The Medical Monitoring Project (MMP)

- MMP is a surveillance system funded by the Centers for Disease Control and Prevention and implemented by local health departments. It collects behavioral and medical data about HIV-positive adults receiving medical care in the United States.
- From 2009 to 2014, MMP interviewed 939 HIV-positive adults receiving care in Michigan. Their responses reflect their experiences during the 12 months before their interview, unless otherwise noted. All data presented are weighted.
- The information in this factsheet can guide policy decisions, resource allocation, and evaluation of treatment and prevention initiatives.

Characteristics of HIV-Positive Adults in Care in Michigan, 2009-2014

- 76% were male and 22% were female
- 51% were men who have sex with men
- 57% were black/African-American, 5% were Hispanic or Latino, and 33% were white
- 26% had been diagnosed with HIV less than 5 years at the time of their interview
- 36% had private insurance, 48% public insurance only, and 10% had Ryan White coverage only
- 44% had a household income at or below the poverty line
- 9% experienced homelessness

HIV Treatment and Prevention Measures among HIV-Positive Adults in Care in Michigan, Medical Monitoring Project (MMP), 2009-2014*

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Prescription of ART&lt;sup&gt;1,2&lt;/sup&gt; (%)</th>
<th>ART Dose Adherence&lt;sup&gt;3&lt;/sup&gt; (%)</th>
<th>Sustained Viral Suppression&lt;sup&gt;4,5&lt;/sup&gt; (%)</th>
<th>Receipt of Condoms&lt;sup&gt;6&lt;/sup&gt; (%)</th>
<th>HIV Prevention Counseling&lt;sup&gt;7&lt;/sup&gt; (%)</th>
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<tbody>
<tr>
<td>Total</td>
<td>92</td>
<td>81</td>
<td>69</td>
<td>46</td>
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<tr>
<td>≥50 years</td>
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<td>82</td>
<td>79</td>
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<td>92</td>
<td>75</td>
<td>63</td>
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<td>38</td>
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</tbody>
</table>

*All data are from the past 12 months unless specified otherwise; <sup>1</sup>Antiretroviral therapy; <sup>2</sup>Documented in the medical record; <sup>3</sup>Self-reported; <sup>4</sup> Past three days; <sup>5</sup>All viral loads in past 12 months undetectable or <200 copies/ml; <sup>6</sup>Received free condoms, not counting those given by a friend, relative, or sex partner; <sup>7</sup>Given by a healthcare provider; <sup>8</sup>Men who have sex with men; <sup>9</sup>Men who have sex with women only; <sup>10</sup>Women who have sex with men
Binge drinking is defined for men as 5 or more drinks in a sitting in the past 30 days and for women as 4 or more drinks in a sitting in the past 30 days.

- 46% were tested for syphilis
- 32% were tested for gonorrhea
- 31% were tested for chlamydia
- 83% received an influenza vaccine

**Met and Unmet Needs for Services among HIV-Positive Adults in Care in Michigan, Medical Monitoring Project, 2009 – 2014**

**Services with the largest unmet need**
1. Dental care
2. Eye or vision care
3. Food or nutrition
4. Public Benefits
5. Transportation assistance

**Weighted Population Percent**
- Unmet need for service
- Received service

*Eye or vision care data only available in 2013 and 2014

**Substance Use**
- 49% were current smokers
- 21% engaged in binge drinking

**STD Testing Among Sexually Active Persons in the Past 12 Months**
- 46% were tested for syphilis
- 32% were tested for gonorrhea
- 31% were tested for chlamydia

**Influenza Vaccination in the Past 12 Months**
- 83% received an influenza vaccine

**Behavioral and Clinical Characteristics**

**Sexual Behavior in the Past 12 Months among HIV-Positive Adults in Care in Michigan, Medical Monitoring Project, 2009-2014**

- 63% Any Sex
- 71% Condomless Sex
- 57% Condomless Sex with Partner of Negative or Unknown HIV Status

**Notes:** any sex = any oral, anal, or vaginal sex from 2009 to 2013, but in 2014 oral sex was excluded; condomless sex = vaginal or anal sex without a condom; condomless sex with HIV-negative or unknown-status partner = engaged in condomless sex with an HIV-negative partner or a partner whose status was unknown; all sexual behavior information is self-reported.

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**Questions? Contact us:**
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**Documentation of MMP methods can be found here:**
http://www.cdc.gov/hiv/pdf/HSSR_MMP_2010-PDF01.pdf