

*HIV/AIDS DISPARITIES IN THE US
CONGRESSIONAL BLACK CAUCUS*

*BRAIN TRUST
AND
NATIONAL QUALITY FORUM*

2008 SPRING LEADERSHIP SUMMIT

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Demographics:

HIV testing:

HIV Care:

Prevention:

Washington DC:

*ESTIMATED CASE RATES OF AIDS
(/100,000) BY RACE FOR 2006*

<i>Race</i>	<i>No.</i>	<i>Rate</i>
<i>White</i>	<i>10,926</i>	<i>6.4</i>
<i>Black</i>	<i>17,930</i>	<i>60.3</i>
<i>Hispanic</i>	<i>6,903</i>	<i>20.8</i>
<i>Total</i>	<i>36,790</i>	<i>14.9</i>

*ESTIMATED CASE RATES OF AIDS
RACE AND TRANSMISSION
CATEGORY FOR HIV/AIDS: 2006*

	<i>White</i>	<i>Black</i>
<u><i>Male (n=139,994)</i></u>		
<i>Gay/bisexual men</i>	<i>77%</i>	<i>49%</i>
<i>Injection drug use</i>	<i>9%</i>	<i>22%</i>
<u><i>Female (n=25,050)</i></u>		
<i>Injection drug use</i>	<i>33%</i>	<i>23%</i>
<i>Heterosexual</i>	<i>65%</i>	<i>75%</i>

AIDS RATE FOR METROPOLITAN AREAS (/100,000): 2006

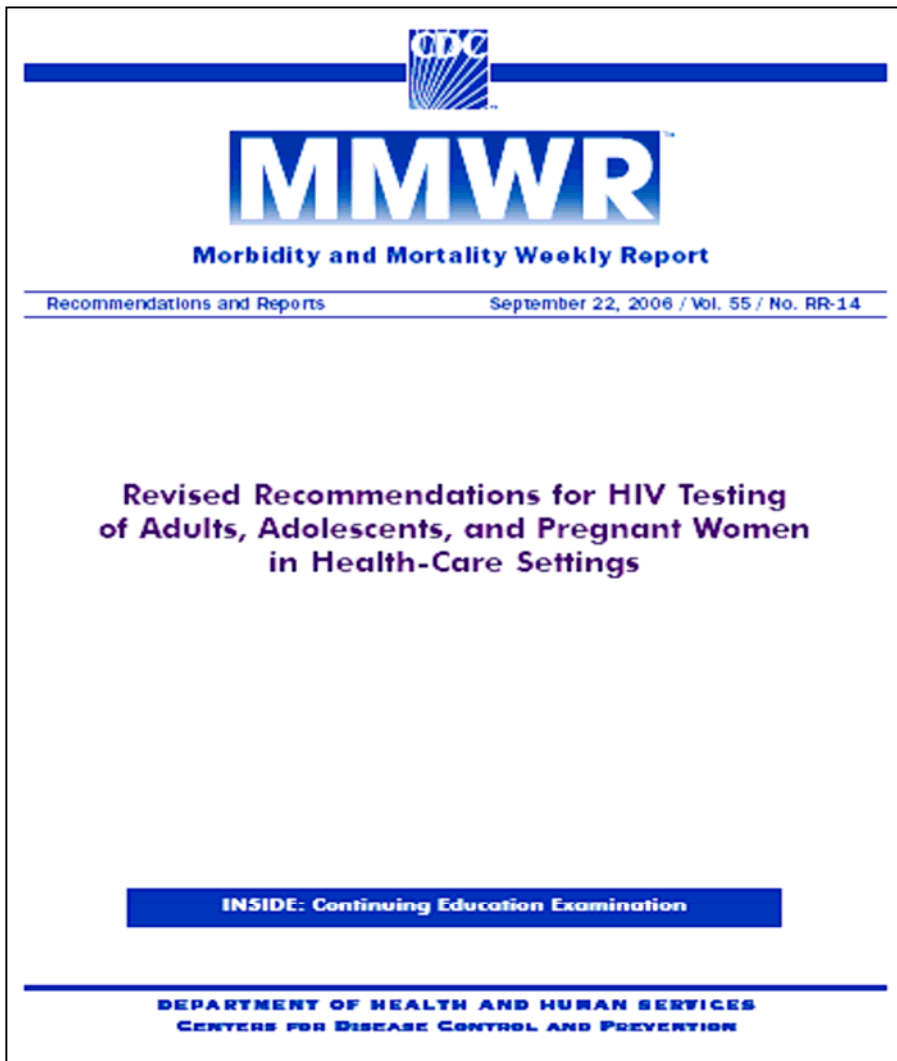
<i>Rank</i>	<i>City</i>	<i>Rate</i>
<i>#1</i>	<i>Miami</i>	<i>41.9</i>
<i>#2</i>	<i>Baltimore</i>	<i>37.7</i>
<i>#3</i>	<i>Washington DC</i>	<i>31.8</i>
<i>#4</i>	<i>Baton Rouge</i>	<i>30.1</i>
<i>#5</i>	<i>New York City</i>	<i>29.2</i>
<i>#6</i>	<i>Columbia, SC</i>	<i>28.0</i>
<i>#7</i>	<i>Memphis</i>	<i>27.1</i>
<i>#8</i>	<i>New Orleans</i>	<i>26.4</i>
<i>#9</i>	<i>Orlando</i>	<i>26.4</i>
<i>#10</i>	<i>Jacksonville, Fla</i>	<i>24.6</i>

