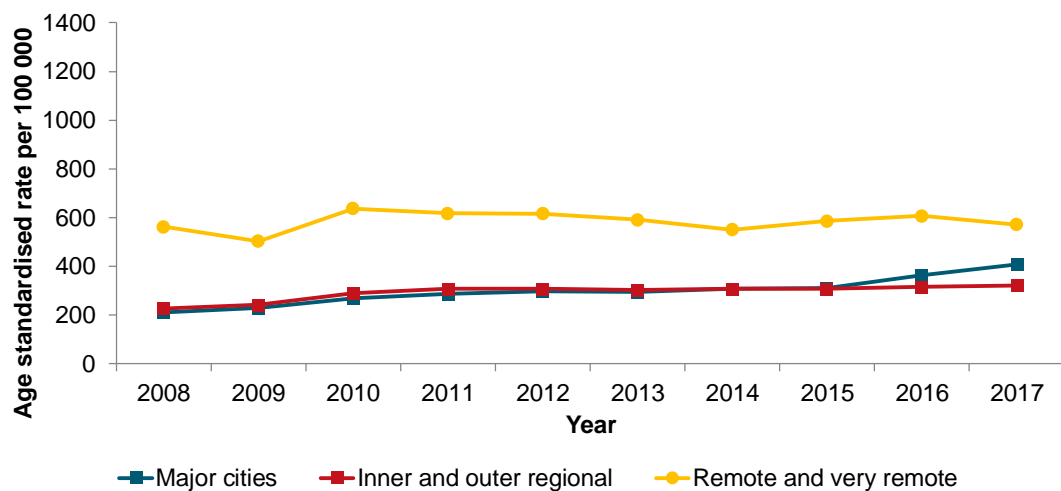


Trends in STI diagnoses in Australia

Professor Rebecca Guy | 1 November 2018

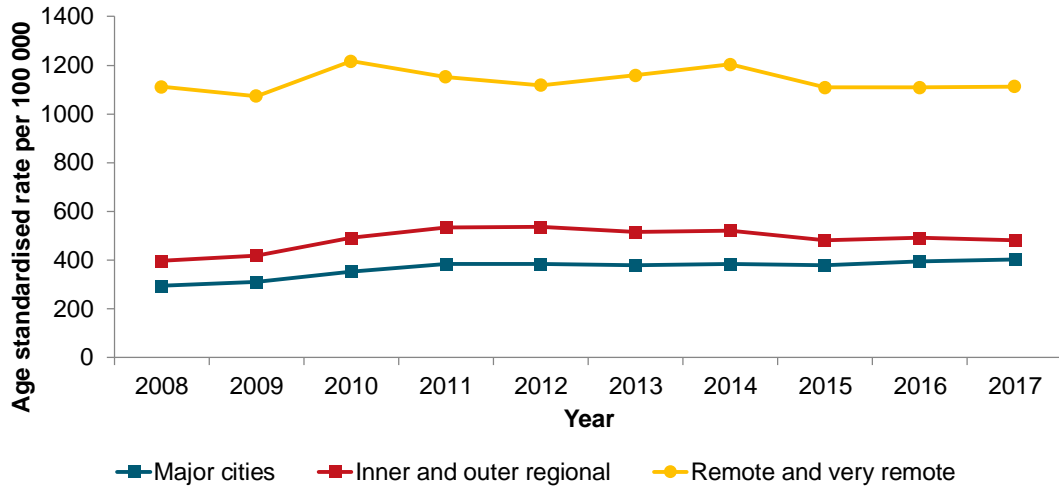


Chlamydia in males, by region



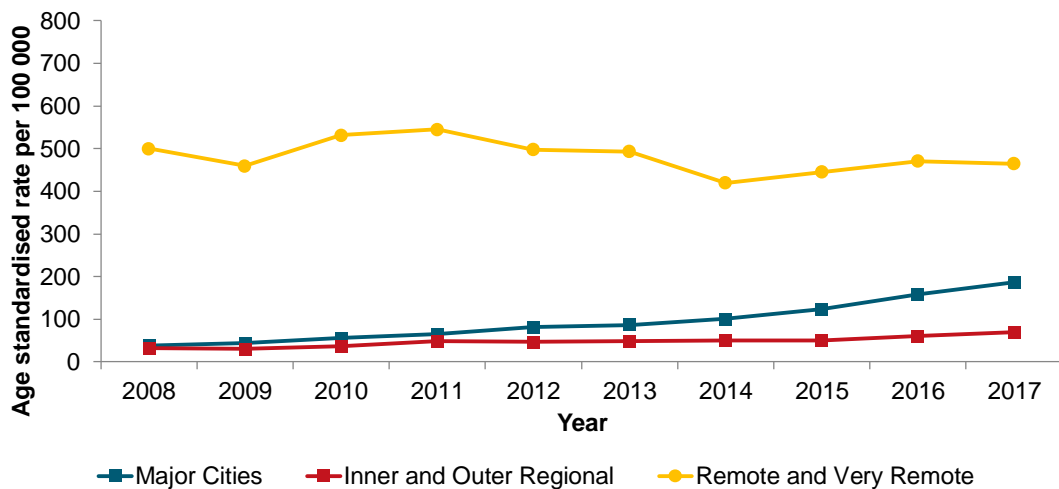
Source: State and territory health authorities

