

FIGURE 226-12 Transmission categories of adults and adolescents diagnosed with HIV infection (regardless of stage) in 2011, United States. (From CDC.)

(Fig. 226-12). The estimated numbers of new HIV infections in 2011 in the United States for the 10 most affected subpopulations are shown in Fig. 226-13.

Perinatal HIV transmission, from an HIV-infected mother to her baby, has declined significantly in the United States, largely due to

the implementation of guidelines for the universal counseling and voluntary HIV testing of pregnant women and the use of antiretroviral therapy for pregnant women and newborn infants to prevent infection (Fig. 226-14). In 2011, fewer than 200 children were diagnosed with HIV infection in the United States.

HIV infection and AIDS have disproportionately affected minority populations in the United States. Among those diagnosed with HIV (regardless of stage of infection) in 2011, 47% percent were Blacks/African Americans, a group that constitutes only 12% of the U.S. population (Fig. 226-15A). The estimated rate of new HIV diagnoses in 2011 by race/ethnicity per 100,000 population in the United States is shown in Fig. 226-15B.

The number of individuals diagnosed with AIDS and deaths among persons with AIDS in the United States rose steadily through the 1980s; AIDS cases peaked in 1993 and deaths in 1995 (Fig. 226-16). Since then, the annual numbers of AIDS-related deaths in the United States have fallen ~70%. This trend is due to several factors, including improved prophylaxis and treatment of opportunistic infections, growing experience among the health professions in caring for HIV-infected individuals, improved access to health care, and a decrease in new infections due to saturational effects and prevention efforts.

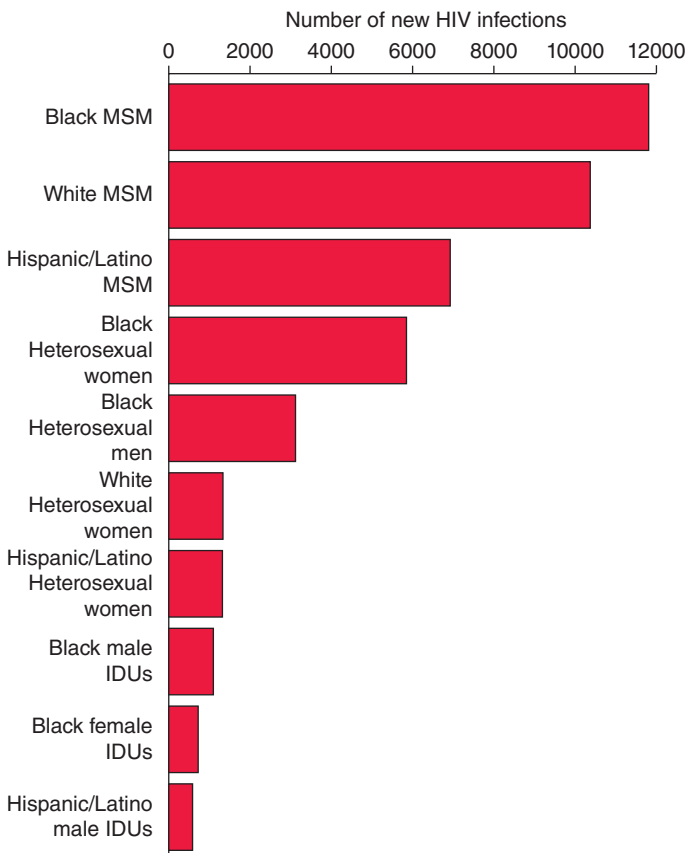


FIGURE 226-13 Estimated number of new HIV infections in the United States, 2011, for the most affected subpopulations. (From CDC.)

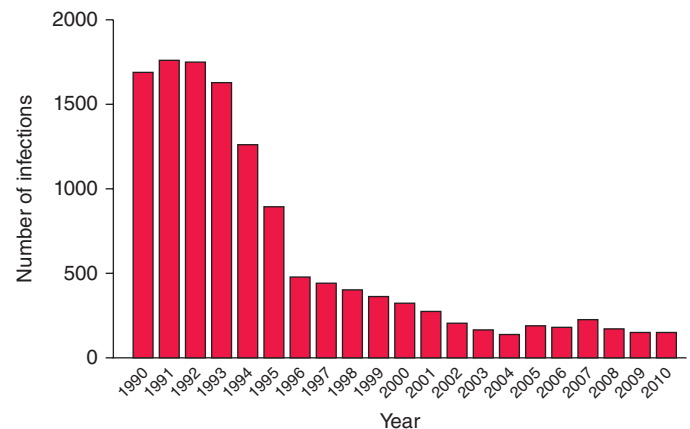


FIGURE 226-14 Estimated number of HIV-infected infants, United States, 1990–2010. (From CDC.)