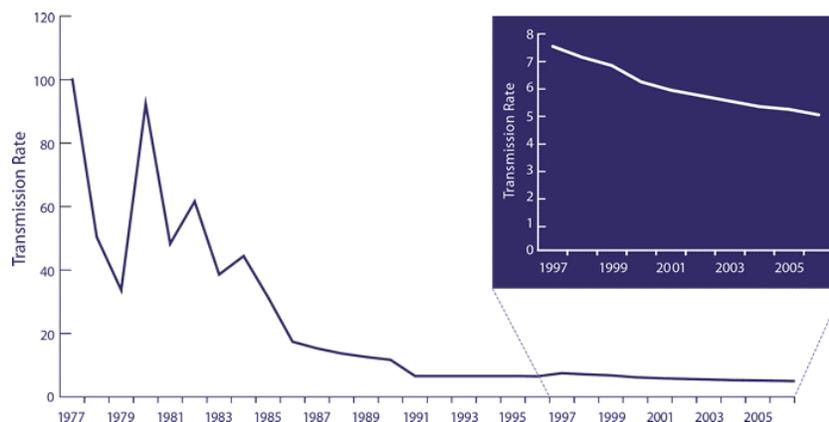


## QuickStats

December 26, 2008

Annual transmission rates per 100 persons living with HIV, 1977–2006, United States.



- In 2008 CDC released estimates of both incidence (number of new infections each year) and prevalence (the total number of people living with HIV infection in a given year). By dividing the prevalence by the incidence and multiplying by 100 for a given year, Holtgrave, et al (reference below) have estimated the number of transmissions per 100 PLWHA during 1977 to 2006. The graph above shows that the transmission rate has decreased significantly during the mid to late 80's and continues to decrease in recent years (inset). The current annual rate is approximately 5 transmissions per 100 PLWHA.
- The authors attribute the reduction in transmission to prevention efforts. Medications that reduce the level of virus in the blood and other body fluids may also contribute by making individual sexual or other exposures less likely to result in transmission. These are national estimates and may not reflect trends in specific locations.
- Although this trend is encouraging, significant transmission is still occurring in Connecticut and nationally. Click [here](#) to see the data. Prevention is still needed and crucial to further gains against HIV.
- Questions or to request PowerPoint graph, email: [aaron.roome@ct.gov](mailto:aaron.roome@ct.gov)

Source: CDC: <http://www.cdc.gov/hiv/topics/surveillance/resources/factsheets/transmission.htm>

Holtgrave D, Hall HI, Rhodes P, et al. Updated Annual HIV Transmission Rates in the United States, 1977-2006. [JAIDS](#) ■