Chlamydia in females, by region



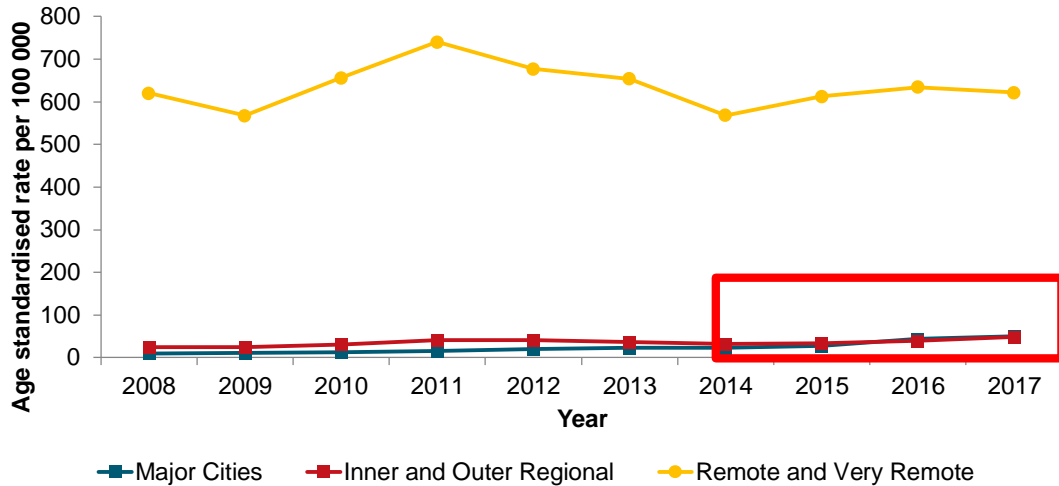
Source: State and territory health authorities

Gonorrhoea in males, by region



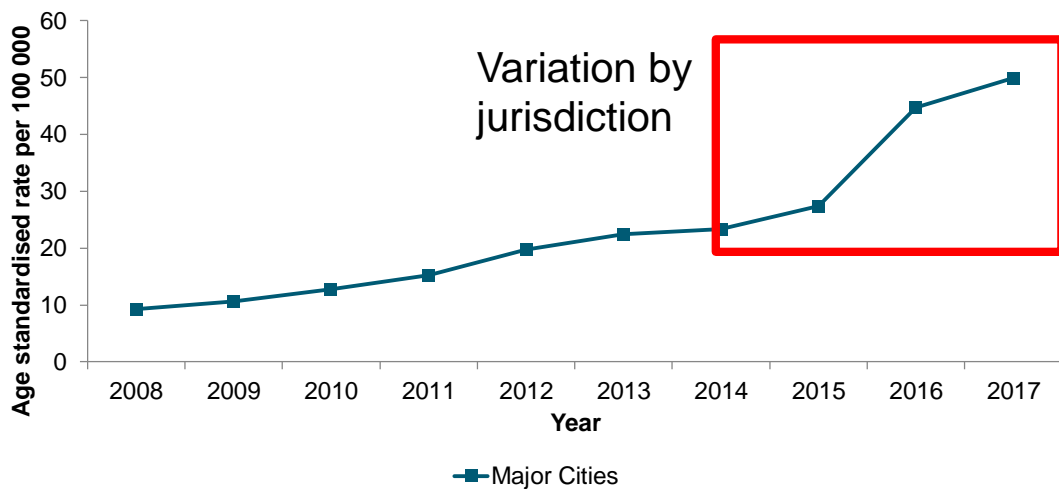
Source: State and territory health authorities

