

Overview of the National HIV Behavioral Surveillance (NHBS) System & the Medical Monitoring Project (MMP)

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Populations in Which to Monitor HIV-related behaviors

- **General population**
- **At-Risk populations**
- **Infected populations**



National HIV Behavioral Surveillance System (NHBS)

- Monitors prevalence of and trends in:
 - HIV related behaviors
 - Sex
 - Drug use
 - HIV Testing
 - Use of prevention services
- Among:
 - Men who have sex with men (MSM)
 - Injection drug users (IDU)
 - Heterosexuals at risk (HET)

National HIV Behavioral Surveillance System Sites, 2004-2007: 25 cities



NHBS Overall Strategy: Timing

- Conducted in 1 year rotating cycles
- One group per cycle (MSM, IDU, HET)
- Formative research done for each cycle
- Different sampling methods
 1. MSM Cycle – Venue-based, Time-space Sampling
 2. IDU Cycle - Respondent-Driven Sampling
 3. HET Cycle - Two methods used for first cycle (pilot study), Venue-based & Respondent-Driven Sampling
- Same populations and cities over time



NHBS Overall Strategy: Data Collection

- Questionnaire
 - Core component:
 - Behavioral risks for HIV (sex, drugs)
 - HIV testing
 - Exposure to/use of prevention services
 - Local component:
 - Local prevention services
 - Other topics
- Sample size
 - 500 persons/MSA interviewed each cycle



National Behavioral Surveillance System: MSM, November 2003 – April 2005

Characteristic	All MSM No. (%)	Hisp. MSM No. (%)
HIV Testing experiences		
Ever tested for HIV	9,249 (92)	7,057 (77)
Tested for HIV in preceding 12 months	2,462 (92)	1,974 (80)
Sexual Behaviors		
Unprotected anal sex with main male partner in past 12 months	3,429 (58)	968 (56)
Unprotected anal sex with casual male partner in past 12 months	1,999 (36)	491 (33)



National Behavioral Surveillance System: MSM, November 2003 – April 2005 (Cont.)

Characteristic	All MSM No. (%)	Hisp. MSM No. (%)
Drug Use		
Non-injection drug use in the past 12 months	4,322 (43)	1,021 (38)
Use of HIV Prevention Services or Programs in the past 12 months		
Free Condoms	8,035 (80)	2,205 (82)
Individual level intervention	1,505 (15)	510 (19)
Group level intervention	801 (8)	264 (10)



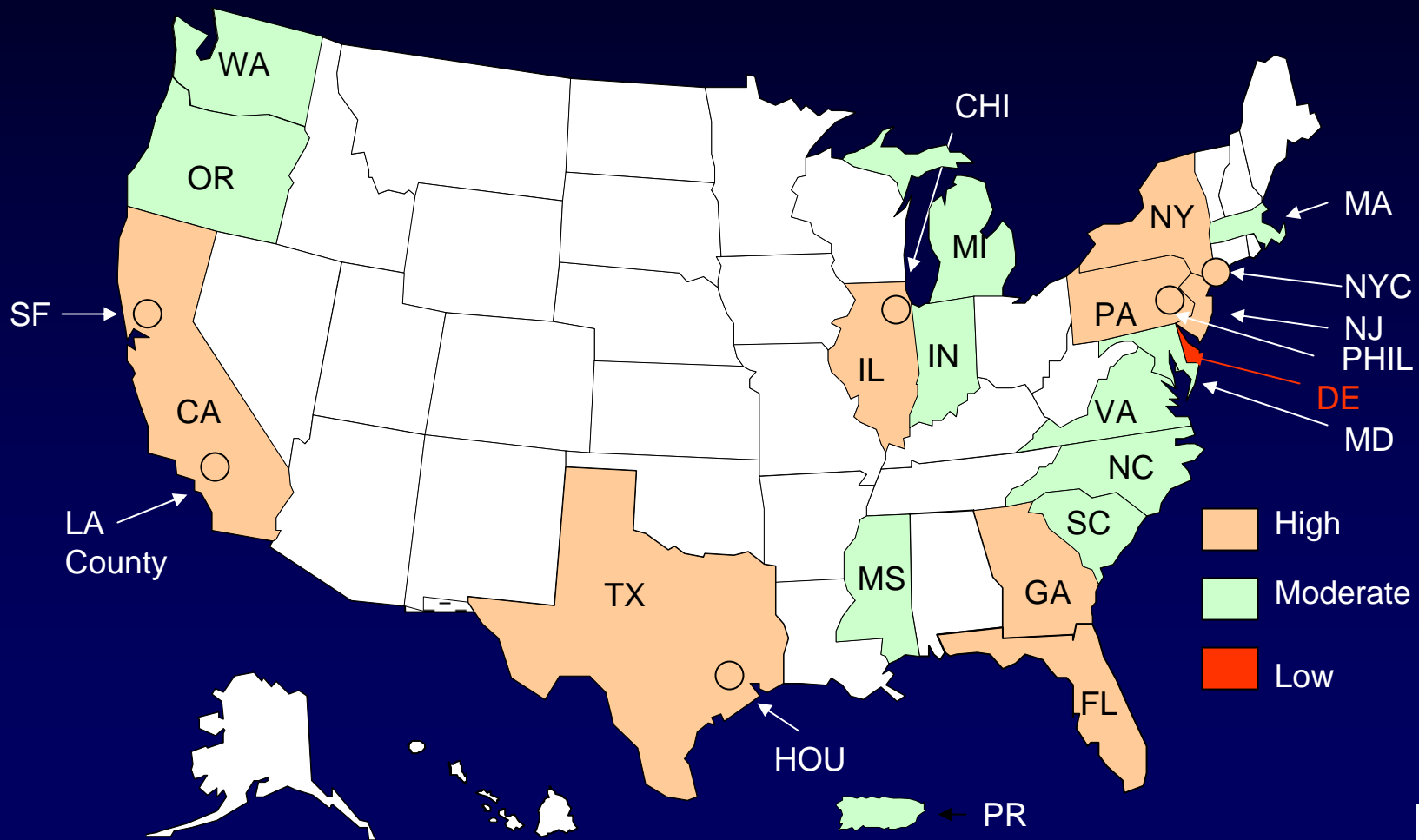
Medical Monitoring Project (MMP)

