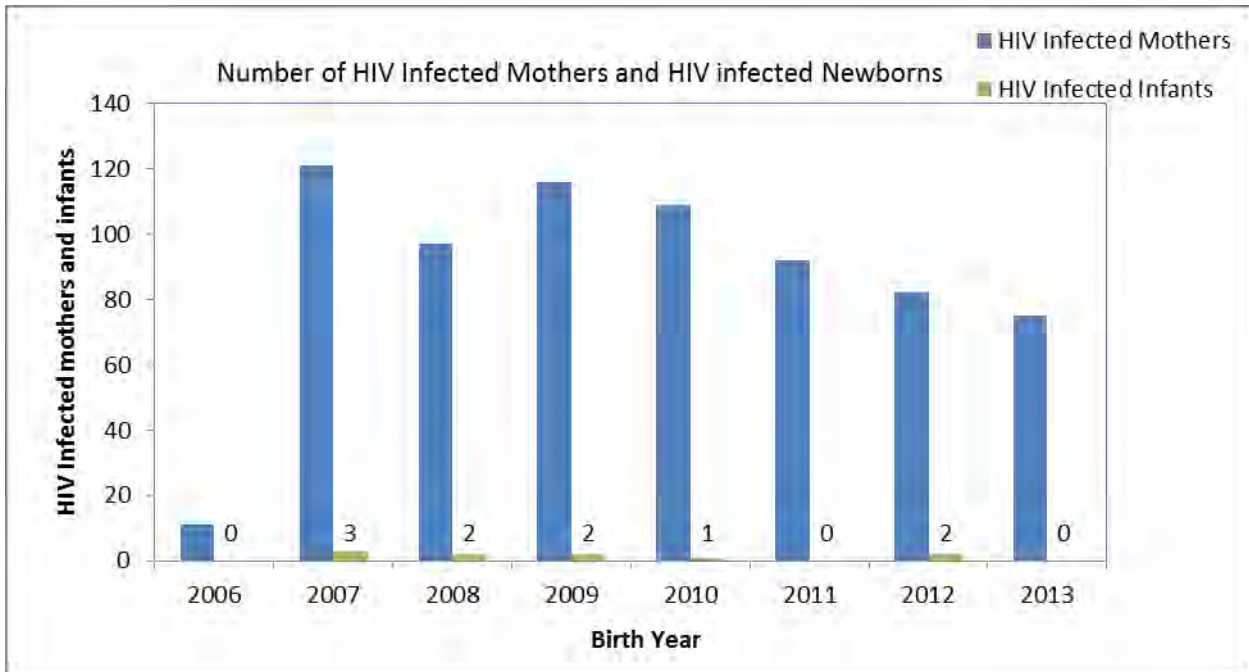




Turn the Curve Report 12/2014

Maternal and Child Health: Perinatal HIV Transmission



STORY BEHIND THE TURN THE CURVE REPORT:

- According to Florida Charts there were approximately 440,720 women of childbearing age, 13-49, living in Broward County in 2013.
- There were approximately 2,977 women of childbearing age, 13-49, living with HIV/AIDS in Broward County in 2013.
- In 2013, the Black female HIV case rate in Broward County was nearly 17-fold greater than the rate among White females. The HIV case rate for Hispanic females was nearly 3 times higher than the rate among White females.
- All pregnant women should be screened for HIV as early as possible during each pregnancy. In November 2006, FL Statutes (s.384.31, Florida Administrative Code Ch.64D-3.042 and Ch.64D-3.029) mandated opt-out testing for all pregnant women for HIV, Chlamydia, Hepatitis B, Gonorrhea, and Syphilis at first prenatal visit and again at 28-32 weeks gestation as well as at delivery when no records are available or no prenatal care. Florida Statutes also mandates reporting of all HIV exposed newborns within the next business day following the birth.
- According to the CDC, women with HIV who take antiretroviral medication (ARVs) during pregnancy as recommended can reduce the risk of transmitting HIV to their babies to less than 1%.
- The reduction of perinatal HIV infection in the US represents an important public health achievement, since 2006, with the reduction of HIV transmissions to 1.5% as per the CDC.
- In 2013, Florida had 507 cases of HIV exposed infants and 10 cases of perinatal transmission of HIV.
- In 2013, 128 HIV positive pregnant women were case managed by the Florida Department of Health in Broward County (DOH-Broward) Perinatal Prevention Program. Of these 128 HIV positive pregnant women, all of the deliveries were documented and 97% of the women were on ARV therapy during pregnancy.
- For 2013 and 2014, Broward County had zero cases of perinatal HIV transmission.