MAIN CHALLENGES: US

- 1. Testing*
- 2. Prevention*
- 3. Cost of care*
- 4. Washington DC*

#6: Test all aged 13-64 yrs

September 22, 2006 CDC Recommendations



- *Routine voluntary testing for patients ages 13-64 in health care settings – not based on patient risk*
- *Opt-out testing*
- *No separate consent for HIV*
- *Pre-test counseling not required*
- *Repeat HIV testing left to discretion of provider, based on patient risk*

THE HIV TEST

- 1. Virtually 100% accurate*
- 2. Cost -- \$15*
- 3. Cost effective with 1/1000 infected*
- 4. Rate of HIV in US 0.3%*
- 5. Untreated: 100% lethal*
Benefit of early treatment: Huge

RATIONALE FOR TESTING

Number infected in US: 1.2 million

Number who do not know it - 25%

Prevention

- 40% have AIDS within 1 year of first positive test*

Earlier care

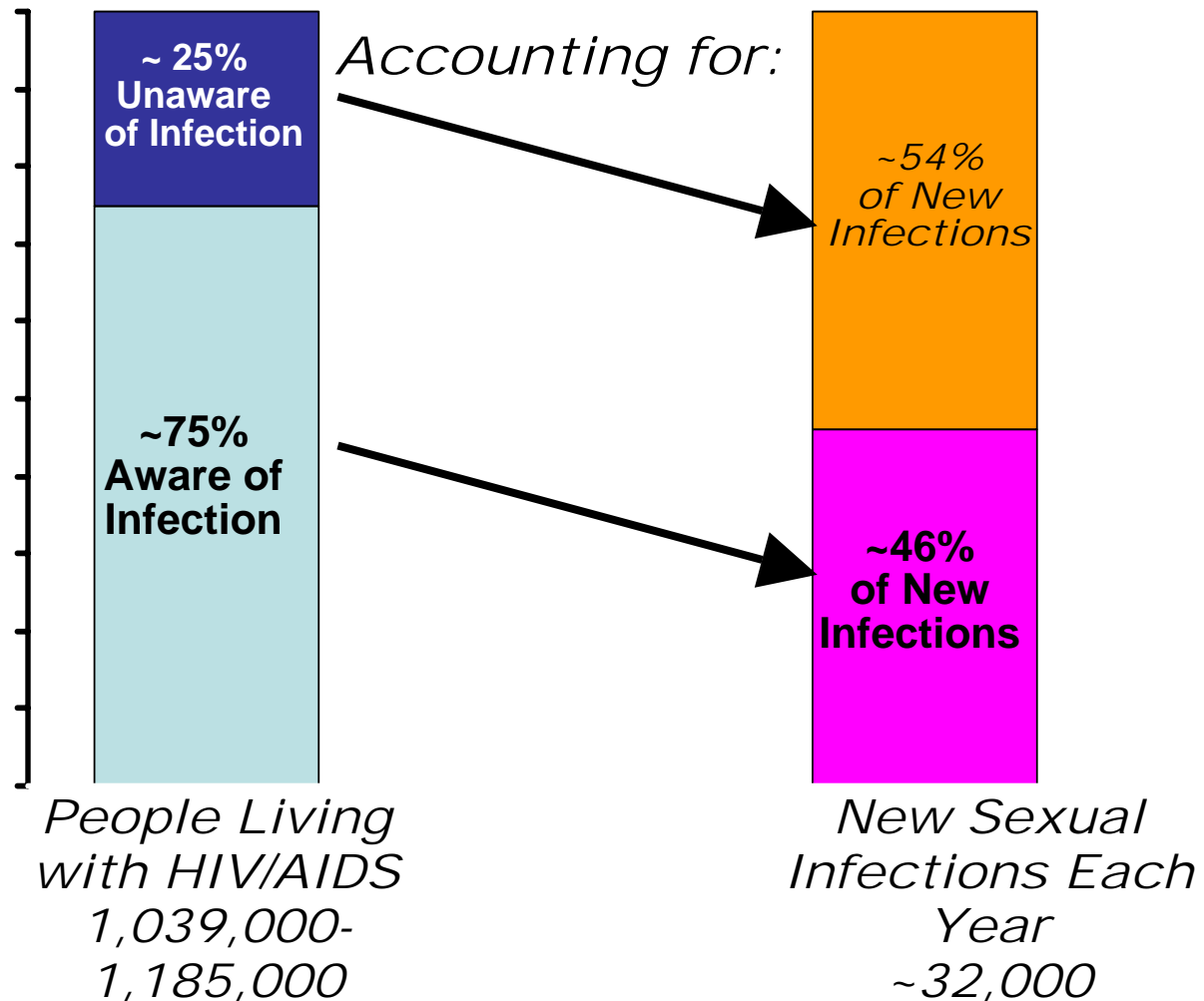
- It takes average of 10 years to get AIDS*
- Average patient had 6 healthcare contacts in prior 3 years with no test*

