Florida’s HIV Testing Efforts

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Bureau of Communicable Diseases
HIV/AIDS Section

Florida Comprehensive Planning Network Meeting
Tampa, FL
November 8, 2018
HIV Testing Overview

- Centers for Disease Control and Prevention (CDC) HIV Prevention Grant for Health Departments
  - Funding Period: January 1, 2012–December 31, 2017
  - Final year (2017) award: $34.7 million
- HIV testing in health care and non-health care settings
- HIV testing in all 67 county health departments (CHDs)
- Over 1,400 registered HIV test sites
Total HIV Tests Conducted under CDC HIV Prevention Grant, Florida, January 2012–December 2017

<table>
<thead>
<tr>
<th>HIV Prevention Grant (CDC-PS-12-1201)</th>
<th>Total Tests</th>
<th>All Positives (% seropositivity)</th>
<th>New Positives (% seropositivity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Tests (Health Care and Non-Health Care Settings)</td>
<td>2,271,540</td>
<td>22,272 (0.98%)</td>
<td>8,796 (0.38%)</td>
</tr>
<tr>
<td>Health Care Settings Only</td>
<td>1,375,074</td>
<td>11,257 (0.81%)</td>
<td>4,201 (0.31%)</td>
</tr>
<tr>
<td>Non-Health Care Settings Only</td>
<td>896,466</td>
<td>9,399 (1.05%)</td>
<td>4,595 (0.51%)</td>
</tr>
</tbody>
</table>
HIV Tests Conducted and Positivity Rates, Florida, January 2012–December 2017

<table>
<thead>
<tr>
<th>Year</th>
<th># Tests</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>408,119</td>
<td>1.0%</td>
</tr>
<tr>
<td>2013</td>
<td>428,293</td>
<td>1.0%</td>
</tr>
<tr>
<td>2014</td>
<td>413,063</td>
<td>1.0%</td>
</tr>
<tr>
<td>2015</td>
<td>379,747</td>
<td>0.9%</td>
</tr>
<tr>
<td>2016</td>
<td>367,811</td>
<td>0.9%</td>
</tr>
<tr>
<td>2017</td>
<td>340,495</td>
<td>0.9%</td>
</tr>
</tbody>
</table>
HIV Seropositivity by Sex and Race/Ethnicity, Florida, 2002–2017

- White Male
- Black Male
- Hispanic Male
- White Female
- Black Female
- Hispanic Female

% Positive

HIV Tests Conducted in Health Care Settings by Race/Ethnicity, Florida, January 2012–December 2017
(N=1,375,074)

- Black/African American: 43%
- Hispanic: 27%
- White: 25%
- Asian: 4%
- Native Hawaiian/Pacific Isle: 1%
- American Indian/Alaska Native: 0.2%
- Multiracial/Other: 0.1%
HIV Tests Conducted in Health Care Settings by Site Type, Florida, January 2012–December 2017
(N=1,375,074)

- Community Health Centers: 27%
- Correctional Facility Clinics: 0.3%
- Emergency Departments: 7%
- Inpatient Hospitals: 25%
- Other Clinical Settings: 8%
- Pharmacy-based Clinics: 8%
- STD Clinics: 0.005%
- Primary Care Clinics (Other than CHCs): 16%
- Substance Abuse Treatment Facilities: 2%
- TB Clinics: 7%
Newly Diagnosed HIV-Positive Tests in Health Care Settings by Site Type, Florida, January 2012–December 2017 (N=4,201)

- Community Health Centers: 35%
- Correctional Facility Clinics: 6%
- Emergency Departments: 7%
- Inpatient Hospitals: 22%
- Other Clinical Settings: 14%
- Primary Care Clinics (Other than CHCs): 9%
- STD Clinics: 5%
- Substance Abuse Treatment Facilities: 2%
- TB Clinics: 0.1%
Newly Diagnosed HIV-Positive Tests by Race/Ethnicity, Non-Health Care Settings, Florida, January 2012–December 2017 (N=4,595)

- 46% Black/African American
- 28% Hispanic
- 22% White
- 1% American Indian or Alaska Native
- 0.3% Asian
- 0.2% Native Hawaiian or Pacific Isle
- 3% Multiracial/Other

Division of Disease Control and Health Protection
Total HIV Tests among Florida Counties Performing Greater than 10,000 per Year, January 2012–December 2017

Division of Disease Control and Health Protection
HIV Testing Data, 2017
Total HIV Tests and HIV-Positive Tests by Sex, Florida, 2017

