Sexually Transmitted Diseases Monthly Report for Nashville/Davidson County

Summary of Reported Cases November 2012

Note: Data are provisional as of February 22, 2013. Percentages are rounded to the nearest whole number.

There were 520 cases of chlamydia, gonorrhea and syphilis* reported; which is the same as November 2012. 65% of chlamydia cases and 49% of gonorrhea cases were among persons ages 15-24 years. The median age of reported syphilis* cases was 35 years. 76% of chlamydia and primary and secondary syphilis cases were diagnosed by Private MD/HMO; 21% of gonorrhea cases were diagnosed in STD clinics.

For the Year to Date (November 2012), 3.4% of persons reported with an STD were co-infected with HIV. 71% were diagnosed with HIV/AIDS at least 1 year prior to current STD exposure, and 7% were concurrently diagnosed.

MPHD STD/HIV Program Data: November 2012

908 patients made 917 visits, receiving an average of 4.8 (median of 5.0) services per visit in the STD Clinic. There were 4,542 procedures for these clients. We diagnosed 65 chlamydia cases, 22 gonorrhea cases, and 7 syphilis* cases (3 primary & secondary, 0 early latent, 4 latent & late latent).

93 patients received services through STD Outreach. There were 388 procedures for these clients. We diagnosed 0 chlamydia, 0 gonorrhea, and 0 syphilis cases.

355 people received 718 services at the jail.

We conducted 512 RPRs (syphilis tests), 412 HIV tests, and 570 GenProbes (tests for chlamydia and gonorrhea).

* Not including congenital and neurosyphilis cases.

MPHD HIV Testing Summary

<table>
<thead>
<tr>
<th></th>
<th>Number Tested</th>
<th>Number Newly Reported Positives</th>
<th>Number Tested</th>
<th>Number Newly Reported Positives</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>412</td>
<td>5</td>
<td>Hispanic</td>
<td>12</td>
</tr>
<tr>
<td>Male</td>
<td>297</td>
<td>3</td>
<td>NH Black</td>
<td>174</td>
</tr>
<tr>
<td>Female</td>
<td>115</td>
<td>2</td>
<td>NH White</td>
<td>225</td>
</tr>
<tr>
<td>Transgender</td>
<td>0</td>
<td>0</td>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td>Native American</td>
<td>0</td>
<td>0</td>
<td>Unknown</td>
<td>0</td>
</tr>
<tr>
<td>NH Asian/Pacific Islander</td>
<td>1</td>
<td>0</td>
<td>Local sero-positive rate</td>
<td>1.2%</td>
</tr>
</tbody>
</table>
Reported STD Morbidity, 2012 Davidson County, TN November 1-November 30

<table>
<thead>
<tr>
<th>Disease</th>
<th>November 2012</th>
<th>November 2011</th>
<th>Percent change</th>
<th>Year to Date 2012</th>
<th>Year to Date 2011</th>
<th>Percent change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia</td>
<td>387</td>
<td>292</td>
<td>3.3%</td>
<td>3,543</td>
<td>3,746</td>
<td>-8.6%</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td>112</td>
<td>105</td>
<td>6.6%</td>
<td>1,222</td>
<td>1,142</td>
<td>7.0%</td>
</tr>
<tr>
<td>Syphilis, Total</td>
<td>21</td>
<td>14</td>
<td>50%</td>
<td>212</td>
<td>157</td>
<td>31.9%</td>
</tr>
<tr>
<td>Early Syphilis</td>
<td>8</td>
<td>6</td>
<td>37.5%</td>
<td>111</td>
<td>85</td>
<td>24.1%</td>
</tr>
<tr>
<td>Syphilis, P&amp;S</td>
<td>6</td>
<td>6</td>
<td>33.3%</td>
<td>74</td>
<td>59</td>
<td>26.4%</td>
</tr>
<tr>
<td>Syphilis, Early Latent</td>
<td>2</td>
<td>0</td>
<td>100.0%</td>
<td>37</td>
<td>26</td>
<td>34.6%</td>
</tr>
<tr>
<td>Latent &amp; LL¹</td>
<td>13</td>
<td>8</td>
<td>62.5%</td>
<td>101</td>
<td>72</td>
<td>32.8%</td>
</tr>
<tr>
<td>Congenital &amp; Neurosyphilis²</td>
<td>0</td>
<td>0</td>
<td>0.0%</td>
<td>3</td>
<td>1</td>
<td>200.0%</td>
</tr>
<tr>
<td>Total Reported</td>
<td>520</td>
<td>411</td>
<td>26.5%</td>
<td>4,977</td>
<td>5,045</td>
<td>-1.3%</td>
</tr>
</tbody>
</table>

Note: Data are subject to change due to updates and upon validation by the Tennessee Department of Health.