HIV Transmission Rates Correlated With HIV Serostatus

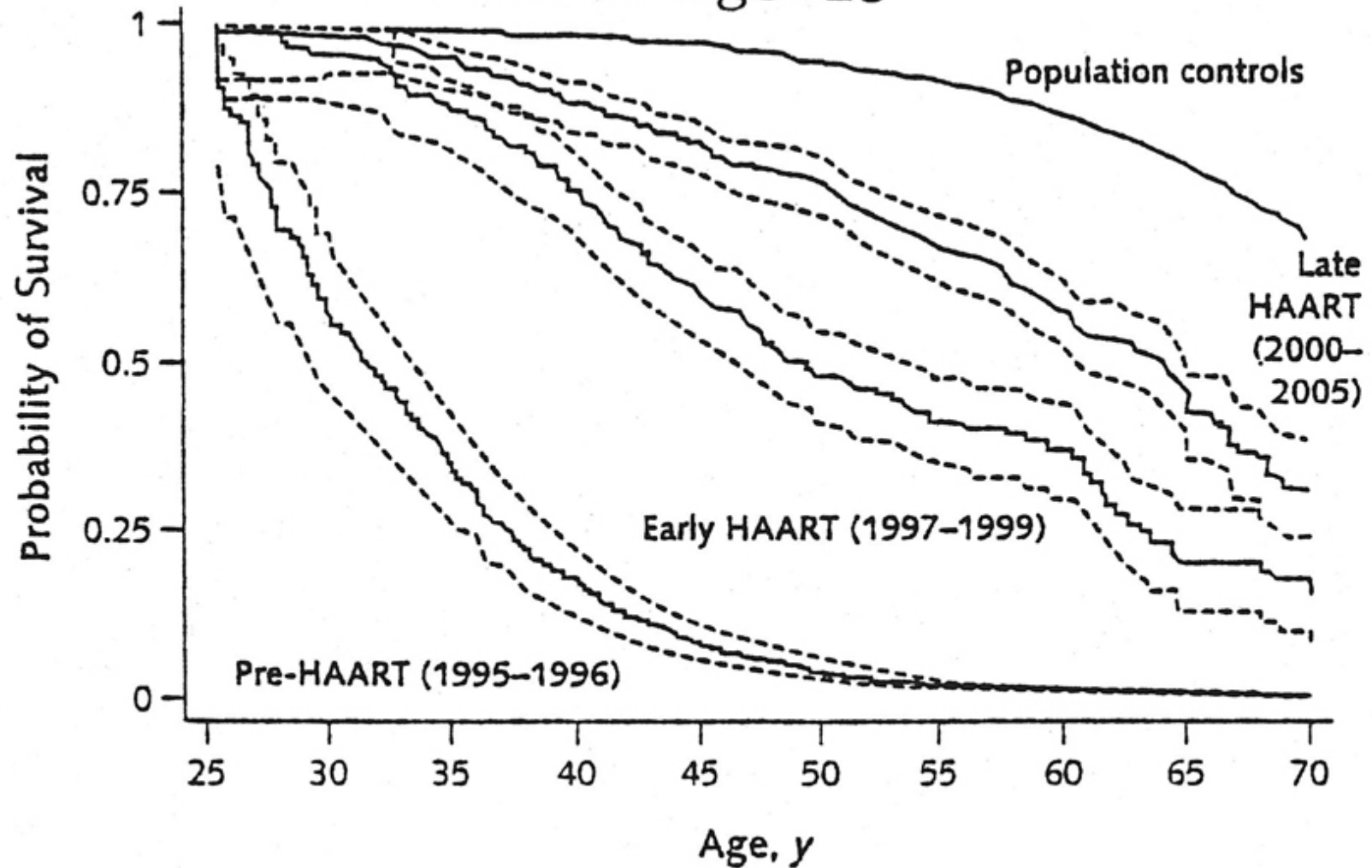
*Unaware of HIV status (HIV positive):
Estimated transmission rate 8.8%-10.8%*

