



Government of **Western Australia**
Department of **Health**

Syphilis in WA- Epidemiology

**Dr Clare Huppatz and Ms Kellie Mitchell, CDCD
ASHM Syphilis Symposium**

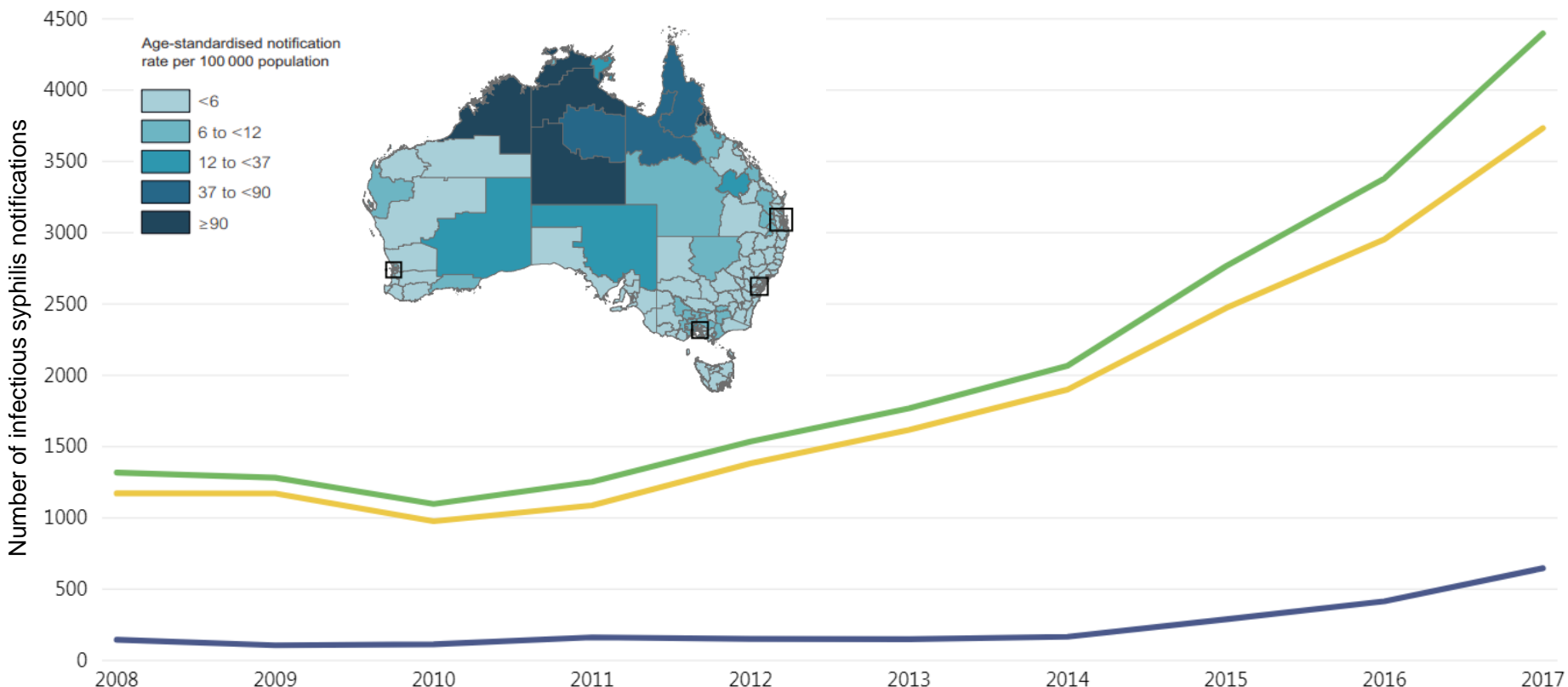


WA Syphilis Epidemiology

- National syphilis trends
- WA syphilis epidemiology:
 - Regional cases: 3 outbreaks
 - Metro cases

Infectious syphilis notifications, Australia, 2008-2017 & age-standardised notification rate/100 000, 2015–17.

