



# **Broward County Community Health Assessment**

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## **INTRODUCTION**

The Mission of the Florida Department of Health in Broward County (DOH-Broward) is “to protect, promote and improve the health of all people in Florida through integrated state, county and community efforts”. In accordance with this mission, DOH-Broward engaged the Broward County community in the Mobilizing for Action through Planning and Partnerships (MAPP) process in 2012 and in 2016. MAPP is a strategic approach to community health improvement and assists communities to improve health and quality of life through community-wide strategic planning. MAPP includes four separate assessments: Community Health Status, Community Themes and Strengths, Local Public Health System, and the Forces of Change.

Broward County has a long history of collaboratively planning across multiple state, county, and local entities from the public and private sectors to ensure the highest quality of care that also reduce redundancies and duplication within the system of care. DOH-Broward utilized this existing community-based planning structure to assist in the development of the Community Health Assessment. The following agencies participated in this process:

### **Key Partners:**

Agency for Health Care Administration  
Aging and Disability Resource Center of Broward County  
Alliance for a Healthier Generation  
American Heart Association  
American Lung Association  
AT&T  
Audacious Inquiry  
BAND  
Baptist Health Systems  
BCHPPC Perinatal HIV Workgroup  
Berger Singerman  
Brazilian Faith Based  
Brickell Bay Realty Group  
Broward Behavioral Health Coalition  
Broward College  
Broward County Comprehensive School Health Advisory Committee  
Broward County Government  
Broward County Medical Association  
Broward County Municipalities  
Broward County Public Elementary Schools  
Broward County Public Schools  
Broward County Sheriff's Office  
Broward Health  
Broward Health Coral Springs  
Broward Health Imperial Point  
Broward Health Medical Center  
Broward Healthy Start Coalition

Broward Regional Health Planning Council, Inc.  
Broward Sheriff's Office  
Broward Teachers Union  
BWC  
Career Source  
CCB Million Meals Committee  
Children's Diagnostic and Treatment Center  
Children's Services Council of Broward County  
City of Dania Beach  
City of Lauderdale Lakes  
Commit 2B Fit  
Community Action Center  
Community Advocates  
Community Ambassadors  
Community Health Action Information Network  
Cooperative Feeding Program  
Coordinating Council of Broward  
Cordova Rodriguez & Assoc., Inc.,  
EMS Council  
ESciences Inc.  
Family Central  
Florida Atlantic University  
Florida Department of Children and Families  
Florida Department of Transportation  
Florida International University  
Florida Introduces Physical Activity and Nutrition to Youth  
Galt Ocean Community  
Gilda's Club South Florida  
Greater Fort Lauderdale Realtors  
Harvard Jolly, Inc.  
Health Choice Network  
Healthy Mothers, Healthy Babies  
Healthy Start Coalition  
Henderson Behavioral Health  
Hispanic Unity of Florida  
HIV Surveillance  
Holy Cross Hospital  
Hospital ED's  
KidCare  
Latino Salud  
Lauderhill Mall  
Legal Aid Service of Broward County  
Leukemia and Lymphoma Society  
Light of the World Clinic  
Local businesses  
Malka & Kravitz, P.A.

Maternal Child Health Systems Committee (MCHSC)  
Medical Staffing Network  
Memorial Healthcare System  
Miccosukee Tribe of Florida  
Miller Legg  
Minority Development and Empowerment, Inc.  
Miramar Fire-Rescue  
Nova Southeastern University  
Nurses  
Nutrition and Fitness Task Force of Broward County  
Phyl's Academy  
Physicians  
Planned Parenthood  
PRIDE  
Primary Care Providers  
Project Caine  
Publicly funded HIV testing sites  
Regent Bank  
Retired Public Health Subject Matter Experts  
Revive Lives  
Sanofi Pasteur  
Save-A-Lot food stores  
School Board of Broward County  
Seminole Tribe of Florida  
Smart Growth Partnership of Southeast Florida  
South Florida Regional Planning Council  
Special Olympics  
Sunrise Fire / EMS  
Sustainable Performance Solutions  
Transforming Our Community's Health (TOUCH).  
Treatment providers  
United Way of Broward County  
Urban Health Solutions  
Urban League of Broward County  
US Social Security Administration  
US Veterans Administration  
Volunteer Broward  
Western Community Leader  
Whole Foods Market  
WIC  
WorkForce One  
YMCA of Broward

## **METHODOLOGY**

***The Local Public Health System Assessment*** (LPHSA) was conducted in the spring of 2016 using The National Public Health Performance Standards Program (NPHPSP).

