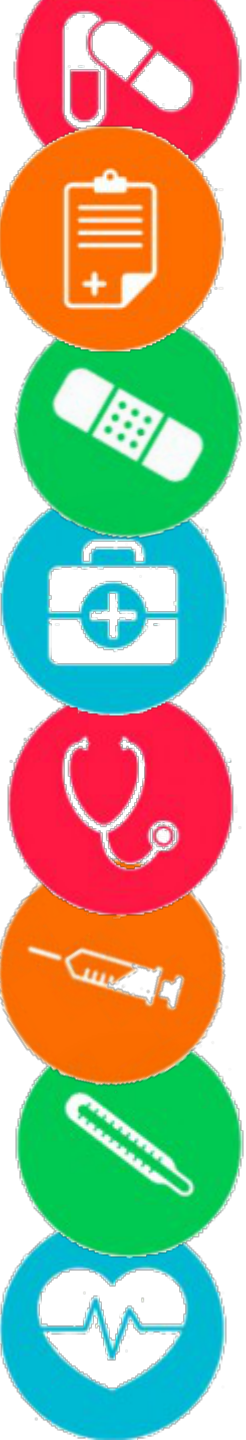


# 2019 Broward County Health Benchmarks



BR **H** PC



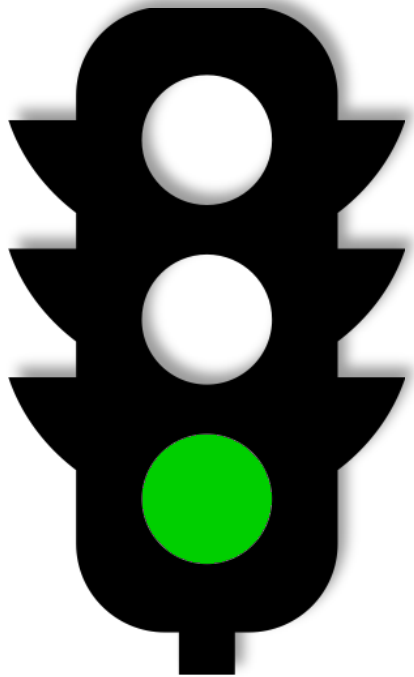
# Introduction

The Broward County Benchmarks report covers a spectrum of indicators affecting the region's public health. It is organized in the following categories :

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

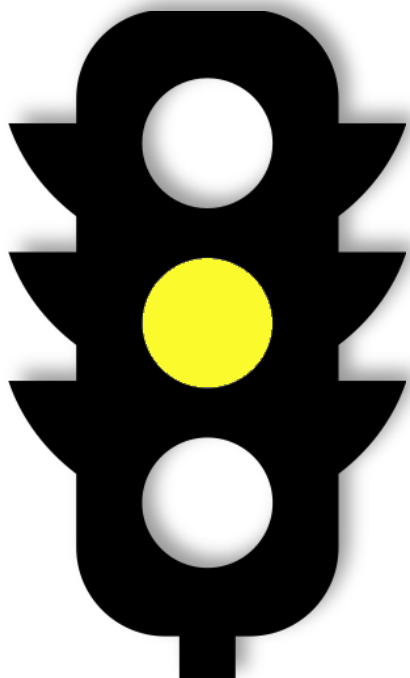
The aim of the report is to assess and monitor the county's progress toward meeting local and national health goals (Healthy People 2020). Trends analyses are presented for each indicator and comparisons to national and local trends are established as appropriate.

The information is targeted to leaders who serve as local government officials, healthcare administrators, providers and funders.



**Indicators  
Showing  
Improvement  
from Previous  
Year**

<b>Maternal &amp; Child Health</b>
Repeat Births to Teens 15-19 years old (-2.9)
2 year old Immunizations (+10.3)
<b>Communicable Diseases</b>
Gonorrhea (-6.1)
Chlamydia (-2.5)
<b>Chronic Conditions</b>
Cancer (-1.8)
Stroke (-1.3)
Heart Disease (-9.1)
Alzheimer's Disease (-1.8)
<b>Injury and Violence</b>
Unintentional Death (-2.1)
<b>Social &amp; Mental Health</b>
Adults who are sedentary (-3.0)
Youth who have ever tried cocaine (-2.4)
Youth currently using marijuana (-4.3)



**Indicators with  
Minimal  
Change ( $\leq 0.9$ )  
from Previous  
Year**

**Maternal & Child Health**

Infant Mortality (-0.3)

Preterm Births (-0.2)

Low Birth Weight (no change)

Infant Screenings (-0.5)

**Communicable Diseases**

Tuberculosis (+0.3)

AIDS cases (+0.3)

Hepatitis B (+0.6)

Shigellosis (no change)

**Injury and Violence**

Motor Vehicle Deaths (-0.7)

Unintentional Falls (-0.6)

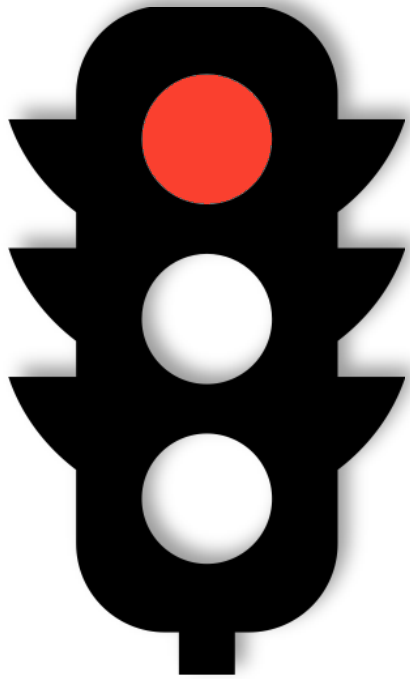
**Social & Mental Health**

Adults Who are Obese (-0.7)

Adults Who Currently Smoke (-0.6)

Obese Youth (+0.4)

Students Who Were Not Physically Active at Least 60min/day at Least 1 Day (no change)



**Indicators Not  
Showing  
Improvement  
from Previous  
Year**

### **Maternal & Child Health**

Prenatal Screenings (-7.0)

Kindergarten Immunizations (.1.0)

### **Communicable Diseases**

Syphilis (+6.0)

Salmonellosis (+6.8)

Hepatitis A (+1.4)

### **Chronic Diseases**

Deaths from Chronic Lower Respiratory Disease (+4.9)

### **Injury & Violence**

Total Unintentional Poisoning Deaths (+1.2)

### **Social & Mental Health**

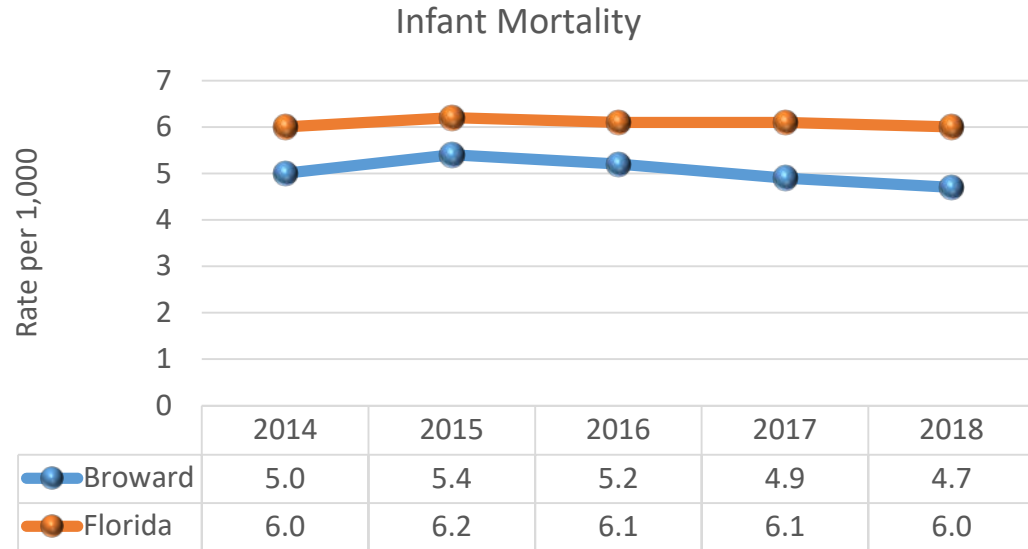
Youth Currently Smoking Cigarettes (+1.5)

Youth Currently Drinking Alcohol (+4.5)

Youth Who are Obese (+1.5)

Total Uninsured (+1.1)

# Maternal & Child Health: Infant Mortality



The infant mortality rate, considered to be a leading indicator of community health, is defined as death 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.

Broward 2020 Goal	FL-DOH Goal	HP 2020 Goal
6.1	6.1	6.0

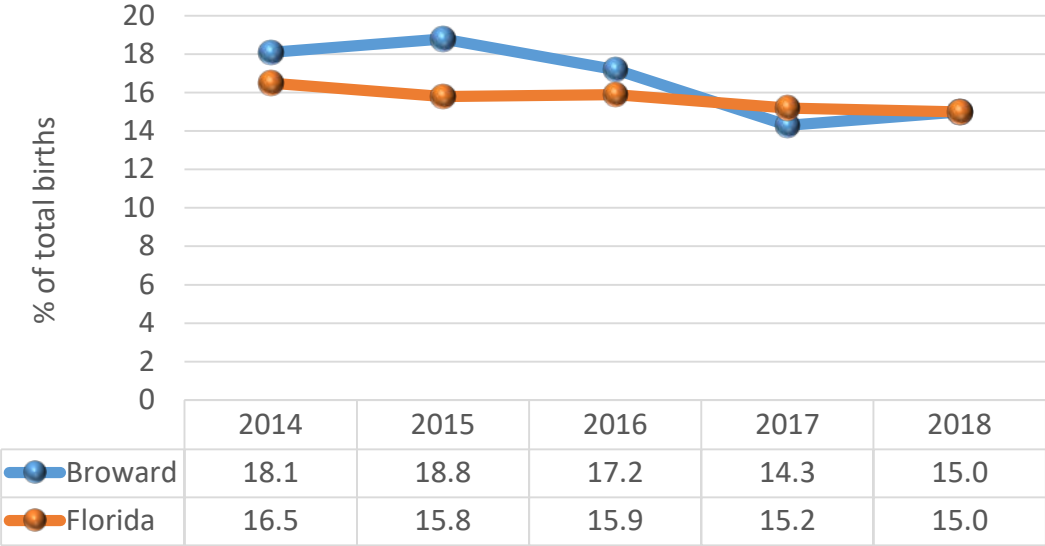
Infant Mortality Rate (per 100,000)	2014	2015	2016	2017	2018	Broward Goal	HP 2020 Goal
White	2.2	3.0	3.2	2.5	2.2	3.5	6.0
Non-White	8.4	8.7	7.7	7.6	7.7	8.0	6.0

Since 2014, rates for infant mortality have been consistently lower in Broward County when compared to the state as a whole. As of 2018, the total infant mortality rate of 4.7 meets the Broward 2020, Florida Department of Health and Healthy People 2020 goals. From 2017 to 2018 Whites experienced a rate increase while Non-Whites experienced a decrease. However, Whites met both Broward's and the Healthy People 2020 goals while Non-Whites only met the Broward goal.

