

### State of the HIV Epidemic in Florida, 2017

Florida Department of Health  
HIV/AIDS Section  
Data as of 6/30/2018

To protect, promote and improve the health of all people in Florida through integrated state, county, and community efforts.

Division of Disease Control and Health Protection

1

---

---

---

---

---

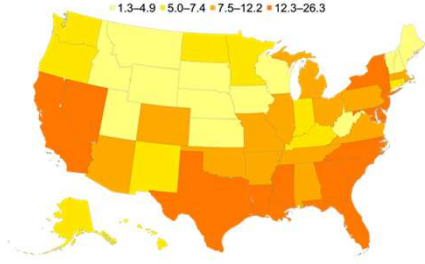
---

---

---

### HIV Diagnosis Rates by Area of Residence, 2016, United States (U.S.)<sup>1</sup> U.S. Rate=12.3 N=39,782

1.3-4.9 ■ 5.0-7.4 ■ 7.5-12.2 ■ 12.3-26.3



<sup>1</sup>Source: US data: HIV Surveillance Report, 2016 (most recent available) Vol. 28, Table 24 (HIV data for all 50 states)  
<http://www.cdc.gov/hiv/topics/surveillance/resources/reports/201608/>

Division of Disease Control and Health Protection

2

---

---

---

---

---

---

---

---

### Rankings of HIV Case Rates by State<sup>1</sup> Diagnosed in 2016, United States

Georgia	26.3
FLORIDA	24.6
	24.0
Nevada	18.3
	17.9
	16.1
South Carolina	15.3
	14.6
Mississippi	14.2
	13.9
US	12.3

Rate per 100,000 population

<sup>1</sup>Source: US data: HIV Surveillance Report, 2016 (most recent available) Vol. 28, Table 24 (HIV data for all 50 states)  
<http://www.cdc.gov/hiv/topics/surveillance/resources/reports/201608/>

Division of Disease Control and Health Protection

3

---

---

---

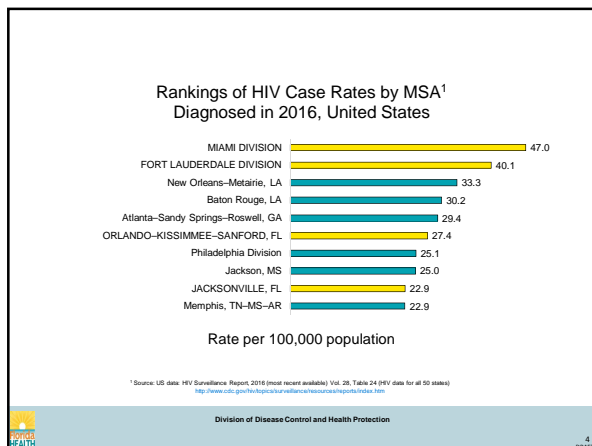
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

---

---

	2016	2017	Trend
<b>Total Population and PLWH Cases</b>			
Population	20,231,092	20,555,728	1.6% increase
Persons Living with an HIV diagnosis (PLWH)	115,266	116,944	1.5% increase
<b>Strategic Long Term Goals</b>			
Reduce the annual number of HIV diagnoses	4,805	4,949	3.0% increase
Increase the percent of PLWH Retained in Care	68.0%	68.3%	0.3% increase
Increase the percent of PLWH with a Suppressed Viral Load	60.5%	61.5%	1.1% increase
Reduce the annual number of babies born in Florida with perinatally acquired HIV to less than 5	8	8	N/A
<b>Additional Indicators</b>			
Reduce annual number of AIDS diagnoses	2,116	2,044	3.4% decrease
Reduced the annual number of HIV-related deaths	864	749	13.3% decrease

Division of Disease Control and Health Protection

---

---

---

---

---

---

---

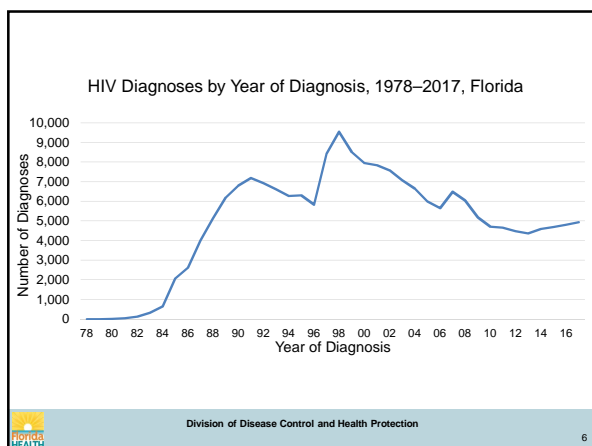
---

---

---

---

---




---

---

---

---

---

---

---

---

---


---

---

---

### Key events to note in the HIV/AIDS epidemic

- 1981 – First AIDS case report
- 1985 – First HIV antibody test in Florida
- 1989 – “Crack” cocaine epidemic increases syphilis and AIDS diagnoses
- 1991 – First Ryan White Planning Group established
- 1992 – The beginning of highly active antiretroviral therapy (HAART)
- 1993 – The Centers for Disease Control and Prevention (CDC) expands the case definition of AIDS
- 1994 – Food and Drug Administration approved OraSure saliva HIV test
- 1997 – Florida implemented physician and laboratory reporting of HIV by name on July 1
- 2006 – HIV reporting laws expanded in Florida
- 2007 – Expansion of electronic laboratory reporting (ELR)



Division of Disease Control and Health Protection

7

---

---

---

---

---

---

---

---

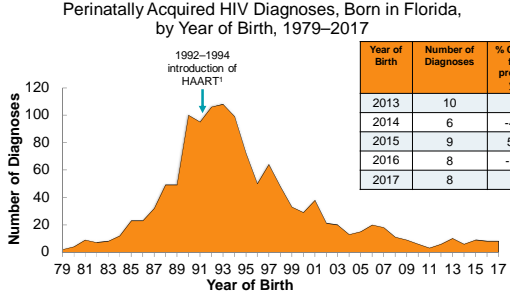
---

---

---


---

### Perinately Acquired HIV Diagnoses, Born in Florida, by Year of Birth, 1979–2017



Year of Birth	Number of Diagnoses	% Change from previous year
2013	10	
2014	6	-40%
2015	9	50%
2016	8	-11%
2017	8	0%

\*Highly active antiretroviral therapy (HAART) is an HIV treatment that suppresses viral load and reduces HIV transmission



