Number of chlamydia, gonorrhoea, unspecified hepatitis B & unspecified hepatitis C notifications in WA by time period

**Infection**
- Chlamydia: Comparable
- Gonorrhoea: 56% increase
- Hepatitis B (Unsp.): Comparable
- Hepatitis C (Unsp.): 11% increase

**Time period comparison**
- 5 year mean
  - Chlamydia: Comparable
  - Gonorrhoea: 56% increase
  - Hepatitis B (Unsp.): Comparable
  - Hepatitis C (Unsp.): 11% increase

- Previous 12 month period
  - Chlamydia: Comparable
  - Gonorrhoea: 16% increase
  - Hepatitis B (Unsp.): 12% decrease
  - Hepatitis C (Unsp.): 11% increase
Number of infectious syphilis, newly acquired hepatitis B & newly acquired hepatitis C notifications in WA by time period

<table>
<thead>
<tr>
<th>Infection</th>
<th>5 year mean</th>
<th>Previous 12 month period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infectious syphilis</td>
<td>2-fold increase</td>
<td>Comparable</td>
</tr>
<tr>
<td>Hepatitis B (New Acq.)</td>
<td>39% decrease</td>
<td>35% decrease</td>
</tr>
<tr>
<td>Hepatitis C (New Acq.)</td>
<td>8% increase</td>
<td>Comparable</td>
</tr>
</tbody>
</table>

Delivering a **Healthy WA**
Number of gonorrhoea notifications by exposure category and time period

<table>
<thead>
<tr>
<th>Exposure category</th>
<th>5 yr mean</th>
<th>2015/2016</th>
<th>2016/2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>391.0</td>
<td>701</td>
<td>927</td>
</tr>
<tr>
<td>Male hetero</td>
<td>433.6</td>
<td>651</td>
<td>662</td>
</tr>
<tr>
<td>Metro</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSM</td>
<td>356.2</td>
<td>497</td>
<td>441</td>
</tr>
<tr>
<td>Female</td>
<td>527.2</td>
<td>556</td>
<td>588</td>
</tr>
<tr>
<td>Male hetero</td>
<td>284.4</td>
<td>317</td>
<td>341</td>
</tr>
<tr>
<td>Non-metro</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSM</td>
<td>19.4</td>
<td>31</td>
<td>26</td>
</tr>
</tbody>
</table>

Delivering a Healthy WA
Number of gonorrhoea notifications in the metropolitan area by exposure category and time period

![Graph showing the number of notifications by year and quarter for different exposure categories.]

- **Female**
- **Male hetero**
- **MSM - either sex**
- **MSM - same sex**
- **MSM - unknown**

**Year and Quarter**

- 2012
- 2013
- 2014
- 2015
- 2016
- 2017

**Number of notifications**

- 0
- 50
- 100
- 150
- 200
- 250
- 300
Number of infectious syphilis notifications by exposure category and time period

<table>
<thead>
<tr>
<th>Exposure category</th>
<th>5 yr mean</th>
<th>2015/2016</th>
<th>2016/2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>7.6</td>
<td>17</td>
<td>12</td>
</tr>
<tr>
<td>Male hetero</td>
<td>14.8</td>
<td>21</td>
<td>31</td>
</tr>
<tr>
<td>Metro</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male hetero</td>
<td>13.0</td>
<td>25</td>
<td>45</td>
</tr>
<tr>
<td>Non-metro</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSM</td>
<td>86.0</td>
<td>200</td>
<td>166</td>
</tr>
<tr>
<td>Female</td>
<td>10</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>Male hetero</td>
<td>12</td>
<td>45</td>
<td>30</td>
</tr>
<tr>
<td>Non-metro</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSM</td>
<td>9</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>
Number of infectious syphilis notifications in the metropolitan area by exposure category and time period
Number of infectious syphilis notifications in the Kimberley region by Aboriginality and time period
HIV
Number of HIV notifications in WA by time period (excludes cases previously diagnosed overseas)

Time period comparison

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Notifications</th>
<th>Previous 12-month period (n=103)</th>
<th>Previous 5-year mean (n=102.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016/17</td>
<td>72 cases</td>
<td>30% decrease</td>
<td>30% decrease</td>
</tr>
</tbody>
</table>

Year period (October to September)
Crude HIV notification rate in WA by sex (excludes cases previously diagnosed overseas)
Number of HIV notifications in WA by exposure category
(excludes cases previously diagnosed overseas)

2015/2016 to 2016/2017
MSM: 49% decrease to 35 cases (4 cases in July-Sep 2017 quarter)
Male heterosexual: 5 case increase 26 cases
Female heterosexual: Stable at 6 cases
New HIV diagnoses in MSM by age group and time period, WA residents (excludes cases previously diagnosed overseas)

2015/16 to 2016/17 periods
Decrease in almost all age groups
Largest decrease was in 40-49yr age group (15 to 5 notifications)
Number of non-occupational post-exposure prophylaxis (nPEP) in WA, by sex and risk exposure 2012 to 2016

Delivering a Healthy WA
WA HIV notifications by risk exposure and stage of infection (excludes cases previously diagnosed overseas)

Newly acquired HIV = Negative HIV test result or symptoms consistent with primary HIV infection ≤ 12 months prior to diagnosis
Late stage HIV = CD4 count 200 to 349 cells per μL (excludes cases with Newly Acquired HIV)
Advanced stage HIV = CD4 count < 200 cells per μL (excludes cases with Newly Acquired HIV)
Number of heterosexually-acquired HIV notifications in WA by place of acquisition (excludes cases previously diagnosed overseas)
Number of HIV notifications in Aboriginal people, WA residents (excludes cases previously diagnosed overseas)

2016/2017
Aboriginal HIV notification rate: 3.1 per 100,000 population
Non-Aboriginal HIV notification rate: 2.6 per 100,000 population

Aboriginal HIV notifications 2012/13 to 2016/17 (n=15 cases)
7 heterosexually acquired; 5 MSM; 3 IDU
Most were non-metro residents (n=10)