# Maternal & Child Health: Repeat Births to Teens



Repeat Births to Teens<sup>1</sup>



In 2018, Broward’s rate for repeat births to teens 15-19 slightly increased from 14.3 to 15.0.

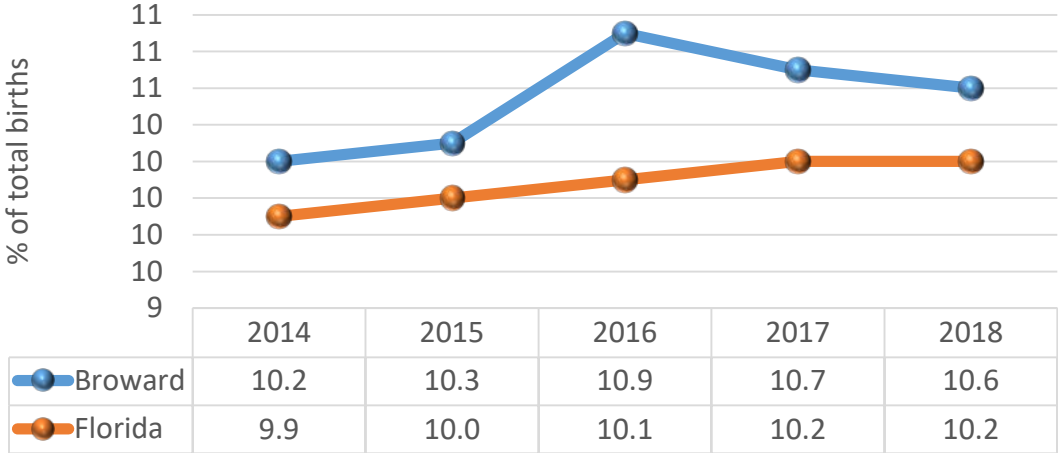
HP 2020 Goal

Not Available

# Maternal & Child Health: Preterm Births



Preterm Births (<37 weeks gestation)<sup>1</sup>



Broward’s rate for preterm births has been slightly higher than Florida’s since 2013. Rates in Broward experienced a decrease from 2017 to 2018 while Florida’s rate remained the same; however, both areas meet the Healthy People 2020 goal.

HP 2020 Goal

11.4%

% of Preterm Births	2014	2015	2016	2017	2018	HP 2020 Goal
White	8.2	8.9	8.8	8.6	8.7	11.4
Non-White	12.6	12.1	13.4	13.4	13.1	11.4

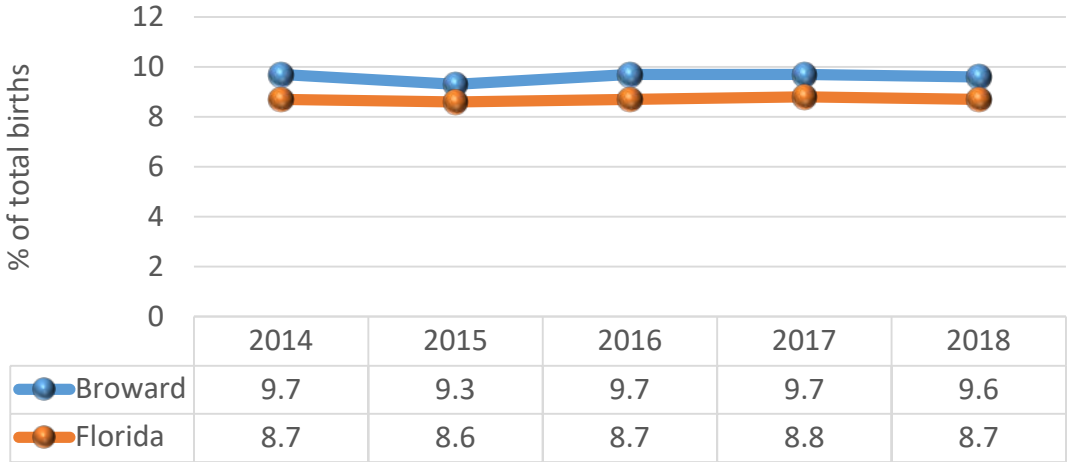
With regards to race the rate of preterm births among Whites has been meeting the Healthy People 2020 goal since 2013; however, during this same time period Non-Whites did not reach this goal and have had an overall increase since 2013 from 12.6 to 13.1.



# Maternal & Child Health: Low Birth Weight



Low Birth Weight<sup>1</sup>



Broward has had higher rates of low birth weight than Florida since 2014. The 2018 rate of 9.6 (a decrease from 9.7 in 2017) does not meet the Broward 2020 or Healthy People 2020 goals.

Broward 2020 Goal	HP 2020 Goal
7.5	7.8

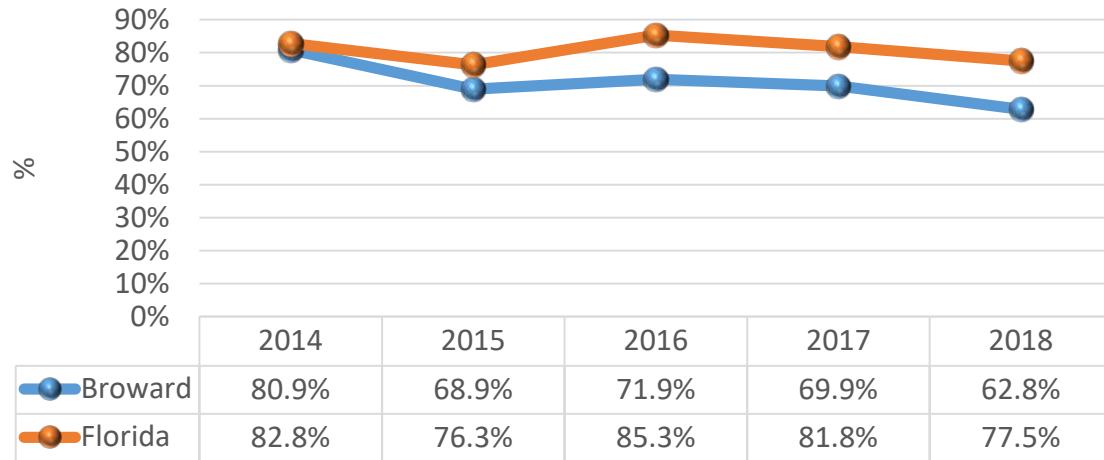
Low Birth Weight % of total births	2014	2015	2016	2017	2018	Broward Goal	HP 2020 Goal
White	7.2	7.3	7.1	7.1	7.0	5.5	7.8
Non-White	12.6	11.9	12.9	12.9	12.9	9.0	7.8

With regards to race, in 2018, the rate of low birth weight among Whites did not meet the Broward 2020 goal; however, it fell within the Healthy People 2020 goal. Non-Whites did not reach either goal in 2017. It is also important to note that the Non-White rate is significantly higher than that of Whites for LBW.

# Maternal & Child Health: Screenings



Prenatal Screening<sup>2</sup>

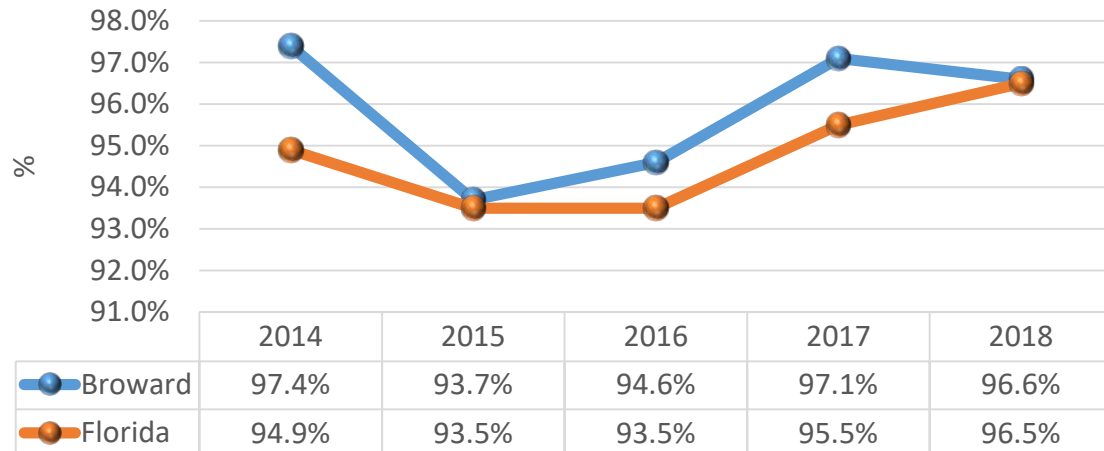


Prenatal screenings have consistently been lower in Broward than in Florida since 2014. Since 2016, both Broward and Florida have had decreases in prenatal screenings—neither of which meet the Broward 2020 goal.

Broward 2020 Goal

85%

Infant Screenings<sup>2</sup>



The percent of infant screening in Broward has been higher than in Florida since 2017. Broward infant screenings reached 96.6% in 2017 which exceeds the Broward goal.

