

***Medical Monitoring Project (MMP):
A Representative Sample of
HIV-Positive Persons in Care
in L.A. and the U.S.***



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What is MMP?

- **New supplemental surveillance project designed to produce nationally representative data on people living with HIV/AIDS who are receiving care in the United States**
- **Collaborative effort with:**
 - **State and local health departments**
 - **CDC (Centers for Disease Control and Prevention)**
 - **NIH (The National Institutes of Health)**
 - **HRSA (Health Resources and Services Administration)**



Origin of MMP

- **Previous supplemental surveillance projects**
 - SHAS (Supplement to HIV/AIDS Surveillance)
 - ASD (Adult/Adolescent Spectrum of HIV Disease)
- **Not representative of people in the United States living with HIV/AIDS**
- **Both conducted in a limited number of areas**
- **Medical Monitoring Project**
 - Interview and medical record data
 - Representative of HIV-infected people in care



Representative Data

- **Representative = resembles the population**
- **To obtain the most representative data, we would need everyone receiving HIV care in the U.S. to participate**
- **As a compromise, we will give everyone receiving HIV care in the U.S. a *chance* to participate**

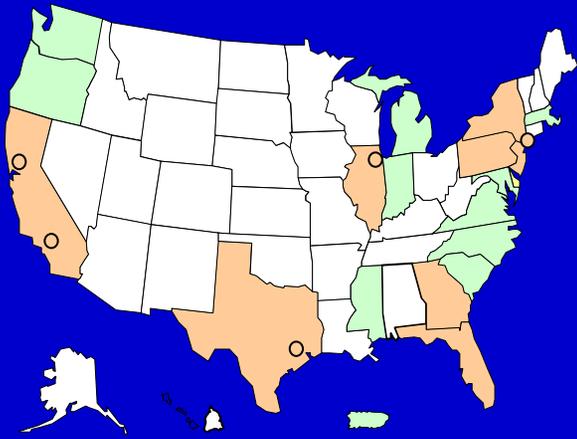


Three Stage Sampling Design

1. National sample of project areas
2. Sample of facilities within each project area
3. Sample of patients within each facility



