2010	2013	2016	2019
■ Broward	18.1%	13.7%	12.1%	11.5%	12.6%
■ Florida	19.3%	17.1%	16.8%	15.5%	14.8%

■ Broward ■ Florida

Social & Mental Health: Youth Risk Behavior Surveillance Survey



High School Students Who Are Overweight



*2020 Broward Data Unavailable

— Broward — Florida

Broward's percentages for obesity and overweight youth increased from 2018 to 2022 (from 12.9% to 14.7%). Florida's rate remains higher than Broward's, coming at 15.3% in 2022

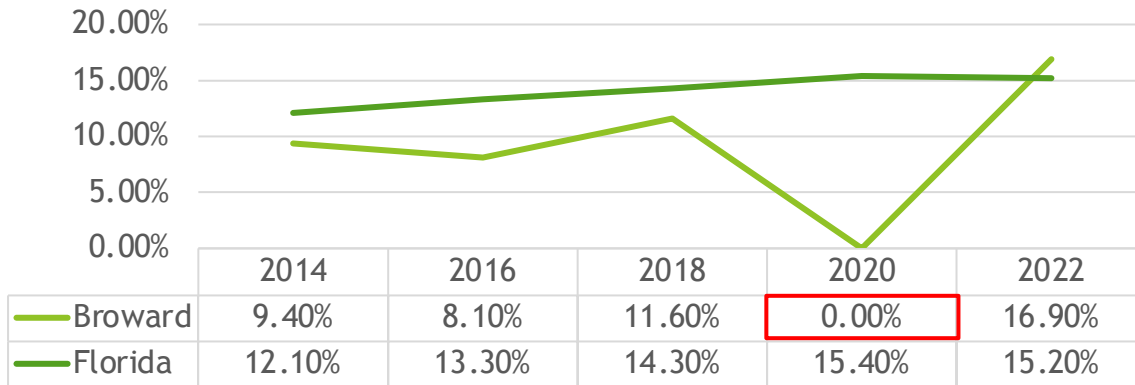
HP 2030 Goal

Not Available

Social & Mental Health: Youth Risk Behavior Surveillance Survey



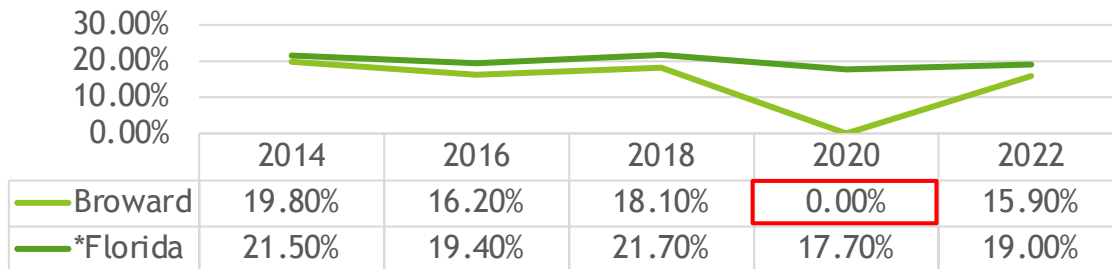
High Schoolers Who Are Obese



*2020 Broward Data Unavailable

— Broward — Florida

High Schoolers Who DID NOT Participate in 60 Minutes of Activity Everyday (Over Past 7 Days)



*2020 Broward Data Unavailable

— Broward — *Florida

Broward's 2022 obesity rate exceeds Florida's rate during the same year. 2022 also marks the highest obesity percentage in the data set.

HP 2030 Goal
Not Available

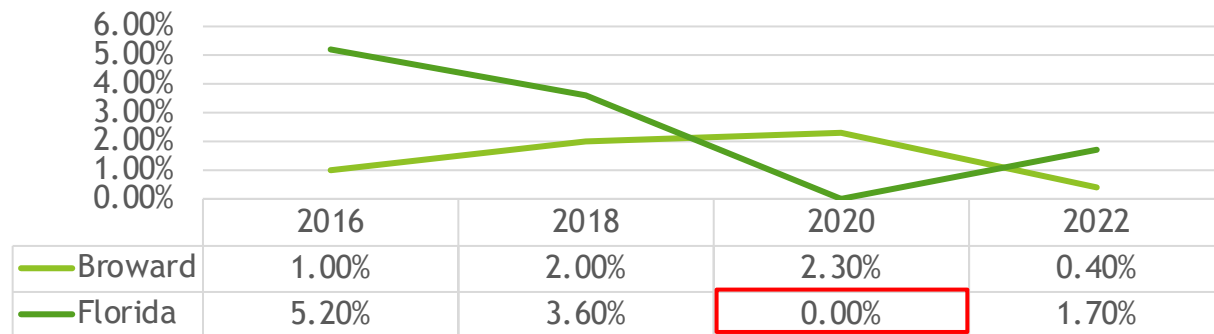
In 2022 the rate of Broward high schooler students who did not participate in 60 minutes of activity sat at 15.90%, lower than the last recorded percentage in 2018, and 3.1% lower than Florida's rate recorded that same year.

