

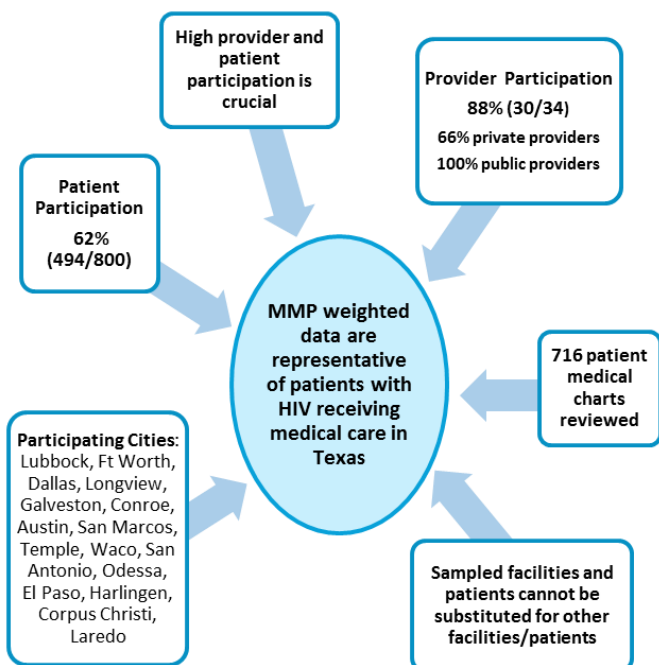
# Medical Care & Experiences of Patients with HIV in Texas

## Texas Medical Monitoring Project (2009-2010 weighted data)

### What is the Medical Monitoring Project (MMP)?

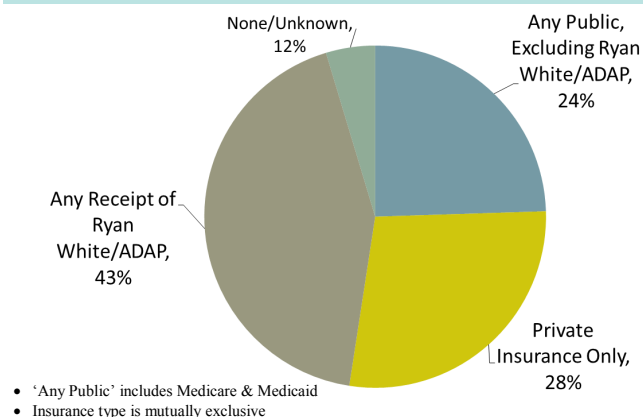
- MMP is an ongoing population-based surveillance system to assess clinical outcomes and behaviors of HIV-infected adults receiving care in the United States.
- Data are collected from patient interview and medical chart review.
- It is currently conducted in 17 states and 6 cities by local and state public health departments in collaboration with the Centers for Disease Control and Prevention (CDC).
- Texas MMP and Houston MMP are separately funded. The data below excludes Houston MMP.

### Who participated in Texas MMP 2009 & 2010?



- The data are weighted for non-response bias to adjust for any significant differences between respondents and non-respondents in the interview.
- The 2009/2010 combined datasets are the first national MMP weighted datasets released to the 23 MMP project areas.

**Figure 1. Health Insurance in the Past 12 Months, TX MMP, 2009-2010 (N=494) - Combined Self Report and Medical Chart Data**



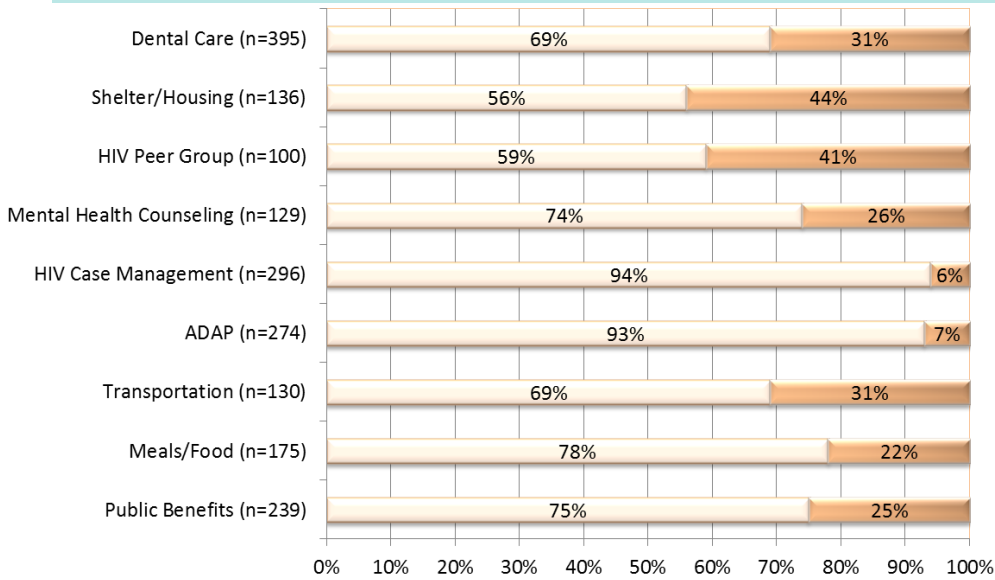
**Figure 2. Patient Demographic Information**

