HIV, viral hepatitis and sexually transmissible infections in Australia Annual Surveillance Report 2016

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New HIV notifications, 1984-2015

Number of notifications

Year

Stable number of notifications in last four years

Source: State and Territory health authorities
HIV testing frequency, gay and bisexual men

27% increase in HIV testing frequency in last 5 years
HIV treatment coverage, gay and bisexual men

45% increase in treatment coverage in last 10 years

Source: Gay Community Periodic Survey
The 2015 HIV diagnosis and care cascade

- **Target 1**: 90% living with HIV and diagnosed with HIV
- **Target 2**: 90% diagnosed with HIV and on antiretroviral therapy
- **Target 3**: 90% of people on treatment with suppressed viral load

- **Number of people**
  - Living with HIV
  - Living and diagnosed with HIV: 90%
  - Retained in care
  - Receiving antiretroviral therapy: 84%
  - Suppressed viral load: 92%
Chlamydia notification rate, by age group

19% decline in the last five years in the 15-19 year age group

Source: National Notifiable Diseases Surveillance System
Chlamydia testing rate in general practice

Doubling in testing over eight years

Source: Medicare, Department of Human Services
Chlamydia diagnosis and care cascade

Approximately 260,000 new chlamydia infections in 2015, 72% undiagnosed
Gonorrhoea notification rate by sex

18,588 notifications in 2015

Source: National Notifiable Disease Surveillance System
Conclusion

• Stable HIV notifications and improvements in HIV testing and treatment coverage
• To achieve international targets, need continued focus on prevention and access to new technologies
• Increase in chlamydia linked with increased testing, but three quarters infections remain undiagnosed
• Increase in gonorrhoea notifications, likely due increased testing
• Rise in may also relate to increases in use of highly effective HIV prevention strategies.
• Data on STIs highlights need for focus on regular STI testing and treatment
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