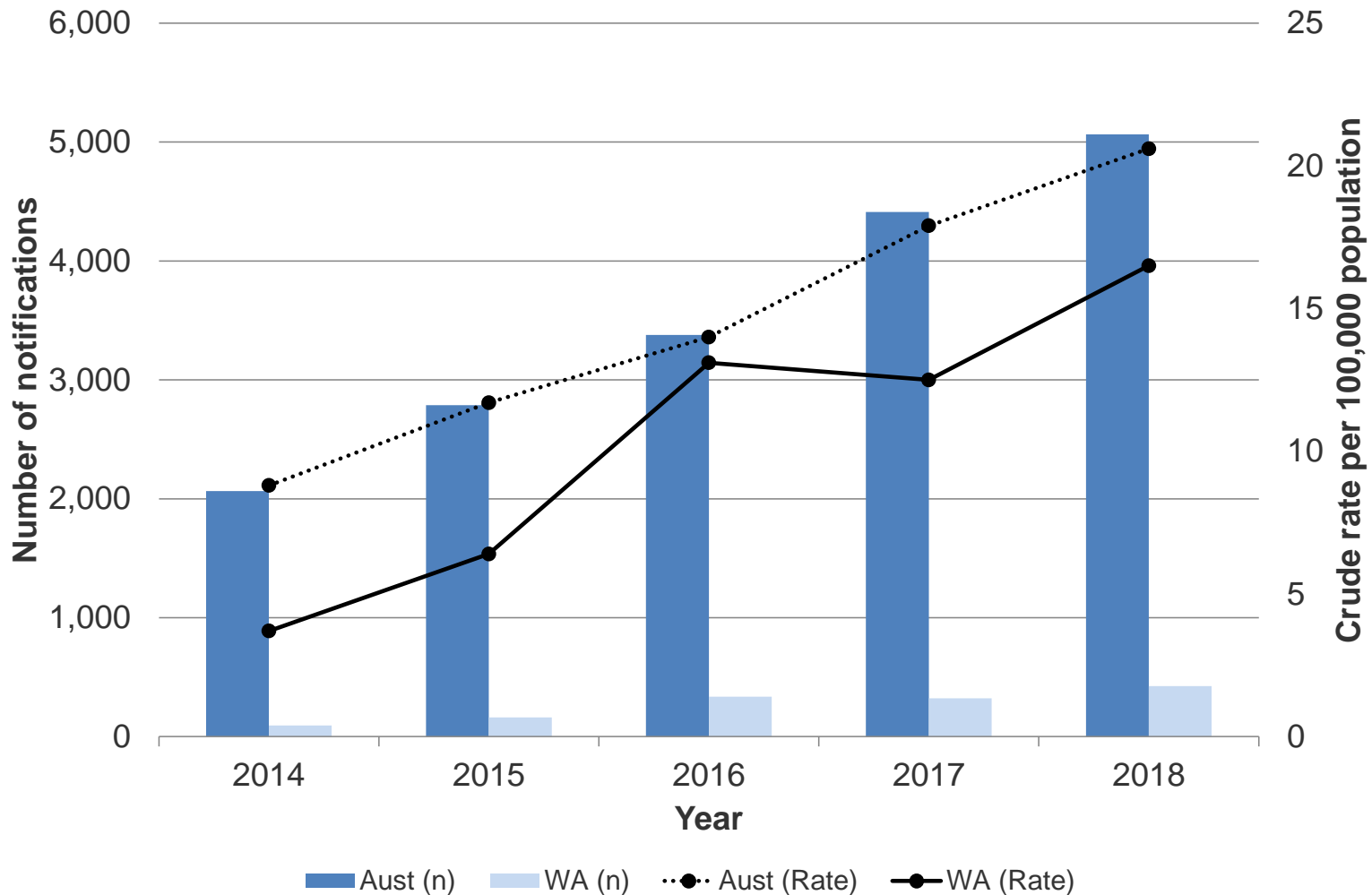
Characteristic ● Australia ● Female ● Male