Gonorrhoea in females, by region



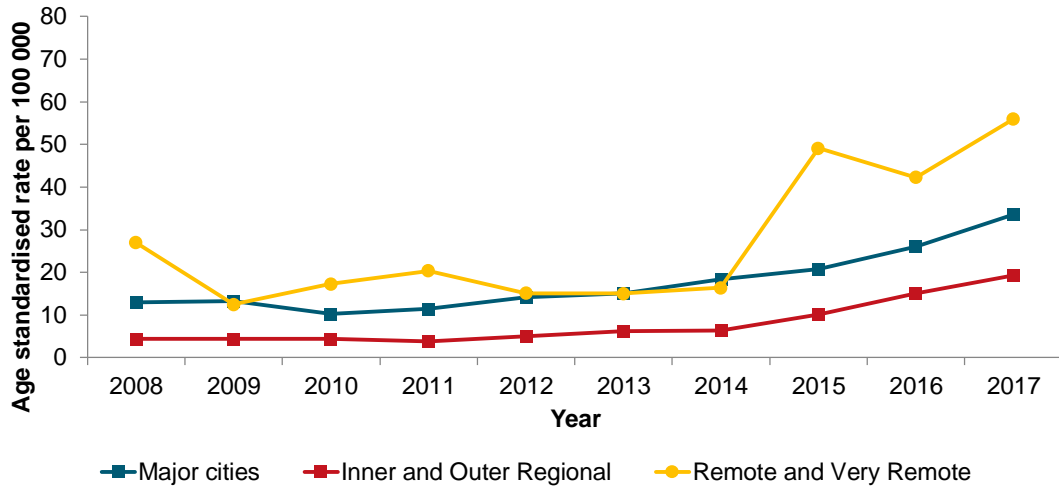
Source: State and territory health authorities

Gonorrhoea in females in major cities



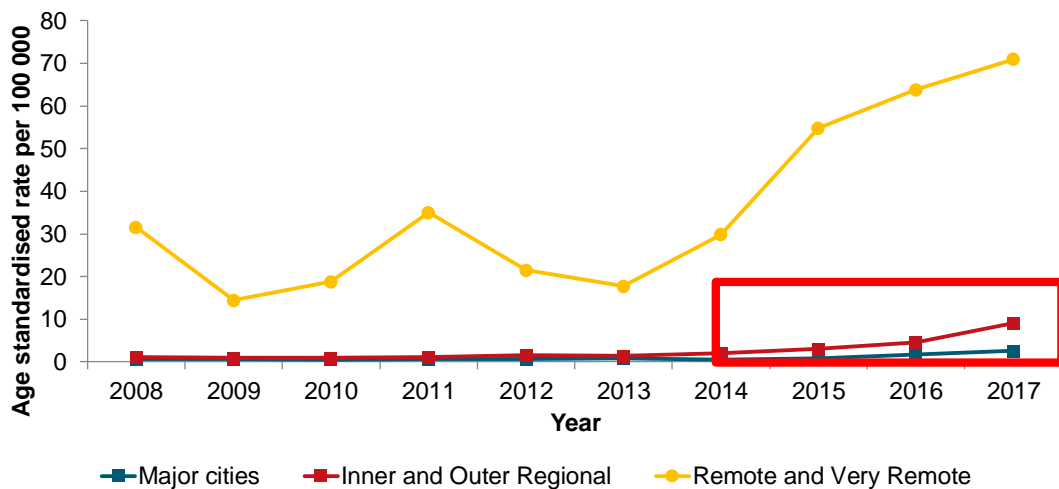
Source: State and territory health authorities

