

Pediatric* HIV in Florida

Florida ranks second (N=1,577), behind New York (N=2,438), in the number of pediatric AIDS cases diagnosed through 2009. (*National data is not yet available for 2010.*)

Through 2010, Florida has reported a cumulative total of 2,471 HIV & AIDS cases that were infected with HIV prior to the age of 13.

- Of these cases
 - 74% were black, 14% were Hispanic, 10% were white and 2% were mixed races
 - 95% were infected perinatally, 3% via blood products and 2% other/unknown

Florida ranks second (N=9), behind New York (N=10), in the number of perinatally acquired HIV infections born in 2009. (*Data only for 40 states, National data is not yet available for 2010.*)

The number of perinatally acquired HIV-infected babies born in Florida (N=1,185) has steadily declined (-95%) from a peak of 110 cases born in Florida in 1993 to 6 cases in 2010.

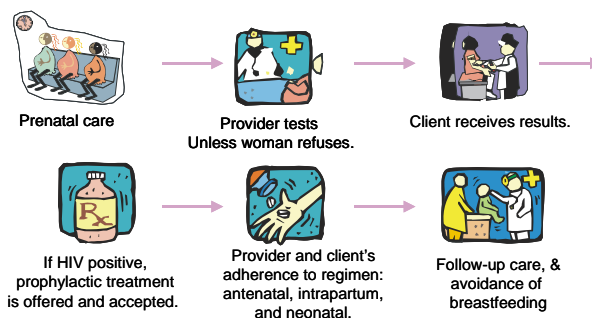
Of the 570 babies known to be born to an HIV-infected mother in Florida in 2010, 6 (1.1%) were known to be infected. Of these 6 babies:

- 4 (67%) mothers knew their HIV status prior to birth
- 2 mothers found out after birth

There are several risk factors for perinatal transmission for which interventions have been established to prevent perinatal HIV transmission including: inadequate prenatal care (adequate care is defined as: 5 or more visits, starting by month 4 or earlier), no prenatal antiretroviral therapies (ART), no ART at delivery, and/or no neonatal ART (within the first 6 weeks of the infant's life). Having one or more risk factors increases the likelihood of a perinatal transmission.

- Of the 6 perinatally HIV-infected babies born in 2010,
 - 2 (33%) of the mothers were *NOT* known to be HIV positive until *AFTER* delivery, thus missed *any* opportunity for prevention of perinatal infection (I would move all risk factors that only belong to these women as sub bullets)
 - These women did not have any ART during labor and delivery (for example)
 - 5 (83%) had *inadequate* prenatal ART (how is this not 4 if 2 were not known infected?)
 - 3 (50%) had *NO* prenatal ART at all (no and inadequate should be mutually exclusive or no listed as a subset of inadequate)
 - 2 (33%) did *NOT* have any ART during labor and delivery (these last two were in women who did not know their status? If not, then that needs to be explained)
 - 1 (16%) did *NOT* receive any neonatal ART

In addition to those listed above, another risk factor is breast feeding. Of the 6 perinatally HIV-infected babies born in 2010, 1 (17%) was breast fed.



*Pediatric cases are defined as acquiring HIV prior to age 13

Data sources:

- Florida data: FL Department of Health, Bureau of HIV/AIDS
- For more Florida data, go to <http://floridaaids.org/>, then trends and statistics, then slide shows to find the slide set on pediatric cases
- U.S. data: HIV Surveillance Report, 2009 (most recent available) Vol. 29
- For national facts, go to: <http://www.cdc.gov/hiv/resources/factsheets/index.htm> or <http://www.kff.org/hi>
- For more information on the global impact of HIV/AIDS on pediatric cases see the AIDS Epidemic Update, December 2009, produced by the WHO and UNAIDS at <http://www.unaids.org>

