



ARV Therapies and Therapeutic Strategies

INDEPENDENT REPORTING ON CROI 2017

Comprehensive Expert Review and Discussion of Key Presentations

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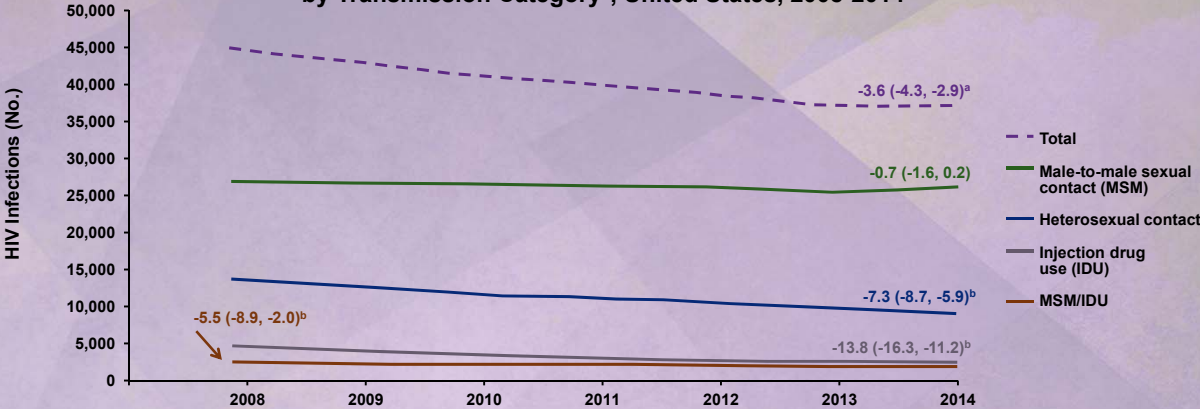
HIV INCIDENCE, PREVALENCE, AND UNDIAGNOSED INFECTIONS IN MEN WHO HAVE SEX WITH MEN

Sonia Singh, Ruiguang Song, Anna S. Johnson, Eugene McCray, Irene Hall

Abstract 30

HIV Incidence in US: 2008-2014

Estimated HIV Incidence Among Persons Aged ≥13 Years, by Transmission Category^a, United States, 2008-2014



Note: Data include persons with diagnosis of HIV infection regardless of stage of disease at diagnosis.
a. Adjusted for missing risk factor information. Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.
b. Estimated annual percentage change is different from zero at the 5% significant level.

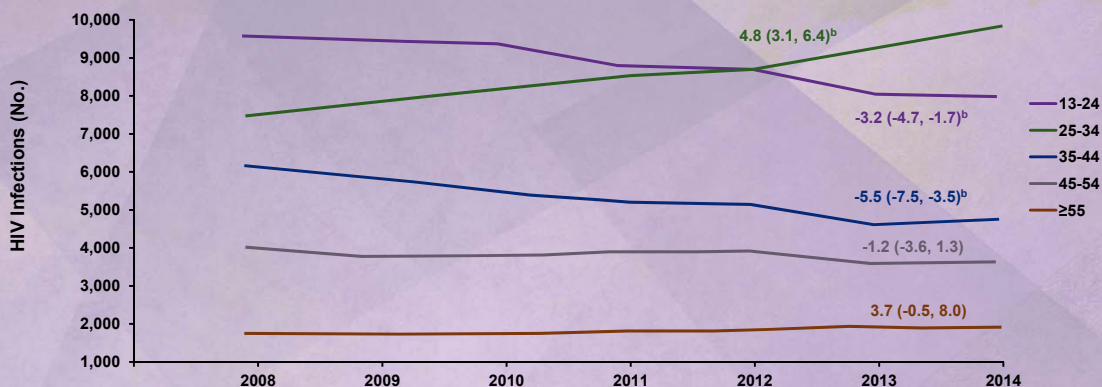
Estimated HIV Prevalence and Percentages with Undiagnosed Infection

Transmission Category	HIV Prevalence		Persons Living with Undiagnosed HIV Infection	
	No.	95% CI	%	95% CI
Total	1,107,700	(1,088,500, 1,127,00)	15.0	(14.3, 15.7)
Male-to-Male Sexual Contact	615,400	(600,900, 629,900)	17.3	(16.3, 18.4)
Injection Drug Use	139,700	(133,300, 146,100)	6.4	(4.4, 8.4)
Male-to-Male Sexual Contact and Injection Drug Use	56,600	(52,900, 60,200)	7.4	(4.5, 10.3)
Heterosexual Contact	296,100	(286,300, 306,000)	15.6	(14.2, 17.0)

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HIV Incidence in US: 2008-2014

Estimated HIV Incidence Among Men Who Have Sex with Men^a, Aged ≥13 Years, by Age, United States, 2008-2014



