

**Broward Regional Health Planning Council**  
**Chapter V Benchmarks**  
**Broward County Health Plan**

2024

Presented By: Max Loyello - BRHPC

# Indicator Focus Categories

- Maternal and Child Health
- Communicable Diseases
- Chronic Diseases
- Injury and Violence
- Social and Mental Health

# Broward County Indicator Trends

## Improving (>0.9)

- Death From All Causes (-53.0)
- Death From Unintentional Poisoning (-3.5)
- High Schoolers Not Active 60 Minutes (-2.2)
- High Schoolers Who Are Cigarette Smokers (-1.9)
- High Schoolers Who Have Ever Used Marijuana or Hashish (-10.1%)

## Minimal Change

- Infant Mortality (+- 0.0)
- Preterm Birth (-0.3)
- Low Birth Rate (-.2%)
- HIV (+0.9)
- Hepatitis A (+.1)
- Hepatitis B (+.8)
- Death from CLRD (+.9)
- Adults Who are Sedentary (+.2)
- High Schoolers Who Have Ever Used Cocaine (-0.8)

## Regressing (<-0.9)

- Repeat Births to Teens (+2.0)
- Immunization Levels in Kindergarten(-1.9%)
- Tuberculosis (+1.3)
- Gonorrhea (+8.3)
- Syphilis (+2.7)
- Chlamydia (+63.3)
- Salmonellosis (+7.4)
- Shigellosis (+2.2)
- Deaths From Cancer (+7.3)
- Death From Stroke (+5.5)
- Death From Heart Diseases (+5.3)
- Death From Alzheimer's Disease (+1.6)
- Deaths From Unintentional Falls (+4.2)
- Obese Adults (+2.0)
- Adults Who Are Current Smokers (+1.1)
- High School Students Overweight (+1.8%)
- High Schoolers Who Are Obese (+6.3%)
- Children Fully Immunized (-5.1%)

# Maternal & Child Health Indicators



**Infant Mortality**



**Preterm Births**

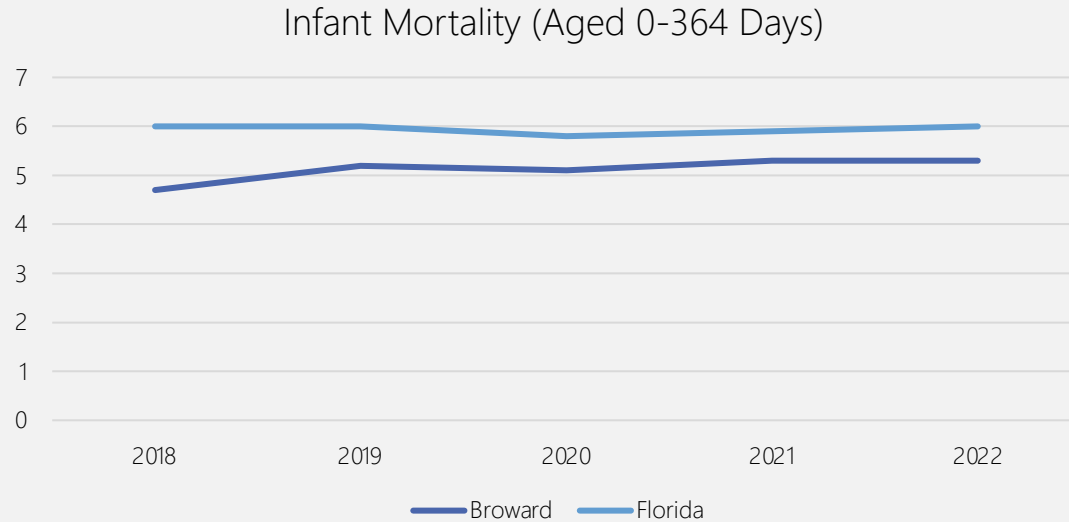


**Repeat Births to Teens**



**Low Birth Weight**

# Maternal and Child Health: Infant Mortality



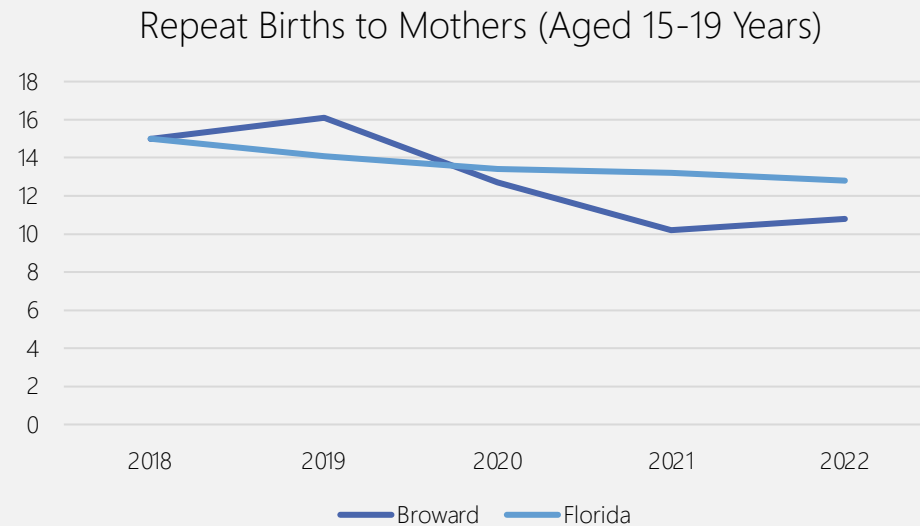
The infant mortality rate, considered to be a leading indicator of community health, is defined as deaths during the first year of life. It is a reflection of the mother’s health, maternal care system effectiveness, newborn health, care and follow-ups with well child services during the first year of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

	2018	2019	2020	2021	2022
Broward Black	8.1	9.1	8.0	8.9	8.5
Broward Hispanic	3.5	2.8	4.1	3.1	4.2
Broward White	2.2	2.4	3.0	2.9	3.0

HP 2030 Goal

5.0

# Maternal and Child Health: Repeat Births To Teens

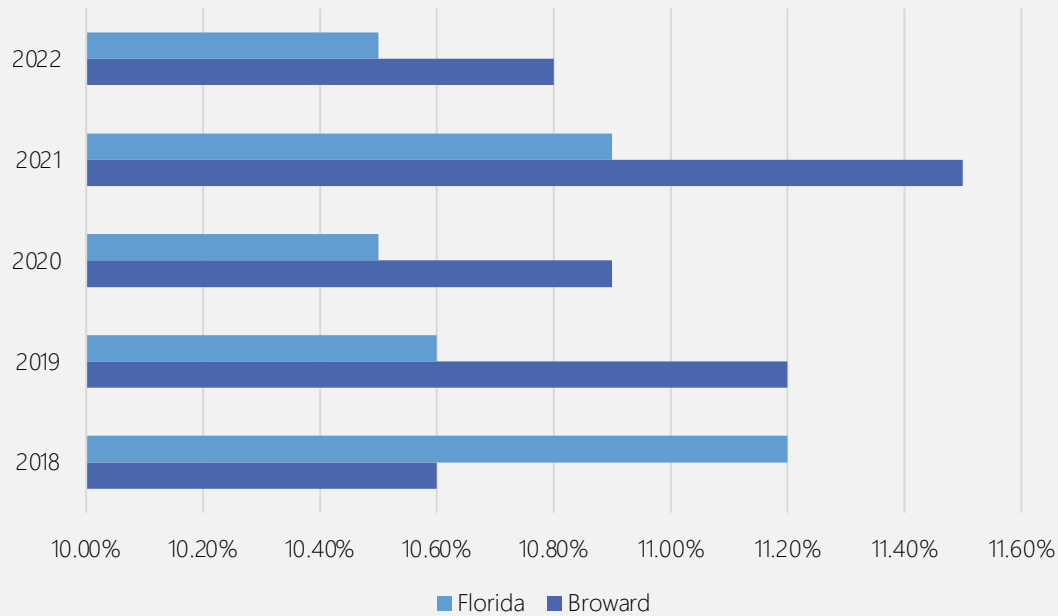


From 2021 to 2022 the rate of repeat births to teen mothers in Broward County has **increased** by 0.6.