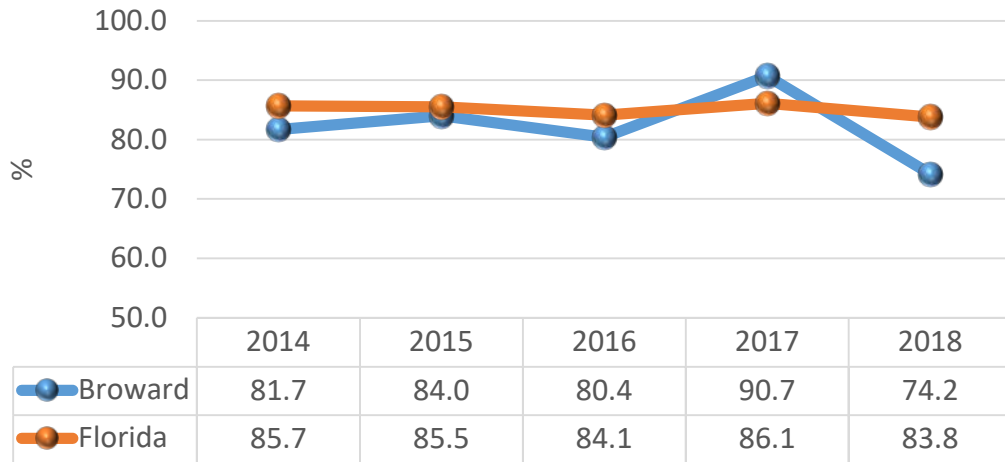
Broward 2020 Goal

95%

# Maternal & Child Health: Immunizations



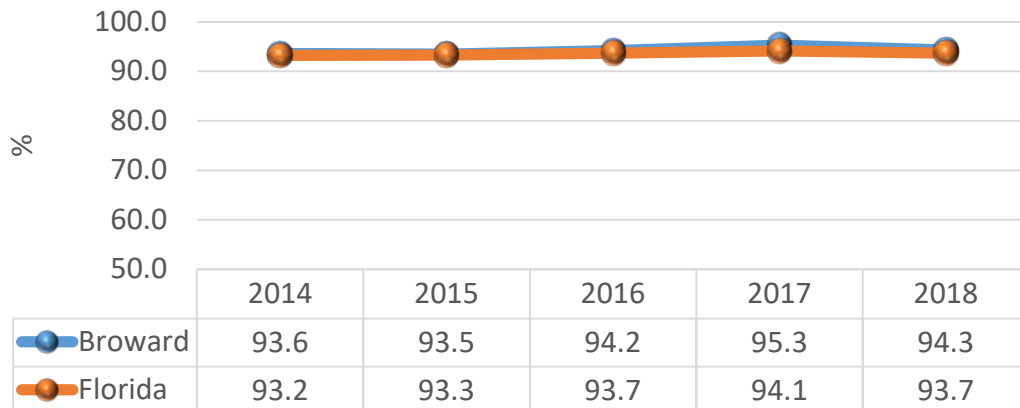
2-year Old Immunizations<sup>1</sup>



Over the years the percent of 2-year olds receiving their immunizations has fluctuated; however, in 2018 immunizations among this population significantly decreased from 90.7 to 74.2 not meeting the Broward County or Healthy People 2020 goals

Broward 2020 Goal	HP 2020 Goal
90%	90%

Kindergarten Immunizations<sup>1</sup>



Since 2014, the percent of immunized Kindergartners has remained relatively stable. In 2018 the percentage of this population that was immunized decreased slightly just missing the Broward and Healthy People 2020 goals of 95%.

Broward 2020 Goal	HP 2020 Goal
95%	95%

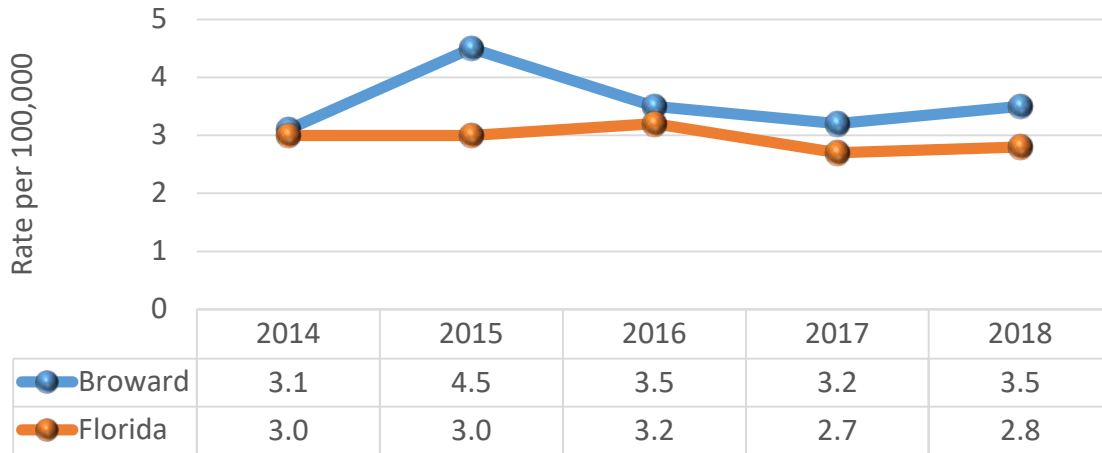
# Maternal & Child Health: Action Items

Indicator	Action Item	Program	Program Objective
<b>Infant Mortality</b>	Reduce the rate of infant mortality in non-White population	Healthy Start- Black Infant Health Practice	Decrease the racial disparity of infant mortality in Broward County by engaging various entities throughout the county to become advocates for the program by volunteering, educating others and spreading the word.
<b>Repeat Births to Teens</b>	Reduce repeat births to teens	Healthy Mothers Health Babies Teen Collaborative Project	Provide in-house case management services to at-risk teens during pregnancy.
<b>Preterm Births and Low Birth Weight</b>	Reduce the number of babies born prematurely and/or with a low birth weight	March of Dimes/Healthy Start- Healthy Babies are Worth the Wait	Decrease the number of mothers who schedule early birth inductions for non-medical reasons.
<b>Immunizations</b>	Increase the percent of 2-year-olds and kindergartners that are fully immunized	Vaccinate Broward (collaboration between Broward Health, Memorial Health System and Community Care Plan)	Ensure that children in Broward are fully vaccinated.

# Communicable Diseases: Tuberculosis & AIDS



Total Tuberculosis Cases<sup>1</sup>

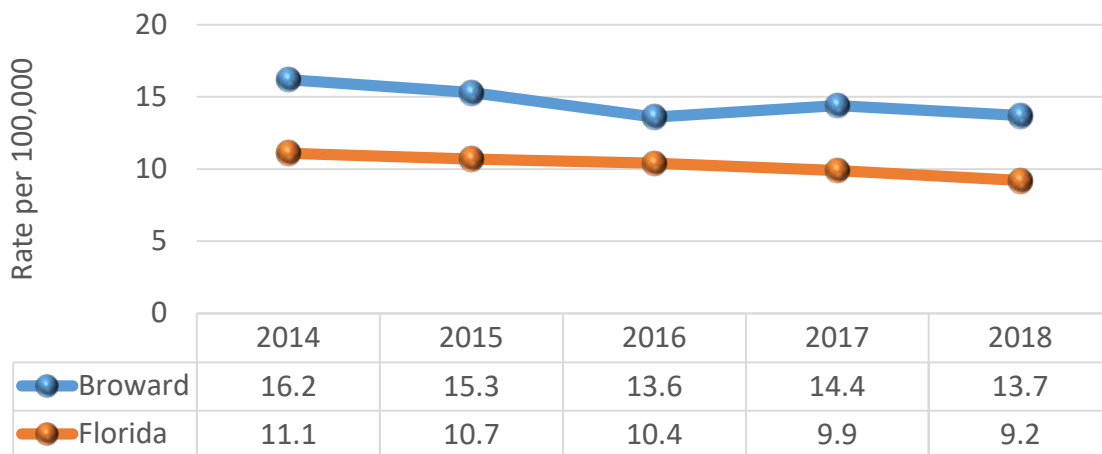


Despite remaining higher than Florida's overall tuberculosis cases, Broward's total number of cases increased from 2017 to 2018 from 3.2 to 3.5, meeting the Healthy People 2020 goal.

HP 2020  
Goal

3.5

AIDS Cases<sup>1</sup>



Total AIDS cases decreased from 2017 to 2018; however, Broward's rate still remains higher overall at 13.7 (compared to Florida's 9.2). Most importantly is that Broward has had an overall decrease in the rate of AIDS cases since 2014 going from 16.2 to 13.7 which now meets the Healthy People 2020 goal.

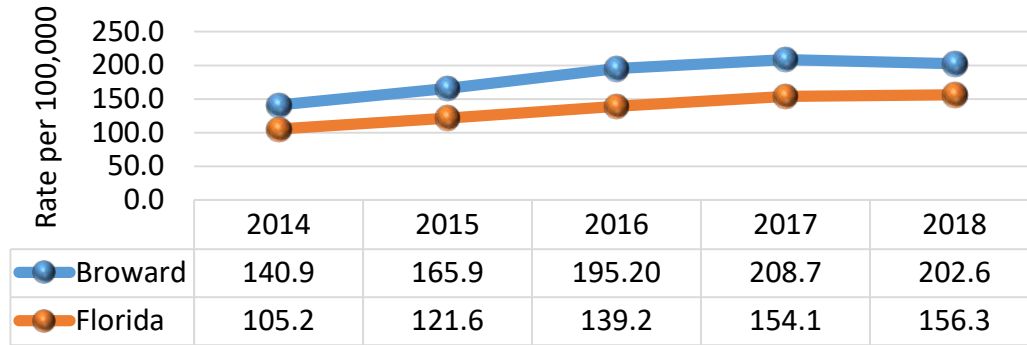
HP 2020  
Goal

17.2

# Communicable Diseases: Sexually Transmitted Infections



Gonorrhea<sup>1</sup>

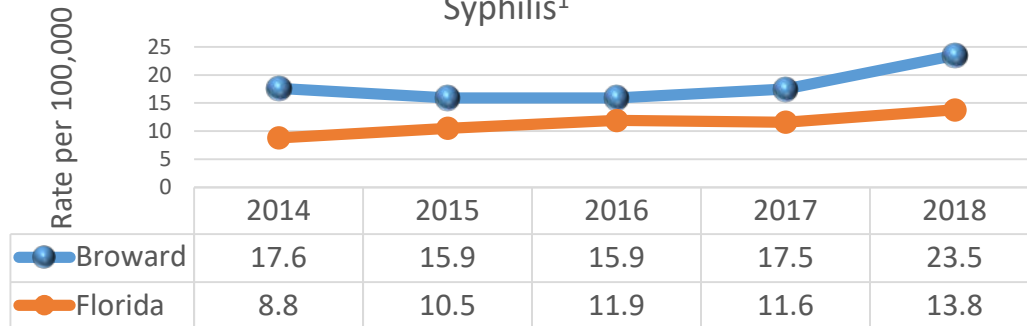


The gonorrhea rate decreased for the first time since 2014, going from 208.7 in 2017 to 202.6 in 2018. Despite this decrease, Broward's rate remains significantly higher than Florida's rate of 156.3.

HP 2020 Goal

Not Available

Syphilis<sup>1</sup>

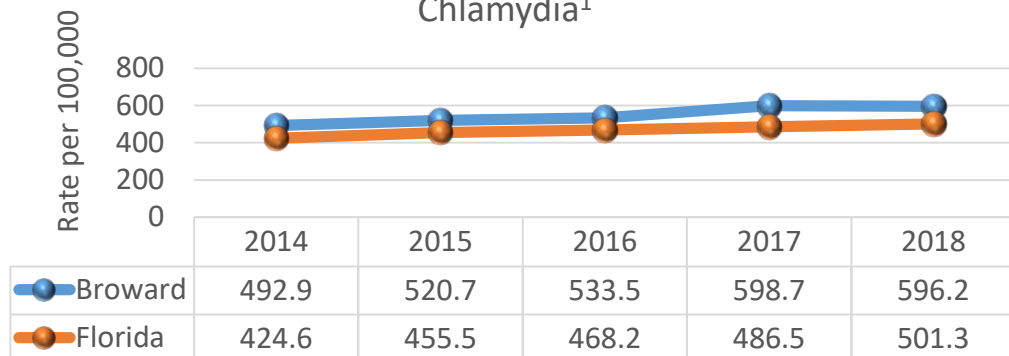


The Syphilis rate in Broward is at the highest it has been in the past 5 years at 23.5 compared to 17.6 in 2014. This increase has further increased the gap between Broward and Florida's rates which have traditionally been lower.