These assessments are intended to help users answer questions such as "What are the activities and capacities of our public health system?" and "How well are we providing the Essential Public Health Services in our jurisdiction?" The dialogue that occurs while answering these questions may help identify strengths and opportunities for improvement. Forty-eight organizations completed the online performance rating survey. The Healthcare Access Committee members completed the priority rating questionnaire and Florida Department of Health leadership completed the agency contribution section. The three components were compiled to develop the 10 Essential Public Health Services summary. The summary includes an average overall score of 69.9, with Evaluate Services scoring 86.7 and Link to Health Services 81.3. Areas scoring the lowest average scores included Research/Innovation (50.0), Diagnose and Investigate (63.2) and Enforce Laws (63.8). The complete Assessment Report may be found in Attachment 1.

***The Forces of Change Assessment*** consisted of five community focus groups, three provider focus groups and fifteen key informant interviews. Major findings were grouped into five priority areas: Preventive Care/Chronic Conditions and Management, Community Health Education and Diversity, Maternal Child Health/Prenatal Care, Access to Care and Quality of Care. The complete Assessment Report may be found in Attachment 2.

***The Community Themes and Strengths Assessment*** utilized the 2015 Community Health Needs Assessment developed by Professional Research Consultants, Inc. The Community Health Needs Assessment is a continuation of nine similar studies conducted since 1994 and is a systematic, data driven approach to determining the health status, behaviors and needs of residents in Broward County, Florida. The Assessment serves as a tool toward reaching three basic goals: to improve resident's health status, increase their life span, and elevate their overall quality of life; to reduce health disparities; and, to increase access to preventive services. A random sample of 412 Broward County residents participated in the 2015 assessment of quality of life including a health assessment. The complete Assessment Report may be found in Attachment 3.

***The Community Health Status Assessment*** was prepared in late 2015 and early 2016. The assessment presented data on Population and Socio-Economic Characteristics, Quality of Life, Health Care Resources, Health Status, Risk Youth Behavior Survey findings, Death Indicators, Communicable Diseases, Maternal and Child Health, Vaccine-Preventable Disease and Environmental Health. The complete Assessment Report may be found in Attachment 4.

## **ISSUE SYNTHESIS**

An analysis of the four MAPP assessments identified nine health related challenges (highlighted in yellow) in Broward County that were identified in two or more of the 4 assessments and were validated in the Community Health Status Assessment. These challenges were then categorized into four broad categories each containing one or more of the identified health challenges.



**Table 1  
Issue Synthesis**

Category	Issue identified in Assessment	LPHPS	Forces of Change	Community Themes and	Community Health Status	2013 CHIP
Access	Access to Health Care/Barriers		X	X	X	X
Access	Access to Pre- and Inter-Conceptional Care & Prenatal Care for Undocumented or		X			
Access	Access to Specialists		X			
Access	Accessing Healthcare for Children			X		
Access	Affordability Issues		X			
Access	Community Outreach to Education about Primary Care		X			
Access	Coordination of Care across the Continuum		X			
Access	Cultural and Diversity Issues/Language and Special Needs		X			
Access	Essential Service 10: Research/Innovations	X				
Access	Health Literacy		X			
Access	Healthcare Disparities Based on Income and Insurance Status		X			
Access	Lack of Insurance and Enrollment		X	X	X	X
Access	Navigating the Health Insurance System		X			
Access	Oral Health			X		
Access	Primary Care Services-Specific Source of Ongoing Care			X		
Access	Screenings		X			
Behavioral	Fruit & Vegetable Consumption			X	X	X
Behavioral	Obesity		X	X	X	X
Behavioral	Tobacco Use			X		
Chronic	Coronary Heart Disease		X	X		
Chronic	Diabetes		X	X		
Chronic	Hypertension		X			
Chronic	Mental Health and Substance Abuse			X		
Elder	Alzheimer's Disease			X		
Elder	Evaluate Palliative Care Practices		X			
Infectious Disease	Bacterial Pneumonia		X			
Infectious Disease	Congenital Syphilis	X			X	X
Infectious Disease	HIV	X	X		X	X
Infectious Disease	Syphilis	X			X	X
Maternal & Child Health	Cancer and Cancer Screenings		X	X	X	X
Maternal & Child Health	Immunization 2 Year Olds				X	X
Maternal & Child Health	Immunization Kindergarten				X	X
Maternal & Child Health	Infant Mortality	X	X		X	X
Regulatory	Essential Service 6: Enforce Laws	X				