Division of Disease Control and Health Protection

8

---

---

---

---

---

---

---

---

---

---


---

---

### Adult (Age 13+) HIV Diagnoses with STD<sup>1</sup> by Type and Year of STD Report,<sup>2</sup> 2013–2017, Florida

Year of STD Report	HIV/Early Syphilis	HIV/Chlamydia	HIV/Gonorrhea
2013	1,499	1,225	1,194
2014	1,830	1,401	1,325
2015	2,198	1,554	1,734
2016	2,402	1,828	2,013
2017	2,425	2,201	2,387

\*Sexually transmitted disease (STD) <sup>1</sup>Source: PRISM, STD Section as of 6/30/2018



Division of Disease Control and Health Protection

9

---

---

---

---

---

---

---

---

---


---

---

---

### One-In-Statements for Adults (Age 13+) Living with HIV in Florida, Year-end 2017

- ✂ One in 151 adults in Florida were known to be living with HIV
- ✂ One in 295 Whites were living with HIV
- ✂ One in 49 Blacks were living with HIV
- ✂ One in 155 Hispanics were living with HIV



Division of Disease Control and Health Protection

10

---

---

---

---

---

---

---

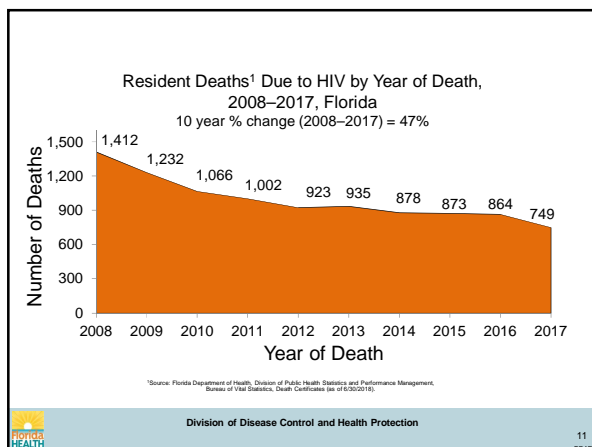
---

---

---

---

---




---

---

---

---

---

---

---

---

---


---

---

---

### HIV Care Continuum Definitions

- ✂ **HIV Diagnosed:** The number of persons known to be diagnosed and living in Florida with HIV (PLWH) at the end of 2016, from data as of 6/30/2017
- ✂ **Ever in Care:** PLWH with at least one documented Viral Load (VL) or CD4 lab, medical visit, or prescription from HIV diagnosis through 3/31/2017
- ✂ **Currently in Care:** PLWH with at least one documented VL or CD4 lab, medical visit, or prescription from 1/1/2016 through 3/31/2017
- ✂ **Retained in Care:** PLWH with two or more documented VL or CD4 labs, medical visits, or prescriptions at least three months apart from 1/1/2016 through 6/30/2017
- ✂ **Suppressed Viral Load:** PLWH with a suppressed VL (<200 copies/mL) on the last VL from 1/1/2016 through 3/31/2017



Division of Disease Control and Health Protection

12

---

---

---

---

---

---

---

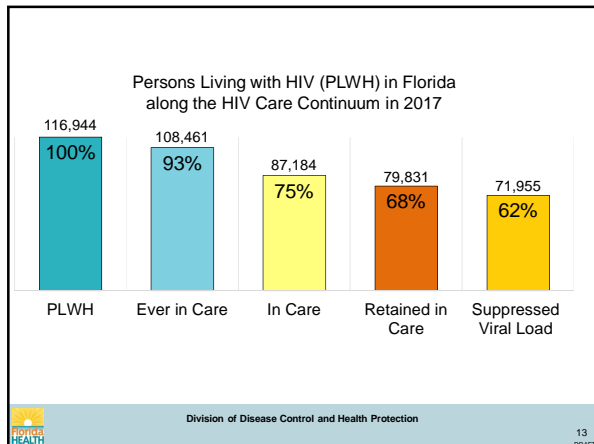
---

---

---

---

---



---

---

---

---

---

---

---

---

Revision: 10/16/18

# HIV Epidemiology in Area 3

Alachua, Bradford, Columbia, Dixie, Gilchrist, Hamilton, Lafayette, Levy, Putnam, Suwannee and Union Counties  
(Excluding Department of Corrections)

Presented By:  
Florida Department of Health  
HIV/AIDS Section  
Data as of 6/30/2018

Division of Disease Control and Health Protection  
To protect, promote and improve the health of all people in Florida through integrated state, county, and community efforts.

14

---

---

---

---

---

---

---

---

### Technical Notes

- ✘ HIV diagnoses by year of diagnosis represent persons whose HIV was diagnosed in that year, regardless of AIDS status at time of diagnosis.
- ✘ AIDS and HIV diagnoses by year of diagnosis are not mutually exclusive and cannot be added together.
- ✘ HIV prevalence data represent persons who were living with an HIV diagnosis in the reporting area through the end of the calendar year (regardless of where they were diagnosed).
- ✘ Resident deaths due to HIV represent persons who resided in Florida and whose underlying cause of death was HIV, regardless if their HIV status was reported in Florida or not.

Division of Disease Control and Health Protection

15

---

---

---

---

---


---

---

---

### Technical Notes, Continued

- ✂ Adult diagnoses represent ages 13 and older; pediatric diagnoses are those under the age of 13.
  - ✂ For data by year of diagnosis, the age is by age at diagnosis.
  - ✂ For living data, the age is by current age at the end of the most recent calendar year, regardless of age at diagnosis
- ✂ Unless otherwise noted, Whites are non-Hispanic, Blacks are non-Hispanic and Other (which may be omitted in some graphs due to small numbers) represents Asian, American Indian, or mixed races
- ✂ For data by year, area and county data will exclude Department of Corrections diagnoses. For living data, Department of Corrections will **not** be excluded from area and county data.