	2018	2019	2020	2021	2022
Broward Black	16.3	15.2	12.2	10.7	10.1
Broward Hispanic	14.3	16.1	15.0	10.0	12.8
Broward White	14.0	15.7	13.8	9.6	11.6

# Maternal and Child Health: Preterm Births

Preterm Birth (<37 Weeks Gestation)



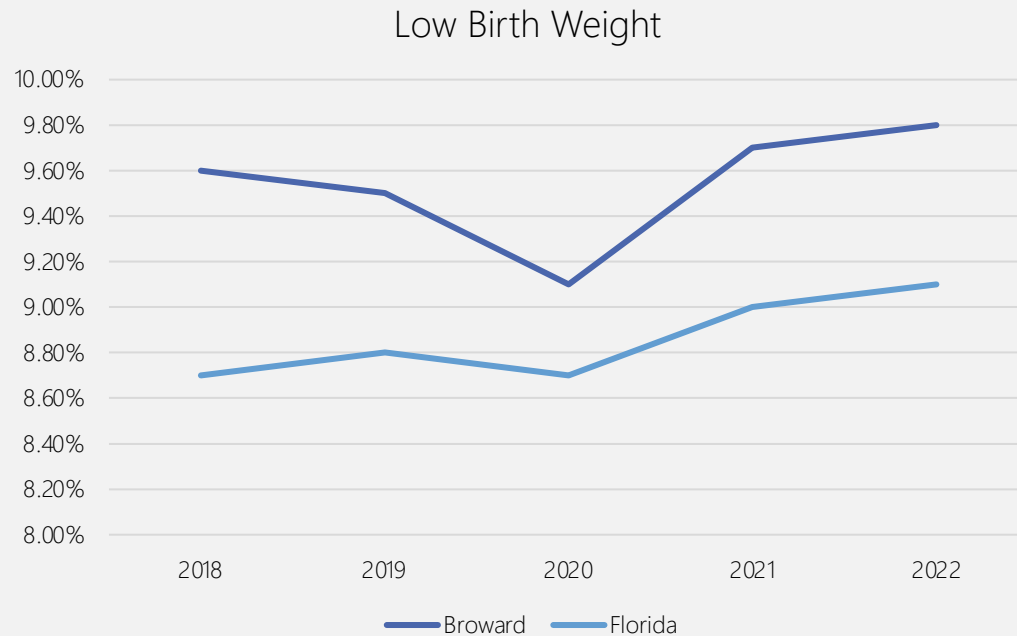
After Broward County’s preterm birth rate reached a five year high in 2021, 2022’s data represents the **lowest rate** in the county since 2018.

	2018	2019	2020	2021	2022
Broward Black	13.9	14.4	14.4	15.0	14.7
Broward Hispanic	9.1	10.5	9.0	9.7	9.0
Broward White	8.7	9.1	8.7	9.2	8.3

HP 2030 Goal

**9.4%**

# Maternal and Child Health: Low Birth Weight



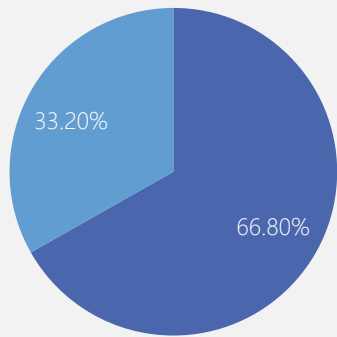
Broward County's Low Birth Weight (LBW) rate reached a five-year high after seeing a third consecutive year of **increase**. Black Broward County residents have been seen to be almost twice as likely to experience LBW when compared to White and Hispanic residents.

	2018	2019	2020	2021	2022
Broward Black	13.7	13.7	13.2	13.8	14.4
Broward Hispanic	7.6	7.8	6.6	7.3	7.3
Broward White	7.0	6.8	6.4	6.9	6.7



# Maternal and Child Health: Immunizations

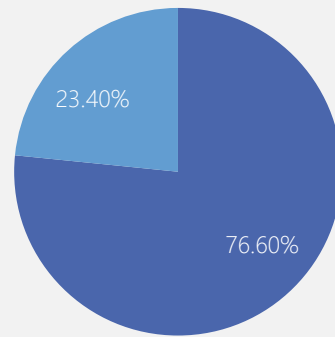
Broward County :  
Children fully Immunized:  
Basic Immunization Series  
(Aged 2 Years)



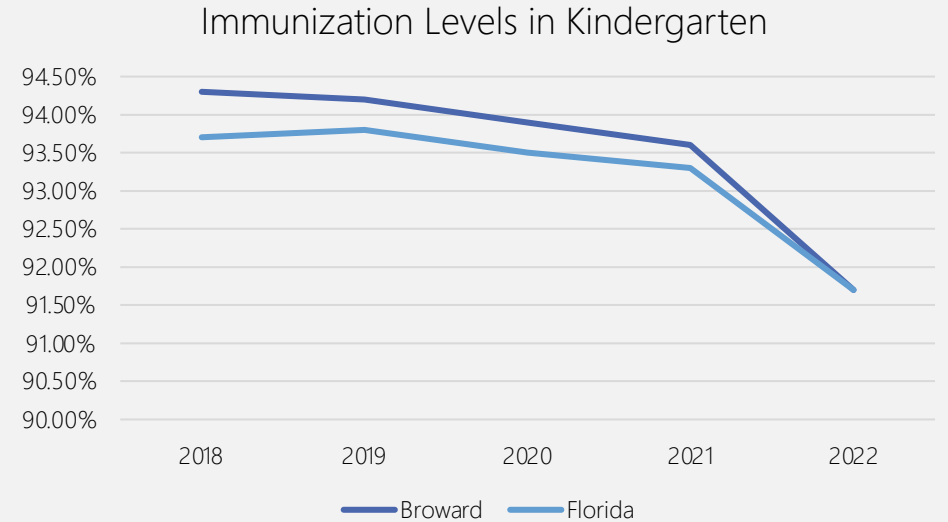
■ Vaccinated ■ Unvaccinated

Broward County has seen a 17% decrease in fully immunized children since 2020.

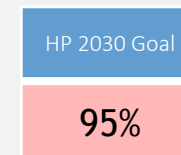
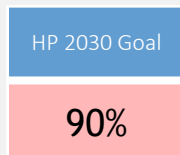
State of Florida: Children  
fully Immunized: Basic  
Immunization Series (Aged  
2 Years)



■ Vaccinated ■ Unvaccinated



Since 2018, Broward County's kindergarten immunization rate has decreased annually, falling 1.9% over the past year.