HP 2030 Goal
Not Available

Social & Mental Health: Youth Risk Behavior Surveillance Survey



High Schoolers Who Currently Smoke Cigarettes



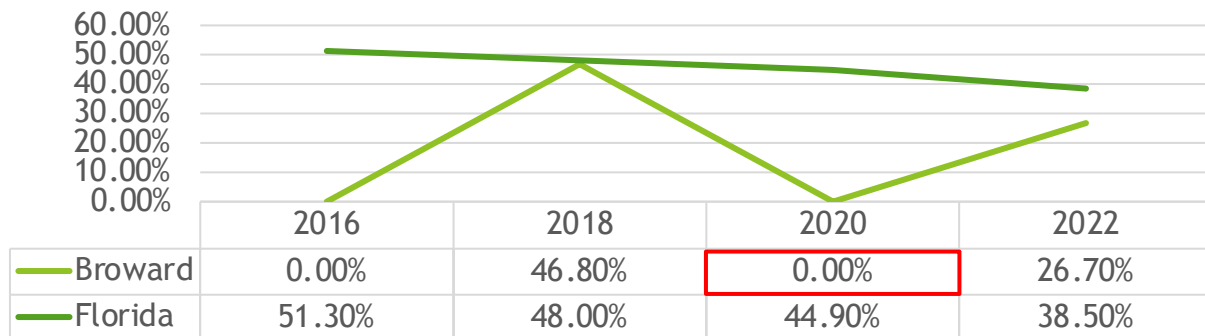
*2020 FL Data Unavailable

— Broward — Florida

Youth who smoke cigarettes has been significantly lower than Broward's rate. In 2020 we saw Broward reach a new peak of HS smokers in the recent data trend, but this fell back to a low point of .4% in 2022.

HP 2030 Goal
Not Available

Students Who Have Ever Drank Alcohol



*2016 and 2020 Broward Data Unavailable

— Broward — Florida

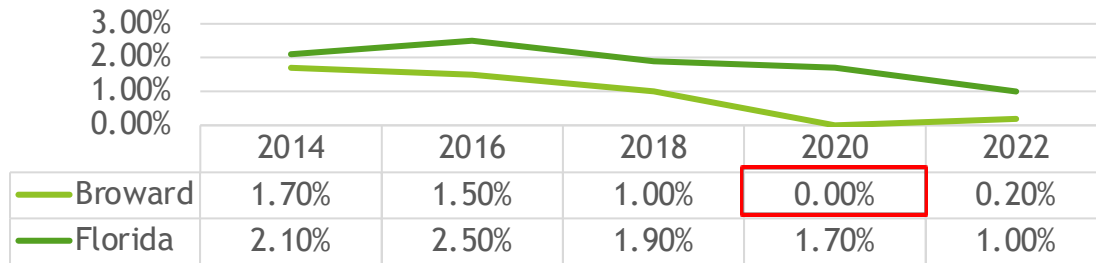
The percent of youth who drink alcohol has been decreasing in Florida since 2016 starting at 51.3% to 38.50% in 2022.