Three stage sample design



26 Project Areas



>1,000 Facilities

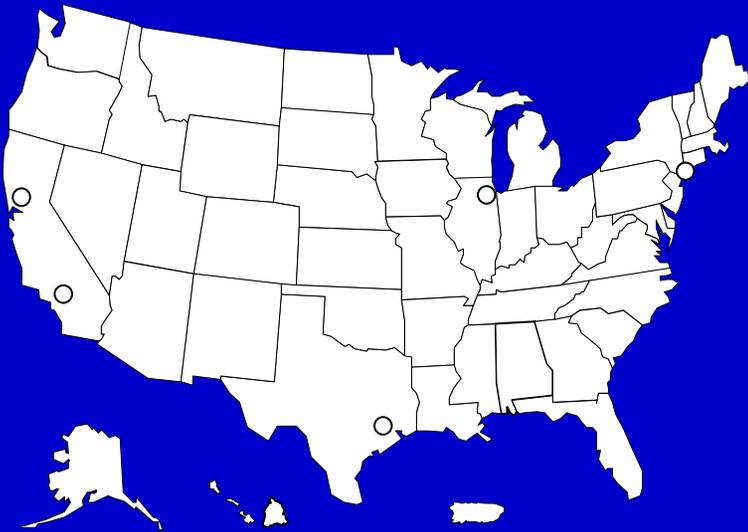


>10,000 Patients



1st Sampling Stage

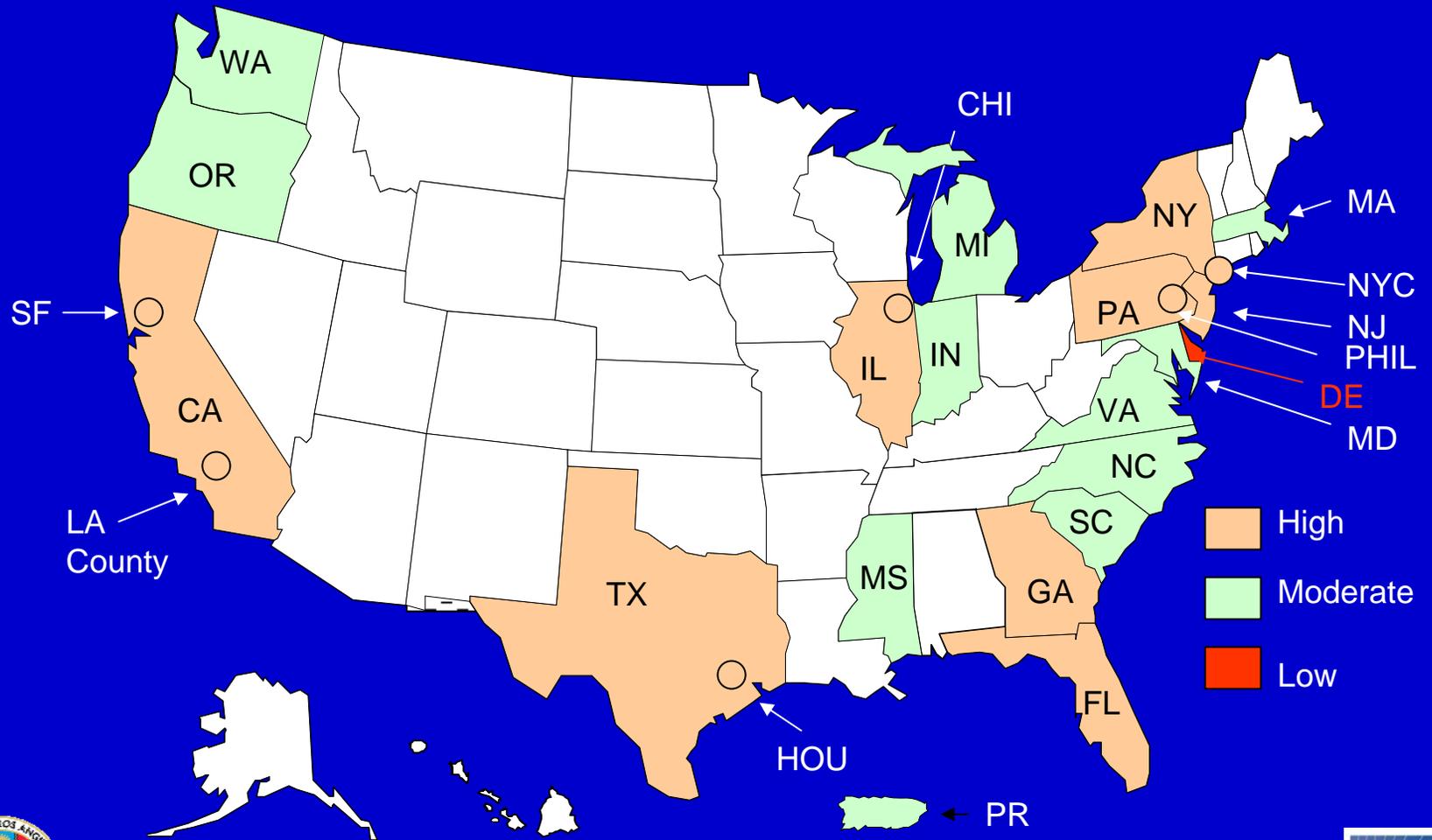
State level



- Every state in the country had a chance of being selected
- Chance of selection was proportional to the number of AIDS cases in December 2002
- 20 areas selected
 - 6 separately funded cities/counties



Sampled Project Areas Medical Monitoring Project



2nd Sampling Stage

Provider level



- Every facility providing HIV care in the sampled state/city/county had a chance of being selected
 - ART, CD4, viral load
- Large, medium and small facilities/clinics/practices
- Public/private; HRSA/non
- ~40-60 facilities per project area



3rd Sampling Stage

Patient level



- Every patient in a sampled facility has a chance of being selected, if
 - ≥ 18 years old
 - HIV+
 - receiving care
- ~400 patients per project area



Data Collection

Interview Modules

- Demographics
- Access to Health Care
- Adherence
- Sexual Behavior
- Drug Use Behavior
- Access to Prevention Services



Data Collection



Chart Abstraction

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



Confidentiality and Security

- **MMP: same rigorous confidentiality and security requirements as other HIV/AIDS surveillance data**
- **Privacy and confidentiality: extremely important and strictly guarded**
- **Names of patients, providers, and clinics: NOT sent to CDC or on any interviews/abstractions**
- **Information on individual patients, providers, clinics: NOT released or used in any reports**
- **Information: only accessible to limited number of staff**



Some Questions MMP Data Can Help to Answer

- Are patients receiving care and treatment in accordance with USPHS guidelines?
- Are patients receiving care in public facilities receiving the same quality of care as patients in private facilities?
- What are the barriers to receiving care and services?
- What behaviors are persons who are HIV-infected engaging in?