HP 2020 Goal

Not Available

Chlamydia<sup>1</sup>



Chlamydia has experienced its first decrease since 2014 going from 598.7 in 2017 to 596.2 in 2018. Despite being consistently higher than Florida, Florida's rate increased during this same time period closing the gap between the two areas.

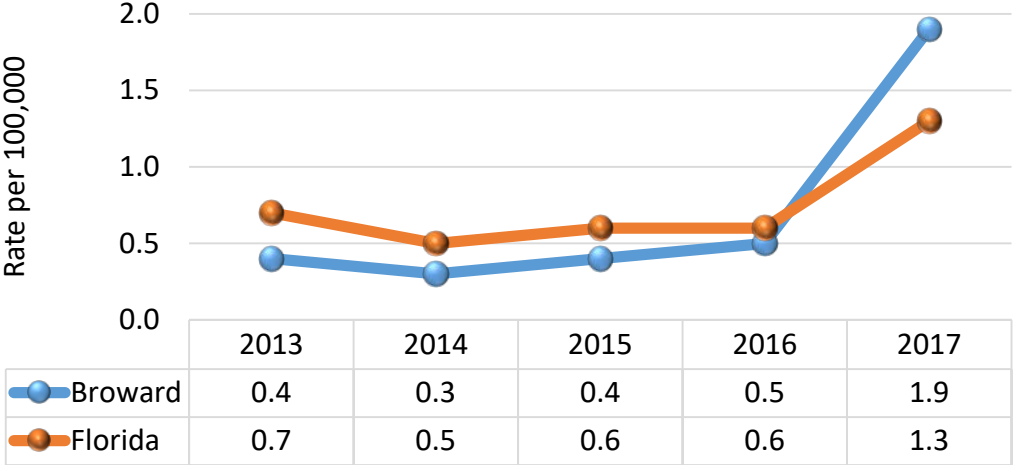
HP 2020 Goal

Not Available

# Communicable Diseases: Hepatitis A&B



Hepatitis A<sup>1</sup>

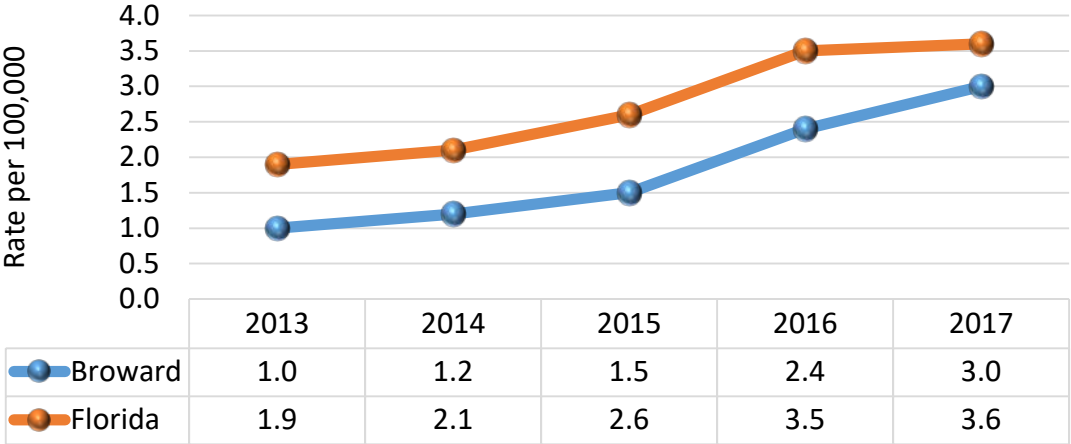


The rate for Hepatitis A in Broward remained relatively constant until increasing in 2017 to 1.9 which is a higher rate Florida's (1.3).

HP 2020 Goal

0.3

Hepatitis B<sup>1</sup>



The Hepatitis B rate for Broward increased in 2017 to 3.0 from 2.4; however, this rate is lower than Florida's rate of 3.6.

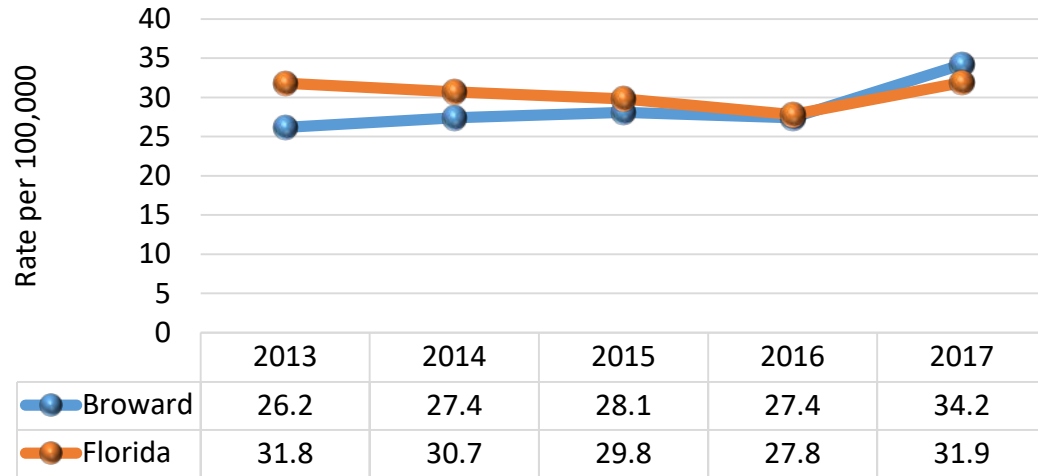
HP 2020 Goal

1.5

# Communicable Diseases: Salmonellosis & Shigellosis



Salmonellosis<sup>1</sup>

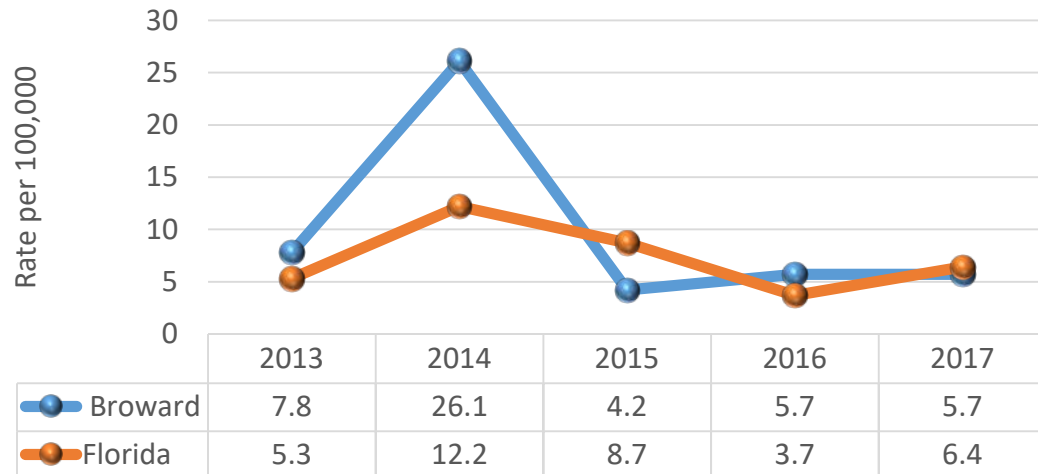


The rate for Salmonellosis in Broward County had a significant increase from 2016 to 2017 (27.4 to 34.2), surpassing Florida's rate (31.9) for the first time in five years.

HP 2020 Goal

11.4

Shigellosis<sup>1</sup>



The rate for Shigellosis remained the same from 2016 to 2017 at 5.7. During this same period, Florida's rate increased from 3.7 to 6.4.

HP 2020 Goal

Not Available



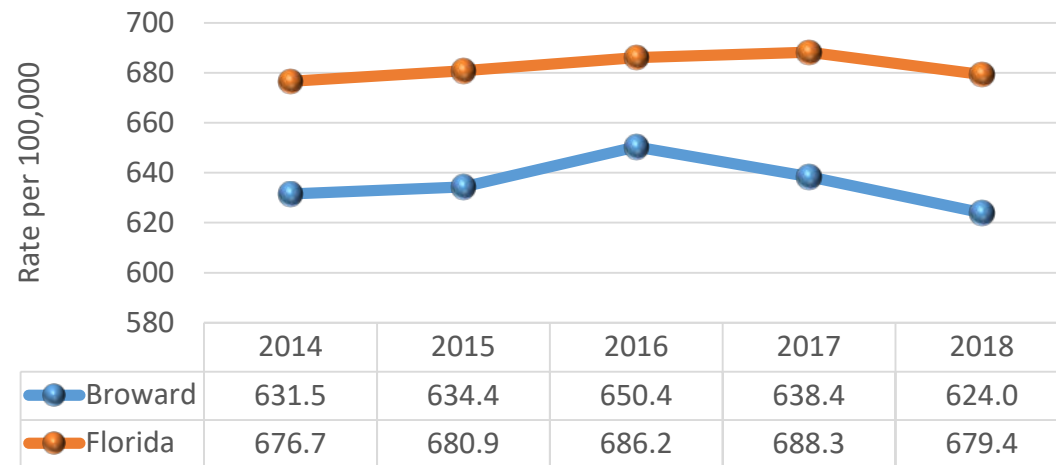
# Communicable Diseases: Action Steps

Indicator	Action Item	Program	Program Objective
AID and Sexually Transmitted Infection Rates	Decrease the rates of new cases of AIDS and STIs and increase efforts to prevent new cases	Department of Health and the AIDS Healthcare Foundation-Wellness Center with free testing	Increase the number of individuals that know their status and provide condoms and educational material to decrease further infection
		Get PrEP Broward	Connect high-risk individuals with resources to obtain PreP in order to decrease the chance of infection

# Chronic Diseases: Total Death Rate



Total Death Rate<sup>1</sup>

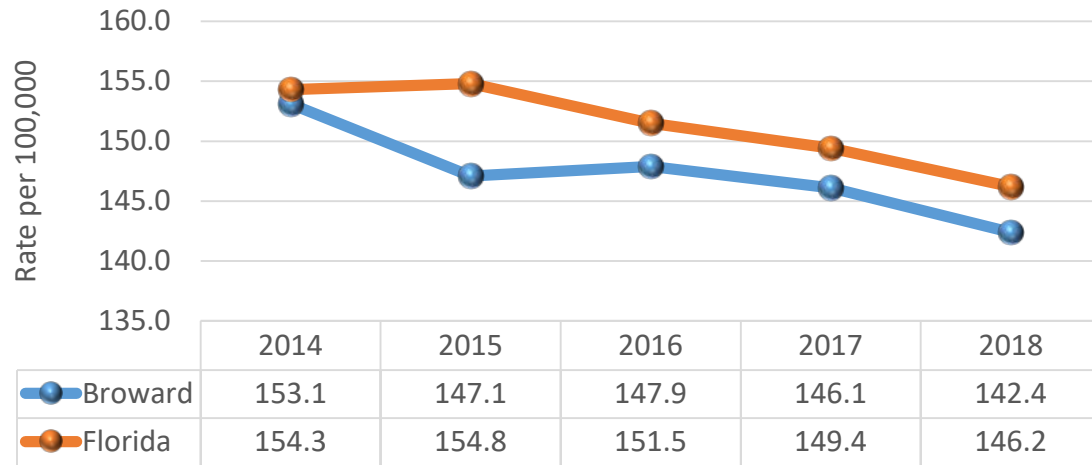


The total death rate in Broward decreased from 638.4 to 624.0, as well as, in Florida from 688.3 to 679.4.