# Communicable Disease Indicators



**Tuberculosis & HIV**



**Sexually Transmitted  
Infections**

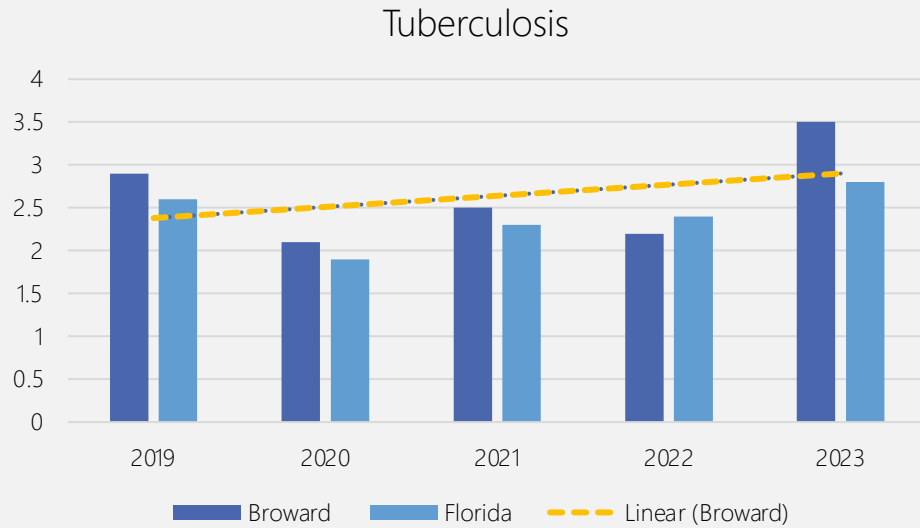


**Hepatitis A & B**

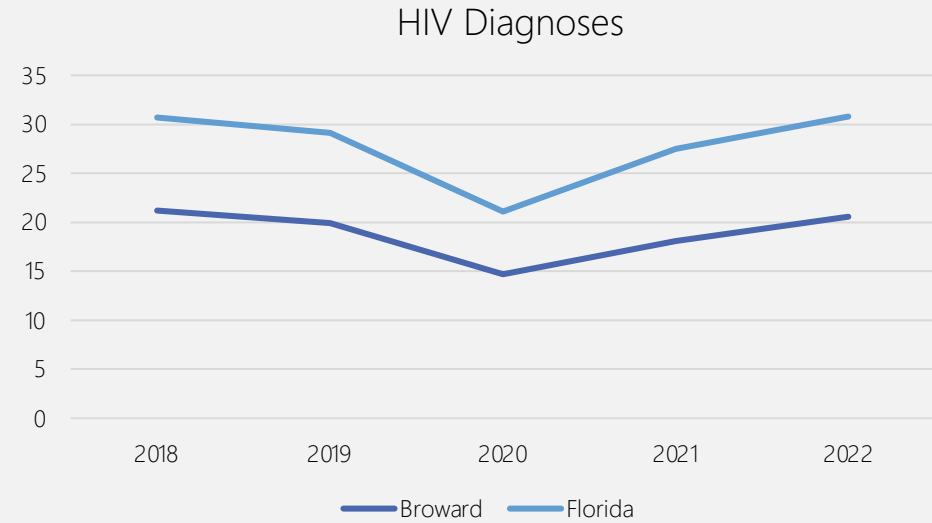


**Salmonellosis &  
Shigellosis**

# Communicable Diseases: Tuberculosis & HIV



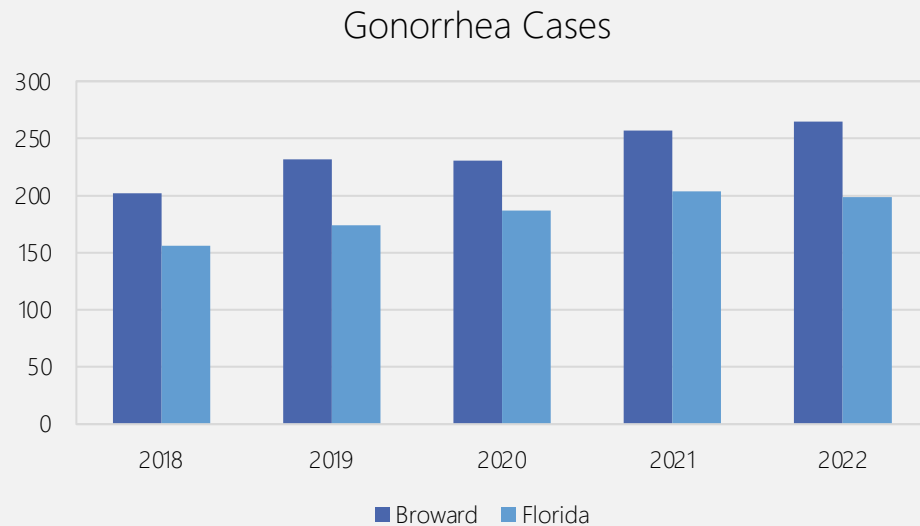
From 2022 to 2023 the Tuberculosis case rate **rose** from 2.2 to 3.5 per 100,000.



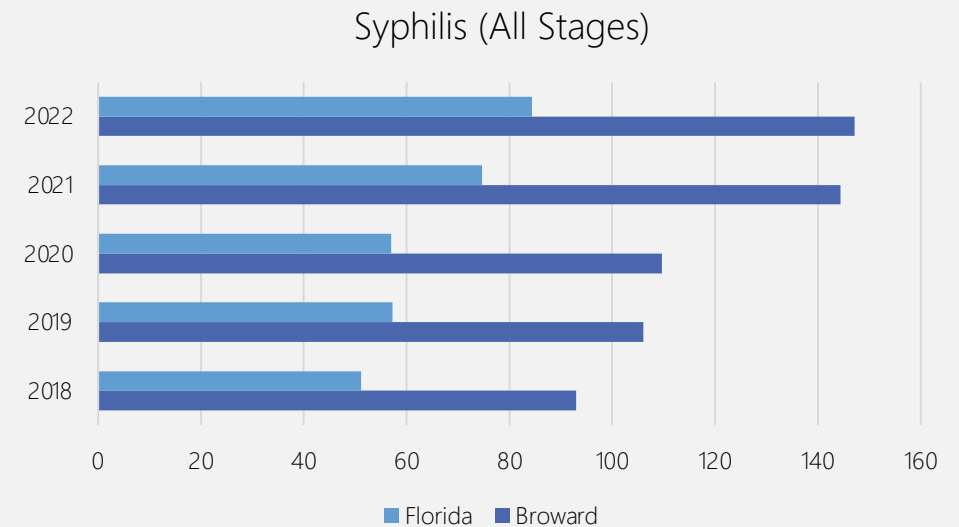
2022's HIV diagnoses data shows an **increase** in Broward's rate, and continues a mirrored trend between Broward County and the state of Florida.

HP 2030 Goal  
1.4

# Communicable Diseases: Sexually Transmitted Infections

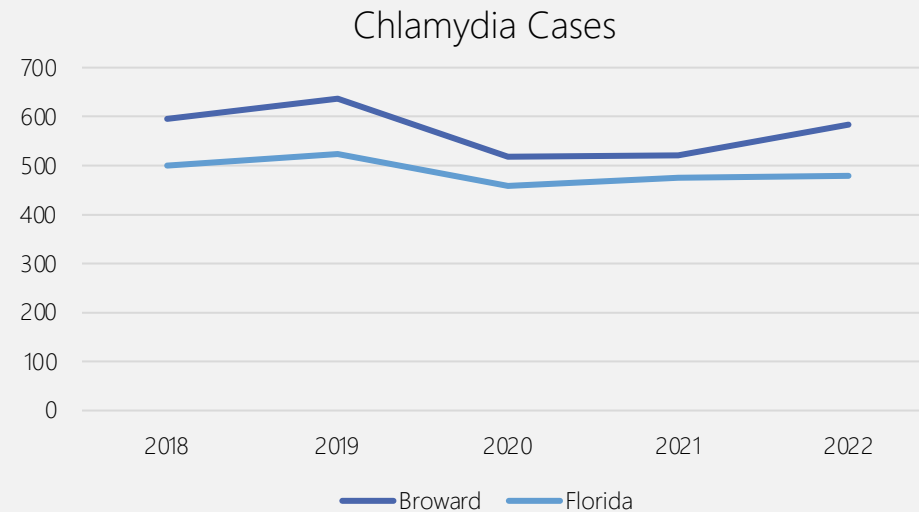


In 2022, Florida saw a slight **decrease** in Gonorrhea cases while Broward County's rate reached a new peak after increasing for a third straight year.



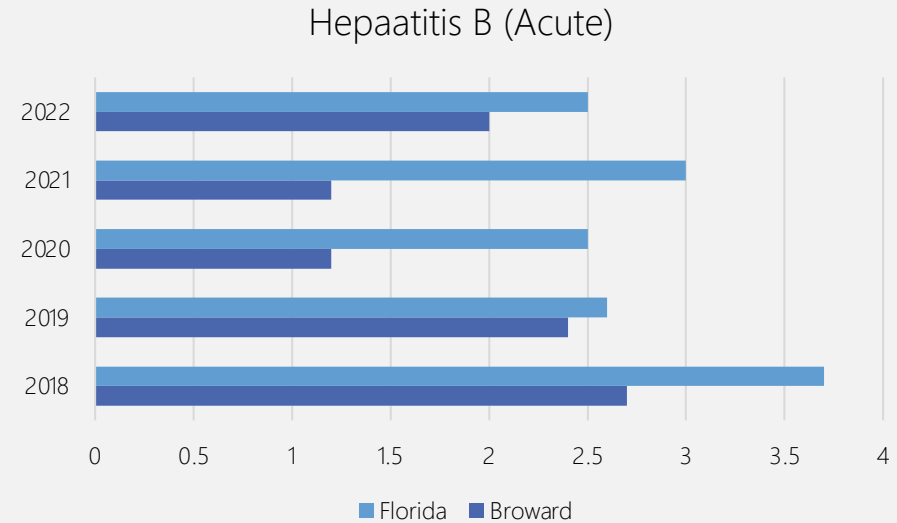
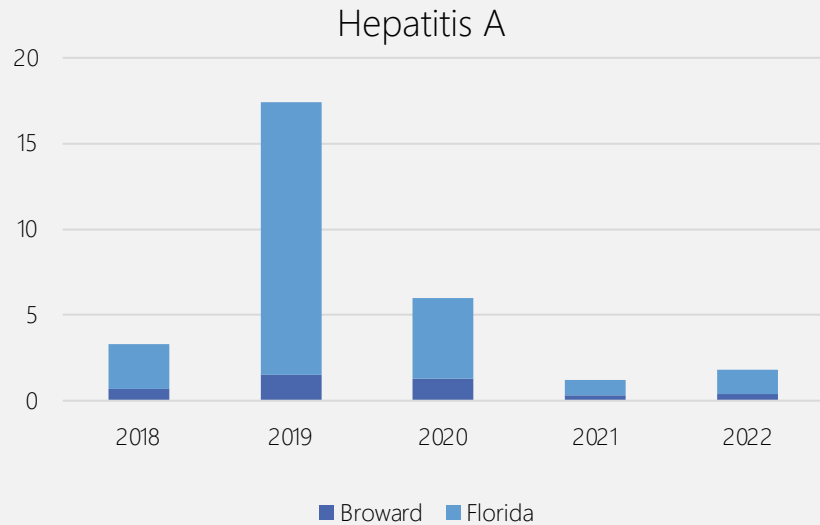
Syphilis case rates continued to **rise** in 2022, reaching a new five-year high of 147.1 cases per 100,000.