Infectious syphilis in males, by region



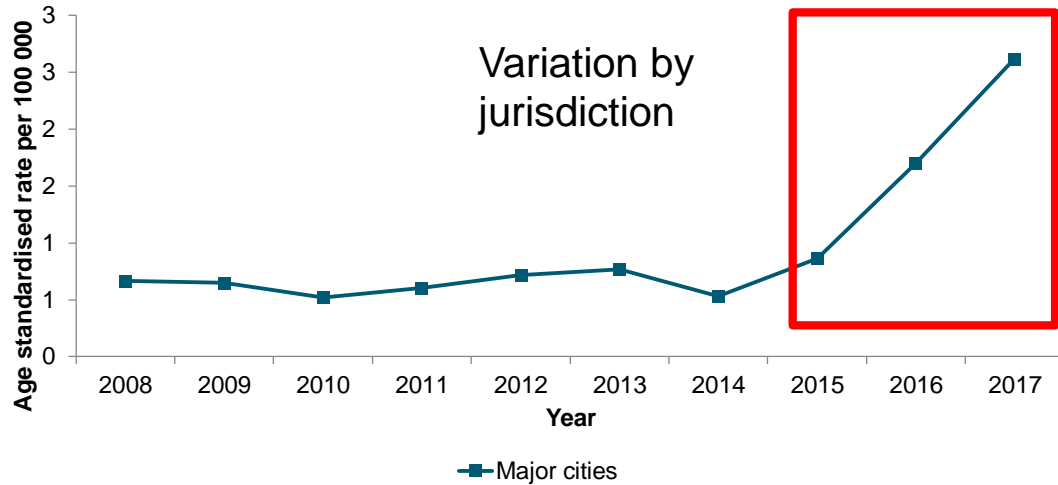
Source: State and territory health authorities

Infectious syphilis in females, by region



Source: State and territory health authorities

Infectious syphilis in females, major cities

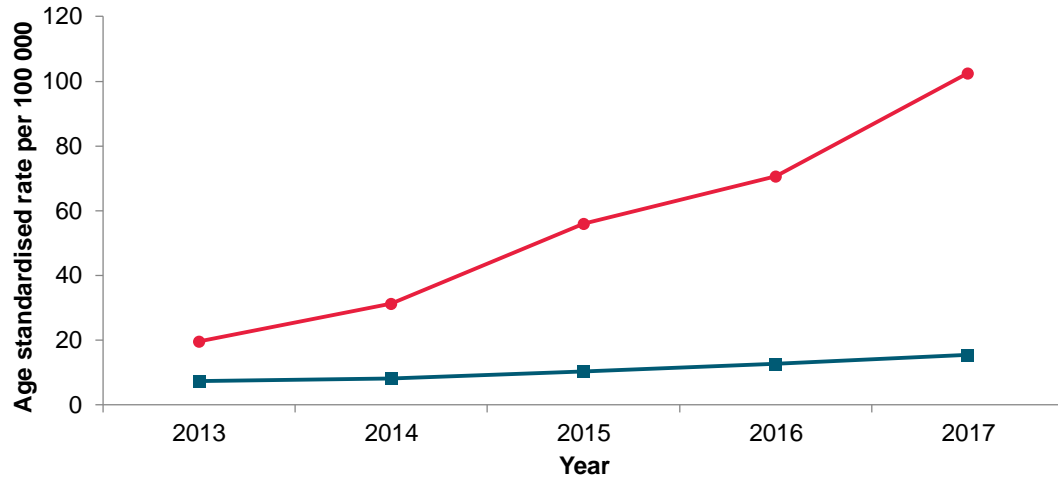


Source: State and territory health authorities

STIs, by Indigenous status, 2017



Infectious syphilis, by Indigenous status



Note: Includes all jurisdictions due to high completeness of Indigenous status

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Source: Australian National Notifiable Diseases Surveillance System

Summary

- STIs notification rates 3-7 times higher in Indigenous people, gap greatest in remote
- Ongoing syphilis outbreak in regional/remote Northern Australia
- High rates of STIs in men in major cities (men who have sex with men)
 - Long term trend
 - More testing - comprehensive and frequency
 - Switch from culture to PCR at some major labs
 - HIV biomedical prevention, reduced condom use
- Increasing rates gonorrhoea and syphilis in heterosexuals in major cities – variation by jurisdiction

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Strengths and limitations

Strengths

- **Testing denominator** data
- **STI incidence** in MSM and FWSs from sexual health clinics
- **Cascades of care** - chlamydia and gonorrhoea

Limitations

- Indigenous data only reported for four states (chlamydia)
- Enhanced data (sexual orientation), only available nationally for syphilis and HIV

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- Annual Surveillance Report Advisory Committee
- National BBVSTI Surveillance Subcommittee

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