# Chronic Diseases: Cancer & Stroke Deaths



Cancer<sup>1</sup>

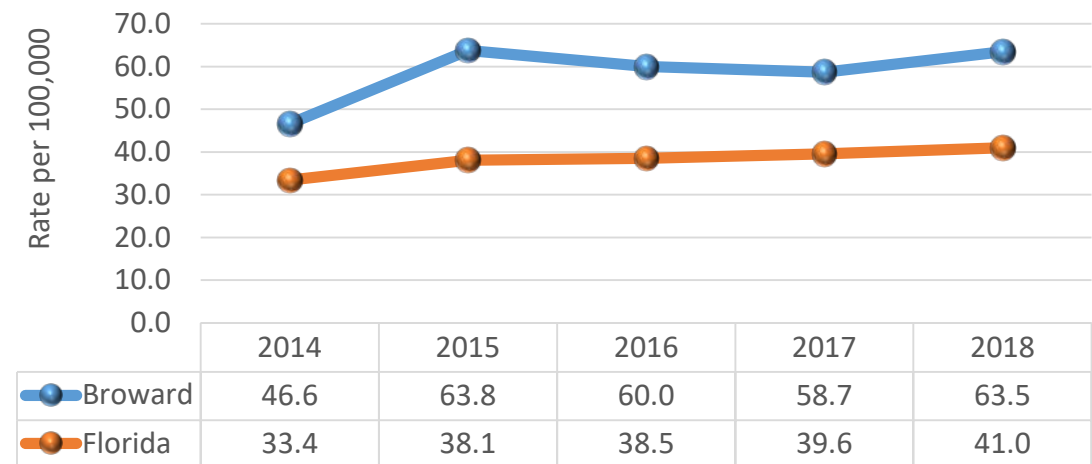


Deaths from all cancers decreased from 2017 (146.1) to 2018 (142.4). This rate represents the consistent trend of Broward's rate being lower than Florida's over the past five years. Both Broward and Florida meet the Healthy People 2020 goal.

HP 2020  
Goal

161.4

Stroke<sup>1</sup>



The death rate from strokes increased from 58.7 in 2017 to 63.5 in 2018. During the same time period, Florida experienced a minor increase from 39.6 to 41.0. Neither areas reached the HP 2020 goal.

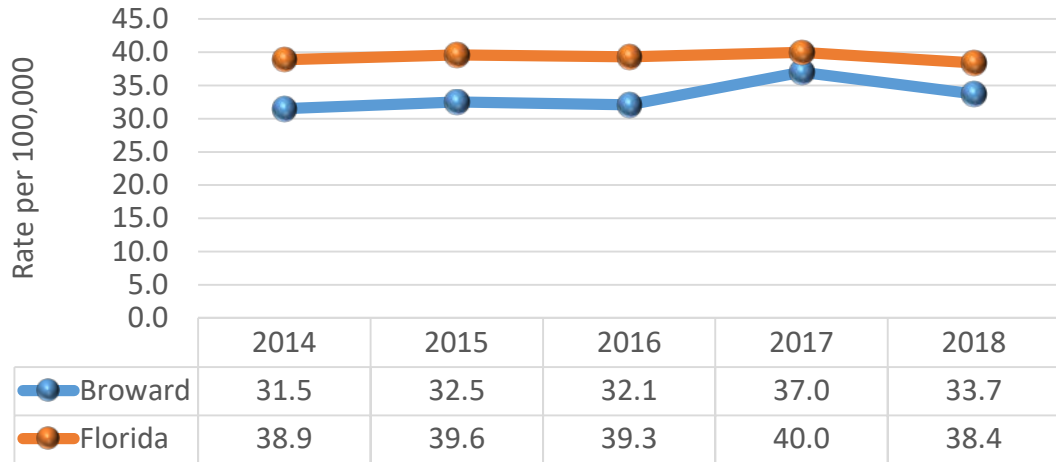
HP 2020  
Goal

34.8

# Chronic Diseases: Respiratory and Heart Disease Deaths



Chronic Lower Respiratory Disease<sup>1</sup>

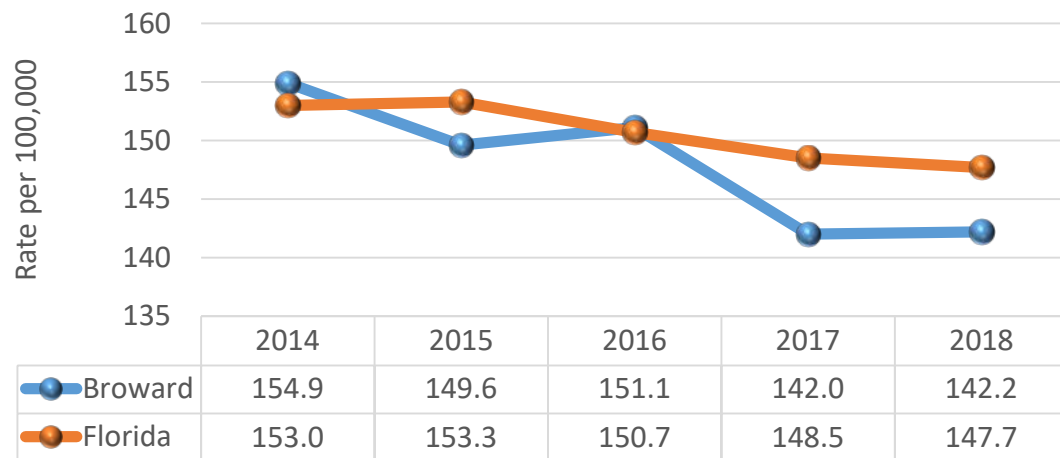


The rate for deaths caused by chronic lower respiratory disease decreased in Broward from 37.0 to 33.7.

HP 2020 Goal

Not Available

Heart Disease<sup>1</sup>



The death rate for heart disease has remained relatively constant from 2017 to 2018 (142.0 to 142.2); however, this rate still does not meet Healthy People's goal of 103.4.

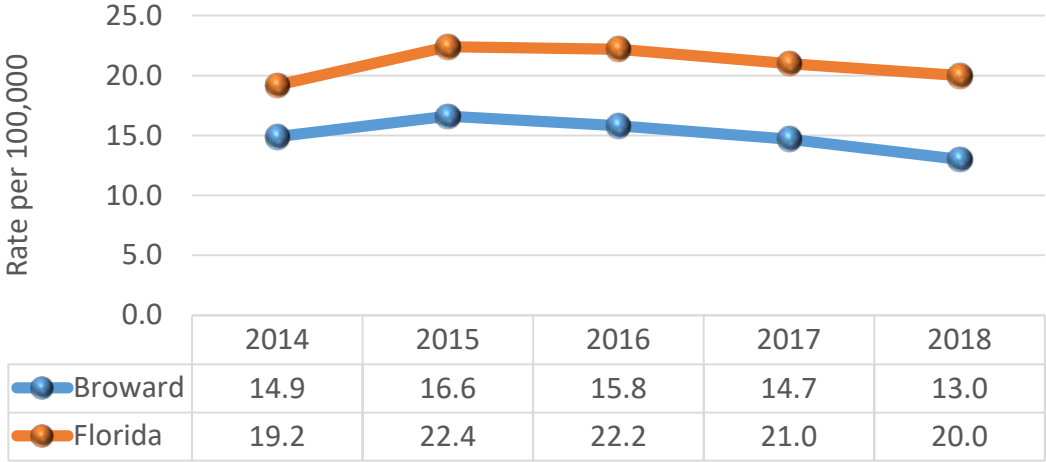
HP 2020 Goal

103.4

# Chronic Diseases: Alzheimer's Disease Deaths



Alzheimer's Disease<sup>1</sup>



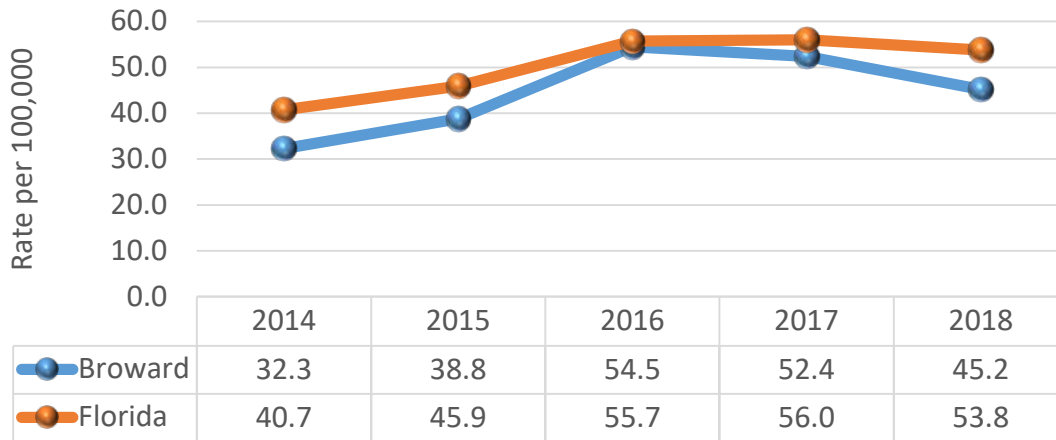
From 2017 to 2018 the death rate for Alzheimer's Disease decreased in Broward from 14.7 to 13.0, as well as in Florida, from 21.0 to 20.0.

