



Michigan MMP Provider Fact Sheet

based on 2007 MMP interview 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 U.S.
- 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).

What kind of data is collected and how might it be of interest to my practice?

- The following provides a few examples of the type of data collected:

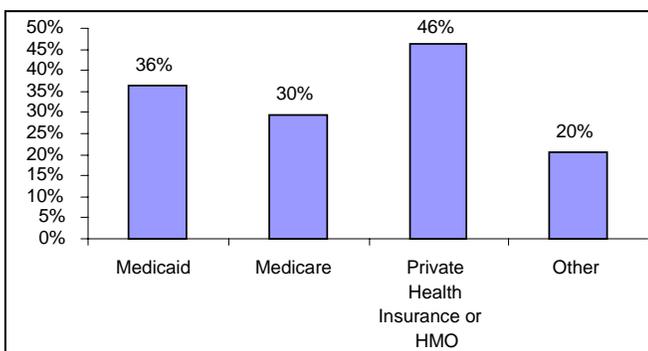
Patient Demographic Information

| | Race/Ethnicity | | |
|---------------------|------------------------|-------------------------|------------------|
| | Male (n=115) 78% | Female (n=33) 22% | Total (n=148) |
| White, non-Hispanic | 55 (48%) | 8 (24%) | 63 (43%) |
| Black, non-Hispanic | 47 (41%) | 22 (67) | 69 (46%) |
| Hispanic | 4 (3%) | 0 (0%) | 4 (3%) |
| Other | 9 (8%) | 3 (9%) | 12 (8%) |

"Other" racial group includes Asian, American Indian, Alaskan Native and Multiracial

| | Age at the Time of Interview | | |
|-------|------------------------------|-------------------------|------------------|
| | Male (n=115) 78% | Female (n=33) 22% | Total (n=148) |
| 18-24 | 1 (1%) | 2 (7%) | 3 (2%) |
| 25-34 | 8 (7%) | 5 (15%) | 13 (9%) |
| 35-44 | 42 (36%) | 10 (30%) | 52 (35%) |
| 45-54 | 34 (30%) | 12 (36%) | 46 (31%) |
| 55+ | 30 (26%) | 4 (12%) | 34 (23%) |

Medical Coverage in the Last 12 Months*

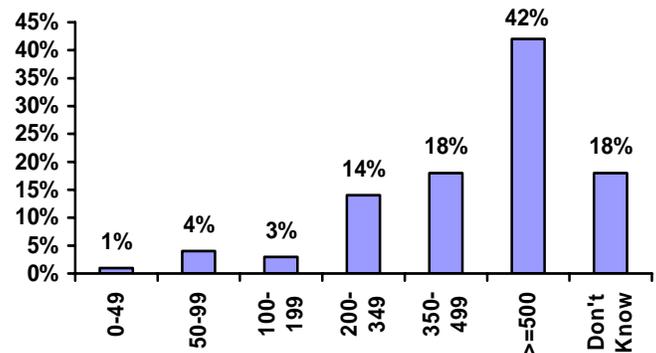


*Categories are not mutually exclusive

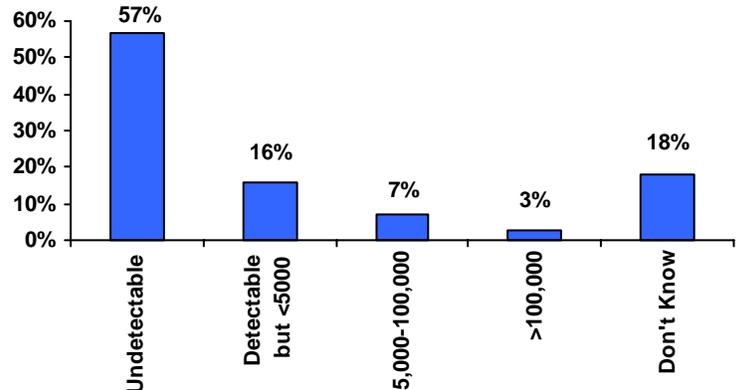
Clinical Outcomes

The median number of CD4 counts and viral load tests for the 2007 MMP interview participants in the 12 months prior to the interview was 4. This meets the recommended treatment guidelines. Every participant had at least 1 CD4 and viral load and no one had more than 8.