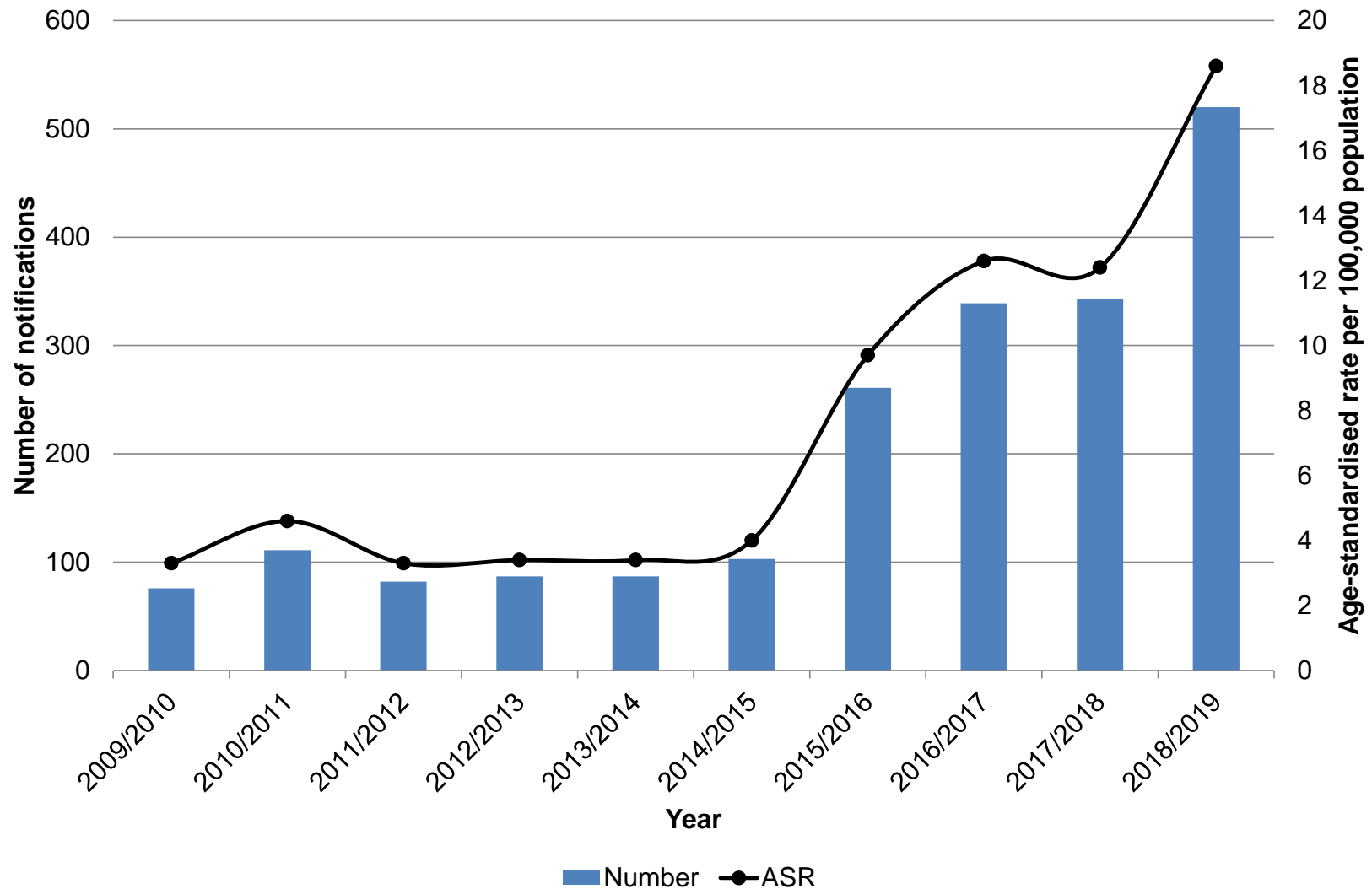
<https://data.kirby.unsw.edu.au/STIs>

https://kirby.unsw.edu.au/sites/default/files/kirby/report/KI_Annual-Surveillance-Report-2018.pdf#page=134

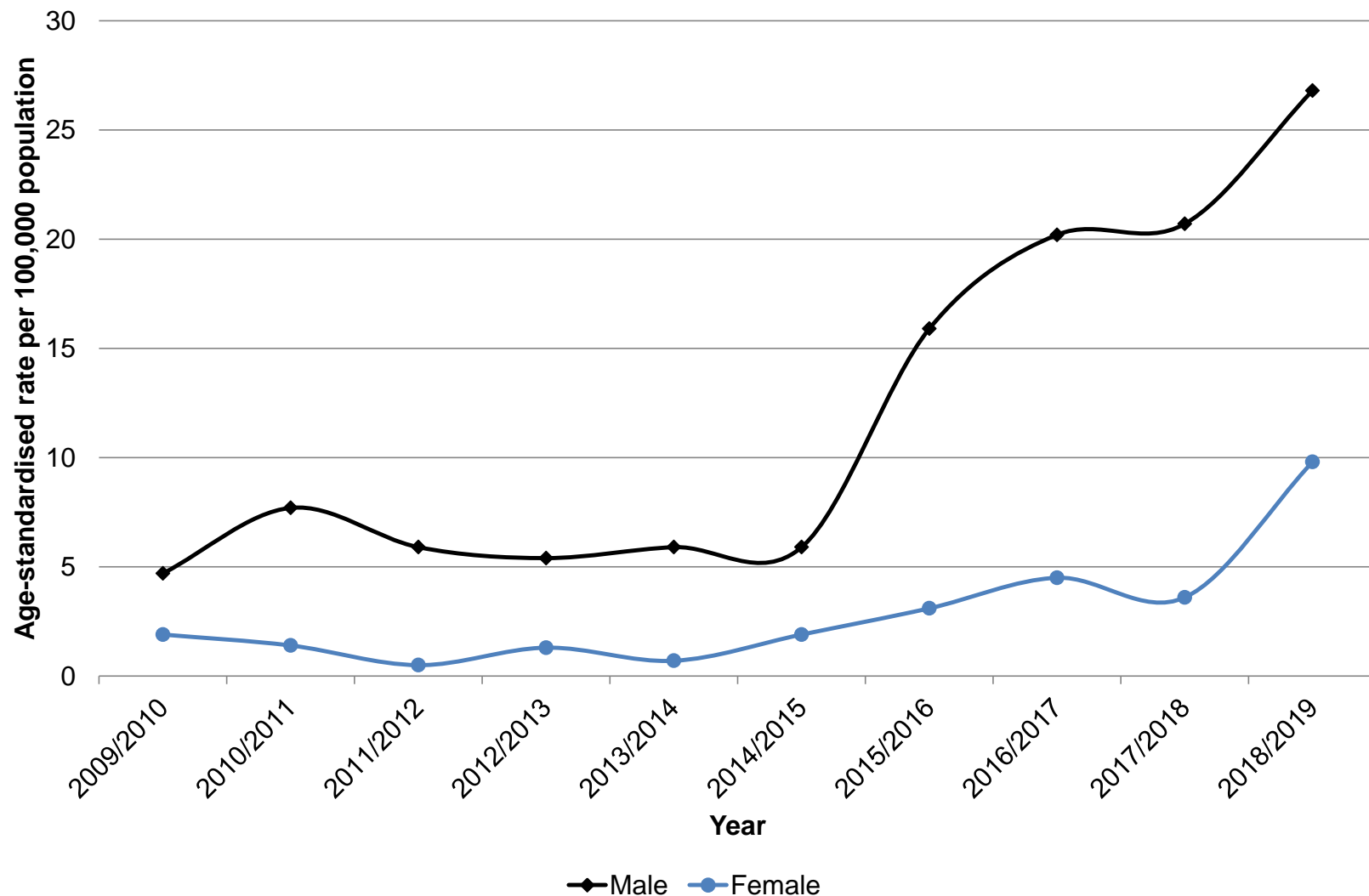
Number and crude rate of infectious syphilis notifications, WA and Australia, 2014 to 2018