HP 2020 Goal  
Not Available

# Injury & Violence: Unintentional Deaths



Total Unintentional Death Rate<sup>1</sup>

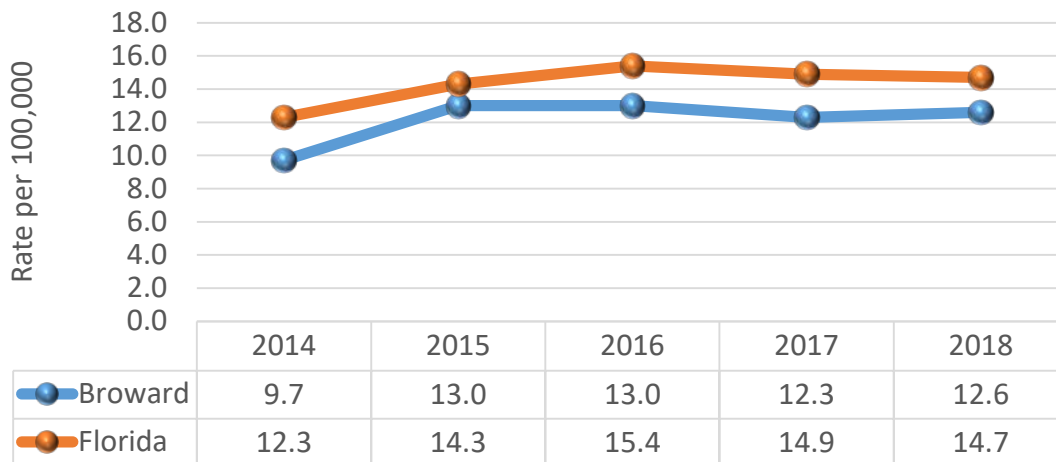


The unintentional death rate experienced a decrease in both Broward County (52.4 to 45.2) and Florida (56.0 to 53.8).

HP 2020  
Goal

Not  
Available

Motor Vehicle Deaths<sup>1</sup>



Motor vehicle deaths remained relatively constant from 2017 to 2018 (12.3 to 12.6) in Broward. The same is true for Florida which went from 14.9 to 14.7 during the same time period. Neither meet the HP 2020 goal

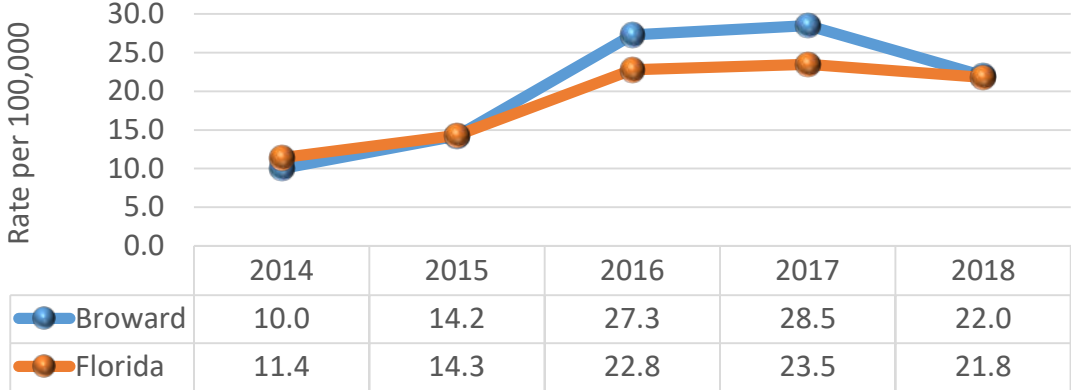
HP 2020  
Goal

12.4

# Injury & Violence: Unintentional Deaths



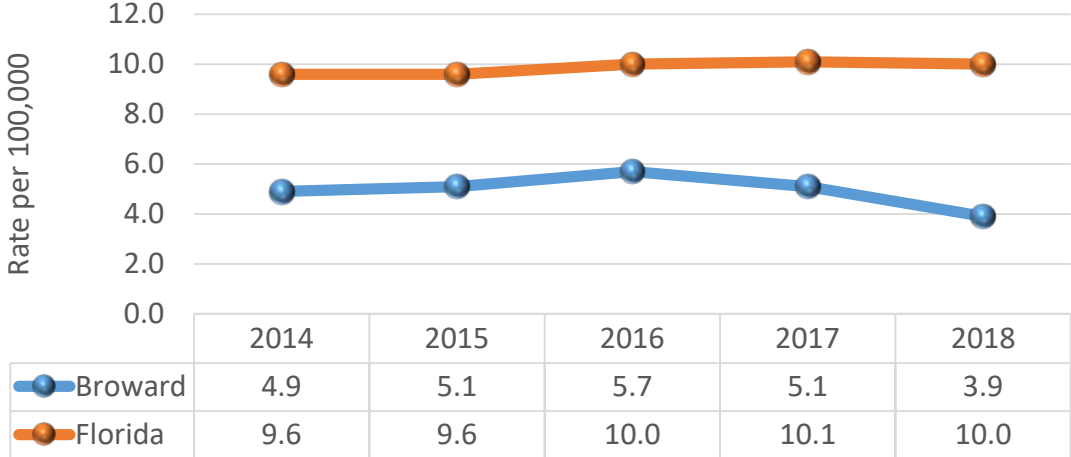
Unintentional Poisoning Deaths<sup>1</sup>



The rate of unintentional poisoning deaths experienced its first decline since 2014 going from 28.5 in 2017 to 22.0 in 2018. Since 2016, Broward’s rate has been higher than the state’s and does not meet the Healthy People 2020 goal of 11.1.

HP 2020 Goal  
11.1

Unintentional Fall Deaths<sup>1</sup>



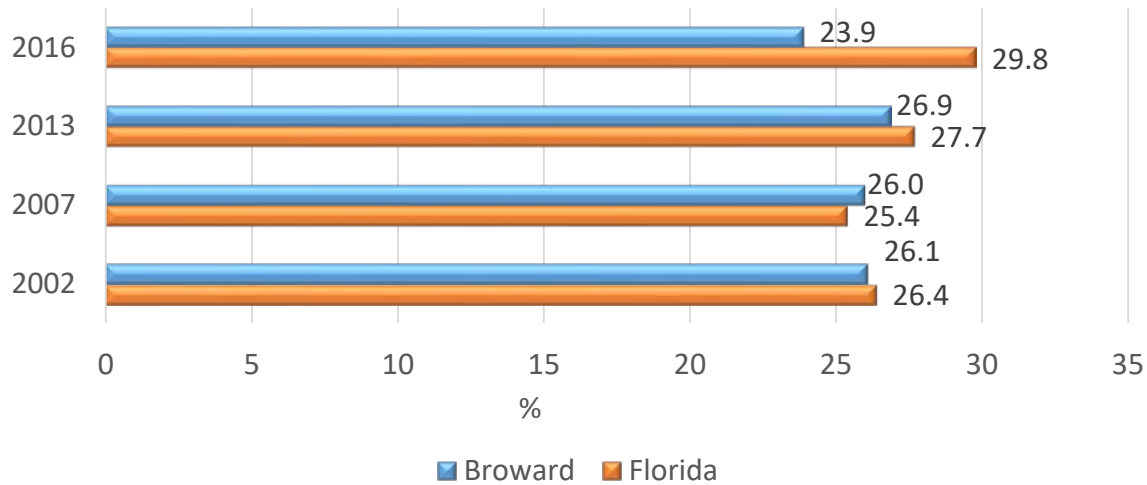
The rate for unintentional fall deaths decreased from 2017 to 2018 (5.1 to 3.9) meeting the HP 2020 goal. Furthermore, the Broward rate continues to be significantly lower than Florida’s which was 10.0 in 2018.

HP 2020 Goal  
7.2

# Social & Mental Health: Behavioral Risk Factor Surveillance Survey



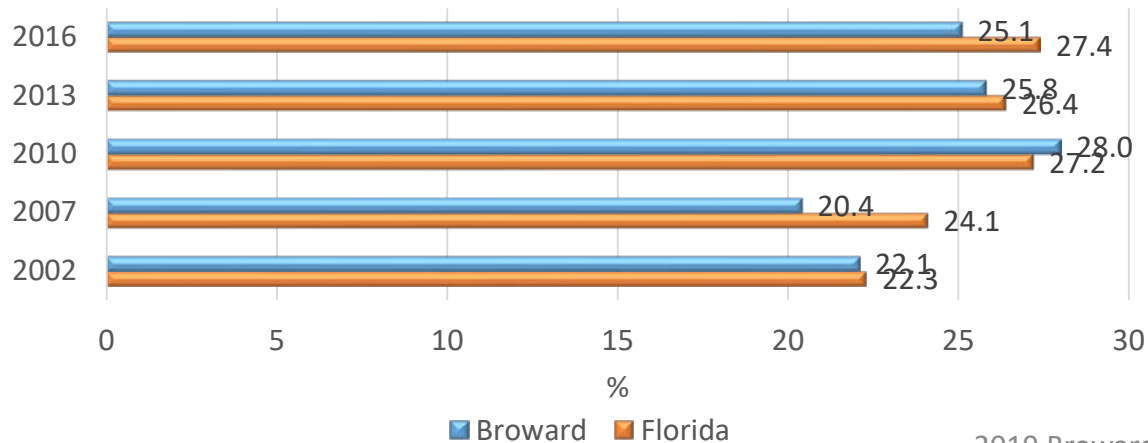
Adults Who are Sedentary<sup>3</sup>



From 2002 to 2016 the overall percent of adults who are sedentary decreased from 26.1% to 23.9%. Florida experienced an increase during this time going from 26.4% to 29.8%.

HP 2020 Goal  
Not Available

Adults Who are Obese<sup>3</sup>



Over the past 5 BRFSS iterations, the Broward percent of residents that reported being obese has fluctuated; however, there was a slight decrease from 25.8 to 25.1 from 2013 to 2016.

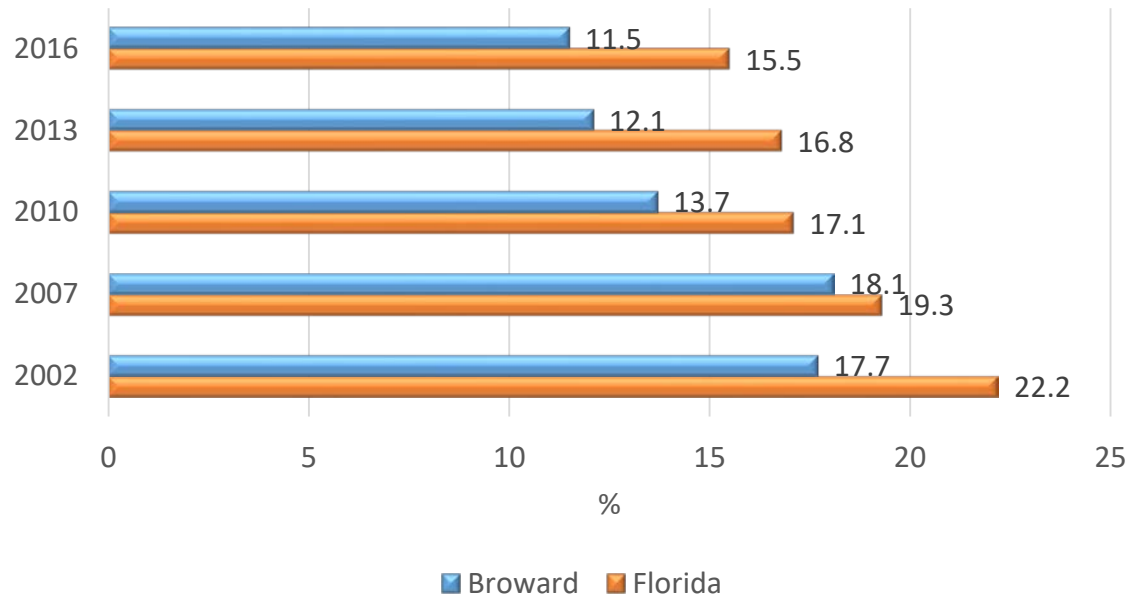
HP 2020 Goal  
30.5%



# Social & Mental Health: Behavioral Risk Factor Surveillance Survey



Adults Who Smoke Cigarettes<sup>3</sup>



Broward's percent of adults who smoke cigarettes continued to decrease in 2016 to 11.5%; lower than Florida's rate of 15.5%.