PARTNERS:

Broward County Perinatal HIV Provider Network (PHPN), DOH-Broward and other partners including:

- Delivery Hospitals: Broward Health Medical Center, Broward Health Coral Springs, Plantation General Hospital, Memorial Regional Hospital, Memorial Hospital West, Memorial Hospital Miramar, Northwest Medical Center, and Holy Cross Hospital
- Children's Diagnostic and Treatment Center (CDTC)
- Walgreens

- Broward Healthy Start Coalition; Healthy Start providers
- Targeted Outreach for Pregnant Women Act (TOPWA) providers
- Obstetricians and staff; Pediatricians and staff
- Florida/Caribbean AIDS Education and Training Center (FCAETC)
- The Ronik - Radlauer Group, Inc.
- BARC (Broward Addiction Recovery Center)
- Community Access Center

WHAT IS WORKING IN BROWARD COUNTY TO GET TO ZERO PERINATAL TRANSMISSION

- DOH-Broward social marketing campaigns, such as Protect Yourself, Protect Your Baby and the Broward >AIDS Physician Ambassadors campaigns, that promote routine testing for HIV and Syphilis, especially during the first and third trimesters of pregnancy.
- DOH-Broward has implemented an integrated perinatal prevention program that addresses HIV, Syphilis and Hepatitis B.
- DOH-Broward STD Program and Perinatal Prevention Program case manage all known HIV positive pregnant and try to ensure they are placed on and adherent to the appropriate ARV regimen during pregnancy.
- DOH-Broward Perinatal Prevention Coordinator conducts ongoing provider outreach to all OB/GYN and Pediatric physicians to promote 1st and 3rd trimester STD/HIV testing of pregnant women.
- Hospital staff and/or DOH-Broward linkage staff provide referrals for all HIV exposed infants prior to hospital discharge including counseling mother about the need for follow-up care for herself and her baby.
- PHPN and DOH-Broward provide at least two symposiums for healthcare providers per year, one regarding Perinatal HIV and the other on Congenital Syphilis.
- All eight labor and delivery hospitals have adopted protocols for rapid HIV testing for women who appear at delivery without prenatal care, or have no record of HIV testing after the 27th week gestation (Mandated legislation 64D-3).
- All eight labor and delivery hospitals have adopted evidence-based treatment protocols for all HIV positive pregnant women including during delivery. (Recommendations for the Use of Antiretroviral Drugs in Pregnant HIV-1-Infected Women for Maternal Health and Interventions to Reduce Perinatal HIV Transmission in the United States, March 28, 2014). (<http://aidsinfo.nih.gov/guidelines>).
- All eight labor and delivery hospitals have adopted evidence-based treatment protocols for all HIV exposed infants starting at birth that have been updated based on the Guidelines for the Use of Antiretroviral Agents in Pediatric HIV Infection (<http://aidsinfo.nih.gov/contentfiles/lvguidelines/pediatricguidelines.pdf>).
- DOH-Broward Perinatal Prevention Coordinator conducts ongoing education, technical assistance and monitoring of the eight labor and delivery hospitals regarding implementation of the most updated protocols for HIV testing of pregnant women, treatment of HIV positive pregnant women at delivery and treatment of HIV exposed newborns.

ACTION STEPS:

- To provide training and education to all OB-GYNs, Labor and Delivery Hospitals, Pediatricians and Healthy Start Care Coordinators regarding perinatal HIV and case reporting.
- To provide a minimum of one Perinatal HIV Symposium for healthcare providers and at least one Ground Rounds at a labor and delivery hospital per quarter.
- To provide specific HIV Prenatal Classes for pregnant HIV positive women at the Children's Diagnostic and Treatment Center utilizing a curriculum adopted from the University of Miami Comprehensive HIV OB-GYN clinic.
- To provide ongoing legislative efforts to update HIV state statute to include rapid HIV testing in labor and delivery for all women regardless of perinatal testing.
- To continue to promote the use of Walgreens voucher program for AZT syrup to the 8 labor and delivery hospitals.
- To educate all healthcare providers on preconception counseling and reproductive health for HIV positive women and serodiscordant couples.
- To advocate for more interventions for women with substance abuse and mental health conditions that are at higher risk for HIV infection.
- To educate healthcare partners on cultural beliefs related to pregnancy, childbirth, and care of the infant/child.
- To expand capabilities of the Perinatal HIV Provider Network to provide education and resources for the healthcare partners and community.

RESOURCES:

- www.doh.stat.fl.us
- www.FloridaCharts.com
- <http://broward.floridahealth.gov>
- www.CDC.gov
- <http://www.aidsinfo.nih.gov/>