Division of Disease Control and Health Protection
16

---

---

---

---

---

---

---


---

---

---

### Definitions of Mode of Exposure Categories

- ✂ **MSM:** Men who have sex with men or male-to-male sexual contact. The term MSM indicates a behavior that allows for HIV transmission, it does not indicate how individuals self-identify in terms of sexuality or gender
- ✂ **IDU:** Injection drug use
- ✂ **MSM/IDU:** Men who have sex with men or male-to-male sexual contact & injection drug use
- ✂ **Heterosexual:** Heterosexual contact with person with HIV or known HIV risk
- ✂ **Other Risk:** includes hemophilia, transfusion, perinatal and other pediatric risks and other confirmed risks


Division of Disease Control and Health Protection
17

---

---

---

---

---

---

---


---

---

---

### The Epidemic in Area 3

	2016	2017	Trend
Population	584,471	588,142	0.6% increase
Diagnosed HIV cases	68	92	35.3% increase
Diagnosed AIDS cases	52	51	1.9% decrease
Perinatal HIV cases	0	1	
People diagnosed living with HIV (Prevalence)	2,517	2,582	2.6% increase
HIV-related deaths	31	18	41.9% decrease


Division of Disease Control and Health Protection
18

---

---

---

---

---


---

---

---

---

---



Cases by  
Year of Diagnosis

Division of Disease Control and Health Protection

19

---

---

---

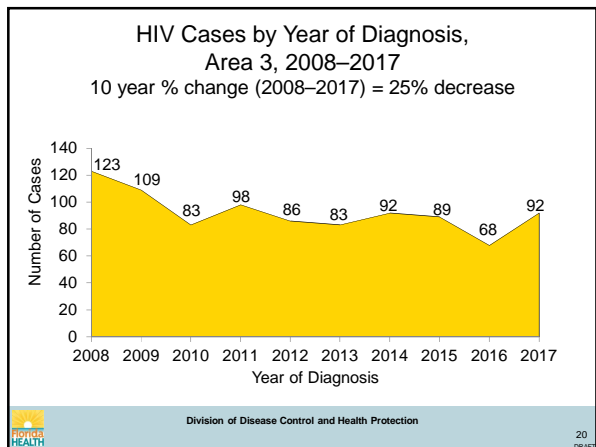
---

---

---

---

---



---

---

---

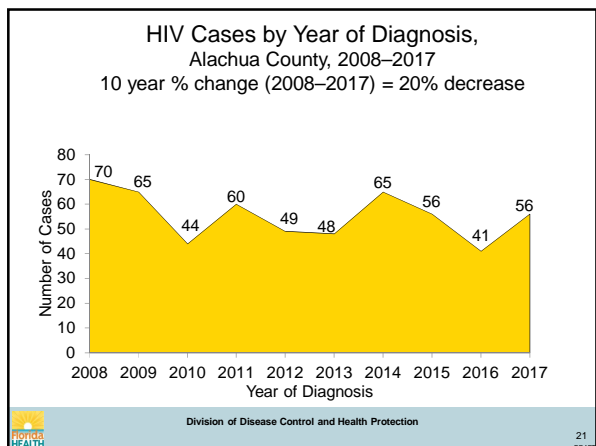
---

---

---

---

---



---

---

---

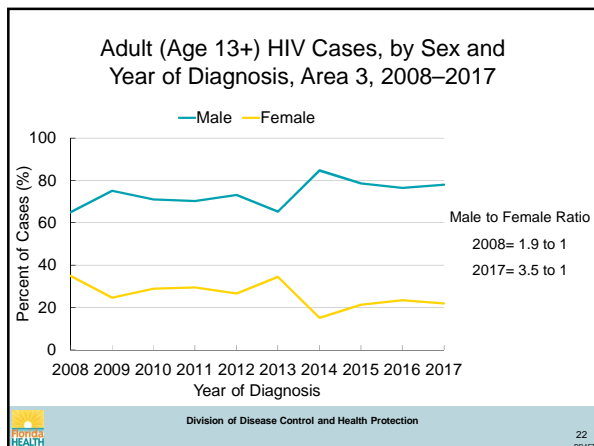
---

---

---

---

---




---

---

---

---

---

---

---

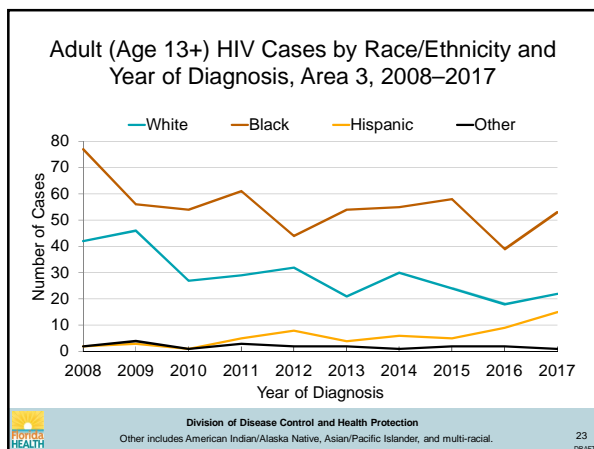
---

---

---

---

---




---

---

---

---

---

---

---

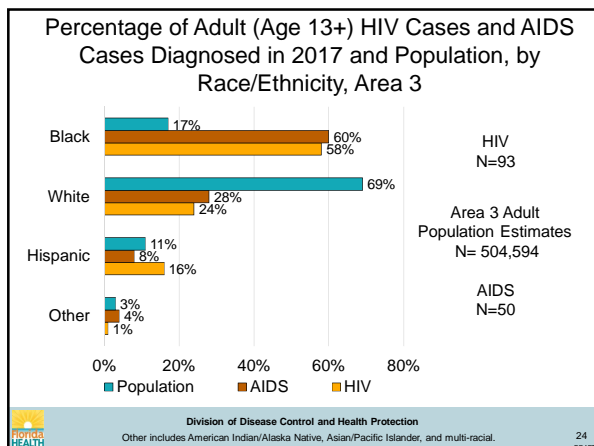
---

---

---