### Race/Ethnicity & Age by Sex, TX MMP, 2009-2010 (N=494)

	Male n=376	Female n=118	Total n=494
White, non-Hispanic	164 (44%)	33 (28%)	197 (40%)
Black, non-Hispanic	76 (20%)	50 (42%)	126 (26%)
Hispanic	124 (33%)	26 (22%)	150 (30%)
Other**	12 (3%)	9 (8%)	21 (4%)
	Male n=376	Female n=118	Total n=494
18-24	12 (3%)	3 (3%)	15 (3%)
25-34	52 (14%)	31 (26%)	83 (17%)
35-44	118 (31%)	36 (31%)	154 (31%)
45-54	133 (36%)	36 (31%)	170 (34%)
55+	61 (16%)	11 (9%)	72 (15%)

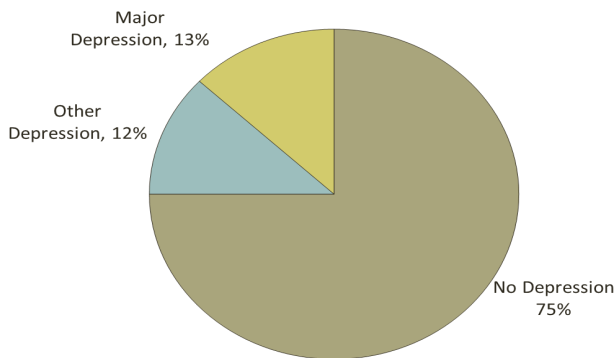
\*\*NOTE: To protect MMP participant confidentiality the CDC restricts reporting of variables where n<3. 'Other' includes categories combined when n<3, such as Asian, Native Hawaiian/Pacific Islander, American Indian and Alaska Native.

**Figure 3. Patient Reported Need and Unmet Need for Services, TX MMP, 2009-2010 (N=494)**



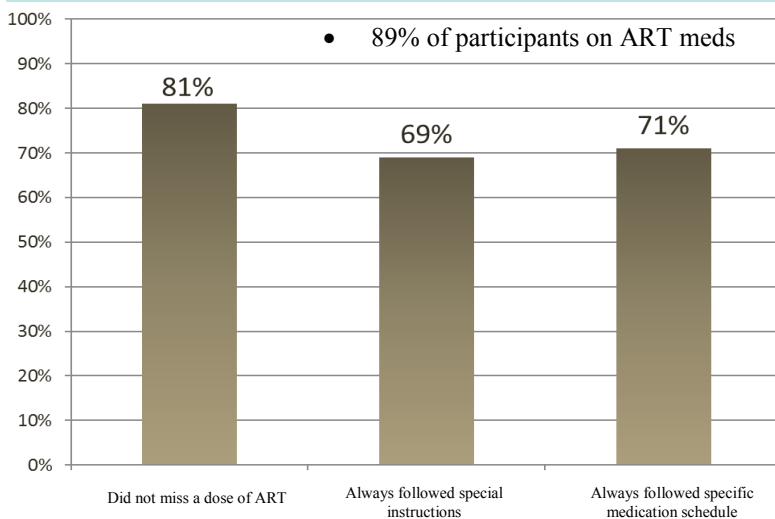
- Dental care was the service most needed among all sampled patients (55%); 31% were not able to get it.
- Shelter/housing (44%) and HIV peer group support services (41%) were the services with the greatest unmet need among patients who needed them.
- For all services, the main reason reported for not receiving needed services was not knowing where to go or who to call.