Uses of MMP Data

Local

- Ryan White reporting requirements
- Epidemiologic profiles
- Evaluation of local prevention programs
- Evaluation of resource needs for treatment/care
- Information on access to care and prevention services

National

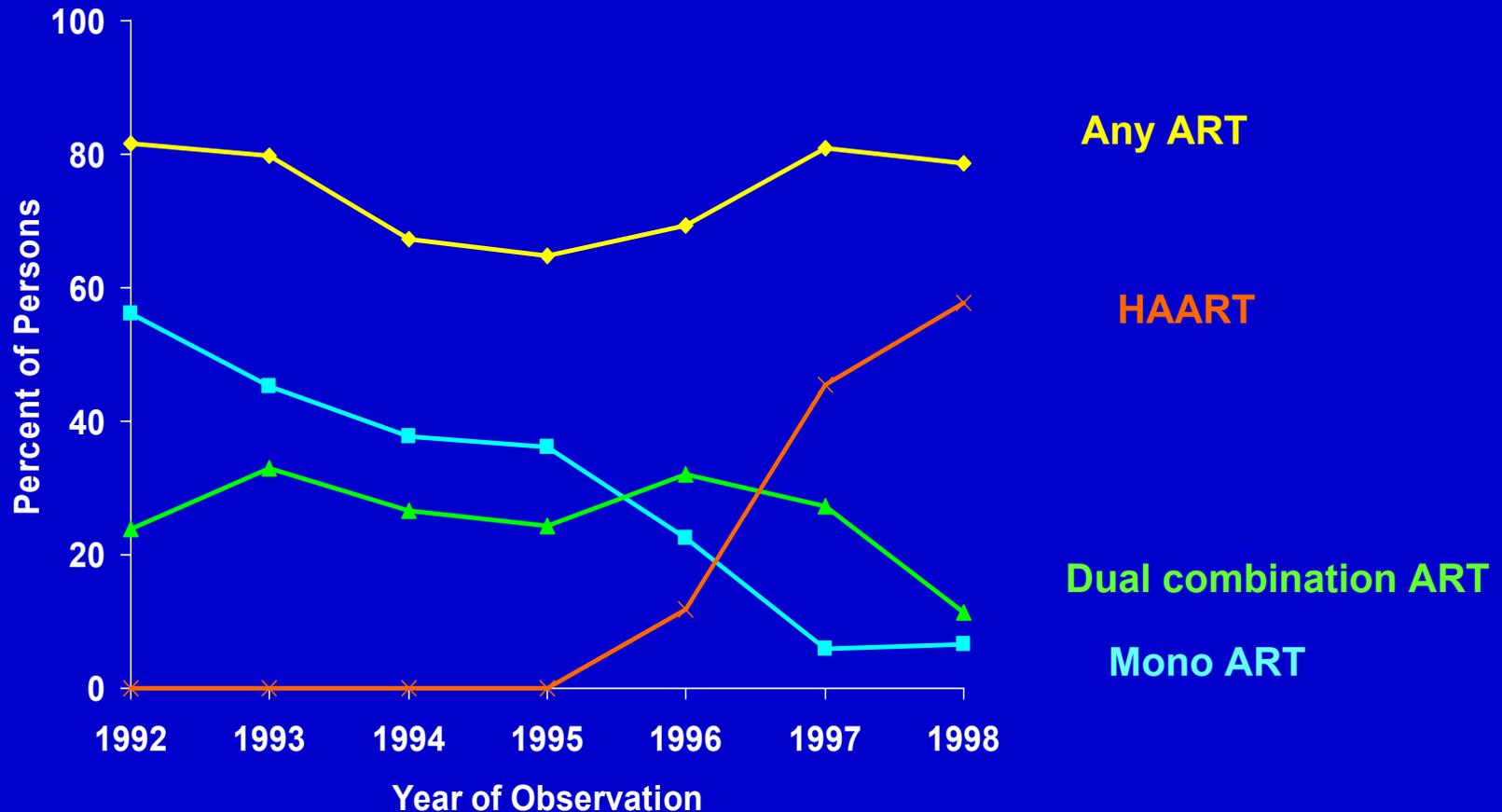
- Healthy People 2010
- Documentation of impact of Ryan White CARE Act-supported care
- Treatment Guidelines
 - Evaluation of compliance
 - Revisions