## PEER COUNTY COMPARISONS

A peer comparison group was selected based on the closeness of the match between these counties and socio-demographic indicators for Broward County. Broward County's peer group was composed of the following Florida counties: Hillsboro, Miami-Dade, Orange and Palm Beach.

**Table 2**  
**Comparison of Peer Counties**  
**Broward County and the State of Florida to the Community Themes and**  
**Strengths Survey Population**

Population and Sample Characteristics									
	Men		Women		TOTAL				
PRC Survey		47.7%		52.3%					
Broward	885,605	48.6%	936,369	51.4%	1,821,974				
Miami-Dade	1,287,988	48.6%	1,363,207	51.4%	2,651,195				
Hillsboro	654,335	49.0%	680,458	51.0%	1,334,793				
Orange	623,915	49.3%	641,121	50.7%	1,265,036				
Palm Beach	668,984	48.4%	712,648	51.6%	1,381,632				
State	9,717,984	48.9%	10,142,821	51.1%	19,860,805				
	0-14		15-44		45-64		65+		
PRC Survey								18.2%	
Broward	323,211	17.7%	696,299	38.2%	506,296	27.8%	296,168	16.3%	
Miami-Dade	467,737	17.6%	1,977,736	74.6%	693,163	26.1%	412,559	15.6%	
Hillsboro	262,232	19.6%	559,110	41.9%	334,343	25.0%	179,108	13.4%	
Orange	248,856	19.7%	573,248	45.3%	302,716	23.9%	140,216	11.1%	
Palm Beach	225,733	16.3%	473,427	34.3%	363,980	26.3%	318,492	23.1%	
State	3,412,740	17.2%	7,358,381	37.0%	5,303,827	26.7%	3,785,857	19.1%	
	White		Black		Other		Hispanic		<200% FPL
PRC Survey		47.1%		28.5%				24.4%	35.5%
Broward	1,189,783	65.3%	519,619	28.5%	112,572	6.2%	493,732	27.1%	31.0%
Miami-Dade	2,064,044	77.9%	503,933	19.0%	83,218	3.1%	1,765,623	66.6%	40.7%
Hillsboro	1,006,507	75.4%	238,142	17.8%	90,144	6.8%	359,710	26.9%	33.1%
Orange	872,023	68.9%	283,948	22.4%	109,065	8.6%	372,902	29.5%	34.6%
Palm Beach	1,063,412	77.0%	249,759	18.1%	68,461	5.0%	295,928	21.4%	30.1%
State	15,480,568	77.9%	3,343,371	16.8%	1,036,866	5.2%	4,854,383	24.4%	33.7%
Source: Florida CHARTS, 2015									



## **ISSUE ANALYSIS**

Data for each of the identified health challenges were then compared to a peer group average and a state average value. In addition, the Healthy People 2020 goal and indicator were included for each identified challenge (Appendix 2). Healthy People 2020 tracks approximately 1,200 objectives organized into 42 topic areas, each of which represents an important public health area.

### **HEALTHCARE ACCESS**

#### **LACK OF HEALTH INSURANCE**

- The uninsured rate for Broward County is lower than that of the peer county average and the state.
- The uninsured rate for Broward County is higher than that of the United States.
- Broward County has not met the Healthy People goal of 0.0% uninsured by 2020.