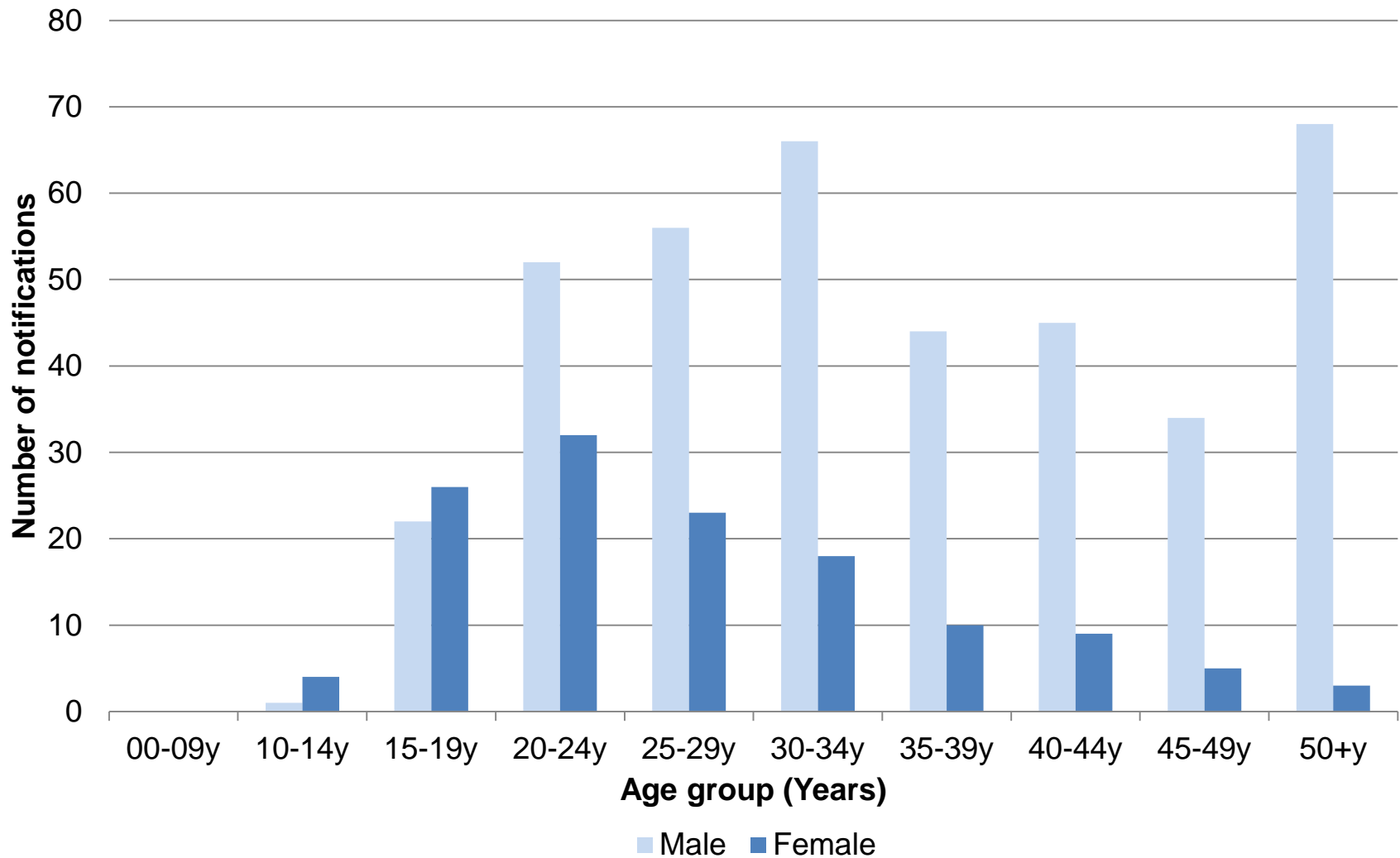
Number and age-standardised rate of infectious syphilis notifications, WA, 2009/2010 to 2018/2019