Total HIV Tests (N=340,520)
- Female: 51%
- Male: 48%
- Transgender: 0.3%
- Missing Data: 1%

Total HIV-Positive Tests (N=2,929)
- Male: 79%
- Female: 19%
- Transgender: 1%
- Missing Data: 1%
Total HIV Positive Tests by Race/Ethnicity, Florida, 2017 (N=2,929)

- Amer Indian/Alaskan: 0.03%
- Asian: 19%
- Black: 46%
- Hispanic: 31%
- Missing/Refused: 2%
- Multiracial: 0.3%
- Native Hawaiian/Pac Isle: 1%
- White: 1%
Total HIV Tests and HIV-Positive Tests by Age Group, Florida, 2017

Total HIV Tests (N=340,520)
- <13: 4%
- 13-19: 15%
- 20-29: 13%
- 30-39: 37%
- 40-49: 24%
- 50+: 7%

Total HIV-Positive Tests (N=2,929)
- <13: 3%
- 13-19: 0%
- 20-29: 21%
- 30-39: 18%
- 40-49: 31%
- 50+: 27%
HIV Seropositivity Rates by Self-Reported Risk Behaviors, Florida, 2017

- Sex for Drugs: 2.3%
- STD Diagnosis: 0.5%
- Sex with Other: 0.2%
- Sex with IDU: 0.6%
- Sex with HIV: 5.6%
- IDU: 0.6%
- MSM: 3.4%
- Refused to discuss risk: 1.7%
- Missing Data: 1.1%
- No Identifiable Risk: 0.5%
- Heterosexual: 0.3%
- MSM/IDU: 7.3%
HIV Seropositivity among Females by Age Group and Race/Ethnicity, Florida, 2017

<table>
<thead>
<tr>
<th>Age Group</th>
<th>White</th>
<th>Black</th>
<th>Hispanic</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;13</td>
<td>0.0%</td>
<td>0.0%</td>
<td>0.0%</td>
</tr>
<tr>
<td>13-19</td>
<td>0.4%</td>
<td>0.2%</td>
<td>0.0%</td>
</tr>
<tr>
<td>20-29</td>
<td>0.5%</td>
<td>0.2%</td>
<td>0.0%</td>
</tr>
<tr>
<td>30-39</td>
<td>0.4%</td>
<td>0.5%</td>
<td>0.2%</td>
</tr>
<tr>
<td>40-49</td>
<td>0.8%</td>
<td>0.7%</td>
<td>0.3%</td>
</tr>
<tr>
<td>50+</td>
<td>1.1%</td>
<td>0.5%</td>
<td>0.5%</td>
</tr>
</tbody>
</table>

Division of Disease Control and Health Protection
HIV Seropositivity among Males by Age Group and Race/Ethnicity, Florida, 2017

- **White**
  - <13: 0.0%
  - 13-19: 0.6%
  - 20-29: 1.3%
  - 30-39: 1.1%
  - 40-49: 1.5%
  - 50+: 1.3%

- **Black**
  - <13: 0.0%
  - 13-19: 0.2%
  - 20-29: 0.7%
  - 30-39: 1.2%
  - 40-49: 1.4%
  - 50+: 1.5%

- **Hispanic**
  - <13: 0.0%
  - 13-19: 0.6%
  - 20-29: 1.6%
  - 30-39: 2.5%
  - 40-49: 2.8%
  - 50+: 2.3%

- White Male: 0.5%
- White Fem: 0.2%
- Black Male: 0.8%
- Black Fem: 0.3%
- Hisp Male: 1.1%
- Hisp Fem: 0.1%
HIV Test by Test Type and Positivity Rates, Florida, 2017

(N=340,520)

- 72% positivity
- 0.80% positivity
- 0.90% positivity
- 1.20% positivity

Rapid
Blood
Oral
Public/Private Partnerships

• Gilead FOCUS Project
• In 2017:
  – Over 67,000 HIV tests (1.6 percent positivity) and
  – Over 66,000 hepatitis C (HCV) tests (4.3 percent positivity)
  – Eleven partners with 24 locations
  – Six new partners in development
Current FOCUS Partners