HP 2030 Goal
Not Available

Social & Mental Health: Youth Risk Behavior Surveillance Survey



High Schoolers Who Have Ever Used Cocaine



2020 Broward Data Unavailable

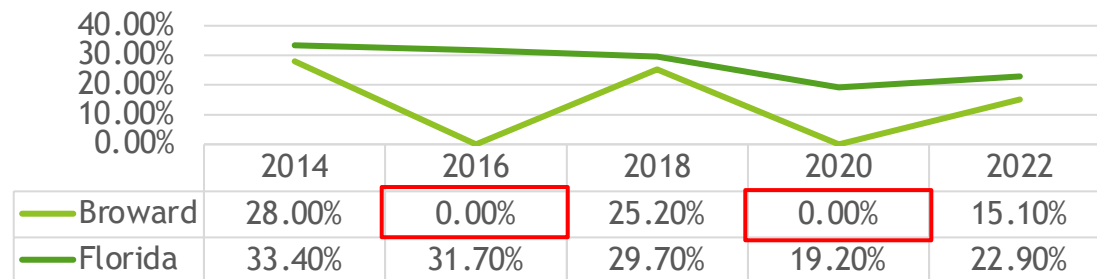
— Broward — Florida

The percentage of youth who have ever used cocaine has decreased every year since 2014 in both Broward and Florida.

HP 2030 Goal

Not Available

High School Students Who Have Ever Used Marijuana or Hashish



*2016 and 2020 Broward Data Unavailable

— Broward — Florida

Over the past 8 years Florida has had a higher percentage of high school students who have ever used Marijuana. Broward has its lowest percentage in eight years in 2022 at 15.10%.

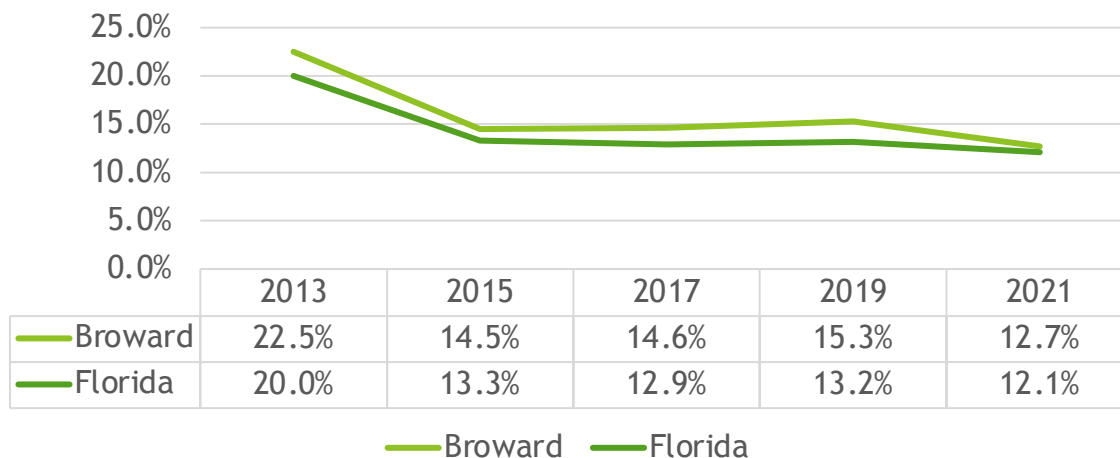
HP 2030 Goal

Not Available

Health Resource Availability and Access to Care



Uninsured Population



The percent of uninsured citizens in Broward decreased in 2021 to 12.7%. This rate marks the lowest in the past 7 years.

	2013	2015	2017	2019	2021
White	19.9%	12.1%	13.9%	13.4%	9.6%
Black	27.5%	17.5%	16.1%	17.9%	13.0%
Under 18	12.0%	7.1%	8.9%	10.6%	7.65%
18-64	30.5%	19.7%	19.8%	20.95%	17.3%
65+	4.4%	3.7%	2.3%	2.0%	3.4%

When taking race into consideration, black citizens have a higher uninsured percent than white citizens. From 2019 to 2021 while the number of uninsured whites decreased from 13.4% to 9.6%, the percent of uninsured blacks decreased from 17.9% to 13.0%. In regards to age more people in the 18-64 age range are uninsured (17.3%) compared to those under 18 (7.65%) and those over 65 (3.4%). It is important to note that in 2021 the number of uninsured over 65 increased from 2.0% to 3.4%.

References

1. Florida Charts- www.floridacharts.com
2. Healthy Start Reports- www.floridacharts.com/HS/login
3. Behavior Risk Factor Surveillance System- <http://www.cdc.gov/brfss/>
4. Youth Risk Behavior Surveillance System- <http://www.cdc.gov/HealthyYouth/yrbs/index.htm>
5. Center For Disease Control and Prevention- [Centers for Disease Control and Prevention \(cdc.gov\)](http://www.cdc.gov)
6. HRSA Maternal & Child Health- <https://mchb.hrsa.gov/programs-impact/programs>



For more information, contact:

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