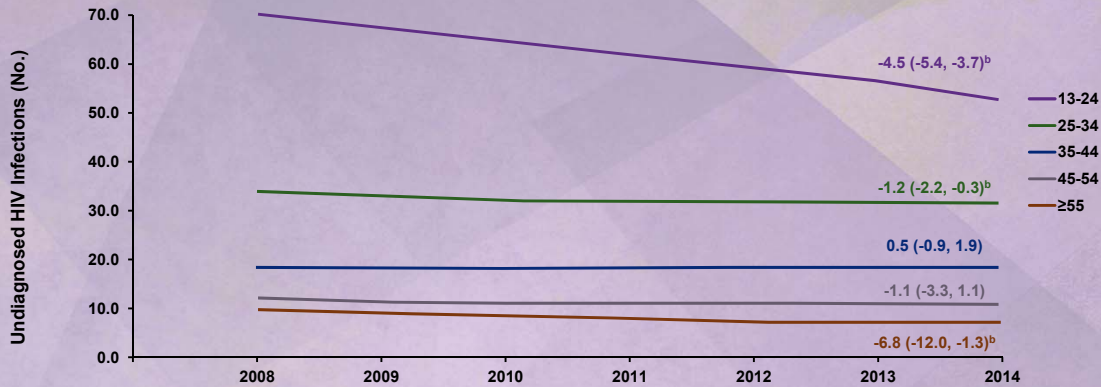
Note: Data include persons with diagnosis of HIV infection regardless of stage of disease at diagnosis. Age is in years.

a. Adjusted for missing risk factor information.

b. Estimated annual percentage change is different from zero at the 5% significant level.

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Estimated Percent of MSM with Undiagnosed Infection by Age

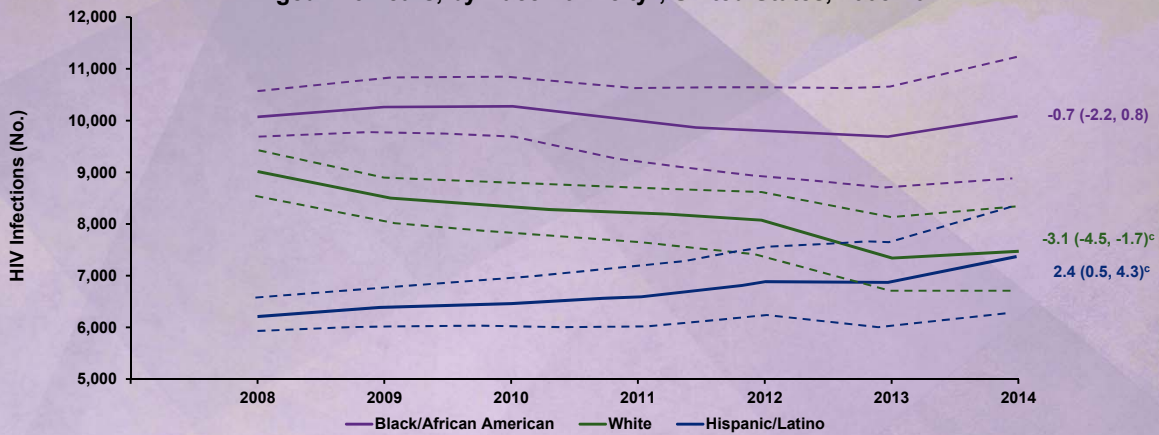


Note: Data include persons with diagnosis of HIV infection regardless of stage of disease at diagnosis. Age is in years.
 a. Adjusted for missing risk factor information.
 b. Estimated annual percentage change is different from zero at the 5% significant level.

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HIV Incidence in US: 2008-2014

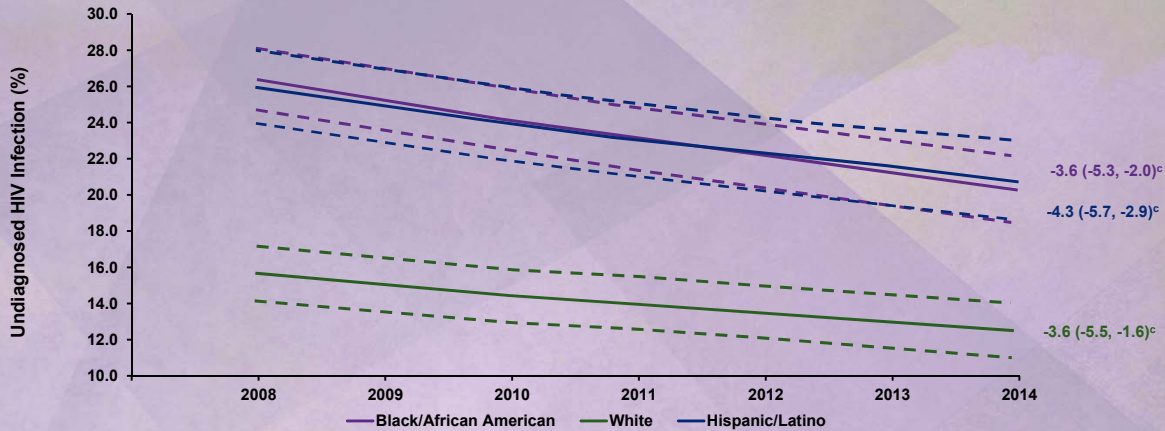
Estimated HIV Incidence Among Men Who Have Sex with Men^a, Aged ≥13 Years, by Race/Ethnicity^b, United States, 2008-2014



Note: Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis.
 a. Adjusted for missing risk factor information.
 b. Hispanics/Latinos can be of any race.
 c. Estimated annual percentage change is different from zero at the 5% significant level.

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Percent of MSM with Undiagnosed HIV by Race



Note: Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis.
a. Adjusted for missing risk factor information.
b. Hispanics/Latinos can be of any race.
c. Estimated annual percentage change is different from zero at the 5% significant level.

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Conclusions

- Overall the incidence of HIV infection in the US is declining
- Infection among MSM is stagnant
- Infections among MSM is rising among individuals 25-34 (and in those ≥ 55)
- Infections are increasing among Latino MSM, while declining in Black and White MSM
- The proportion of infected individuals with undiagnosed HIV infection are generally declining but are still high among young MSM

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