<b>LACK of Healthcare Insurance Coverage</b>								
<b>Healthy People 2020 Goal: Increase the proportion of people with medical insurance</b>								
GOAL:		Peer Counties				Peer Average	Florida	U.S.
Healthy People 2020 0.0% (100% coverage)	Broward	Hillsboro	Miami-Dade	Orange	Palm Beach			
2013	21.3	19.1	32.0	26.2	20.3	24.4	22.9	13.4

Source: Behavioral Risk Factor Surveillance System (BRFSS), 2013

## **INFECTIOUS DISEASES**

### **HIV/AIDS INFECTIONS & RATES**

- The Broward County HIV rate per 100,000 is higher than that of the peer county average and the state.
- The Broward County HIV rate per 100,000 is higher than that of the United States.
- Broward County has not met the Healthy People goal of 3.5 new infections per 100,000 by 2020.

<b>New HIV Infections and Rates per 100,000, 2014</b>								
<b>Healthy People 2020 Goal: Reduce the rate of HIV Transmission among Adolescents and Adults</b>								
		Peer Counties				Peer Average	Florida	U.S.
		Hillsboro	Miami-Dade	Orange	Palm Beach			
	Broward							
Healthy People 2020 = 3.5 new infections per 100,000	694	340	1,187	382	320	557	4,613	44,073
	38.6	26.1	45.8	31.0	23.5	31.6	23.6	16.5

Source: FL CHARTS

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)

US HIV data: <http://www.cdc.gov>

## INFECTIOUS SYPHILIS

- The Broward County Infectious Syphilis Rate per 100,000 is higher than that of the peer county average and the state.
- The Broward County Infectious Syphilis Rate per 100,000 for males is higher than that of the United States.
- Broward County has not met the Healthy People goal of 1.3 new cases of infectious syphilis for females nor 6.7 for males per 100,000 by 2020.

Infectious Syphilis Rate per 100,000, 2015								
Healthy People 2020 Goal: Reduce sustained domestic transmission of primary and secondary syphilis								
	Broward	Peer Counties				Peer Average	Florida	U.S.
		Hillsboro	Miami-Dade	Orange	Palm Beach			
Healthy People 2020	15.5	16.1	17.1	17.3	7.1	14.4	8.9	6.3
Females: 1.3 new cases	2.0	2.4	2.5	1.4	2.1	2.1	1.4	1.1
Males: 6.7 new cases	29.8	30.5	32.7	33.7	12.4	27.3	16.8	11.7

Source: FL CHARTS

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)

## CONGENITAL SYPHILIS

- The Broward County Congenital Syphilis Rate per 1,000 births is higher than that of the United States.
- Broward County has not met the Healthy People goal of 9.6 cases per 1,000 live births by 2020.

Congenital Syphilis Rate per 1,000 Live Births, 2015								
Healthy People 2020 Goal: Reduce Congenital Syphilis								
Healthy People 2020 9.6 cases per 1,000 live births	Broward	Peer Counties				Peer Average	Florida	2014 U.S.
		Hillsboro	Miami-Dade	Orange	Palm Beach			
2015	13.3	22.6	24.5	29.7	6.68	20.87	16.8	11.6

Source: FL CHARTS

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)

## **MATERNAL AND CHILD HEALTH**

### **CERVICAL CANCER SCREENING**

- The Broward County rate of women aged 18 and older who have had a Pap test in the past 1 year is lower than that of the United States.
- Broward County has not met the Healthy People goal of 93% by 2020.

Women aged 18+ Who Have Had a Test Smear in the Past 1 Year								
Healthy People 2020 Goal: Increase the Proportion of Women Who receive cervical cancer screening based on the most recent guidelines								
Healthy People 2020 Goal = 93%	Broward	Peer Counties				Peer Average	Florida	U.S.
		Hillsboro	Miami- Dade	Orange	Palm Beach			
2013	56.2	47.0	53.8	51.7	54.1	51.65	51.4	80.7

Source: Behavioral Risk Factor Surveillance System (BRFSS), 2013

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)

### **INFANT MORTALITY RATE**

- The Broward County black infant death rate per 1,000 live births has not met the Healthy People goal of 6 by 2020.