---

---




---

---

---

---

---

---

---

---

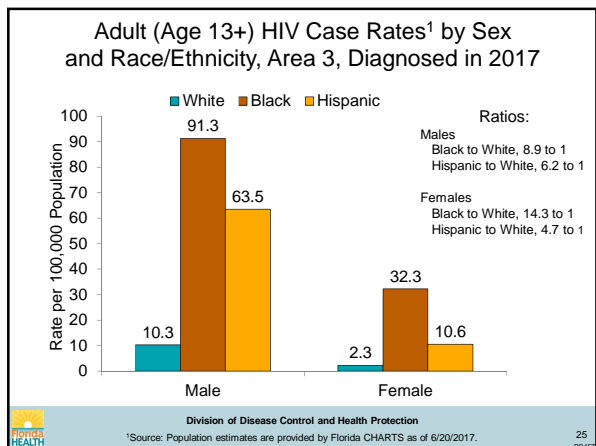
---

---

---

---






---

---

---

---

---

---

---

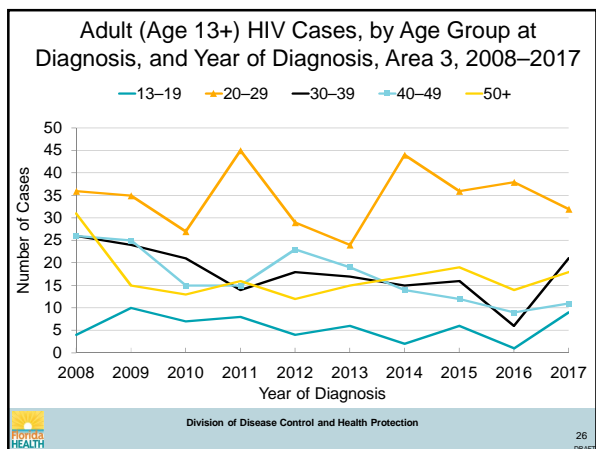
---

---

---

---

---




---

---

---

---

---

---

---

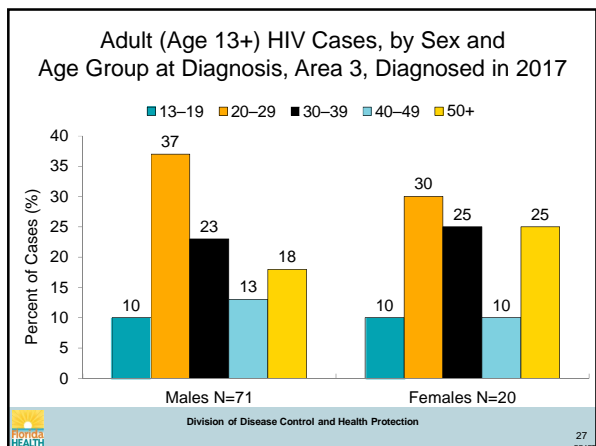
---

---

---

---

---




---

---

---

---

---

---

---

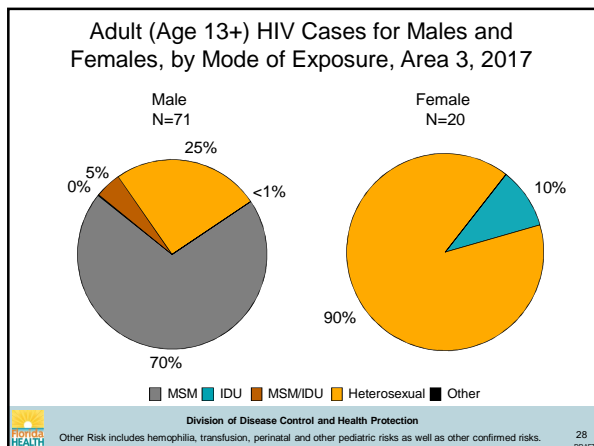
---

---

---

---

---




---

---

---

---

---

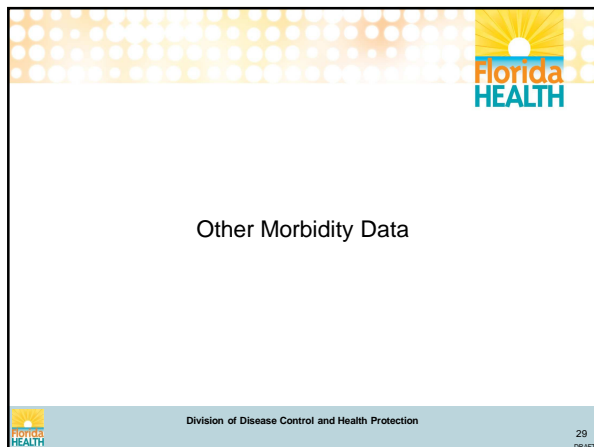
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

### Adult (Age 13+) HIV Diagnoses with STD<sup>1</sup> by Type and Year of STD Report<sup>2</sup>, 2013–2017, Area 3, Florida

Years of STD Report	Syphilis	Chlamydia	Gonorrhea
2013	8	28	16
2014	13	13	25
2015	21	24	20
2016	28	23	28
2017	20	26	30

Division of Disease Control and Health Protection

---

---

---

---

---

---

---


---

---

---

Adult (Age 13+) AIDS Diagnoses with TB<sup>1</sup>  
by Year of TB Report<sup>2</sup>, 2013–2017, Area 3

Years of TB Report	TB/HIV
2013	4
2014	2
2015	2
2016	0
2017	0


 Division of Disease Control and Health Protection  
Tuberculosis (TB)  
<sup>2</sup>Source: eHRIS as of 6/30/2017
31

---

---

---

---

---

---

---


---

---


---

---

---



Cases Living with HIV


 Division of Disease Control and Health Protection 32

---

---

---

---

---

---

---

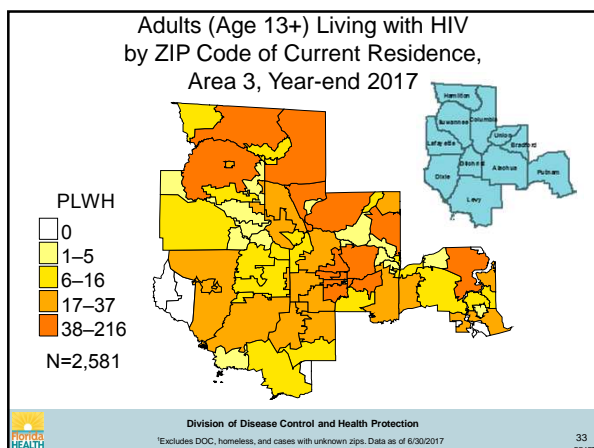
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

---

---

### One-In-Statements for Adults (Age 13+) Living with HIV in Area 3, Year-end 2017

- 🚫 One in 196 adults in Area 3 were known to be living with HIV
- 🚫 One in 423 Whites were living with HIV
- 🚫 One in 56 Blacks were living with HIV
- 🚫 One in 234 Hispanics were living with HIV

