

# NEW JERSEY HIV/AIDS REPORT

December 31, 2006



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Governor

**Public Health Services Branch**

**Division of HIV/AIDS Services**

**...preventing disease with care**



Fred M. Jacobs, M.D., J.D.  
Commissioner

## Division of HIV/AIDS Services

...preventing disease with care

**Office of the Assistant Commissioner** (609) 984-5874

Medical Director (609) 984-6191  
 Policy and Planning  
 Special Projects and Initiatives

**Administrative Support Services Unit** (609) 984-5888

**Care and Treatment Services Unit** (609) 984-6328

AIDS Drug Distribution Program  
 Corrections Initiative  
 Health Insurance Continuation Program  
 HIV Care Consortia  
 HIV Counseling and Testing Program (609) 984-6125  
 HIV Early Intervention Program  
 HIV Home Health Care Program  
 Housing Opportunities for Persons with AIDS

**Epidemiologic Services Unit** (609) 984-5940

Case Reporting Forms  
 HIV/AIDS Statistics  
 Epidemiologic Studies  
 Notification Assistance Program-Newark (973) 648-7500

**Prevention and Education Services Unit** (609) 984-6050

Community-based HIV Prevention Projects  
 HIV Prevention Community Planning Group  
 HIV-related Training  
 NJ AIDS/STD Hotline 1-800-624-2377  
 Printed Material distribution

Visit the New Jersey Department of Health and Senior Services' website:  
[www.state.nj.us/health](http://www.state.nj.us/health).

To request to have this report link e-mailed to you, to be added to our mailing list, or to request other information, contact us by telephone or by e-mail.

Telephone (609) 984-5940

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**Questions?** Contact New Jersey HIV/AIDS Hotline 1-800-624-2377

## Highlights

- By the end of 2006, 33,623 people are reported living with HIV or AIDS in New Jersey.
- Minorities account for 75% of adult/adolescent cumulative HIV/AIDS cases and 78% of all persons living with HIV/AIDS (Page 8).
- Injection drug use and sexual contact remain the major modes of exposure to HIV infection. The proportion of reported cases with HIV/AIDS who were exposed through injection drug use (IDU) is lower than in the past, while the proportion of cases that were exposed through sexual contact is increasing (Pages 10-11).
- Seven of ten persons living with HIV/AIDS are 40 years of age or older (Page 12).
- Thirty-six percent of those living with HIV/AIDS are females; 3 out of 4 females are currently 20-49 years old (Page 12).
- Perinatal transmission has been reduced from 25% in 1993 to less than 5% in 2005 (Page 15).

## Featured Articles

This report features an update on the IMPACT initiative.

## Special Features

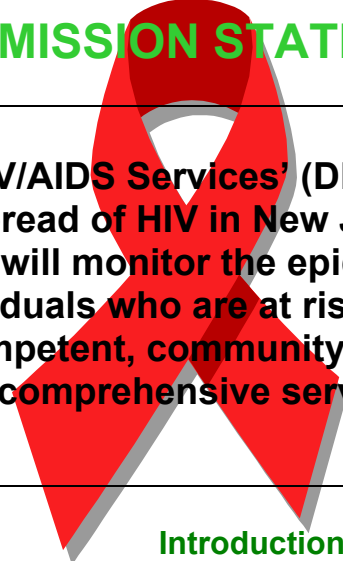
**The centerfold map** features a complete reporting of HIV/AIDS cases, perinatal HIV infections, and perinatal exposure by county.

Copies of this report are available on the NJDHSS' website at [www.state.nj.us/health](http://www.state.nj.us/health). The website also contains complete county and municipal reports.



Look for these shoes to help you walk through the data!

## MISSION STATEMENT



**The Division of HIV/AIDS Services' (DHAS) mission is to prevent, treat, and reduce the spread of HIV in New Jersey. In keeping with this mission, the DHAS will monitor the epidemic and assure through its resources that individuals who are at risk or infected with HIV have access to culturally competent, community-based networks that provide qualitative and comprehensive services.**

### Introduction

The purpose of this report is to provide data that can be used for monitoring the epidemic and for planning services and prevention activities. All data in this report are based on cases that were reported to the Division of HIV/AIDS Services (DHAS) through December 31, 2006. A description of how these data are collected can be found in the June 2002 HIV and AIDS Surveillance Report. This is available on the NJDHSS' website at [www.state.nj.us/health](http://www.state.nj.us/health). If you would prefer to receive this report by e-mail contact us at [aids@doh.state.nj.us](mailto:aids@doh.state.nj.us) and we will e-mail you a link to the report.

### What can I find in this report?

#### Epidemiology

**Adult/Adolescent HIV/AIDS cases in each age group, in each racial/ethnic group, and for each HIV/AIDS exposure category by gender for the most recent year, as well as cumulatively.**

These tables show all adult/adolescent persons reported with HIV infection including those who have progressed to AIDS whether living or deceased. As new therapies become available, a larger percentage of cases will remain HIV positive for longer periods of time before developing AIDS. Looking at both HIV and AIDS status provides a more complete picture of the history of infection in the state than does data about AIDS alone. It is also important to note that cases reported in the past 12 months may have been diagnosed in previous years, but due to data transmission delays were only recently tabulated.