# Communicable Diseases: Sexually Transmitted Infections



After Florida and Broward County mirrored each other's Chlamydia case rates for four years, 2022 marked a period where Broward's rate saw an **increase** while Florida's rate showed negligible change.

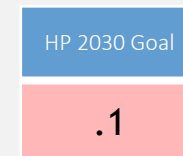
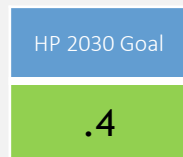
# Communicable Diseases: Hepatitis A & B



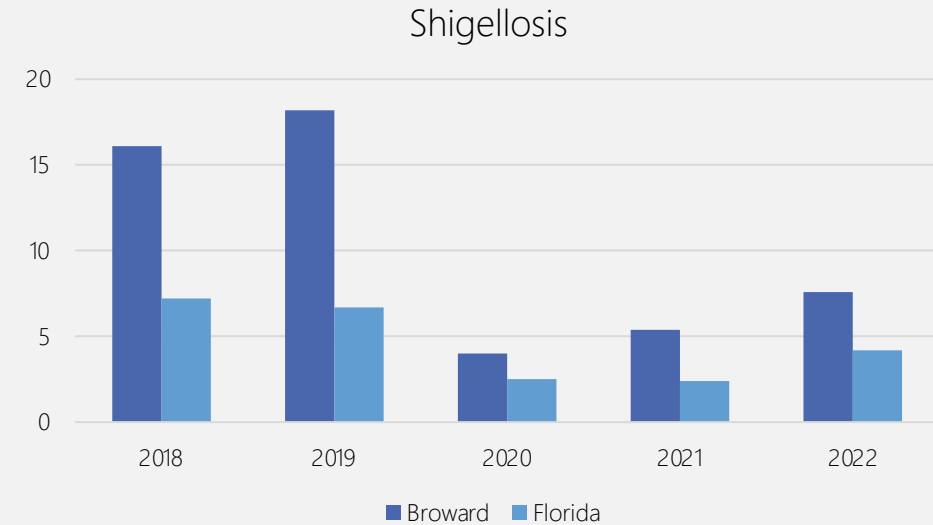
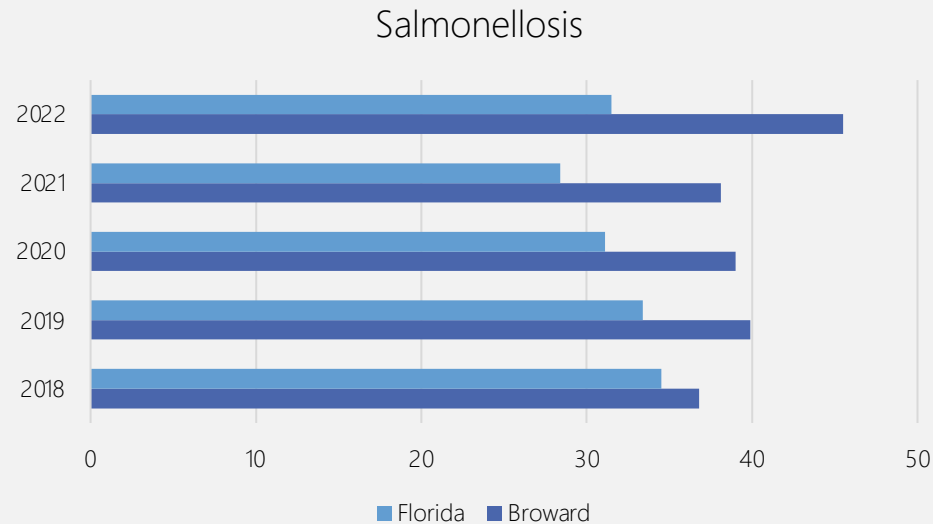
2022 shows a **slight increase** in Hepatitis A cases but continues an overall downtrend of case rates in the past 4 years. It is of note that **2019's outlier data cannot be confirmed**.

Broward County remains at a **lower Hepatitis B rate** than Florida even with an uptick of cases in 2022

Source: FL Health Charts



# Communicable Diseases: Salmonellosis & Shigellosis



With a rate of 45.5 cases per 100,000, 2022 marked a five-year high in Broward County Salmonellosis infections, with its rate **rising** 7.4 from the prior year.

After a sharp decline in 2020, Broward's Shigellosis case rates have trended **upward** for the past two years. Broward County's rate still sits far below 2019's peak of 18.2 cases per 100,000.

HP 2030 Goal

**11.5**

# Chronic Disease Indicators



**Death From All  
External Causes**



**Cancer and Stroke  
Deaths**



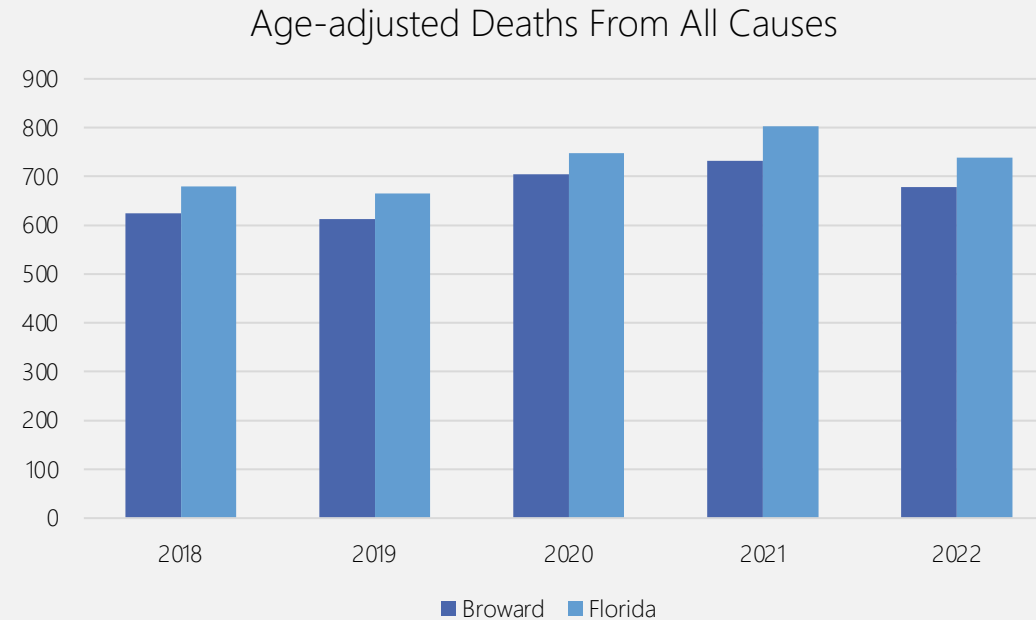
**Respiratory and Heart  
Disease Deaths**