1. Including Latent syphilis (of unknown duration), and Late Latent syphilis.
2. Including congenital syphilis, neurosyphilis, and late syphilis with symptomatic manifestations.

Yearly Case Count of Primary & Secondary Syphilis Cases, Davidson County, TN: 1998-2011

![Yearly Case Count Graph](image-url)
### Reported Sexually Transmitted Diseases, Davidson County, TN 2001-2011

<table>
<thead>
<tr>
<th>Year</th>
<th>Chlamydia</th>
<th>Gonorrhea</th>
<th>Syphilis</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
<td>Rate</td>
<td>No.</td>
</tr>
<tr>
<td>2001</td>
<td>2,086</td>
<td>365.2</td>
<td>1,625</td>
</tr>
<tr>
<td>2002</td>
<td>2,157</td>
<td>379.1</td>
<td>1,409</td>
</tr>
<tr>
<td>2003</td>
<td>2,653</td>
<td>466.2</td>
<td>1,492</td>
</tr>
<tr>
<td>2004</td>
<td>2,664</td>
<td>466.4</td>
<td>1,221</td>
</tr>
<tr>
<td>2005</td>
<td>2,819</td>
<td>490.8</td>
<td>1,116</td>
</tr>
<tr>
<td>2006</td>
<td>2,978</td>
<td>514.6</td>
<td>1,311</td>
</tr>
<tr>
<td>2007</td>
<td>3,038</td>
<td>521.5</td>
<td>1,290</td>
</tr>
<tr>
<td>2008</td>
<td>3,526</td>
<td>561.3</td>
<td>1,124</td>
</tr>
<tr>
<td>2009</td>
<td>3,569</td>
<td>561.4</td>
<td>847</td>
</tr>
<tr>
<td>2010</td>
<td>3,471</td>
<td>559.3</td>
<td>960</td>
</tr>
<tr>
<td>2011</td>
<td>4,019</td>
<td>647.6</td>
<td>1,235</td>
</tr>
</tbody>
</table>


Rates per 100,000 population.

### Primary & Secondary Syphilis Cases in the Last 12 Months

<table>
<thead>
<tr>
<th>Month</th>
<th>Number of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec</td>
<td>11</td>
</tr>
<tr>
<td>Jan</td>
<td>13</td>
</tr>
<tr>
<td>Feb</td>
<td>9</td>
</tr>
<tr>
<td>Mar</td>
<td>11</td>
</tr>
<tr>
<td>Apr</td>
<td>7</td>
</tr>
<tr>
<td>May</td>
<td>10</td>
</tr>
<tr>
<td>Jun</td>
<td>8</td>
</tr>
<tr>
<td>Jul</td>
<td>6</td>
</tr>
<tr>
<td>Aug</td>
<td>10</td>
</tr>
<tr>
<td>Sep</td>
<td>12</td>
</tr>
<tr>
<td>Oct</td>
<td>7</td>
</tr>
<tr>
<td>Nov</td>
<td>6</td>
</tr>
</tbody>
</table>

Note: Each range between lower limit and upper limit is calculated based on formula: Mean ± 1.5 SD. Mean is average of number of P & S syphilis cases reported in the same months for previous 4 years (48 months), not including past 12 months, and SD is standard deviation.
The STD/HIV clinic at Metro Public Health Department is located at:

Room 116
Lentz Public Health Center
311 23rd Avenue North
Nashville, TN 37203
(615) 340-5647

Clinic Hours
Monday-Friday
8:00 AM – 4:30 PM, patient cut-off: 3:30 PM,
Walk-in service is provided.

The cost for:
STD examination and treatment is $10;
HIV and syphilis tests are free;
All services for Youth aged 13-17 years are free.

All services are confidential.

Do You Know? ——— How is HIV passed from one person to another?

HIV can be detected in several fluids and tissue of a person living with HIV. It is important to understand however, that finding a small amount of HIV in a body fluid or tissue does not mean that HIV is transmitted by that body fluid or tissue. Only specific fluids (blood, semen, vaginal secretions, and breast milk) from an HIV-infected person can transmit HIV. These specific fluids must come in contact with a mucous membrane or damaged tissue or be directly injected into the blood-stream (from a needle or syringe) for transmission to possibly occur.

(Centers for Disease Control and Prevention)