***Examples of how supplemental
surveillance data have been used
in the past***



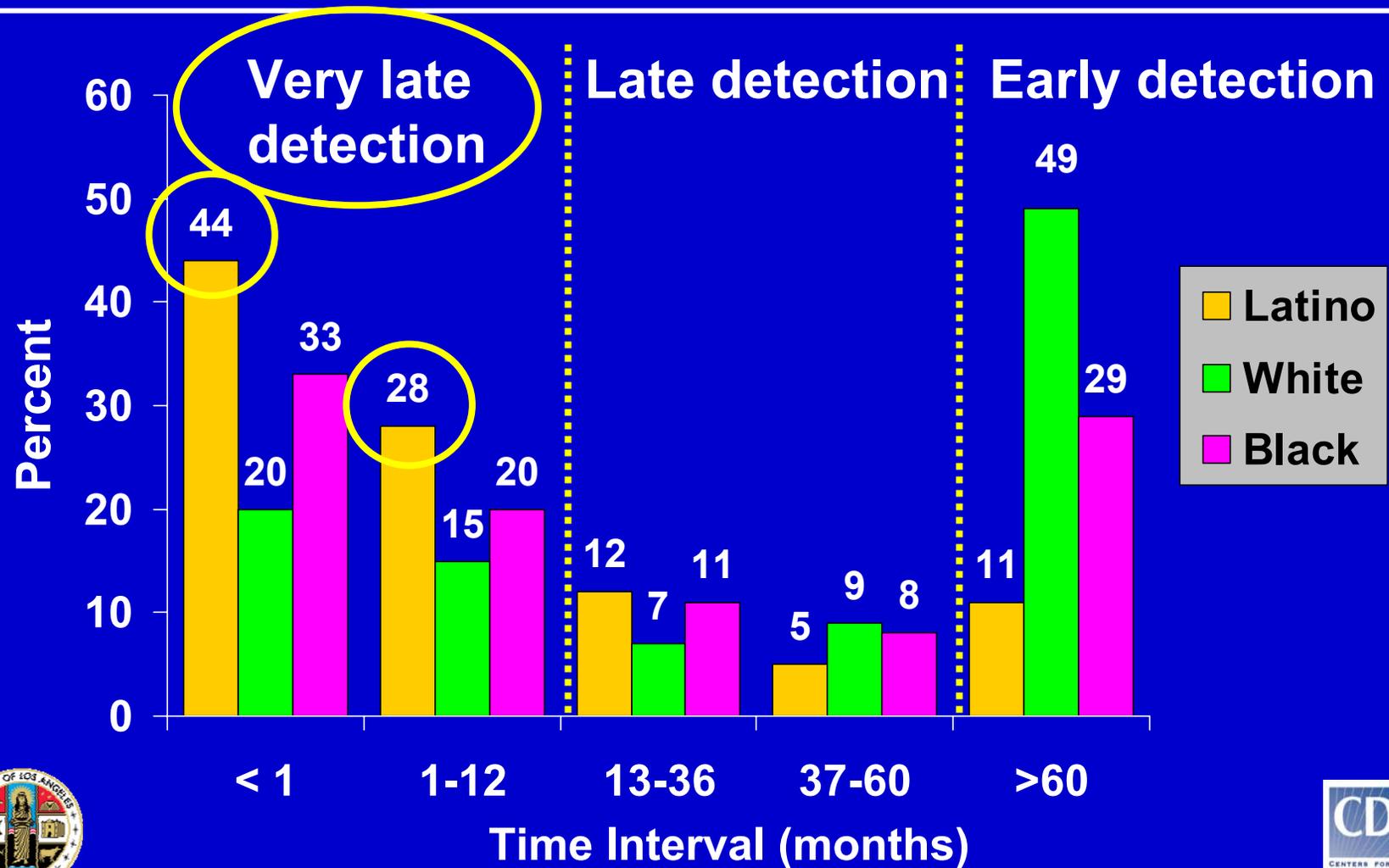
Trends in Prescribed use of Antiretroviral Therapy at CD4 < 500 cells/ μ L