Division of Disease Control and Health Protection 34

---

---

---

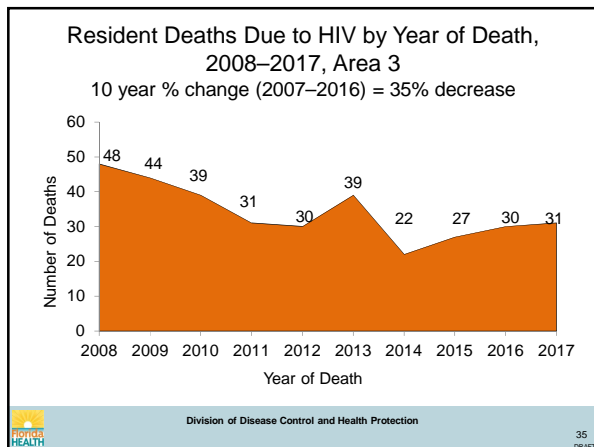
---

---

---

---

---




---

---

---

---

---

---

---

---

### HIV Care Continuum Definitions

- 🚫 **HIV Diagnosed:** The number of persons known to be diagnosed and living in Florida with HIV (PLWH) at the end of 2016, from data as of 6/30/2017
- 🚫 **Ever in Care:** PLWH with at least one documented Viral Load (VL) or CD4 lab, medical visit, or prescription from HIV diagnosis through 3/31/2017
- 🚫 **Currently in Care:** PLWH with at least one documented VL or CD4 lab, medical visit, or prescription from 1/1/2016 through 3/31/2017
- 🚫 **Retained in Care:** PLWH with two or more documented VL or CD4 labs, medical visits, or prescriptions at least three months apart from 1/1/2016 through 6/30/2017
- 🚫 **Suppressed Viral Load:** PLWH with a suppressed VL (<200 copies/mL) on the last VL from 1/1/2016 through 3/31/2017

Division of Disease Control and Health Protection 36

---

---

---

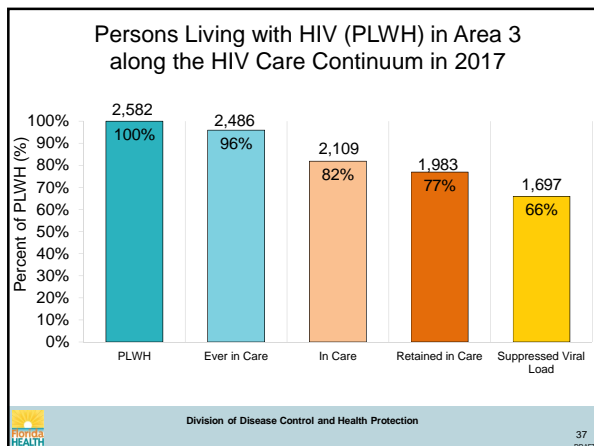
---

---

---

---

---




---

---

---

---

---

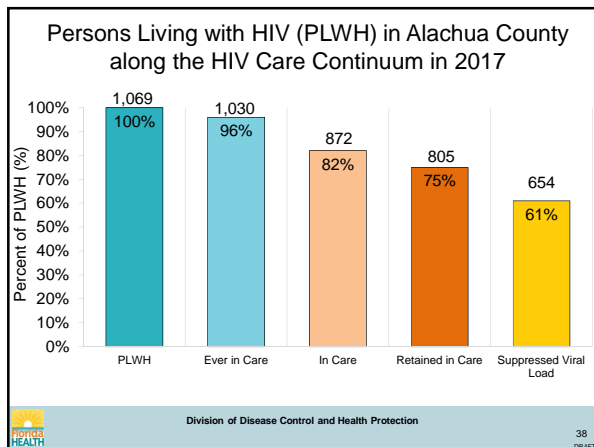
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

Revision: 10/16/18

# HIV Epidemiology Area 13

Citrus, Lake, Marion and Sumter Counties  
(Excluding Department of Corrections)

Presented By:  
Florida Department of Health  
HIV/AIDS Section  
Data as of 6/30/2018

Division of Disease Control and Health Protection  
To protect, promote and improve the health of all people in Florida through integrated state, county, and community efforts.

39

---

---

---

---

---

---

---

---

---

---

**The Epidemic in Area 13**

	2016	2017	Trend
Population	935,734	954,515	2.0% increase
Diagnosed HIV cases	87	104	19.5% increase
Diagnosed AIDS cases	44	50	13.6% increase
Pediatric AIDS cases diagnosed	0	0	
Perinatal HIV cases	1	0	
People diagnosed living with HIV (Prevalence)	2,600	2,601	0.0% increase
HIV-related deaths	20	29	45.0% increase