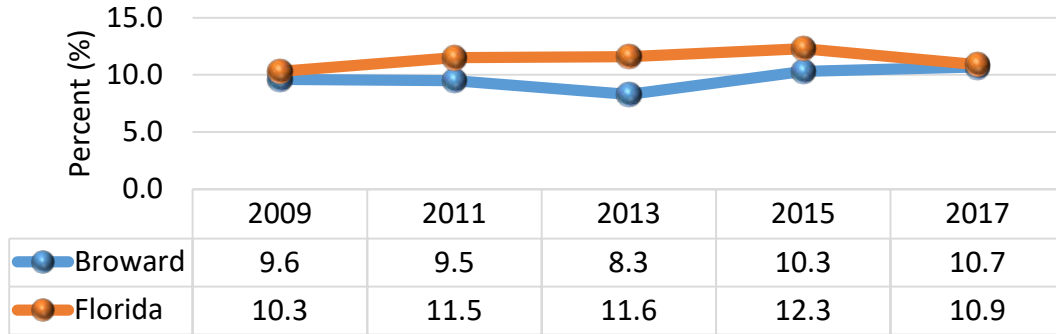
HP 2020 Goal

12%

# Social & Mental Health: Youth Risk Behavior Surveillance Survey



Obese Youth<sup>4</sup>



Broward's percentages for obese youth remained relatively constant in 2017 (10.3 to 10.7) while overweight youth increased from 13.6 to 15.1. In 2017, Florida rates for obese and overweight youth rates decreased from the previous observed period. Both Broward and Florida meet the Health People 2020 goal for obesity.

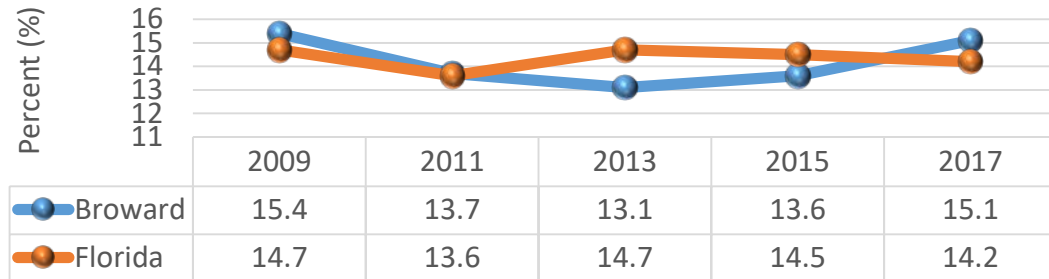
HP 2020 Goal

16.1%

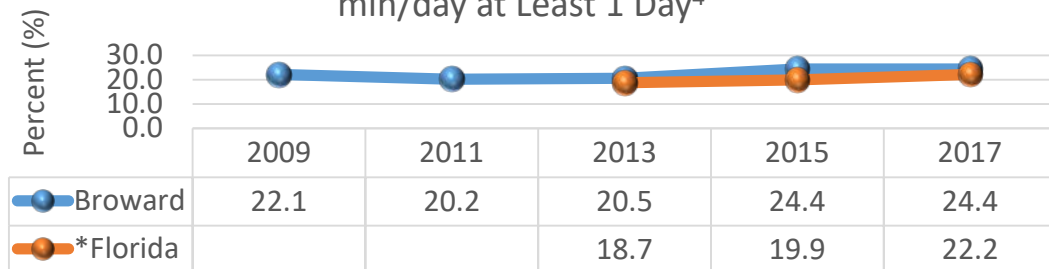
HP 2020 Goal

Not Available

Overweight Youth<sup>4</sup>



Students Who Were Not Physically Active at Least 60 min/day at Least 1 Day<sup>4</sup>



From 2015 to 2017 the percent of high school students who were **not** physically active for 60 minutes on at least one day has remained the same at 24.4%. This is higher than Florida which has a percent of 22.2.

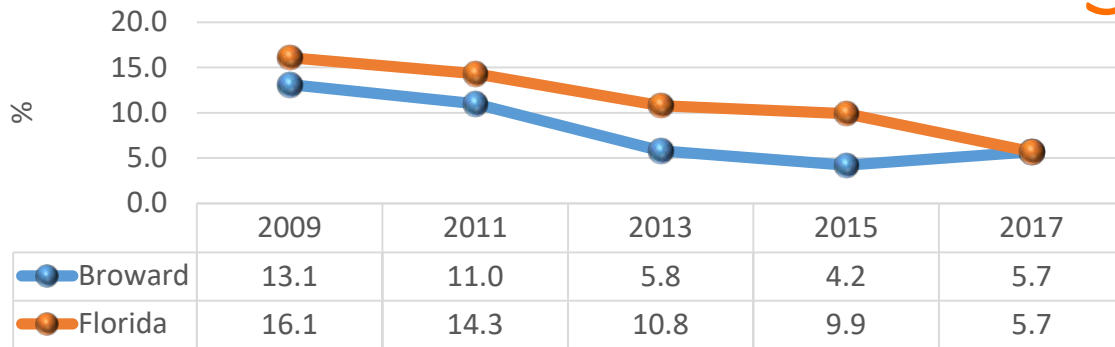
HP 2020 Goal

Not Available

# Social & Mental Health: Youth Risk Behavior Surveillance Survey



Youth Who Smoke Cigarettes<sup>4</sup>

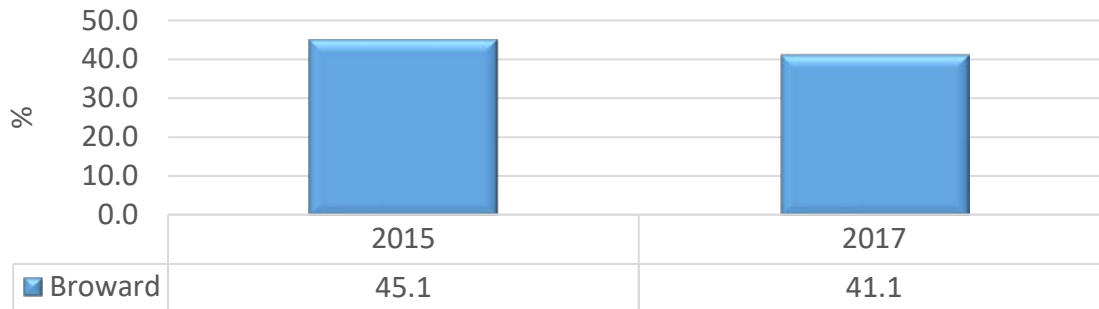


Youth who smoke cigarettes had been consistently dropping in Broward since until 2017 when the percent rose from 4.2 to 5.7. During this same time Florida's percent of youth smokers decreased from 9.9 to 5.7.

HP 2020 Goal

16.0%

Youth Who Ever Used an Electronic Vapor Product<sup>4</sup>

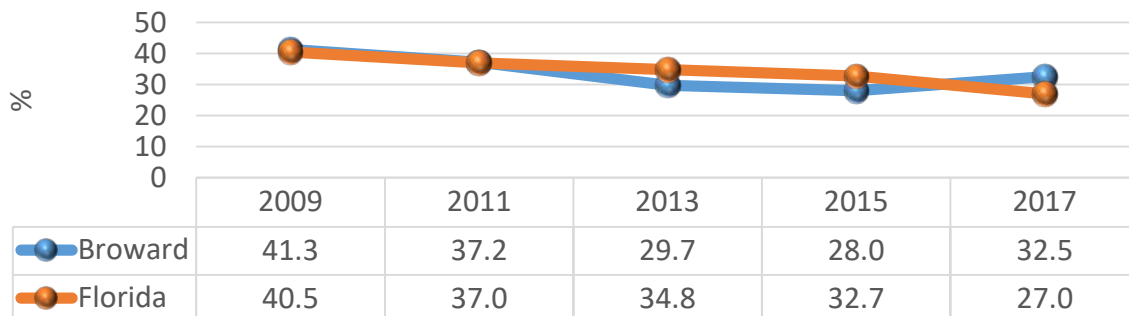


Youth who use electronic vapor products (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs and hookah pens) is a new data element that is being captured (for Broward but not the entire state). From 2015 to 2017 youth reporting use decreased from 45.1 to 41.1.

HP 2020 Goal

Not Available

Youth Who Drink Alcohol<sup>4</sup>



While the rate of youth drinking alcohol has increased in Broward County (28.0 to 32.5) it has been decreasing in Florida (32.7 to 27.0) as a whole; however, neither area meets Healthy People 2020's goal.

