

Overview HIV Epidemiology in Youth

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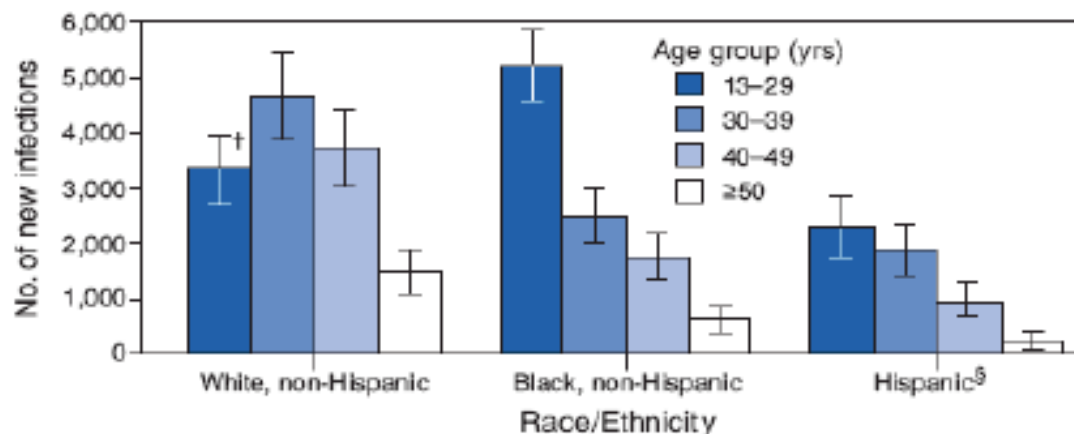
Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN)

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US Domestic HIV Epidemiology in Youth

- **Estimated 56,000 new infections each year**
- **1/3 of all new infections are in <30 age category**
- **In the <30 age category:**
 - **75% of new infections are in males with >80% in MSM risk category**
 - **For females >80% are in high risk heterosexual sex category**
- **Overall, fastest growing segment is the YMSM of color, particularly AA**

FIGURE. Estimated number* of persons with new human immunodeficiency virus (HIV) infections among men who have sex with men, by race/ethnicity and age group — United States, 2006



HIV Epidemiology in Youth: Implications

- **Demonstrates the imperative to adapt/test/supplement any biomedical prevention strategies to the lowest age group possible at the earliest possible time**
- **Epidemiologic data will be needed to inform design of efficacy trials in particular**
- **The ecology of the varying epidemics as well as unique cultural features will minimally require youth focused effectiveness trials particularly for “behavioral” biomedical youth interventions**