*Aware of HIV status (HIV positive):
Estimated transmission rate 1.7%-2.4%*

Awareness of Serostatus Among People with HIV and Estimates of Transmission



Survival from age 25

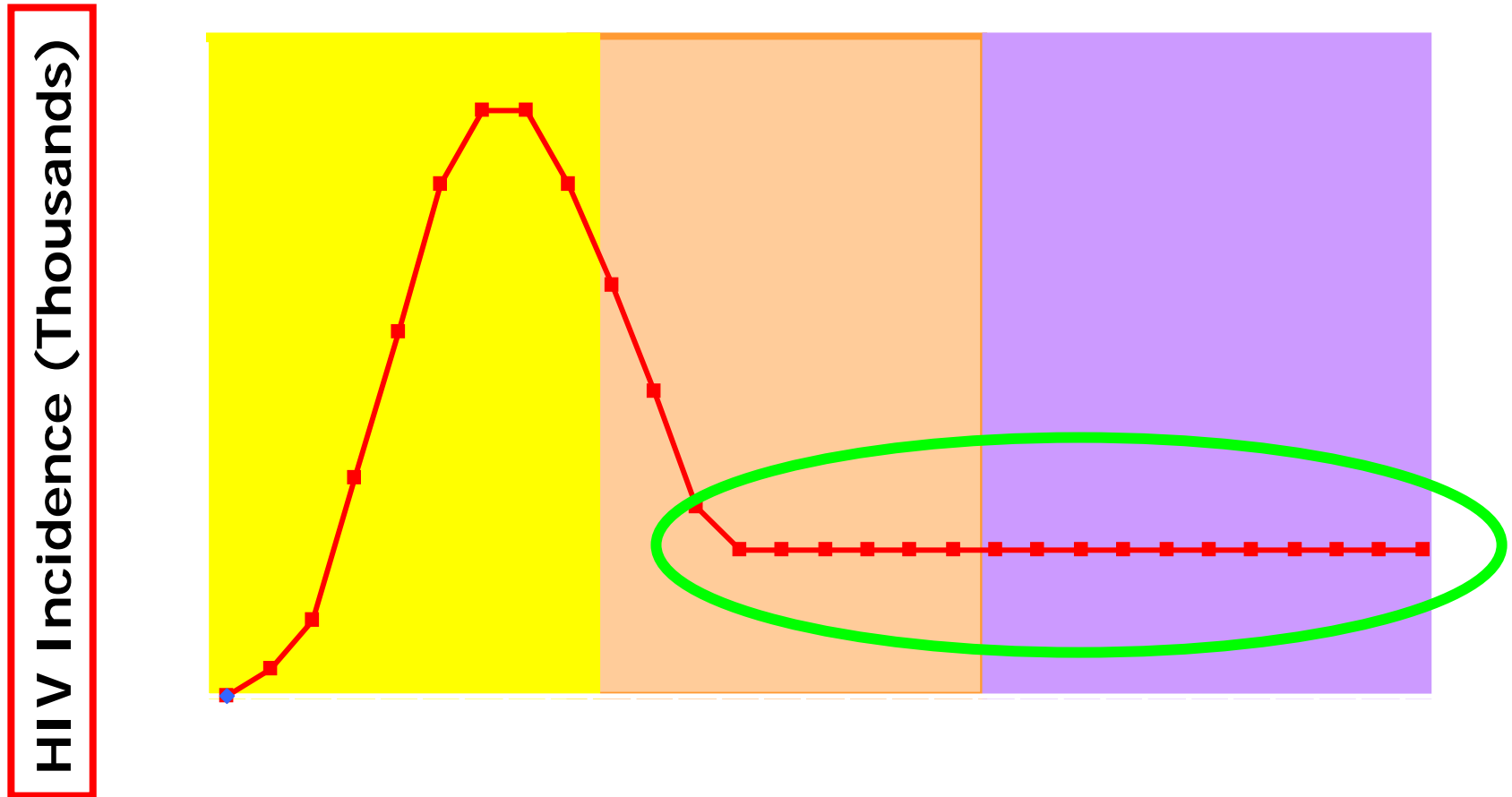


Lohse Ann Int Med 2007;146:90

The benefit of early treatment
US - 3,000,000 life-years
Walensky: JID 2006;194:11

The penalty for late starts
Maryland: 2,673 life-years
Moore R. CROI 2008; Abstract 805

HIV Incidence in United States Over 25 Years of AIDS



≥ 40,000 infections annually despite improvements in therapy!

PREVENTION

Established: Blood screening, PMTCT, needle exchange, A & C of ABC

Recent trials

Circumcision

Microbicides

Diaphragm

Acyclovir (HSV)

Vaccine

Bacterial STD

PrPEP

Acute HIV

PREVENTION

Established: Blood screening, PMTCT, needle exchange, A & C of ABC

Recent trials

Circumcision

Microbicides - FAILED

Diaphragm - FAILED

Acyclovir (HSV) - FAILED (HIV neg)

Vaccine - FAILED

Bacterial STD - FAILED

PrPEP

Acute HIV

PREVENTION

Established: Blood screening, PMTCT, needle exchange, A & C of ABC

Recent trials

Circumcision – 50-60% reduction

Microbicides – FAILED

Diaphragm – FAILED

Acyclovir (HSV) – FAILED (HIV neg)

Vaccine – FAILED

Bacterial STD – FAILED

PrPEP -- ? cost

Acute HIV -- ? cost

Test everyone, Treatment

HIV INFECTION: ECONOMIC AND DEMOGRAPHIC REALITIES

Cost of care: \$15,000-25,000/yr (77% for
meds)

Demographics:

	<i>AIDS Pts</i>	<i>Gen pop</i>
• <i>Unemployed</i>	62%	5%
• <i>Income <10K/yr</i>	45%	8%
• <i>Private/group</i>	16%	66%
• <i>Medicare/medicaid</i>	50%	15%

Issues

- *Ryan White Care Act*
- *Medicaid*

Demographics:

AA - rates 10 x higher

HIV testing:

Unused dream test

HIV Care:

Greatest medical achievement in 50 years

Prevention:

Greatest failure

Washington DC:

Epitome of issues