1. Borinquen Medical Centers of Miami (4 locations)
2. Care Resource (3 locations in Miami, 1 location in Ft. Lauderdale)
3. Homestead Hospital (South Miami-Dade County)
4. Tampa General Hospital and Brandon HealthPlex (Tampa – 2 locations)
5. Metro Health, Wellness and Community (Tampa, St. Pete, New Port Richey and Clearwater)
6. Genesis Community Health (2 locations in Palm Beach)
7. Jackson Memorial Hospital and Jackson South (Miami 2 locations)
8. FoundCare (West Palm Beach – 2 locations)
9. PanCare (Panama City)
10. Memorial Health System (Broward County)
11. University of Miami’s IDEA Exchange (Miami-Dade County)
Program Highlights

• Increased provider awareness and education on:
  – Routine, opt-out HIV screening
  – Integrated screening
  – Opt-out HIV/STD screening for pregnant women
  – Screening for pre-exposure prophylaxis (PrEP)

• Revised Florida’s HIV testing statute in health care settings (i.e., opt out)

• Development of resources for routine HIV screening

• Revisions to DOH Rapid HIV Test Site Guidelines
Program Highlights, continued

• In 2017:
  – Added 31 new publicly-funded HIV testing sites
  – Central Office conducted 51 rapid HIV testing trainings and certified 701 new HIV counselors
  – Over 70 contracts with community-based and health care organizations included HIV testing (approximately $11 million)
• Revisions to DH1628 data collection form for PrEP
• Electronic HIV test resulting pilot project
Future Projects

- INSTI rapid HIV test pilot
- In-Home rapid HIV test pilot
- Increase routine HIV screening in CHD STD and Family Planning clinics
- Increase integrated screening (STDs and HCV)
- Improve automation of HIV testing data collection
- Analysis of HIV test data from private labs
Florida’s PrEP and nPEP Initiatives

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Florida Department of Health (DOH)
Bureau of Communicable Diseases
HIV/AIDS Section

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

• Implement routine HIV and Sexually Transmitted Infections (STI) 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
PrEP and nPEP Implementation in CHDs

- Integration of PrEP services in all 67 county health department (CHD) STD and Family Planning clinics by December 2018

- Technical assistance to CHDs for nPEP service delivery
  - Expedited nPEP delivery challenged by CHD hours of operation
  - Collaborative nPEP delivery models
PrEP and nPEP Implementation in CHDs, continued

• CHDs can provide either a 30, 60, or 90-day supply of Truvada® for PrEP (at no charge to client)

• PrEP protocols and clinic guidance developed by HIV/AIDS Section Medical Unit

• Majority of CHDs working towards same-day PrEP initiation
PrEP and nPEP Implementation in CHDs, continued

• As of September 30, 2018, 41 of 67 (61%) CHDs are providing PrEP services
  – Over 1,800 PrEP clients have been served to-date*
• An additional 19 of 67 (28%) CHDs report making nPEP available
  – Over 100 nPEP clients have been served to-date*

* Cumulative number of clients enrolled in PrEP at the CHDs. DOH-Okaloosa began providing PrEP services in 2015; and DOH-Miami-Dade began providing PrEP services in 2016. DOH Health Management System (HMS) PrEP and nPEP codes were initiated in July 2017.
CHDs Participating in PrEP (as of 9/30/2018)

(N=41)

Counties Participating in PrEP
- Yes
- No
- Unknown
PrEP Implementation Activities Timeline

- DOH 4-Key Component Plan developed; PrEP Consultation conducted (June)
- Creation of additional PrEP navigator positions within CHDs
- PrEP/nPEP Provider Toolkits and guidelines created
- PrEP/nPEP modules added to HIV 500/501
- 1st CHD PrEP Survey (July)
- State Surgeon General’s initiative for statewide PrEP availability in all CHDs
- 1st PrEP Institute held
- 2nd PrEP Institute (May)
- PrEP/nPEP questions added to HIV testing form
- PrEP/nPEP Provider Directory developed
- PrEP/nPEP HMS service codes
- PrEP meds purchased
- 2nd CHD PrEP Survey (February)

- HIV/STD Workshop conducted with DIS (November)
- 2015
- 2016
- 2017
- 2018

Division of Disease Control and Health Protection
PrEP/nPEP within Community-Based Organizations

• Total of 38 community-based high-impact prevention (HIP) providers funded
  – From January 1–September 30, 2018, 21 of the 38 (55%) providers reported 1,896 PrEP referrals and 387 clients receiving PrEP
  – During this same period, 10 of the 38 (26%) providers reported 107 nPEP referrals and 87 clients receiving nPEP
Florida PrEP Institutes