Division of Disease Control and Health Protection 40

---

---

---

---

---

---

---

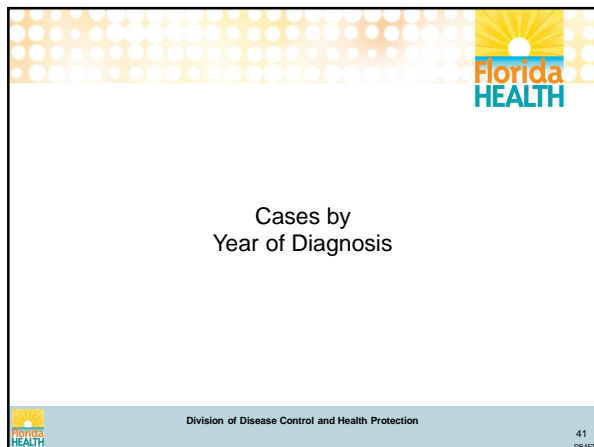
---

---

---

---

---




---

---

---

---

---

---

---

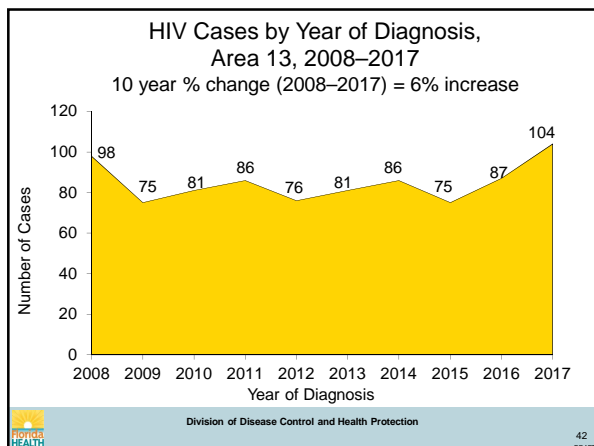
---

---

---

---

---




---

---

---

---

---

---

---

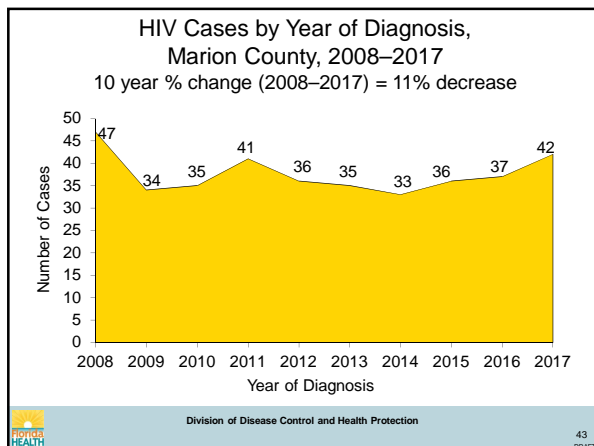
---

---

---

---

---




---

---

---

---

---

---

---

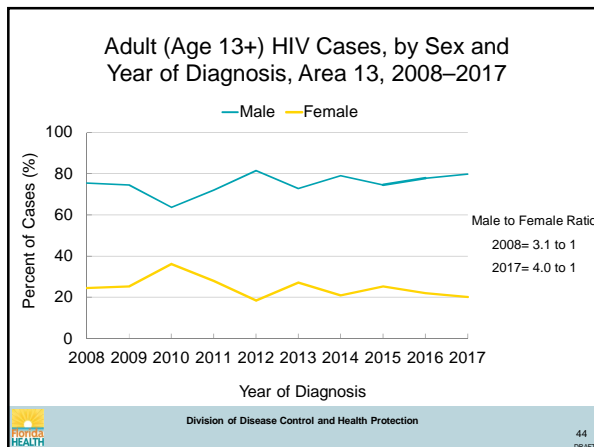
---

---

---

---

---




---

---

---

---

---

---

---

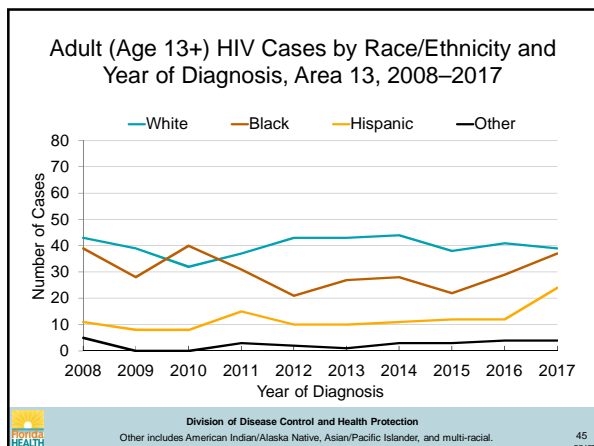
---

---

---

---

---




---

---

---

---

---

---

---

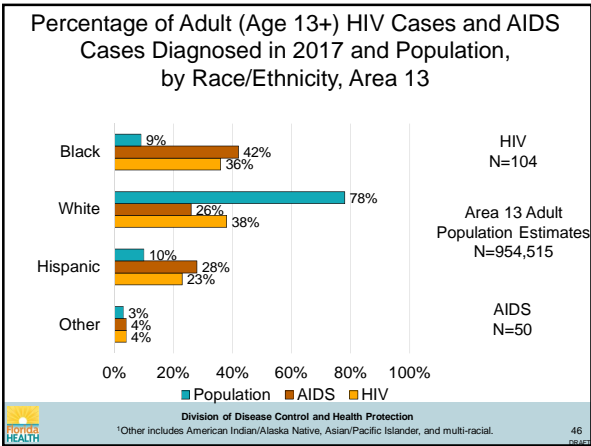
---

---

---

---

---




---

---

---

---

---

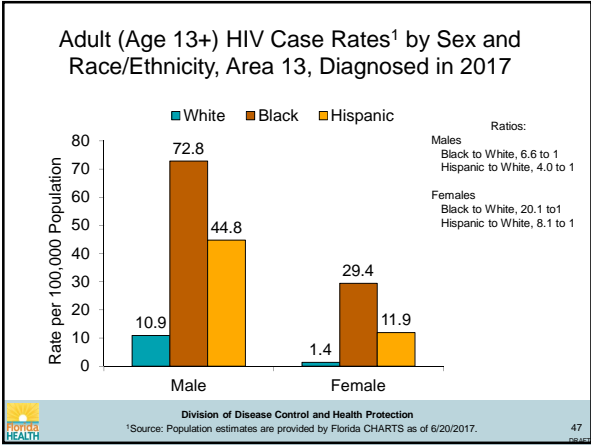
---

---

---

---

---




---

---

---

---

---

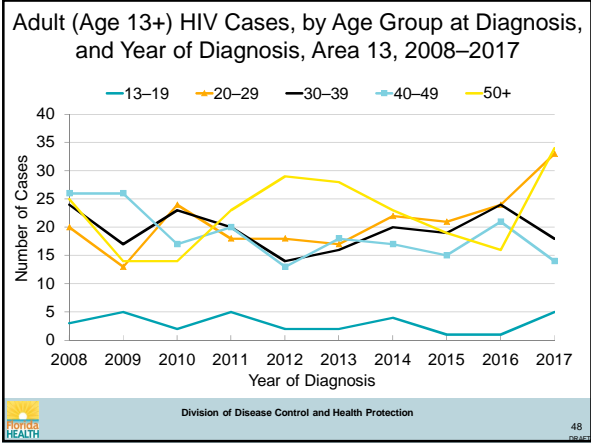
---

---

---

---

---




---

---

---

---

---

---

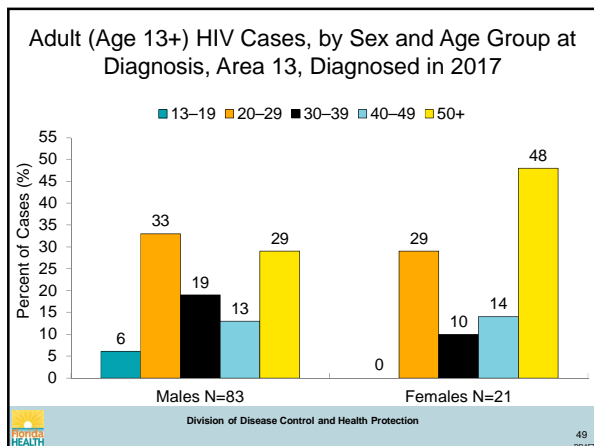
---

---

---

---






---

---

---

---

---

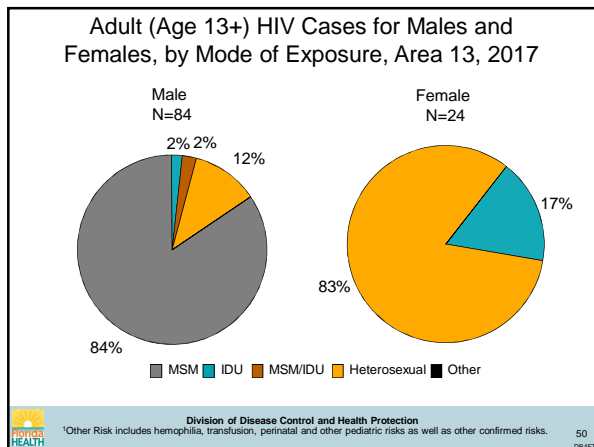
---

---

---

---

---




---

---

---

---

---

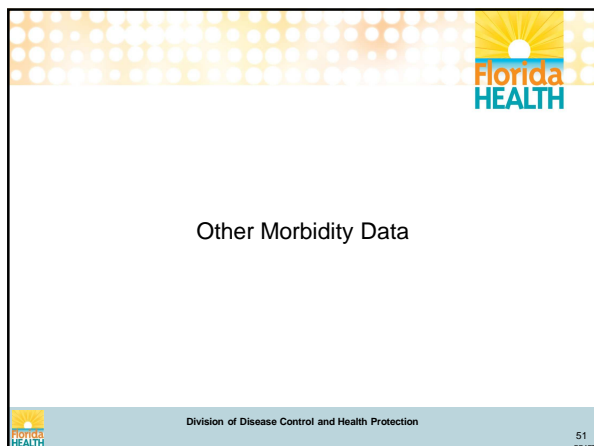
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

Adult (Age 13+) HIV Diagnoses with STD<sup>1</sup> by Type and Year of STD Report<sup>2</sup>, 2013–2017, Area 13, Florida

Years of STD Report	Syphilis	Chlamydia	Gonorrhea
2013	15	11	11
2014	22	14	17
2015	20	23	13
2016	25	28	21
2017	26	24	21



Division of Disease Control and Health Protection

52