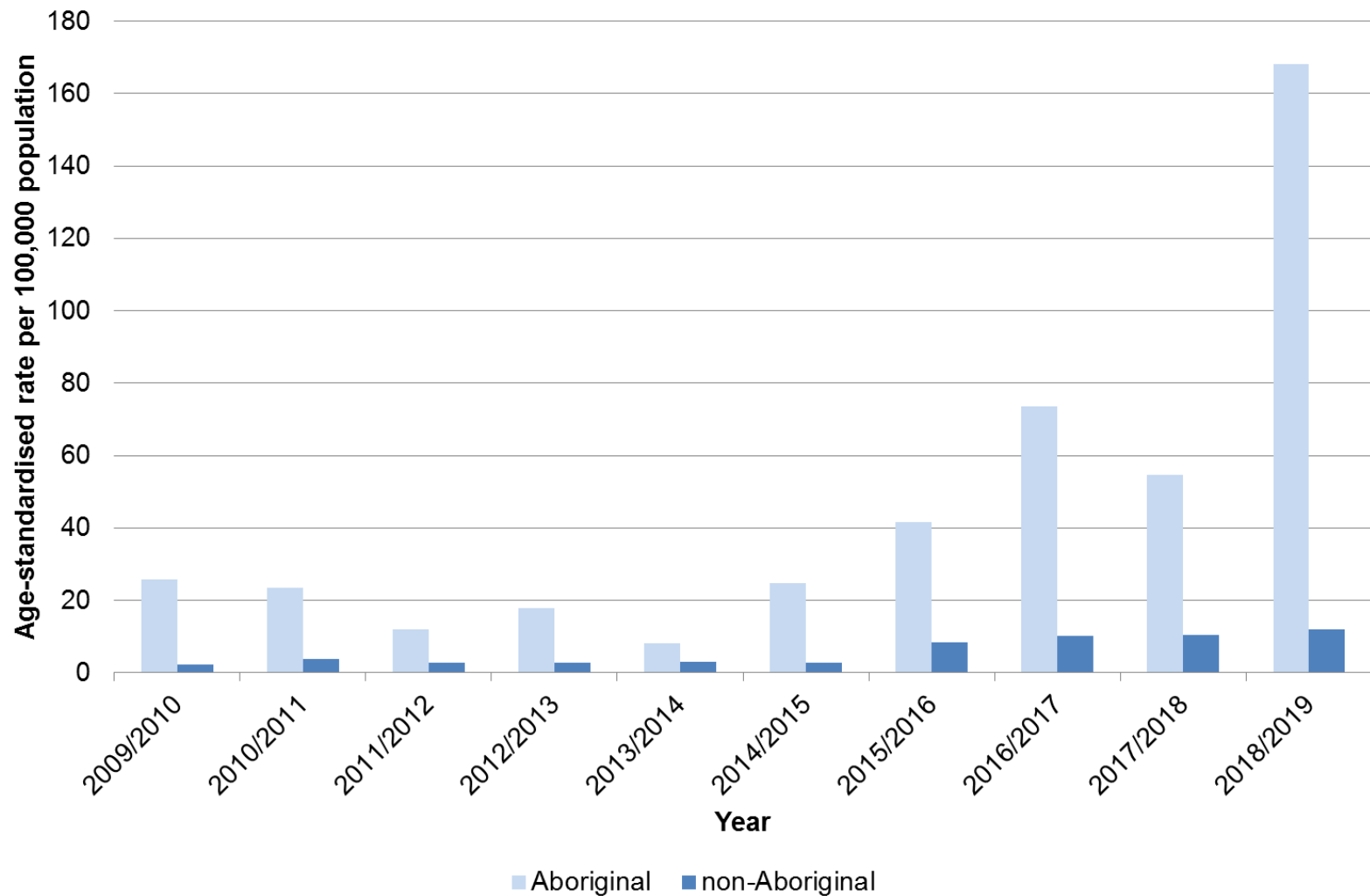
Age-standardised rate of infectious syphilis notifications by sex, WA, 2009/2010 to 2018/2019



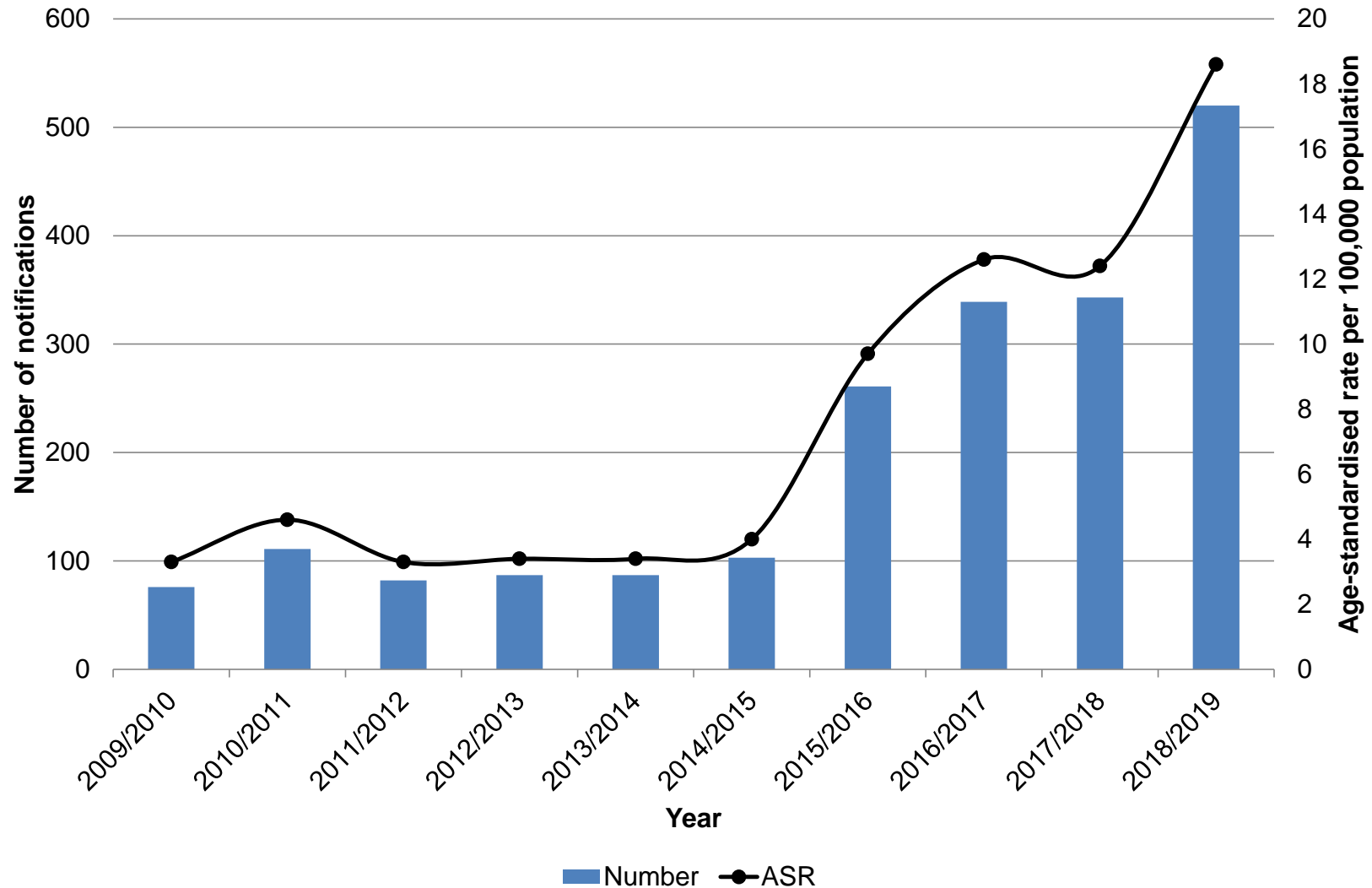
Number of infectious syphilis notifications by sex and age group, WA, 2018/2019