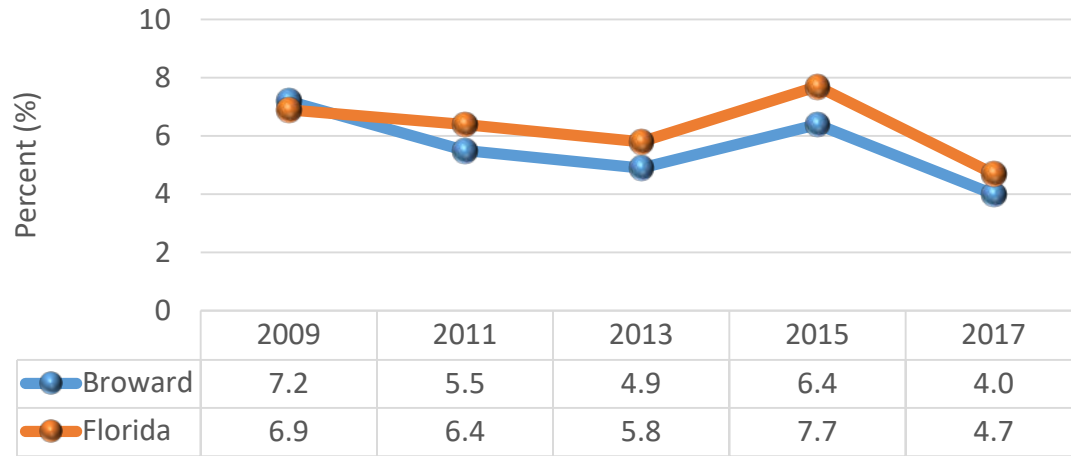
HP 2020 Goal

16.6%

# Social & Mental Health: Youth Risk Behavior Surveillance Survey



Youth Who Have Ever Used Cocaine<sup>4</sup>

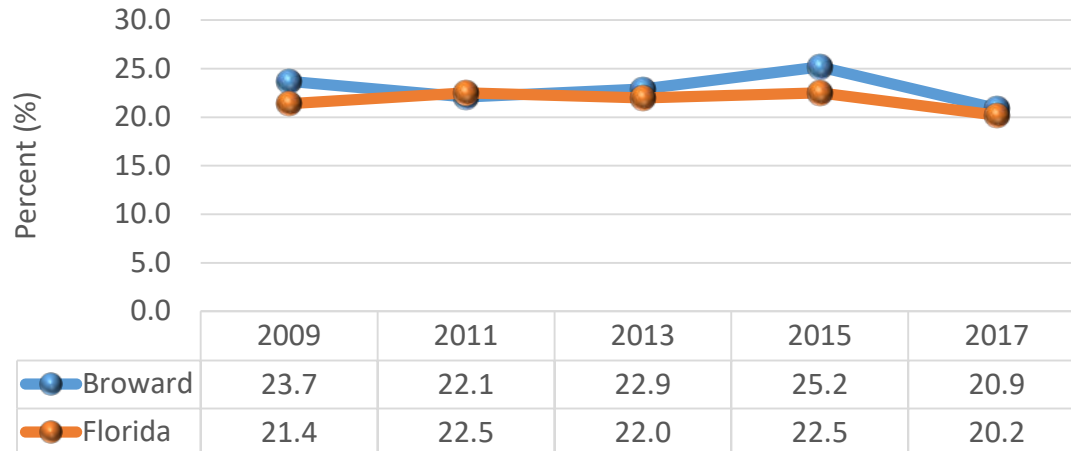


The percent of youth who have ever used cocaine has decreased in both Broward and Florida in 2015; however, Florida's rate remains higher than Broward's (4.7% compared to 4.0%).

HP 2020  
Goal

Not  
Available

Youth Who Smoke Marijuana<sup>4</sup>



Youth who smoke marijuana in Broward decreased in both Broward and Florida from 2015 to 2019 (25.2% to 20.9% and 22.5 and 20.2% respectively).

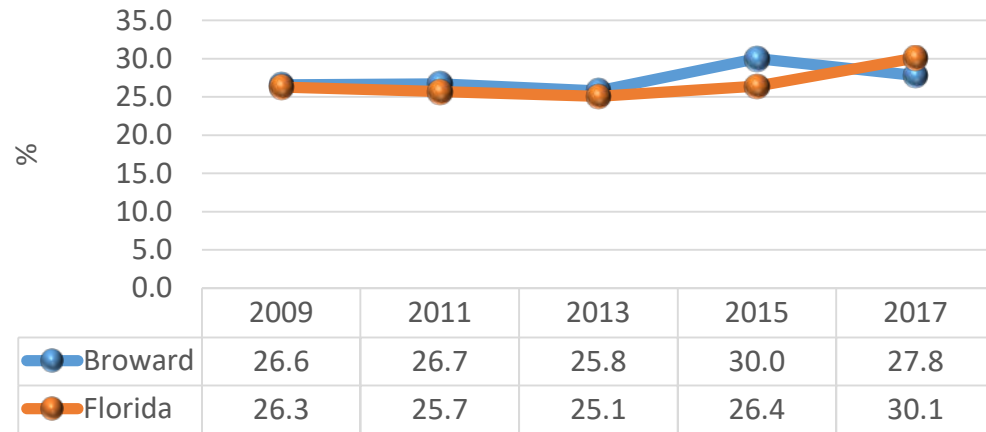
HP 2020  
Goal

6.0%

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Youth Who Felt Sad or Hopeless Almost Every Day for 2+ weeks

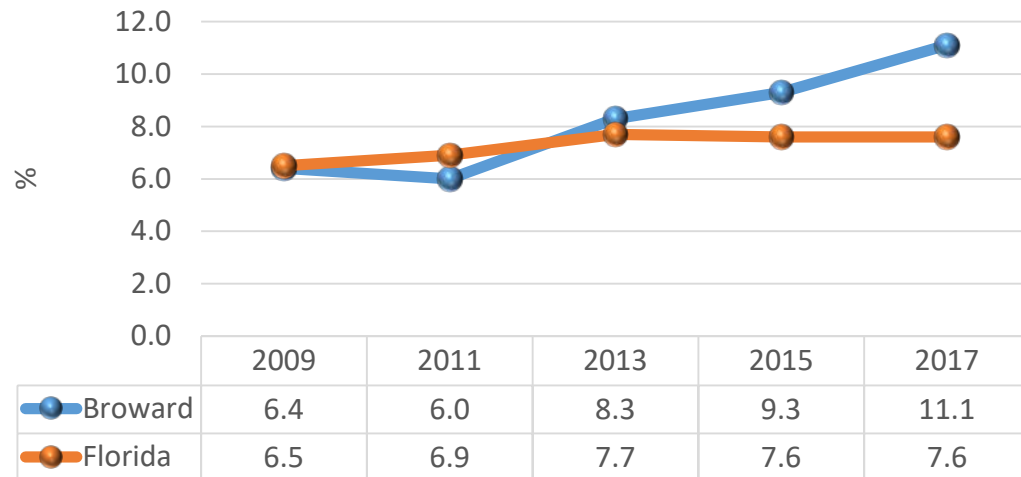


Youth feeling sad or hopeless for extended periods of time in Broward had a decrease from 2015 to 2017 (30.0 to 27.8) falling below Florida's rate of 30.1.

HP 2020 Goal

Not Available

Attempted Suicide at Least Once in Past 12 Months

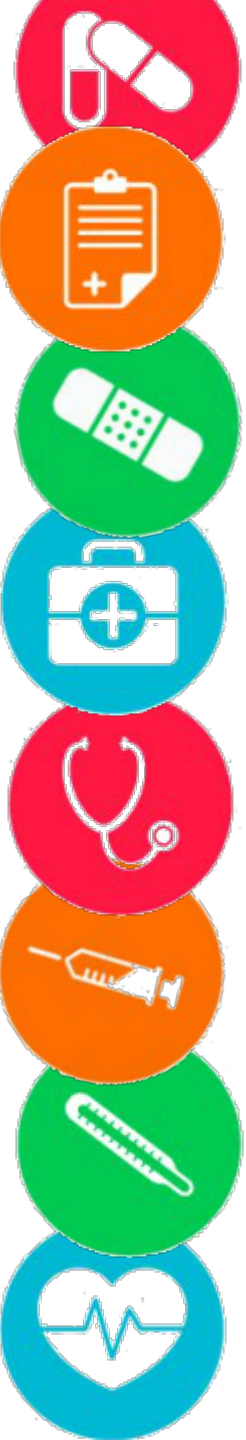


Youth who attempted suicide at least once in the past year has had increases in Broward since 2011, peaking at 11.1 in 2017; significantly higher than Florida's rate.

HP 2020 Goal

\*see note

\*Note: Health People 2020's goal for this indicator is 1.7 attempts per 100.



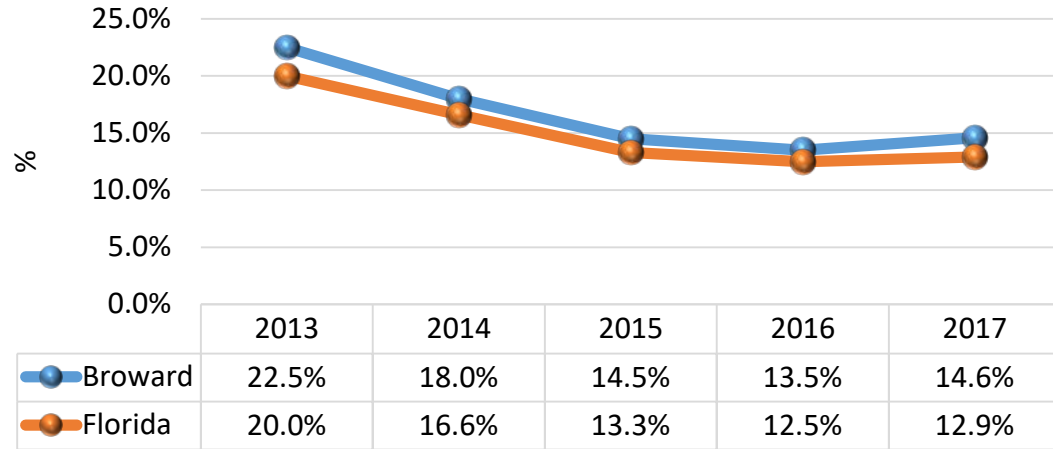
# Social & Mental Health: **Action Item**

Indicator	Action Item	Program	Program Objective
Youth feeling sad or depressed and youth who have attempted suicide	Increase the mental health resources available to students	Broward County Public Schools- Marjory Stoneman Douglas High School Public Safety Act	Provide teachers, administrators and staff with Suicide Prevention, and Youth Mental Health First Aid Trainings
		FLDOE - Enhanced Mental Health Requirements for Florida Schools	Require public schools to provide students in grades six and above a minimum of five hours of mental health education annually.

# Health Resource Availability and Access to Care



Uninsured Population<sup>5</sup>



The percent of uninsured residents of Broward and Florida has increased for the first time since 2013. Going from 13.5% to 14.6% in Broward and 12.5% to 12.9% in Florida.

HP  
2020  
Goal

0%

	2013	2014	2015	2016	2017	HP 2020 Goal
White	19.9	16.1	12.1	11.8	13.9	0%
Black	27.5	21.1	17.5	16.1	16.1	0%
Under 18 *(Under 19)	12.0	10.2	7.1	7.0	*8.9	0%
18-64 *(19-64)	30.5	24.3	19.7	18.4	*19.8	0%
65+	4.4	2.8	3.7	3.3	2.3	0%

\* In 2017, ACS changed the age categories to be “under 19 years”, “19 to 64 years” and “65 years and older”.

When taking race into consideration, Blacks have a higher uninsured percent than Whites. From 2016 to 2017 the number of uninsured Whites increased from 11.8% to 13.9%, the percent of uninsured Blacks remained the same at 16.1%. In regards to age more people in the 19-64 age range are uninsured (19.8%) compared to those under 19 (8.9%) and those over 65 (2.3%). It is important to note that the breakdown in age categories changed in 2017 so data is not comparable to previous years for under 19 and 19-64.

## 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. American Community Survey- [www.factfinder2.census.gov](http://www.factfinder2.census.gov)



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