---

---

---

---

---

---

---

---

Adult (Age 13+) AIDS Diagnoses with TB<sup>1</sup> by Year of TB Report<sup>2</sup>, 2013–2017, Area 13

Years of TB Report	TB/HIV
2013	2
2014	0
2015	1
2016	1
2017	0



Division of Disease Control and Health Protection

53

---

---

---

---

---

---

---

---



Cases Living with HIV



Division of Disease Control and Health Protection

54

---

---

---

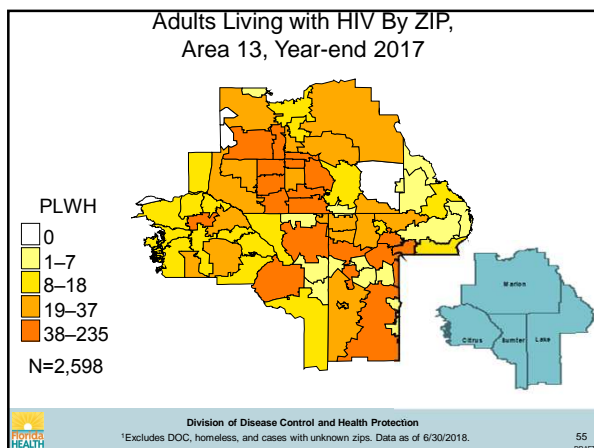
---

---

---

---

---




---

---

---

---

---

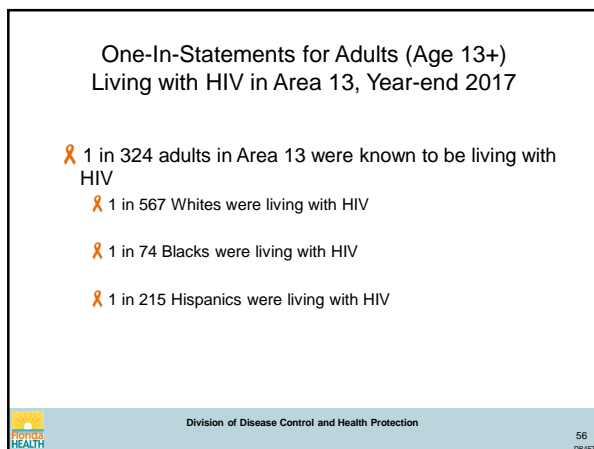
---

---

---

---

---




---

---

---

---

---

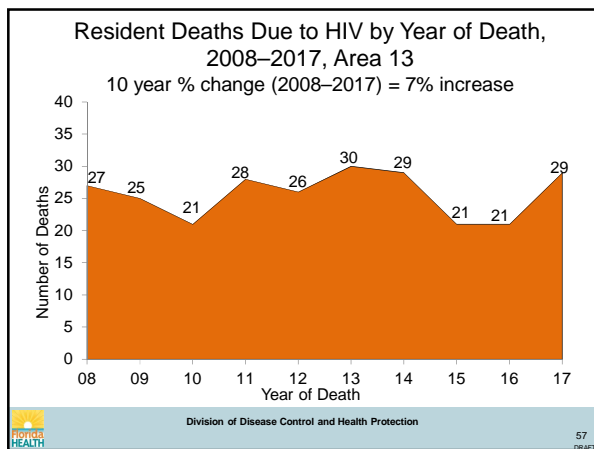
---

---

---

---

---




---

---

---

---

---

---

---


---

---

---

### HIV Care Continuum Definitions

- ✂ **HIV Diagnosed:** The number of persons known to be diagnosed and living in Florida with HIV (PLWH) at the end of 2016, from data as of 6/30/2017
- ✂ **Ever in Care:** PLWH with at least one documented Viral Load (VL) or CD4 lab, medical visit, or prescription from HIV diagnosis through 3/31/2017
- ✂ **Currently in Care:** PLWH with at least one documented VL or CD4 lab, medical visit, or prescription from 1/1/2016 through 3/31/2017
- ✂ **Retained in Care:** PLWH with two or more documented VL or CD4 labs, medical visits, or prescriptions at least three months apart from 1/1/2016 through 6/30/2017
- ✂ **Suppressed Viral Load:** PLWH with a suppressed VL (<200 copies/mL) on the last VL from 1/1/2016 through 3/31/2017