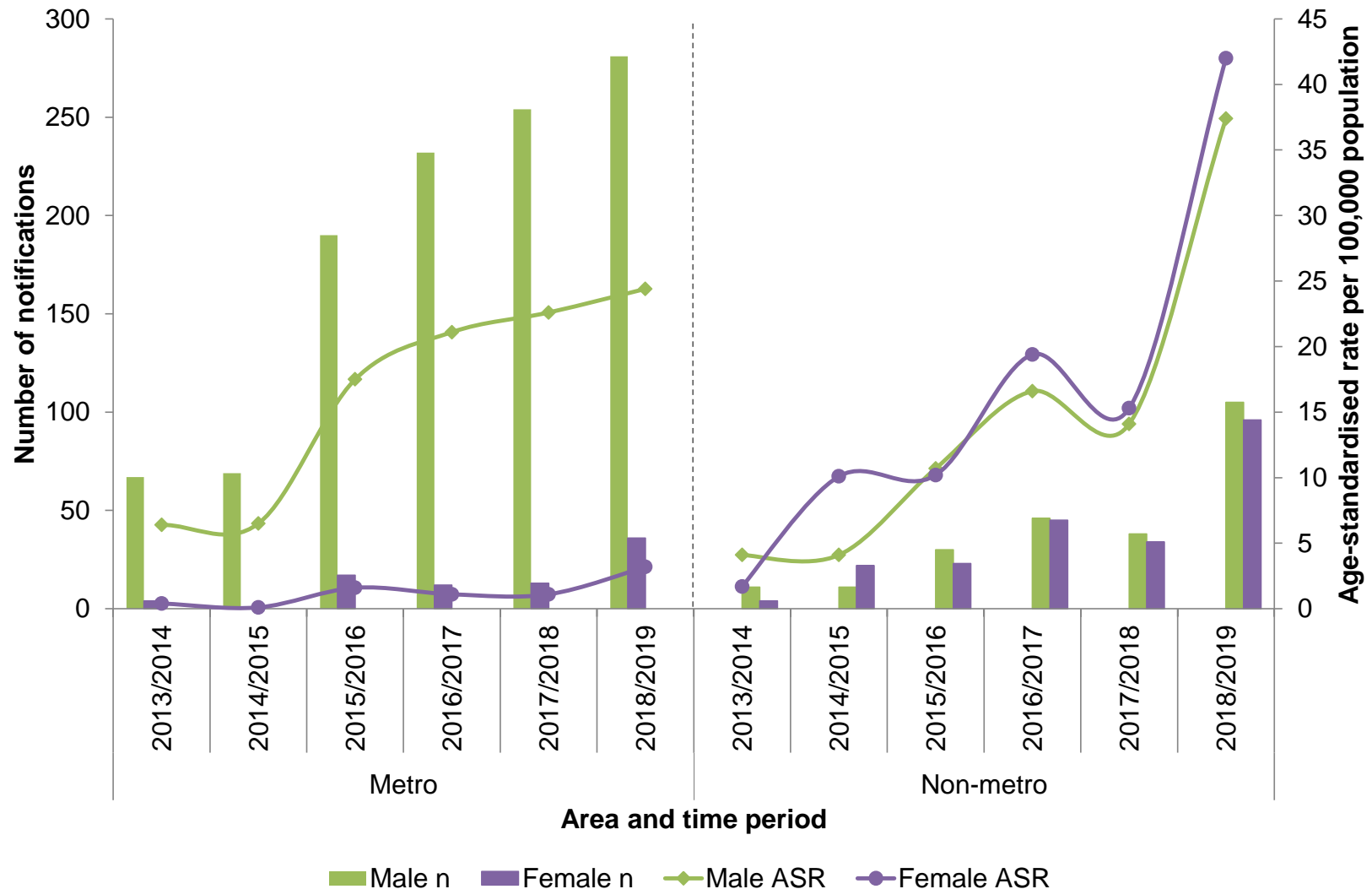
Age-standardised rate of infectious syphilis notifications by Aboriginality, WA, 2009/2010 to 2018/2019