- Produces locally and nationally representative data on HIV-infected individuals receiving HIV care in the U.S.
- Collects information during yearly cycles
- Standardized protocol
- Data collection instruments include core questionnaire and medical record abstractions
- Data uses:
 - Describes met and unmet needs for HIV care and prevention services
 - Direct future resources for HIV-infected persons

MMP

- Monitors prevalence and trends among HIV-infected individuals receiving HIV care.
- Focuses in the following areas:
 - HIV related care
 - Access and Utilization
 - Adherence to drug regimens
 - HIV Testing
 - HIV related behaviors
 - Sex
 - Drug use
 - Use of prevention services

MMP 2007-2008: 26 Project Areas





MMP Overall Strategy: Timing

- Data collection conducted in yearly cycles
- Interviews & medical record abstractions
- A 3-stage sampling design



MMP: Data Collection

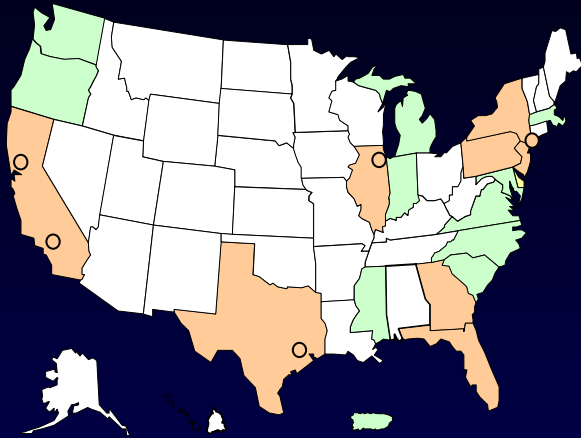
Interview Modules

- Demographics
- Access to Health Care
- Adherence to ART
- HIV Testing
- Sex and Drug Use Behavior
- Access to Prevention Services

Chart Abstraction

- Demographics
- Insurance Status
- Opportunistic Illnesses
- Antiretroviral Therapy
- Laboratory Data
- Substance Abuse
- Mental Health
- Referrals

MMP: Three Stage Sample Design



26 Project Areas



>1,000 Facilities



>10,000 Patients



NHBS & MMP: Uses of the Data

Local

- Epidemiological profiles
- Community planning groups
- Evaluation of local prevention programs & resource needs for treatment and care

National

- CDC HIV Prevention Strategic Plan: Extended Through 2010
- Healthy People 2010

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