- Collaboration with CDC Capacity Building Provider Network (CPN); San Francisco Department of Public Health
- Three-day interactive agenda
- Four regional PrEP Institutes conducted in 2018, with a total of 67 CHDs and over 170 attendees
PrEP Capacity Building Trainings, 2018

• PrEP in Communities of Color training by AIDS Project Los Angeles (APLA)
  – Orlando, April 30–May 1
• PrEP Navigation trainings by National Community Health Partners (NCHP)
  – Tampa, July 25
  – Miami, July 27
  – Orlando, August 27
• PrEP-based Motivational Interviewing by PROCEED
  – Orlando, September 10–11
  – Miami, September 13–14
• Delivery of PrEP Services for LGBTQ Populations by APLA
  – Ft. Lauderdale, August 23 & 24 (two, one-day trainings)
• Cultural Competency with a PrEP Element by APLA (TBD, October)
PrEP/nPEP Provider Toolkits

Provider Resources
- PrEP Plan of Action
- nPEP Plan of Action
- Taking a Sexual History Fact Sheet
- Diagnosing and Treating Bacterial STIs in Men who have Sex with Men (MSM) Fact Sheet
- PrEP Triage Fact Sheet
- PEP Triage Fact Sheet

Patient Resources
- Counter Card Display
- Brochures (English and Spanish)
- Posters (English and Spanish)
PrEP/nPEP Provider Toolkits, continued

FOR HEALTH CARE PROVIDERS

PLAN OF ACTION

PrEP

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If you have comments regarding sections of this publication, please call 850-245-4374.
PrEP Directories

- FL DOH PrEP Provider Directory (includes nPEP also)
  https://flhiv.doh.state.fl.us/ClinicSearch/FloridaPrEPPnPrEPClinicSearch.aspx

- National PrEP Databases
  https://preplocator.org/
  https://www.pleaseprepme.org/
  https://www.pleaseprepme.org/florida
Florida PrEP Users by Year, 2012–2016
(N=13,337)

Source: AIDSVu/Gilead PrEP Data released March 6, 2018
CHD PrEP Client Data

• Data sources:
  • DOH Health Management System (HMS)
  • Local PrEP Data Reports (Okaloosa, Miami-Dade, and Broward counties)
• DOH HMS Data Reporting Period: 7/01/2017–9/30/2018
CHD PrEP Clients by Month*, Florida

*Cumulative numbers for clients enrolled in PrEP services at CHDs.
CHD PrEP Clients by Gender, Florida
(N=1,838)

- Female: 24%
- Male: 76%
CHD PrEP Clients by Age Group, Florida (N=1,838)

<table>
<thead>
<tr>
<th>Age Groups</th>
<th>Number of PrEP Clients</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-19</td>
<td>111</td>
</tr>
<tr>
<td>20-29</td>
<td>720</td>
</tr>
<tr>
<td>30-39</td>
<td>552</td>
</tr>
<tr>
<td>40-49</td>
<td>249</td>
</tr>
<tr>
<td>50-59</td>
<td>159</td>
</tr>
<tr>
<td>60 and Older</td>
<td>48</td>
</tr>
</tbody>
</table>
CHD PrEP Clients by Race/Ethnicity, Florida (N=1,838)

- American Indian/Alaska Native: 2%
- Asian/Hawaiian Pacific Islander: 5%
- Black: 31%
- Hispanic: 35%
- Multiracial/Other: 27%
- White: 4%

Division of Disease Control and Health Protection
CHD PrEP Clients by Gender and Race/Ethnicity, Florida (N=1,838)

**Females**
- 48% White
- 13% Hispanic
- 3% Multiracial/Other
- 36% Asian/Hawaiian Pacific Islander
- 0% American Indian/Alaska Native

**Males**
- 42% White
- 29% Hispanic
- 6% Multiracial/Other
- 2% Asian/Hawaiian Pacific Islander
- 21% American Indian/Alaska Native
CHD PrEP Clients by Payor Source, Florida (N=1,838)

- Private Insurance: 34%
- Medicaid: 7%
- Medicare: 1%
- Uninsured: 58%
Next Steps

• Work with STD Section to increase PrEP referrals from Disease Intervention Specialists
• Modify data systems for PrEP referral data collection
• Develop PrEP materials specifically for women
• Amend minors consent to STD treatment statute
• Refine CHD PrEP HMS reports to include:
  – PrEP retention data
  – Transgender data
  – Mode of exposure/risk category data
Contact Information

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