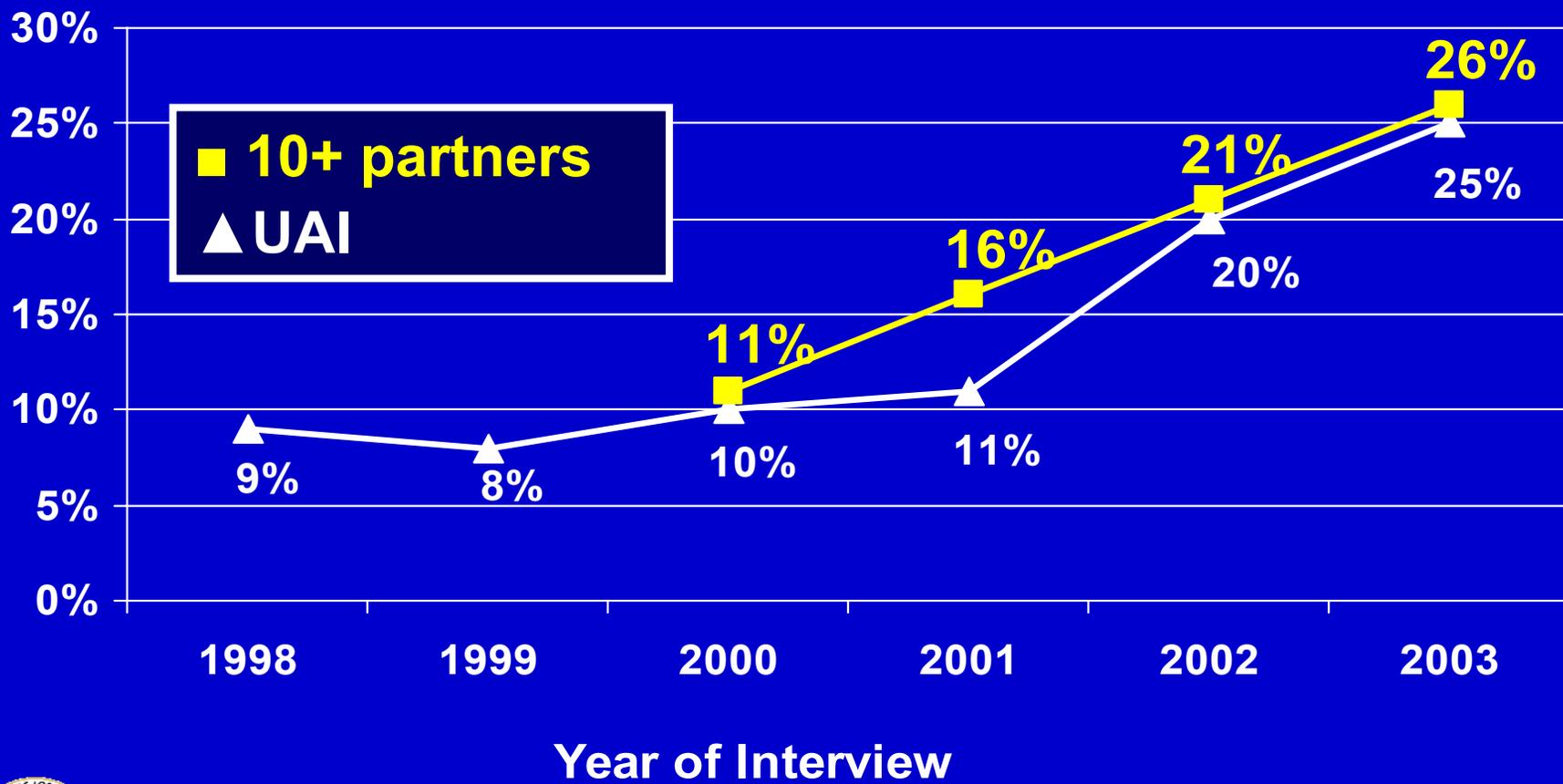
J.E. Kaplan et al. *CID* 2000;30:
S5-S14