Infant Deaths per 1,000 Live Births, 2015								
Healthy People 2020 Goal: Reduce the Rate of Infant Deaths								
	Broward	Peer Counties				Peer Average	Florida	2014 U.S.
		Hillsboro	Miami- Dade	Orange	Palm Beach			
Healthy People 2020 = 6	5.4	8.0	4.8	6.4	4.9	6.0	6.2	5.8
Black	9.1	13.1	8.8	10.8	9.1	10.45	11.4	11
White	3.0	5.1	3.4	4.5	3.2	4.05	4.4	4.9

Source: FL CHARTS

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)

## IMMUNIZATIONS

- The Broward County kindergarten immunization level does not meet the state of Florida goal for immunization level of 95%.

Children in Kindergarten Immunization Levels, 2015/16								
Healthy People 2020 Goal: Maintain Vaccination Coverage Levels for Children in Kindergarten								
State Immunization Goal = 95%								
State of Florida Goal = 95%	Broward	Peer Counties				Peer Average	Florida	U.S.
		Hillsboro	Miami-Dade	Orange	Palm Beach			
2015/16	94.2	91.9	92.5	93.7	90.7	92.2	93.7	94.0

Source: FL CHARTS

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)

- The percent of Broward County 2 year old children fully immunized is lower than that of the peer county average and the state of Florida.
- The percent of Broward County 2 year old children fully immunized does not meet the state goal for immunization of 95%.

Percent of 2 Year Old Children Fully Immunized, 2015								
Healthy People 2020 Goal: Increase routine vaccination coverage levels for adolescents								
State Immunization Goal = 95%								
State of Florida Goal = 95%	Broward	Peer Counties				Peer Average	Florida	U.S.
		Hillsboro	Miami-Dade	Orange	Palm Beach			
2015	84.0	85.4	83.3	88.9	85.4	85.8	85.5	84.2

Source: FL CHARTS

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)

## **BEHAVIORAL HEALTH**

### **OBESITY**

- The percentage of Broward County adults who are obese is higher than that of the peer county average.
- There is disparity in the percent of black Broward County adults who are obese.
- The percentage of Broward County black adults who are obese does not meet the Healthy People goal of 30.5% by 2020.

Percentage of Adults Who Are Obese, 2013								
Healthy People 2020 Goal = Reduce the proportion of Adults Who Are Obese								
Healthy People 2020 = 30.5%	Broward	Peer Counties				Peer Average	Florida	U.S.
		Hillsboro	Miami-Dade	Orange	Palm Beach			
TOTAL	25.8	29.3	23.8	25.0	19.9	24.5	26.4	34.9
White	23.6	26.5	14.0	24.1	22.6	21.8	25.1	32.6
Black	34.3	35.9	28.2	25.7	24.8	28.7	34.2	47.8
Hispanic	25	30.3	25.6	27.4	15.1	24.6	26.4	42.5

Source: Behavioral Risk Factor Surveillance System (BRFSS), 2013

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)

### **FRUIT AND VEGETABLE CONSUMPTION**

- The percentage of Broward County adults who consume at least five servings of fruits and vegetables a day does not meet the Healthy People goal of 50% by 2020.

Percentage of Adults Who Consume At Least Five Servings of Fruits and Vegetables A Day, Overall, 2013								
Healthy People 2020 Goal = Increase Consumption of Fruit $\geq 2$ to 75% and Vegetables $\geq 3$ to 50% for the Population Aged 2 Years and Older								
Healthy People 2020 = 50%	Broward	Peer Counties				Peer Average	Florida	U.S.
		Hillsboro	Miami-Dade	Orange	Palm Beach			
TOTAL	20.7	16.1	19.0	19.5	24.2	19.7	18.3	37.7
White	17.8	14.0	10.8	15.7	19.3	15.0	16.3	36.4
Black	19.4	23.9	29.6	20.6	48.3	30.6	22.4	48.4
Hispanic	22.0	16.5	18.6	23.6	19.1	19.5	19.8	42.6

Source: Behavioral Risk Factor Surveillance System (BRFSS), 2013

[US Department of HHS Healthy People 2020 December 2010 http://www.healthypeople.gov](http://www.healthypeople.gov)