**Alzheimer's  
Disease Deaths**

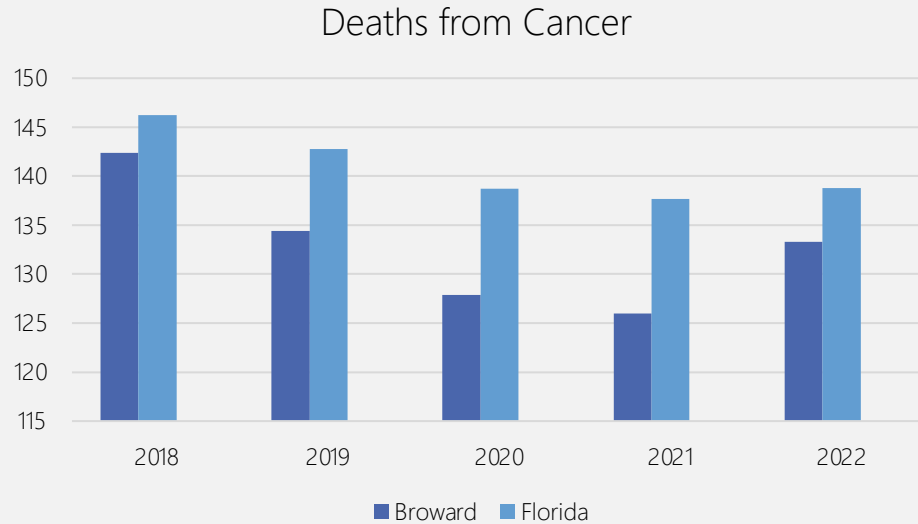


# Chronic Disease: Death From All External Causes



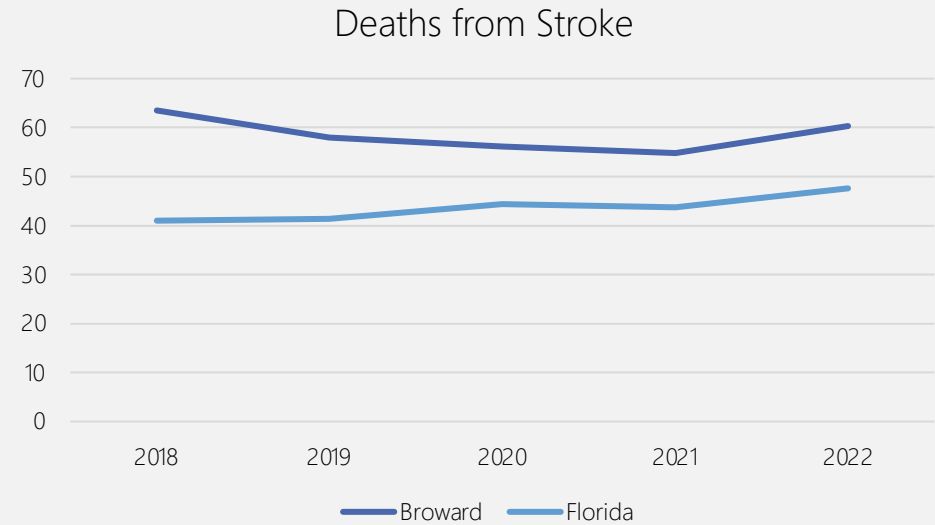
In 2022 Broward county saw the first **decrease** in death from all external causes since 2019, decreasing by a rate of 64.8 from 2021 to 2022.

# Chronic Diseases: Deaths from Cancer & Stroke



Broward County's death from cancer rate has **increased** from 2021 but remains lower than 2018's five-year high of 142.2. 2022's rate of 133.3 deaths per 100,000 does not meet the Healthy People 2030 goal.

HP 2030 Goal  
122.7

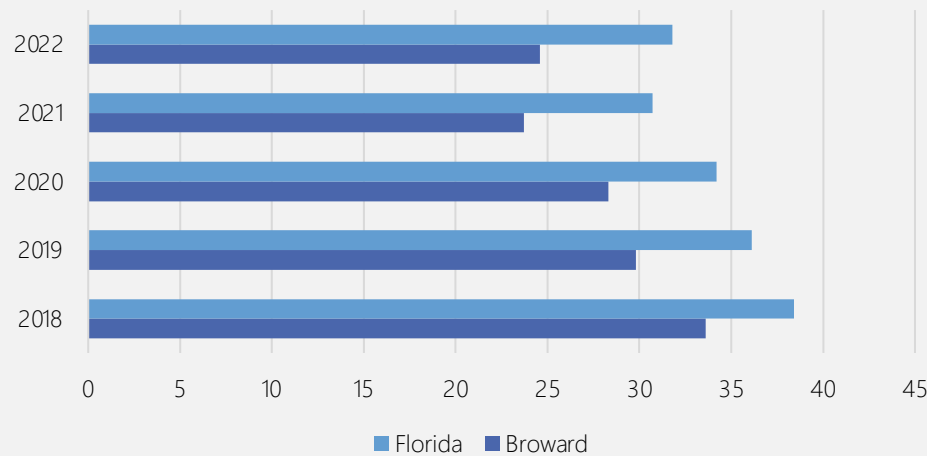


In 2022, Broward County's stroke rate rose by 5.5 and continues to sit higher than Florida's rate by a significant amount.

HP 2030 Goal  
33.4

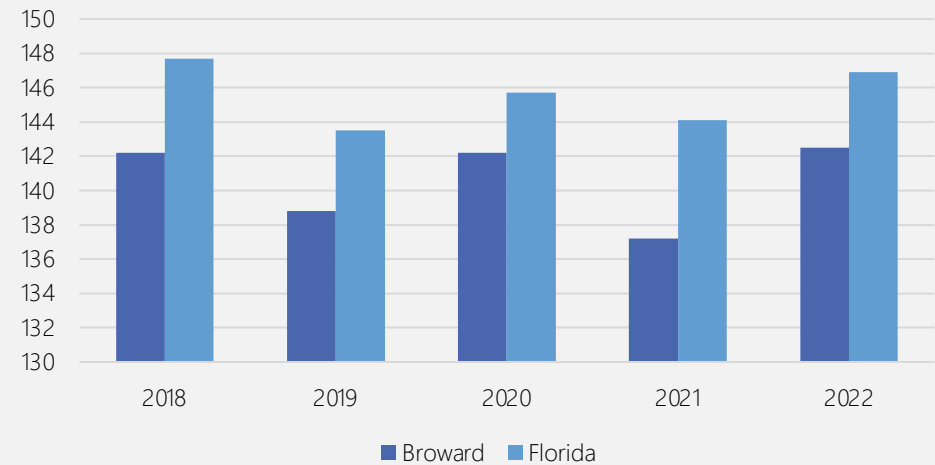
# Chronic Diseases: Respiratory and Heart Disease Deaths

Death From Chronic Lower Respiratory Disease



Death from CLRD remains lower than Florida's current rate and continues an overall **downtrend** from 2018's five-year peak.

Death From Heart Diseases

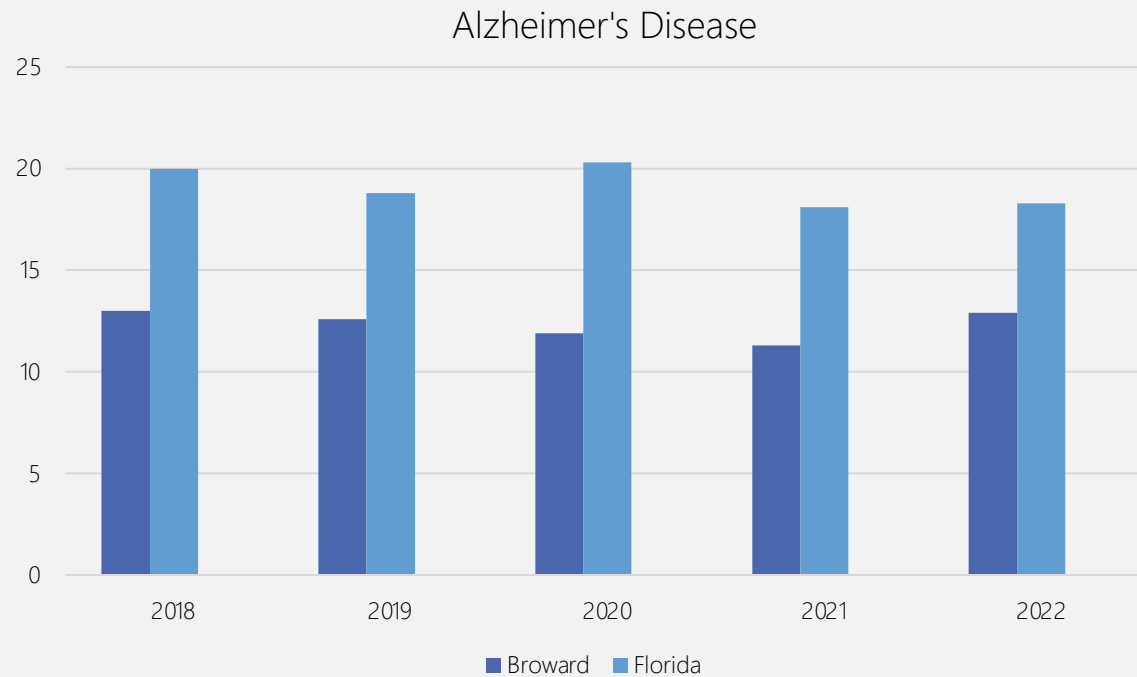


Death from Heart Diseases has **increased** over the past year, reaching a new five-year peak of 142.5 deaths per 100,000.

HP 2030 Goal

103.4

# Chronic Diseases: Death From Alzheimer's Disease



Broward County has a lower death rate from Alzheimer's Disease than the state of Florida as a whole, but experienced a slight rise in deaths over the past year.