**Persons *living* with HIV or AIDS for each gender by age group, in each racial/ethnic group, and for each exposure category.**

These data show where the epidemic is now and where services are most needed.

## Pediatric HIV/AIDS and Exposures

These data show the number of cases for individuals diagnosed while under the age of 13. The data include information on perinatal exposures and other pediatric infections.

## Prevention Initiatives

Updated data for the 10 cities in which the IMPACT initiative is conducted are presented.

## Modified Risk Exposure Hierarchy

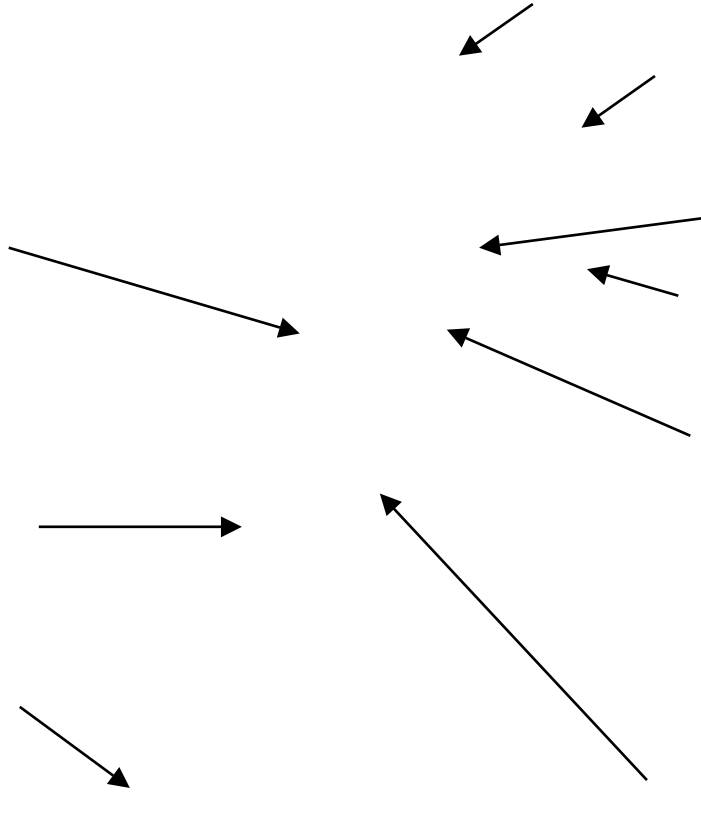
Although we usually cannot determine exactly how or when a person was infected, it is possible to determine which behaviors exposed an individual to HIV infection. In the 1980s the Centers for Disease Control and Prevention (CDC) established a hierarchy to categorize modes of exposure for persons reported with AIDS based on their risk exposures. Behaviors most likely to lead to infection are higher in the hierarchy than those less likely to lead to infection. This hierarchy is described at [www.cdc.gov/hiv/stats/hasr1402/technotes.htm](http://www.cdc.gov/hiv/stats/hasr1402/technotes.htm).

Beginning in the June 2004 report, we began to use a modified risk hierarchy. Heterosexual contact with a person of unknown status was reported as “heterosexual contact with partners of unknown HIV risk.” Prior to that, these cases were reported as persons with unknown risk exposure. Heterosexual contact with persons of known risk are reported by the risk status of the partner. Due to improvements in the screening of donated blood, transfusions have been virtually eliminated as an exposure category for HIV infection. In this report, transfusion and hemophilia cases are reported in the “Other/Unknown” category.

The ascertainment of exposure category is incomplete, especially for cases reported recently. Some cases currently in the “Other/Unknown” category may be categorized later to known exposure categories as follow-up investigations are completed.

## What won't this report tell me?

Due to delays between diagnosis of HIV or AIDS and reporting to the DHAS, cases reported during the last 12 months may have been diagnosed in previous years. Also, many cases diagnosed in 2005 and 2006 may not be in this report. It is also important to note that individuals who are infected but not tested and diagnosed are not included in these reports. It is estimated that undiagnosed and unreported cases comprise approximately one-fourth of all estimated infections. The number of persons living with HIV/AIDS is only an estimate because of the incomplete mortality data due to delays in reporting deaths of HIV/AIDS cases, and migration in or out-of-state. Therefore, the reported data underestimate true incidence, prevalence and mortality rates.



Legend for Summary Case Counts

- AIDS = AIDS cases (cumulative)
- HIV = HIV Positive Cases, not AIDS
- H&A = HIV/AIDS Cases (cumulative)
- Living = Persons Living with HIV/AIDS  
(HIV/AIDS cases not known dead)
- PeriInf = Perinatal HIV Infections (Child born to HIV+ mother, child's HIV serostatus is confirmed HIV Positive; included in HIV/AIDS case counts)
- PeriExp = Perinatal HIV Exposures (Child born to HIV+ mother, child's HIV serostatus is negative or indeterminate; NOT included in HIV/AIDS case counts)

← AIDS: 265  
 HIV: 113  
 H&A: 378  
 Living: 199  
 PeriInf: 5  
 PeriExp: 35

Cases not on map		
	County Unknown	Incarcerated at Diagnosis
AIDS:	23	2,416
HIV:	39	1,006
H&A:	62	3,422
Living:	58	1,808
PeriInf:	0	0
PeriExp:	16	0