HIV INCIDENCE, PREVALENCE, AND UNDIAGNOSED INFECTIONS IN MEN WHO HAVE SEX WITH MEN
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Abstract 30


Estimated HIV Incidence Among Persons Aged ≥13 Years, by Transmission Categorya, United States, 2008-2014

- Total
- Male-to-male sexual contact (MSM)
- Heterosexual contact
- Injection drug use (IDU)
- MSM/IDU

Note: Data include persons with diagnosis of HIV infection regardless of stage of disease at diagnosis.
a. Adjusted for missing risk factor information. Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.
b. Estimated annual percentage change is different from zero at the 5% significant level.

## Estimated HIV Prevalence and Percentages with Undiagnosed Infection

<table>
<thead>
<tr>
<th>Transmission Category</th>
<th>No.</th>
<th>95% CI</th>
<th>%</th>
<th>95% CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>1,107,700</td>
<td>(1,088,500, 1,127,000)</td>
<td>15.0</td>
<td>(14.3, 15.7)</td>
</tr>
<tr>
<td>Male-to-Male Sexual Contact</td>
<td>615,400</td>
<td>(600,900, 629,900)</td>
<td>17.3</td>
<td>(16.3, 18.4)</td>
</tr>
<tr>
<td>Injection Drug Use</td>
<td>139,700</td>
<td>(133,300, 146,100)</td>
<td>6.4</td>
<td>(4.4, 8.4)</td>
</tr>
<tr>
<td>Male-to-Male Sexual Contact and Injection Drug Use</td>
<td>56,600</td>
<td>(52,900, 60,200)</td>
<td>7.4</td>
<td>(4.5, 10.3)</td>
</tr>
<tr>
<td>Heterosexual Contact</td>
<td>296,100</td>
<td>(286,300, 306,000)</td>
<td>15.6</td>
<td>(14.2, 17.0)</td>
</tr>
</tbody>
</table>


## HIV Incidence in US: 2008-2014

### Estimated HIV Incidence Among Men Who Have Sex with Men, Aged 13 Years, by Age, United States, 2008-2014

<table>
<thead>
<tr>
<th>Age (years)</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-24</td>
<td>-3.2</td>
<td>-3.1</td>
<td>-3.2</td>
<td>-3.1</td>
<td>-3.2</td>
<td>-3.1</td>
<td>-3.1</td>
</tr>
<tr>
<td>25-34</td>
<td>-5.5</td>
<td>-7.5</td>
<td>-6.2</td>
<td>-5.5</td>
<td>-5.5</td>
<td>-5.5</td>
<td>-5.5</td>
</tr>
<tr>
<td>35-44</td>
<td>-1.2</td>
<td>-3.6</td>
<td>-1.3</td>
<td>-1.3</td>
<td>-1.3</td>
<td>-1.3</td>
<td>-1.3</td>
</tr>
<tr>
<td>45-54</td>
<td>4.8</td>
<td>6.8</td>
<td>6.8</td>
<td>6.8</td>
<td>6.8</td>
<td>6.8</td>
<td>6.8</td>
</tr>
<tr>
<td>≥55</td>
<td>3.7</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
</tr>
</tbody>
</table>

Note: Data include persons with diagnosis of HIV infection regardless of stage of disease at diagnosis. Age is in years.

- Estimated annual percentage change is different from zero at the 5% significant level.
- Adjusted for missing risk factor information.

Estimated Percent of MSM with Undiagnosed Infection by Age

Note: Data include persons with diagnosis of HIV infection regardless of stage of disease at diagnosis. Age is in years.

- Adjusted for missing risk factor information.
- Estimated annual percentage change is different from zero at the 5% significant level.


Note: Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis.

- Adjusted for missing risk factor information.
- Hispanics/Latinos can be of any race.
- Estimated annual percentage change is different from zero at the 5% significant level.

Conclusions

- Overall the incidence of HIV infection in the US is declining
- Infection among MSM is stagnant
- Infections among MSM is rising among individuals 25-34 (and in those ≥55)
- Infections are increasing among Latino MSM, while declining in Black and White MSM
- The proportion of infected individuals with undiagnosed HIV infection are generally declining but are still high among young MSM

Note: Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis.
- Adjusted for missing risk factor information.
- Hispanics/Latinos can be of any race.
- Estimated annual percentage change is different from zero at the 5% significant level.