	2018	2019	2020	2021	2022
Broward Black	10.8	11.8	11.8	9.6	11.8
Broward Hispanic	20.1	19.3	15.0	16.0	19.6
Broward White	13.4	12.9	11.8	11.6	13.3

# Injury and Violence Indicators



**Unintentional Death  
Rate (Total)**



**Motor Vehicle Deaths**



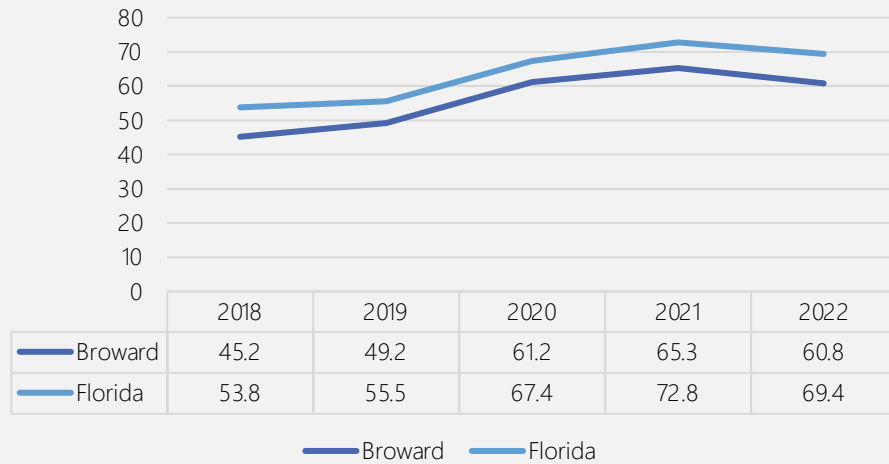
**Deaths From  
Unintentional  
Poisoning**



**Death From  
Unintentional Falls**

# Injury and Violence: Unintentional Injury & Motor Vehicle Deaths

Deaths from Unintentional Injury

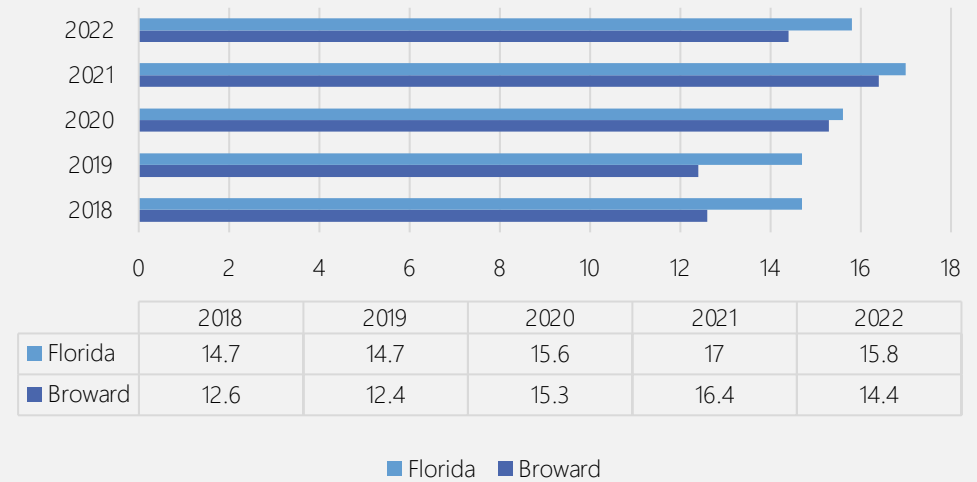


Death from unintentional injuries in Broward County have **decreased** after peaking in 2022. The overall county rate remains inflated when compared to 2018's five-year low of 45.2 deaths per 100,000.

HP 2030 Goal

**43.2**

Deaths From Motor Vehicle Crashes

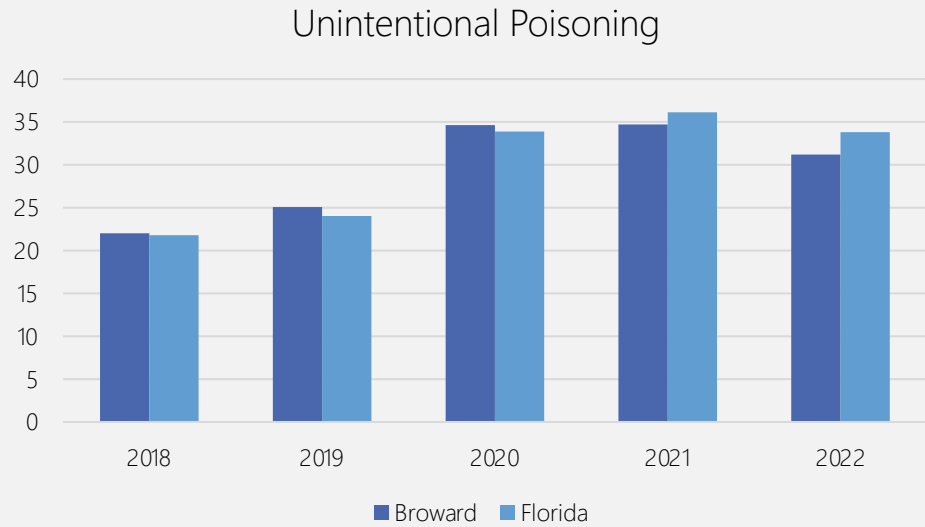


Deaths from motor vehicle crashes remain **relatively consistent** from prior county data, returning to 15.8 deaths per 100,000 from a high of 17.0 in 2021.

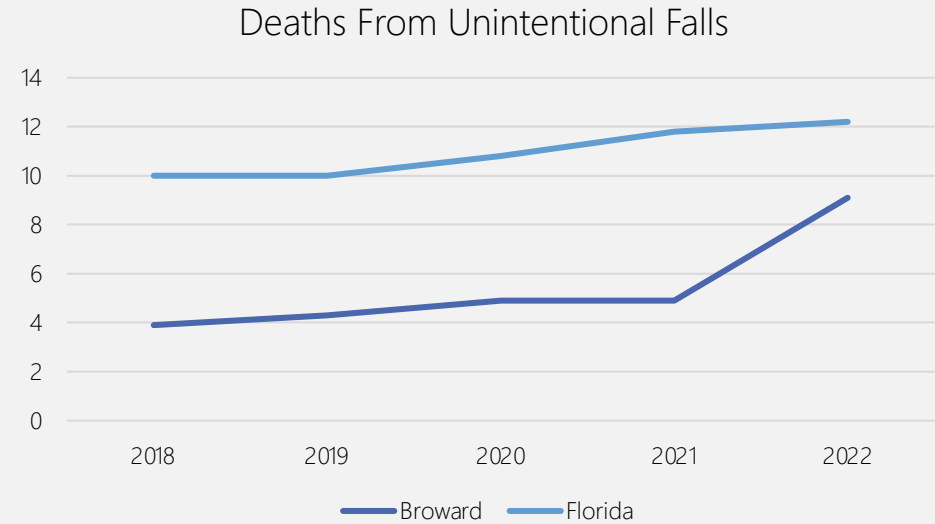
HP 2030 Goal

**10.1**

# Injury and Violence: Unintentional Poisoning & Falls



The rate of unintentional poisonings in Broward County has **decreased** by 3.5 from 2021 to 2022.



Deaths from unintentional falls in Broward County **continues to rise**, reaching a new peak rate of 9.1 in 2022.