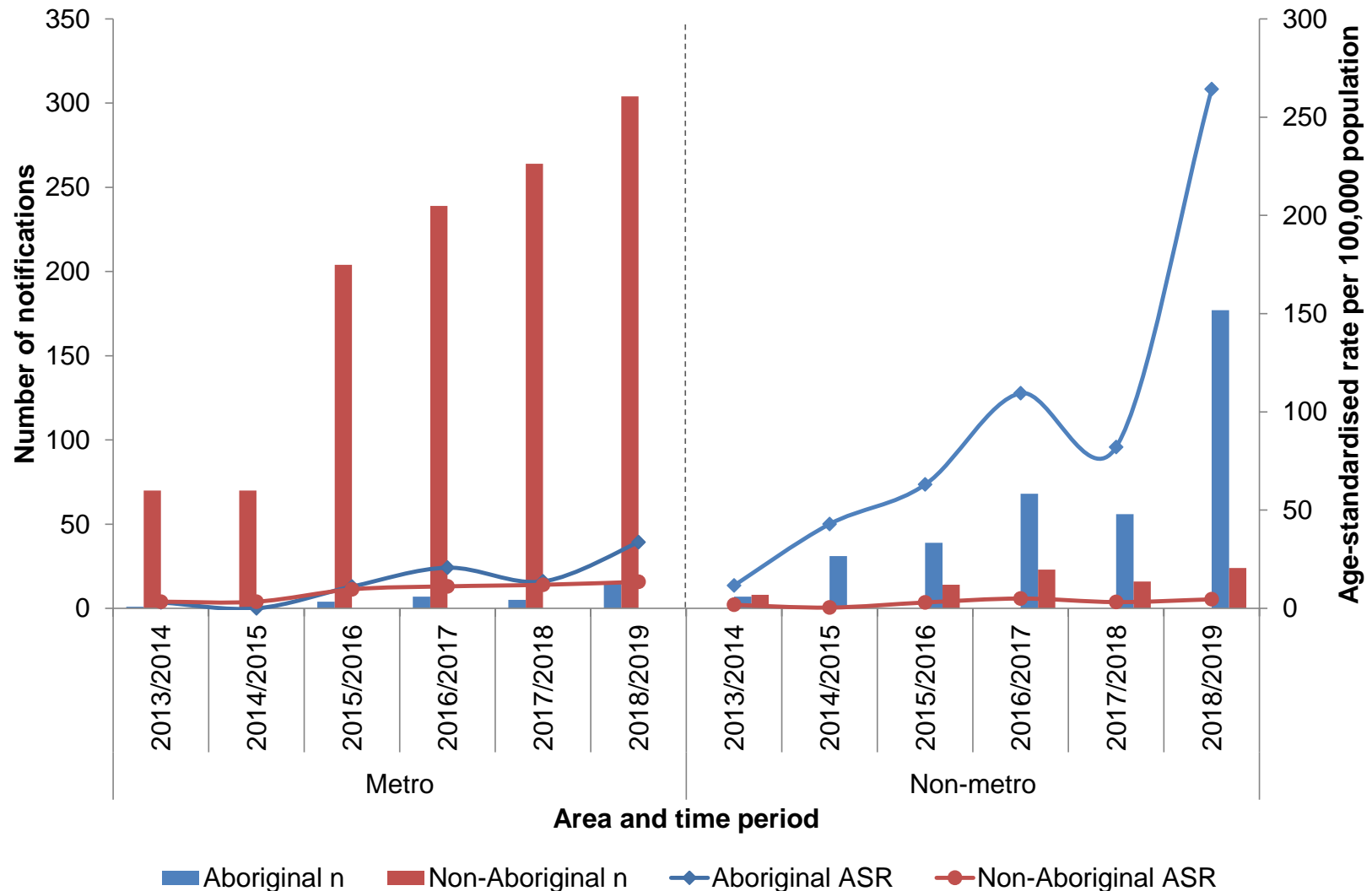
Number and age-standardised rate of infectious syphilis notifications, WA, 2009/2010 to 2018/2019