Most Recent CD4 T Lymphocyte Count in the Last 12 Months



Most Recent Viral Load Test in the Last 12 Months



Time between HIV Diagnosis and Entry into HIV Care

| | Male (n=113) No. (%) | Female (n=33) No. (%) | Total (n=148) |
|--------------------------------|----------------------------|-----------------------------|---------------|
| Less than or equal to 3 months | 72 (64%) | 21 (64%) | 93 (63%) |
| Between 3 and 12 months | 10 (9%) | 2 (6%) | 12 (8%) |
| Greater than 12 months | 6 (5%) | 2 (6%) | 8 (5%) |
| Unknown | 25 (22%) | 8 (24%) | 35 (24%) |

Antiretroviral Therapy Use in the 12 Months Prior to Interview

| | Male (n=107) 80% | Female (n=27) 20% | Total (n=134) |
|-----|---------------------|----------------------|---------------|
| No | 5 (5%) | 4 (15%) | 9 (7%) |
| Yes | 102 (95%) | 23 (85%) | 125 (93%) |

Sexual Behavior Among Those Who Had Sex in the 12 Months Prior to Interview

Number of Sex Partners in the 12 Months Prior to Interview*

| | MSM (n=51) | MSW (n=23) | WSM (n=19) |
|-------------|------------|------------|------------|
| One | 23 (45%) | 18 (78%) | 18 (95%) |
| Two or more | 28 (55%) | 5 (22%) | 1 (5%) |

*Men who have sex with men (MSM), men who have sex with women (MSW), women who have sex with men (WSM); note that these MSM and MSW are not mutually exclusive categories

Reported Unprotected Vaginal or Anal Sex with at least 1 Partner in the 12 Months Prior to Interview*

| | MSM(n=51) | MSW(n=23) | WSM(n=19) |
|-----|-----------|-----------|-----------|
| No | 33 (65%) | 18 (78%) | 7 (37%) |
| Yes | 18 (35%) | 5 (22%) | 12 (63%) |

Substance Use

Injection Drug use in the 12 Months Prior to Interview

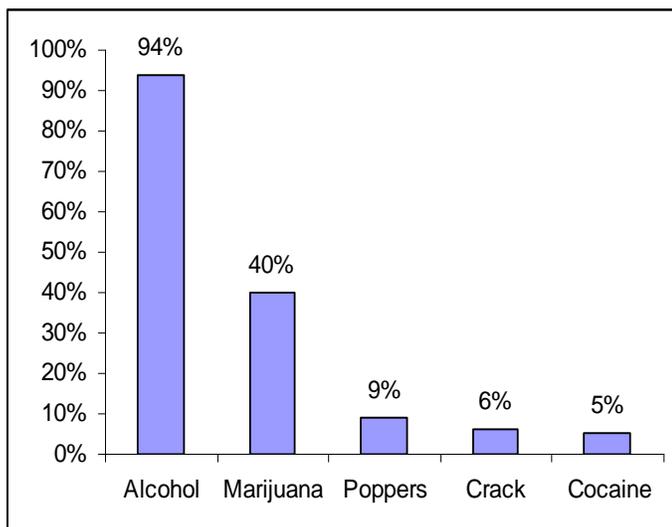
| | Male (n=115) 78% | Female (n=33) 22% | Total (n=148) |
|-----|---------------------|----------------------|---------------|
| No | 114 (99%) | 33 (100%) | 147 (99%) |
| Yes | 1 (1%) | 0 (0%) | 1 (1%) |

Non-Injection Drug use in the 12 Months Prior to Interview*

| | Male (n=115) 78% | Female (n=33) 22% | Total (n=148) |
|-----|---------------------|----------------------|---------------|
| No | 36 (31%) | 14 (42%) | 50 (34%) |
| Yes | 79 (69%) | 19 (58%) | 98 (66%) |

*Including alcohol

Top 5 Commonly Used Non-Injection Drugs (Including Alcohol)*



*Participants can select more than 1 drug

Unmet Needs for Ancillary Services

Most Frequently Reported Unmet Needs in the 12 Months Prior to Interview

| | Needed (N=148) | Received |
|------------------------------------|-------------------|----------|
| HIV Case Management | 63 (43%) | 51 (81%) |
| Social Services | 58 (39%) | 47 (81%) |
| Mental Health Counseling | 44 (30%) | 37 (84%) |
| Dental Services | 44 (30%) | 32 (73%) |
| Transportation Assistance Services | 41 (28%) | 33 (80%) |

Why should I participate in MMP?

- The answers provided by MMP may be used by HIV prevention planning groups, clinicians, Ryan White consortia, and policy leaders to help advocate for additional resources.
- MMP presents a unique opportunity to contribute to knowledge about HIV care in the U.S.
- MMP's true success depends upon the participation of HIV care providers like you.

Limitations

- Because response rates were lower than anticipated, the data presented here are not locally representative and the results may not be generalizable.

Questions about MMP?

- If you are interested in learning more about MMP or have any questions, please contact:

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