Source: FL Health Charts

HP 2030 Goal

11.1

HP 2030 Goal

7.2

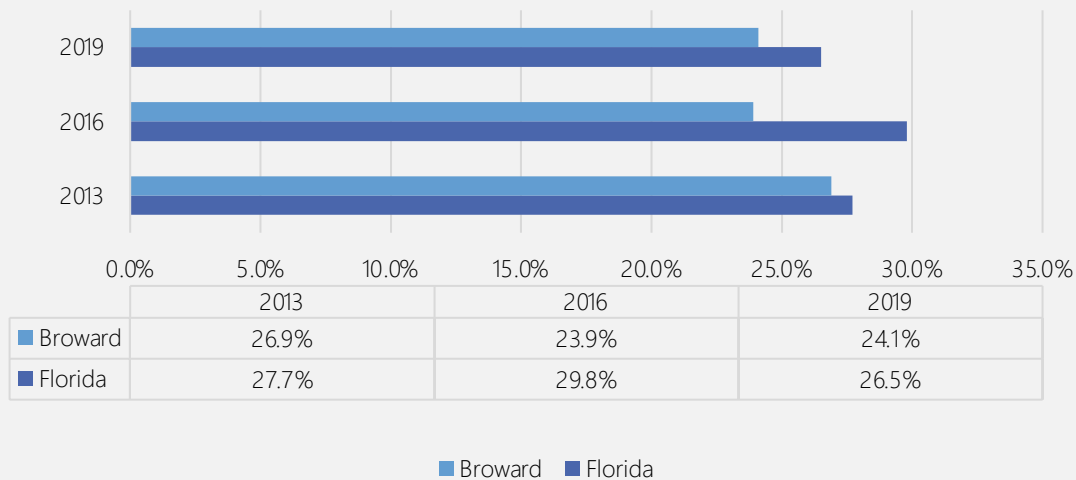


# **Social and Mental Health Survey Data**



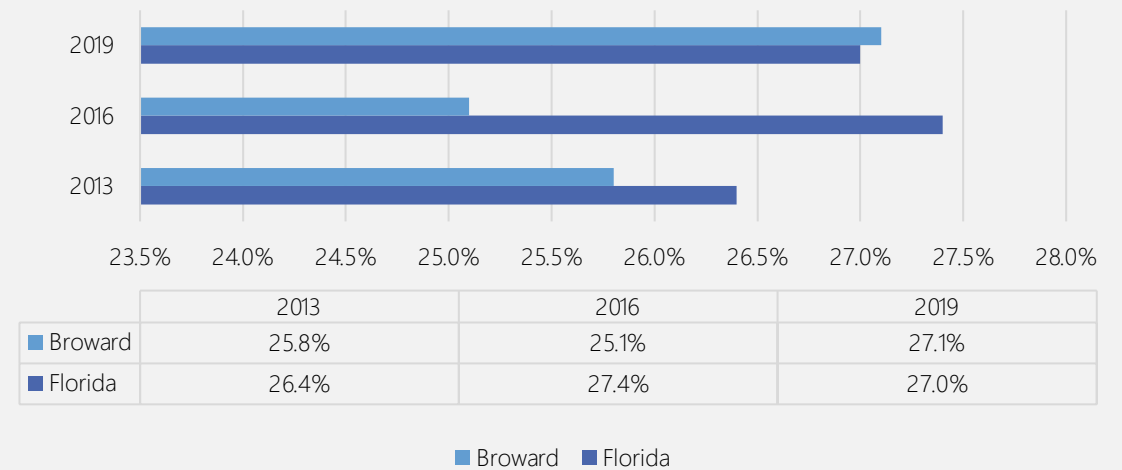
# Social & Mental Health: Behavioral Risk Factor Surveillance Survey

Adults Who Are Sedentary

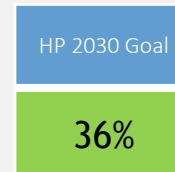


The percentage of sedentary adults in Broward County has remained relatively **stable** over the past three years, increasing just .2% over that period.

Adults Who Are Obese

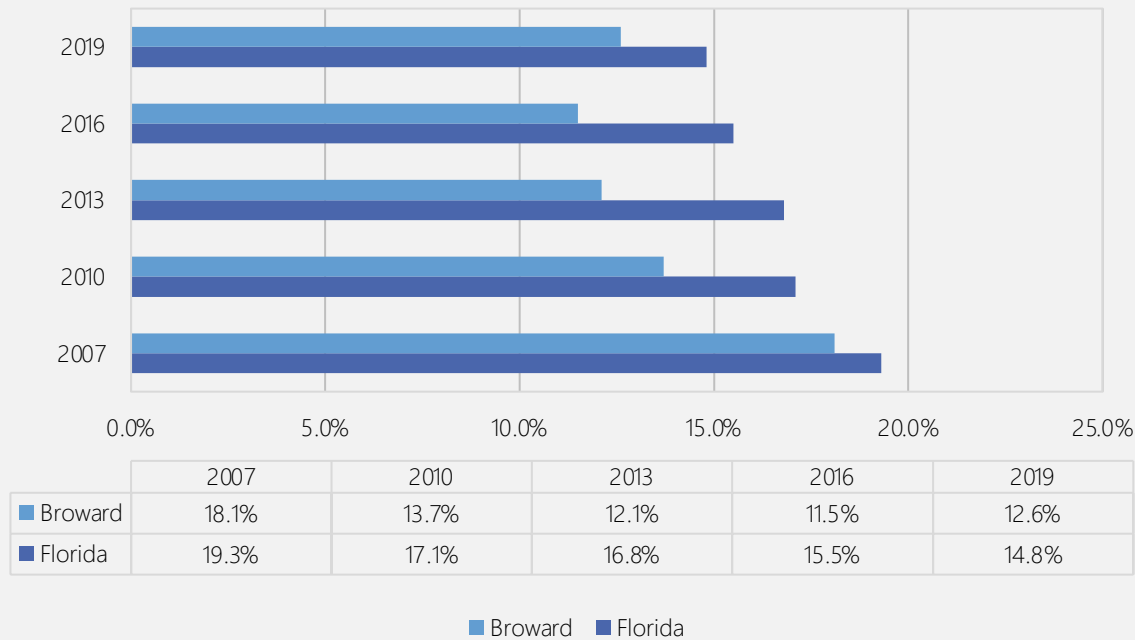


The number of obese adults in Broward County has **increased** 2.0% from 2016 to 2019.



# Social & Mental Health: Behavioral Risk Factor Surveillance Survey

Adults Who Are Current Smokers



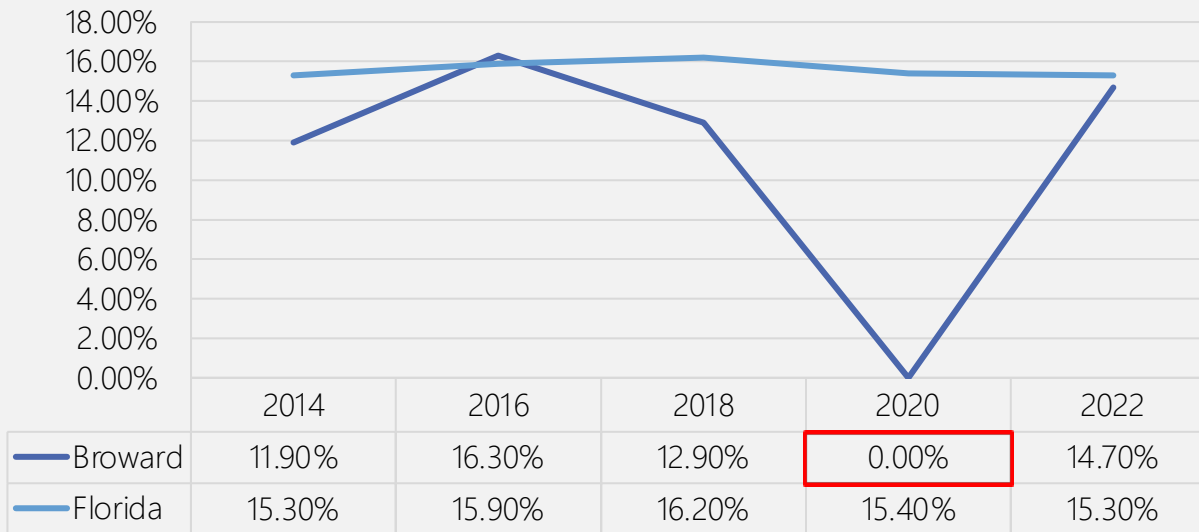
The total number of adult smokers has **increased** 1.1% from 2016-2019. Since 2007, the percentage of 18-44 year olds who are current smokers has declined 7.1%.

	2007	2010	2013	2016	2019
Broward Ages 18-44	22.1%	13.8%	19.2%	17.0%	15.0%
Broward Ages 45-64	22.0%	13.7%	19.8%	19.0%	19.6%
Broward 64 & Older	9.7%	18.4%	8.7%	8.4%	9.3%

HP 2030 Goal  
**6.1%**

# Social & Mental Health: Youth Risk Factor Surveillance Survey

High School Students Who Are Overweight



\*2020 Broward Data Unavailable

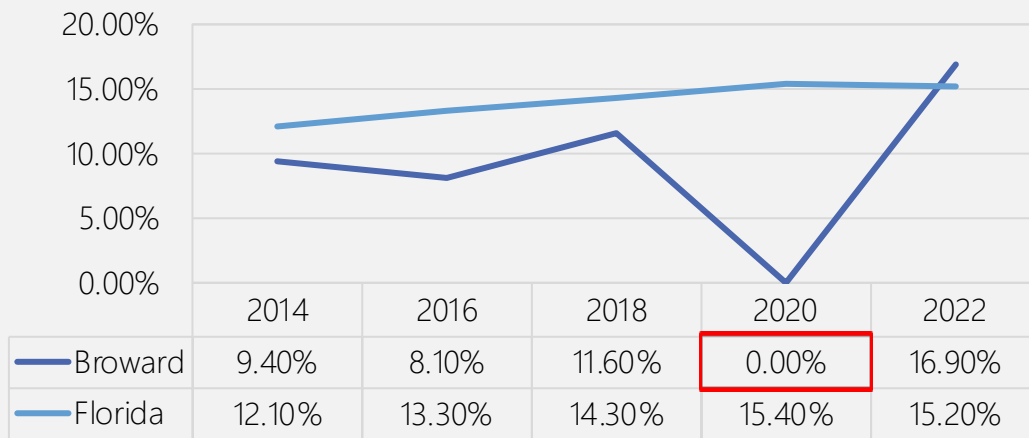
— Broward — Florida

From 2018 to 2022, the percentage of overweight high school students has **increased** 1.8%. During this time, Black and White students have seen a decline in their percentage of overweight students, while the share of overweight Hispanic students increased.