**Figure 4. Current Depression Assessed by PHQ-8 Depression Scale, TX MMP, 2009-2010 (N=494)**



- The PHQ-8 Questionnaire is a depression scale to measure depression disorders.
- 25% reported some form of depression using Kroenke & Spitzer algorithm to measure depression severity.
- As shown in Figure 3, over a quarter of participants who needed mental health services did not receive them.

**Figure 5. Adherence to ART in the Past 72 Hours, TX MMP, 2009-2010 (N=494)**



- 89% of participants on ART meds

**Unprotected Sex (N=494)**

- 26% had unprotected sex at least once in the past 12 months, most of whom (70%) were 35 years or older.
- Of those who reported unprotected sex, 41% had sex with a partner HIV negative or of unknown status.

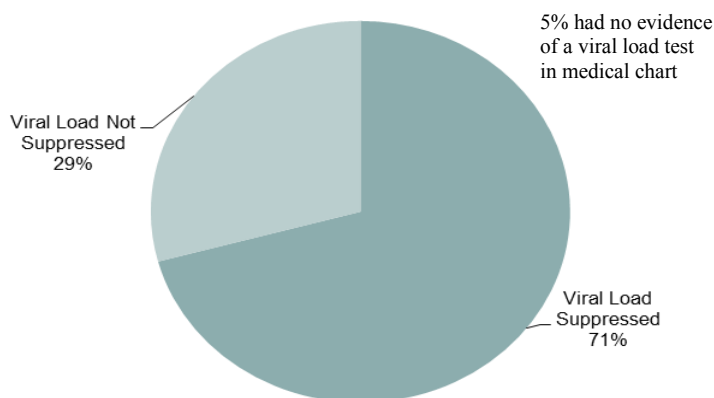
**Figure 6. Received Prevention Counseling Provided by a Health Care Provider, TX MMP, 2009-2010 (N=494)**

Characteristic	# Yes	No. in sample	Weighted %
<b>Age grp. (yrs.)</b>			
18-24	12	15	80%
25-34	43	83	52%
35-44	67	154	44%
45-54	47	170	<b>28%</b>
55+	17	72	<b>24%</b>
<b>Sex</b>			
Male	130	376	35%
Female	56	118	47%
<b>Race/Ethnicity</b>			
White, non-Hispanic	47	197	<b>24%</b>
Black, non-Hispanic	61	126	48%
Hispanic	66	150	44%
Other**	12	21	57%
<b>Sexual Risk Behavior</b>			
Any MSM (MSM only +MSMW)	99	281	35%
MWS only	26	83	31%
WSM (WSM only + WSMS)	54	113	48%
Other	7	17	41%
<b>Total</b>	<b>186</b>	<b>494</b>	<b>38%</b>

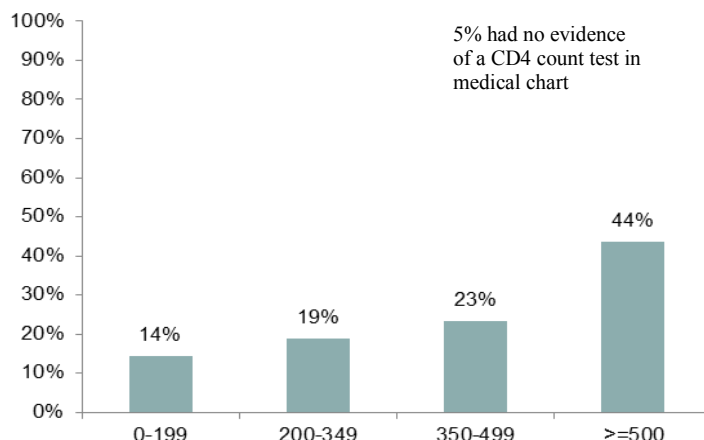
Older participants and those who identify as white, non-Hispanic were significantly less likely to report receiving prevention counseling (p=0.0009 and 0.0002, respectively).