Time, in months, between first learned of HIV+ status and AIDS Diagnosis, by Race/Ethnicity SHAS, LAC, 2000 - 2004 (N = 819)



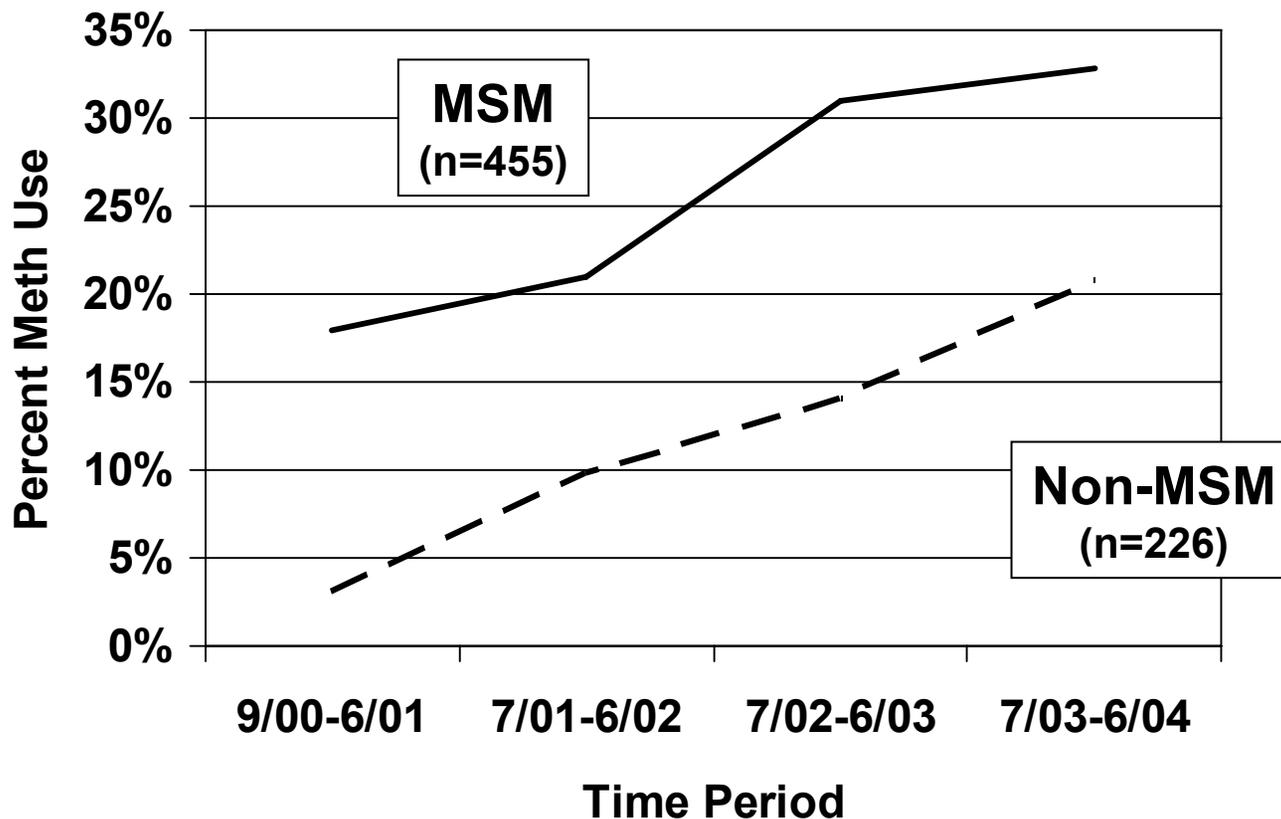
Percent MSM with AIDS Reporting Unprotected Anal Intercourse at Last Sex and 10+ Sexual Partners in Last Year – L.A. SHAS, 1998-2003.



Wohl et al, JAIDS, 2004



Percent MSM^a and non-MSM Living with AIDS Who Report Ever Using Non-Injection Meth^b, by Mid-Year Time Period^c – L.A. SHAS, 9/2000 - 6/2004



^a MSM includes men reporting sex with men in previous 12 months and/or identifying as gay or bisexual

^b Includes Methamphetamine that was snorted, smoked or other non-injection route.