Division of Disease Control and Health Protection

58

---

---

---

---

---

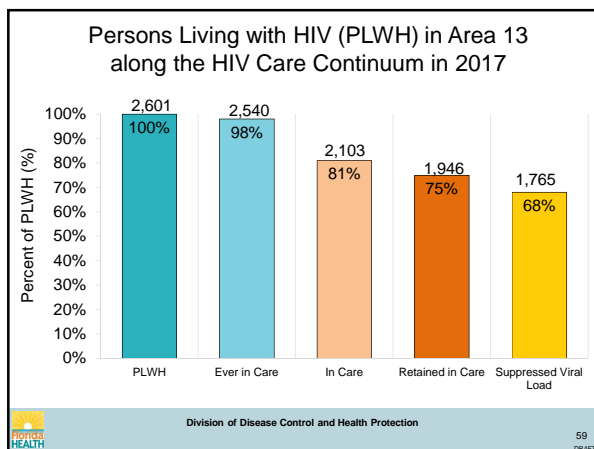
---

---

---

---

---




---

---

---

---

---

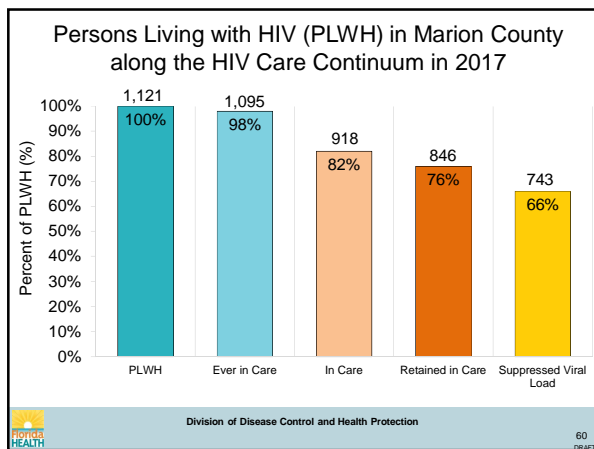
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

### Florida's Plan to Eliminate HIV Transmission and Reduce HIV-related Deaths

- ✘ Implement routine HIV and Sexually Transmitted Infections (STIs) screening in health care settings and priority testing in non-health care settings
- ✘ Provide rapid access to treatment and ensure retention in care (Test and Treat)
- ✘ Improve and promote access to antiretroviral pre-exposure prophylaxis (PrEP) and non-occupational post-exposure prophylaxis (nPEP)
- ✘ Increase HIV awareness and community response through outreach, engagement, and messaging

Division of Disease Control and Health Protection
61

---

---

---

---

---

---

---

---

#### HIV Testing

All adolescents and adults (ages 13–64) should be tested for HIV at least once during their lifetime. Persons at increased risk for HIV should be tested annually. Per Florida law, all pregnant women are to be tested for HIV and other sexually transmitted infections (STI) at their initial prenatal care visit, again at 28–32 weeks and at labor and delivery if HIV status is unknown.

[www.knowyourhivstatus.com](http://www.knowyourhivstatus.com)

#### Pre-Exposure Prophylaxis (PrEP)

For persons at increased risk for HIV, a pill (Truvada) once daily, can reduce the risk of acquiring HIV by over 90%. Condoms are still recommended during sex to prevent other STDs, which are increasing in Florida, and which can increase HIV risk.

[www.preplocator.org](http://www.preplocator.org)

#### Antiretroviral Therapy (ART)

For persons newly diagnosed with HIV, starting ART with a provider immediately after diagnosis improves health outcomes by preventing disease progression and reducing viral load, making transmission highly unlikely.

To find a care provider or to learn more about the resources available to persons living with HIV visit: [www.floridaaids.org](http://www.floridaaids.org)

#### Florida HIV/AIDS Hotline

1-800-FLA-AIDS (352-2437) English  
 1-800-545-SIDA (545-7432) Spanish  
 1-800-AIDS-101 (243-7101) Haitian Creole  
 1-800-503-7118 Hearing/Speech Impaired  
[www.211bigbend.org/flhivaids hotline](http://www.211bigbend.org/flhivaids hotline)  
 Text 'FLHIV' or 'flhiv' to 898211  
 For more information contact:  
[DiseaseControl@flhealth.gov](mailto:DiseaseControl@flhealth.gov)

Division of Disease Control and Health Protection
62

---

---

---

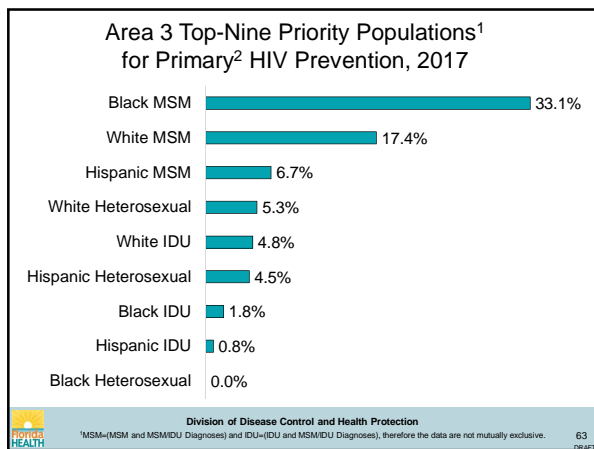
---

---

---

---

---




---

---

---

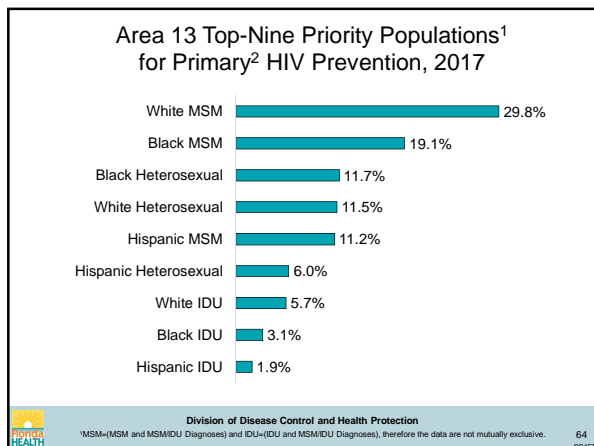
---

---

---

---

---



---

---

---

---

---

---

---

---

---

---

### Some Useful Links

Department of Health, HIV Section Website  
<http://www.floridahealth.gov/diseases-and-conditions/aids/surveillance/index.html>

CDC HIV Surveillance Reports (State and Metro Data):  
<http://www.cdc.gov/hiv/stats/haslink.htm>

MMWR (Special Articles on Diseases, Including HIV):  
<http://www.cdc.gov/mmwr/>

US Census Data (Available by State, County):  
<http://www.census.gov>

Division of Disease Control and Health Protection 65

---

---

---

---

---

---

---

---

---

---

### Area 3 Surveillance Contacts: Department of Health in Alachua County

Richard Willis, Field Surveillance Staff  
Phone: 352-334-7968  
Email: [Richard.Willis@flhealth.gov](mailto:Richard.Willis@flhealth.gov)

Gay Koehler-Sides, HIV Program Coordinator  
Phone: 352-334-7965  
Email: [Gay.Koehler-Sides@flhealth.gov](mailto:Gay.Koehler-Sides@flhealth.gov)

Division of Disease Control and Health Protection 66

---

---

---

---

---

---

---

---

---

---