## ROUTINE LAB TESTING AS DOCUMENTED IN PATIENT MEDICAL CHART

**Figure 7. Most Recent Viral Load Result in the Past 12 Months, TX MMP, 2009-2010 (N=716)**



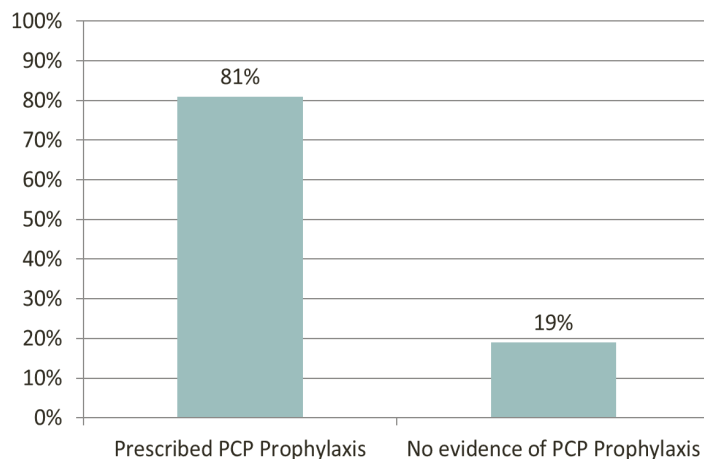
**Figure 10. Most Recent CD4 Count in the Past 12 Months, TX MMP, 2009-2010 (N=716)**



**Figure 8. Co-morbidities in the Past 12 Months, Most Common Diagnoses, TX MMP, 2009-2010 (N=716)**

Condition	# (%)
Hypertension	188 (26%)
Lipid Disorders	162 (24%)
Depression	149 (21%)
Upper Respiratory Infection	79 (11%)
Anxiety Disorder	77 (11%)
Hepatitis, not specified	67 (9%)
Diarrhea, not specified	67 (8%)
Diabetes Mellitus	60 (8%)
GERD (Gastro Esophageal Reflux Disease)	58 (8%)
Asthma	40 (5%)
Neuropathy, peripheral	40 (5%)

**Figure 11. PCP Prophylaxis in the Past 12 Months For Sustained\* CD4 Count <200, TX MMP, 2009-2010 (n=108)**



\*Sustained CD4 count is a count that does not rise above 200 once it has fallen below. Of these patients, 19% were not prescribed PCP prophylaxis, according to medical chart.

**Figure 9. AIDS Opportunistic Infections in the Past 12 Months, Most Common Diagnoses, TX MMP, 2009-2010 (n=66)**

Opportunistic Infection (OI)	# (%)
Wasting syndrome, due to HIV	15 (22%)
Cytomegalovirus disease	11 (17%)
Pneumocystis jiroveci pneumonia (PCP)	11 (17%)
Candidiasis, esophageal	10 (12%)
Mycobacterium avium complex (MAC)	8 (12%)
Histoplasmosis, disseminated	8 (12%)

9% (n=66) of participants were diagnosed with an AIDS OI in the past 12 months.

**Figure 12. Routine Screening in the Past 12 Months, TX MMP, 2009-2010 (N=716)**

Screen Test	# (%)
Syphilis	333 (47%)
Chlamydia	87 (12%)
Gonorrhea	83 (12%)
Hepatitis A	167 (23%)
Hepatitis B	191 (27%)
Hepatitis C	197 (28%)
Anti-Toxoplasma IgG	67 (9%)



### Why should I participate in MMP?

- MMP presents a unique opportunity to contribute to knowledge about HIV care in the U.S.
- Facility specific data request opportunities to supplement grants, reports & other data needs.

#### Texas MMP presentations:

1. 2nd Annual Dallas/Fort Worth Data Summit—Medical Monitoring Project, 04/25/2013
2. Adherence to HIV clinical treatment guidelines among healthcare providers in Texas, 2012 International AIDS Conference
3. Texas 2009 MMP: Antiretroviral data reliability and source agreement, 2012 International AIDS Conference
4. Sexual risk behaviors among persons in medical care for HIV in Texas, 2011 National HIV Prevention Conference

#### Texas MMP Website:

[http://www.dshs.state.tx.us/hivstd/eps\\_mmp/MMP.shtm](http://www.dshs.state.tx.us/hivstd/eps_mmp/MMP.shtm)

#### CDC MMP Website:

<http://www.cdc.gov/hiv/prevention/ongoing/mmp/index.html>

### 2012 Texas MMP Team

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#### Questions about MMP?

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