	2013	2015	2017	2019	2021
Broward Black	14.6	14.4	20.6	16.1	14.4
Broward Hispanic	14.9	14.5	15.6	19.3	19.7
Broward White	8.8	10.8	10.5	12.4	7.6

# Social & Mental Health: Youth Risk Factor Surveillance Survey

High Schoolers Who Are Obese

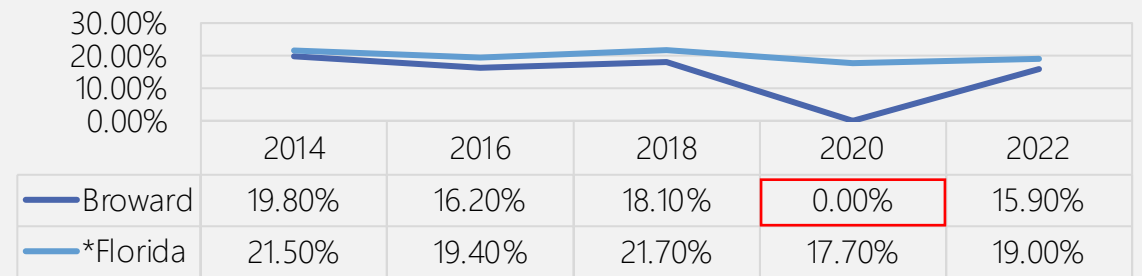


\*2020 Broward Data Unavailable

— 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, **increasing** 5.3% from 2018.

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



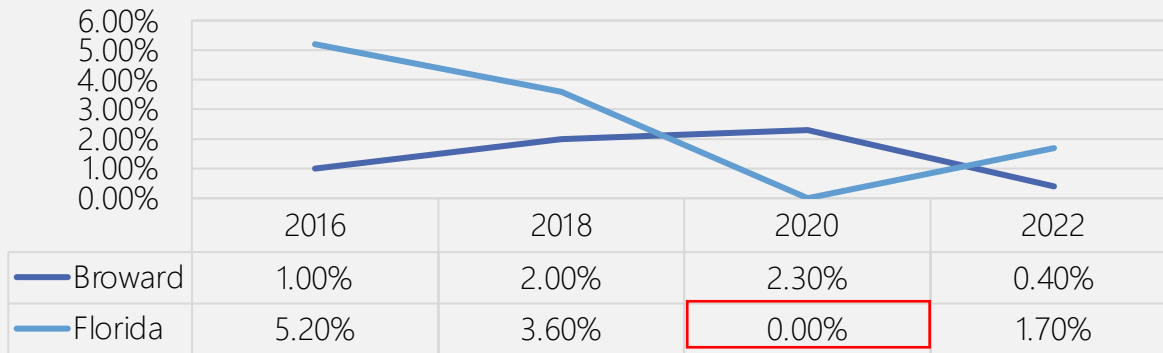
\*2020 Broward Data Unavailable

— Broward — \*Florida

In 2022 the rate of Broward high school 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.

# Social & Mental Health: Youth Risk Factor Surveillance Survey

### High Schoolers Who Currently Smoke Cigarettes

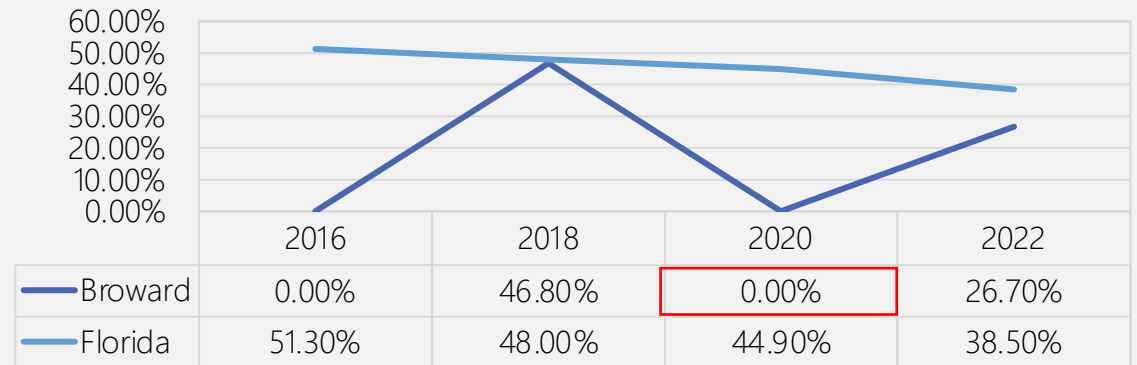


\*2020 FL Data Unavailable

— Broward — Florida

The percentage of high school students who currently smoke cigarettes in Broward County **declined** from 2020 to 2022 by 1.9%.

### Students Who Have Ever Drank Alcohol



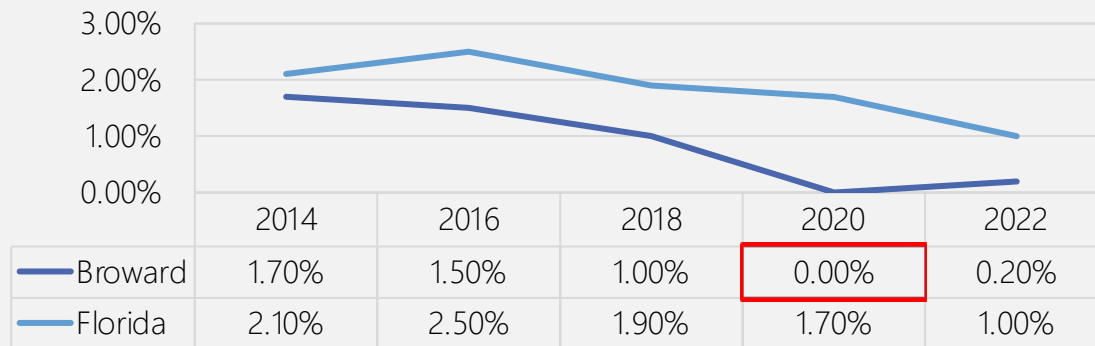
\*2016 and 2020 Broward Data Unavailable

— Broward — Florida

The percentage of Broward County students who have ever drunk alcohol **declined** 20.1% from 2018 to 2022.

# Social & Mental Health: Youth Risk Factor Surveillance Survey

High Schoolers Who Have Ever Used Cocaine

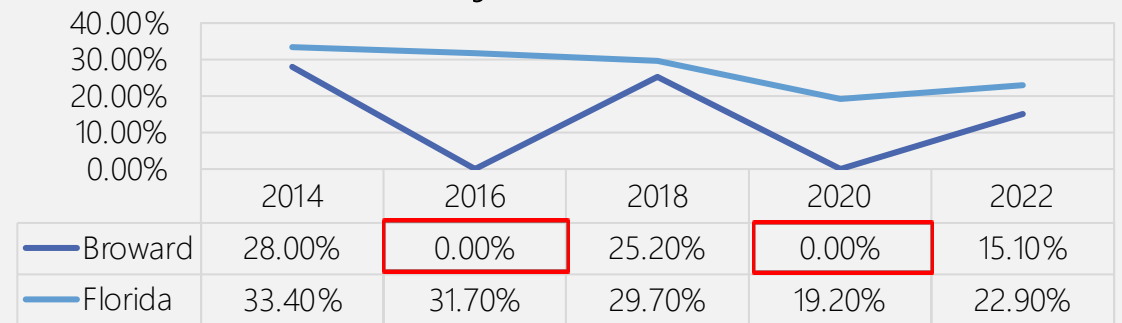


2020 Broward Data Unavailable

— Broward — Florida

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

High School Students Who Have Ever Used Marijuana or Hashish



\*2016 and 2020 Broward Data Unavailable

— Broward — Florida

From 2018 to 2022, Broward County saw a 10.1% **decrease** in the percentage of high school students who have ever used marijuana.

# References

1. Florida Charts- [www.floridacharts.com](http://www.floridacharts.com)
2. Healthy Start Reports- [www.floridacharts.com/HS/login](http://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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**THANK YOU**

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