^c All time periods represent 12 months of data, except for the first time period, which has 10 months of data (n=683, including 2 persons not presented here due to missing data).

Wohl et al, JAIDS 2007



Activities and Progress



MMP Data Collection: Yearly Cycles

- **2005 cycle: patients in care in 2005-06**
 - Pilot phase, limited data collection (not representative)
- **2007 cycle: patients in care in 2007-08**
 - Start data collection after May 1, 2007
 - 2007 cycle ends when data collection for 2008 cycle begins
- **2008 cycle: patients in care in 2008-09**
 - Start data collection after May 1, 2008
 - 2008 cycle ends when data collection for 2009 cycle begins



2007 Project Areas

26 project areas funded to collect data for 2007 and 2008 cycles

- California
- Chicago
- Delaware
- Florida
- Georgia
- Houston
- Illinois
- Indiana
- Los Angeles
- Maryland
- Massachusetts
- Michigan
- Mississippi

- Pennsylvania
- New Jersey
- New York
- New York City
- North Carolina
- Oregon
- Philadelphia
- Puerto Rico
- San Francisco
- South Carolina
- Texas
- Virginia
- Washington



LA Medical Monitoring Project (MMP)



2008 LAC Sampled Facilities

- AHF Downtown
- AHF Hollywood
- AHF Westside
- Alta Med
- VA Outpatient Clinic
- Harbor/UCLA
- Infectious Disease Consultants Glendale
- Jeffrey Goodman Clinic
- LAC-USC 5P21 Clinic
- Motion Picture and Television Hospital
- Olive View Medical Center
- Pacific Oaks Medical Grp
- Dr. Kurt Brotherson
- Dr. Edison De Mello/
Akasha Center
- Dr. Jerrold Dreyer
- Dr. Anthony Mills
- Dr. Michael Wensley
- Dr. Ronald Wing
- Tarzana Treatment Center
- UCLA Care Center
- Watts Healthcare Corp



MMP Patient Sample in Los Angeles

- IRB approvals sought and obtained
- 25 LA County facilities were randomly selected to participate in the 2008 cycle (4 ineligible providers)
- Facilities will produce lists of all HIV+ patients seen between January 1- April 30, 2008
- 400 patients will be randomly sampled by CDC from the thousands of patients on de-identified lists from the clinics
- These 400 patients will represent the approximately 30,000 people in care for HIV in LA



MMP Patient Recruitment Procedures

- **Providers are asked to contact patients to describe MMP and encourage participation**
- **Providers ask patients if it is okay if MMP staff contact patient to arrange for MMP interview**
- **MMP staff contact patients and schedule interview**
- **In cases where provider or MMP staff is unable to contact patient by phone, MMP staff attempts to recruit patient at time of clinic appointment with permission of provider**



MMP Patient Recruitment Procedures

- Informed consent obtained from patient
- Interview lasts approximately 45 minutes
- Medical record abstraction conducted
- All participants given \$25 reimbursement for time
- Providers given \$25 for each patient for time involved in helping with recruitment, abstractions



2007 Patient Participation

Completed	174 (44%)
Refused	56 (14%)
Direct Refusal	43
Passive Refusal	13
Ineligible	45 (11%)
Not HIV+	21
Not seen in PDP	21
Language barrier	3
Unavailable/not able to reach	125 (31%)
No response/ no appts/ no-show	54
Non-working phone#	37
Lost to Follow-up at Clinic/Transferred	21
In prison/locked facility	8
Provider non-response	2
Deceased	3

TOTAL

400



MMP Patient Recruitment Challenges

- Patients change providers, leave care, or providers do not have current patient contact info
- Providers are busy
- Many patients are no-shows for clinic appointments



What can you do to help may make MMP a success in LA?

- If you are a provider at one of the MMP facilities, you can encourage your patients to participate in MMP
- If you would like to be on the MMP Patient/Provider Community Advisory Board, please contact Judy Tejero, MMP Project Coordinator, for details at 213-351-8174 or jtejero@ph.lacounty.gov



**Thank you for any support
and ideas that help us interview all
400 MMP patients in order to obtain
valid, useful, representative data on
persons in care for HIV
in Los Angeles!**



MMP - Los Angeles Staff

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