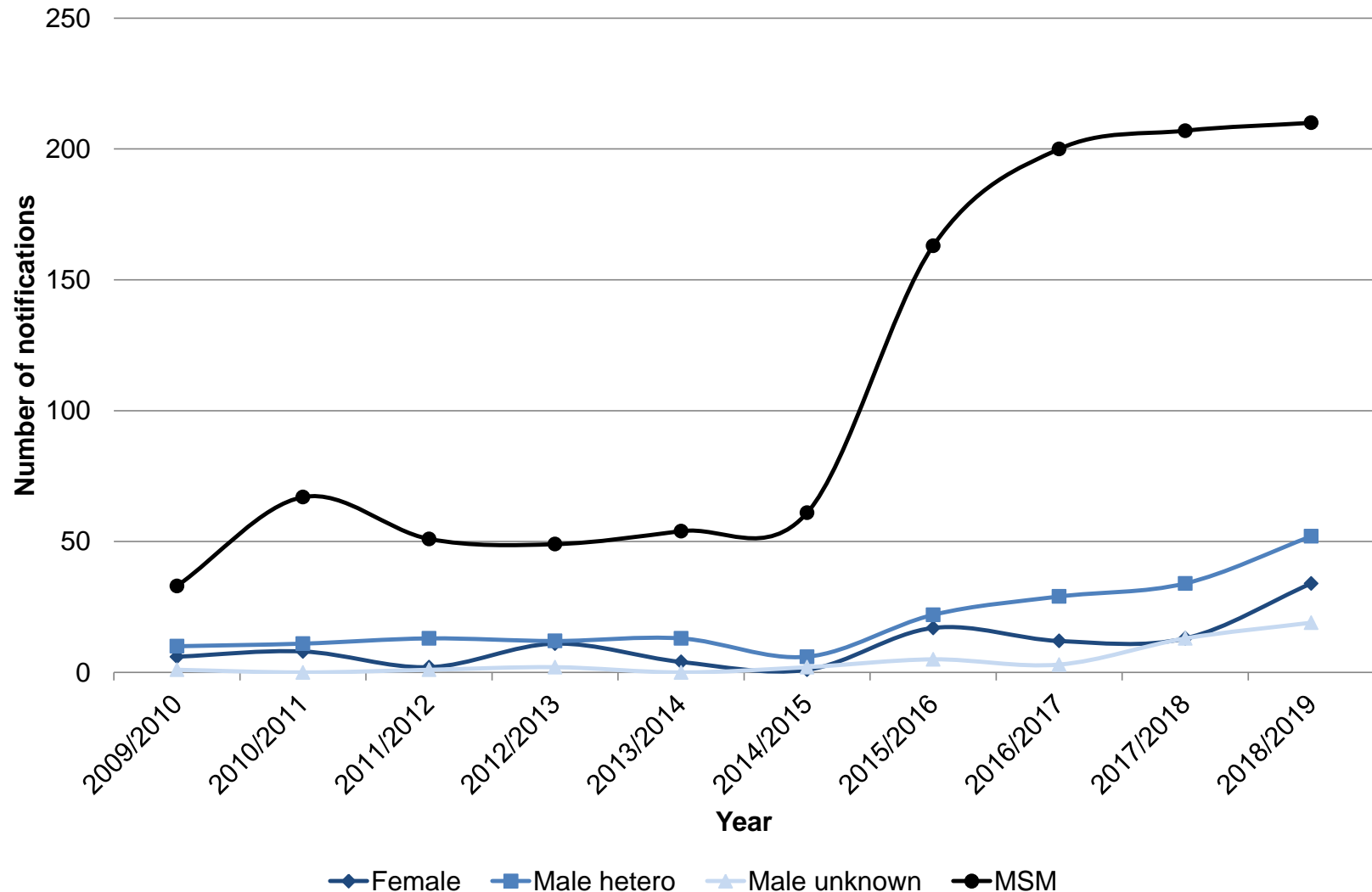
Number and rate of infectious syphilis notifications by sex, area and time period, 13/14 to 18/19



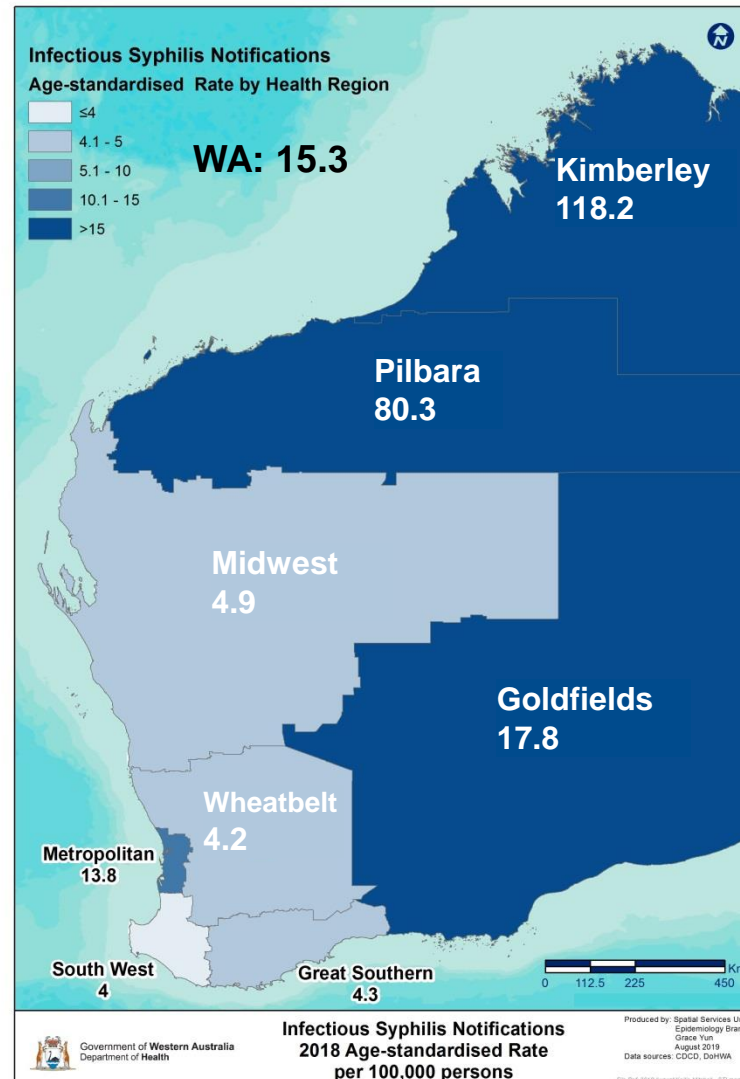
Number and rate of infectious syphilis notifications by Aboriginality, area and time period, 13/14 to 18/19



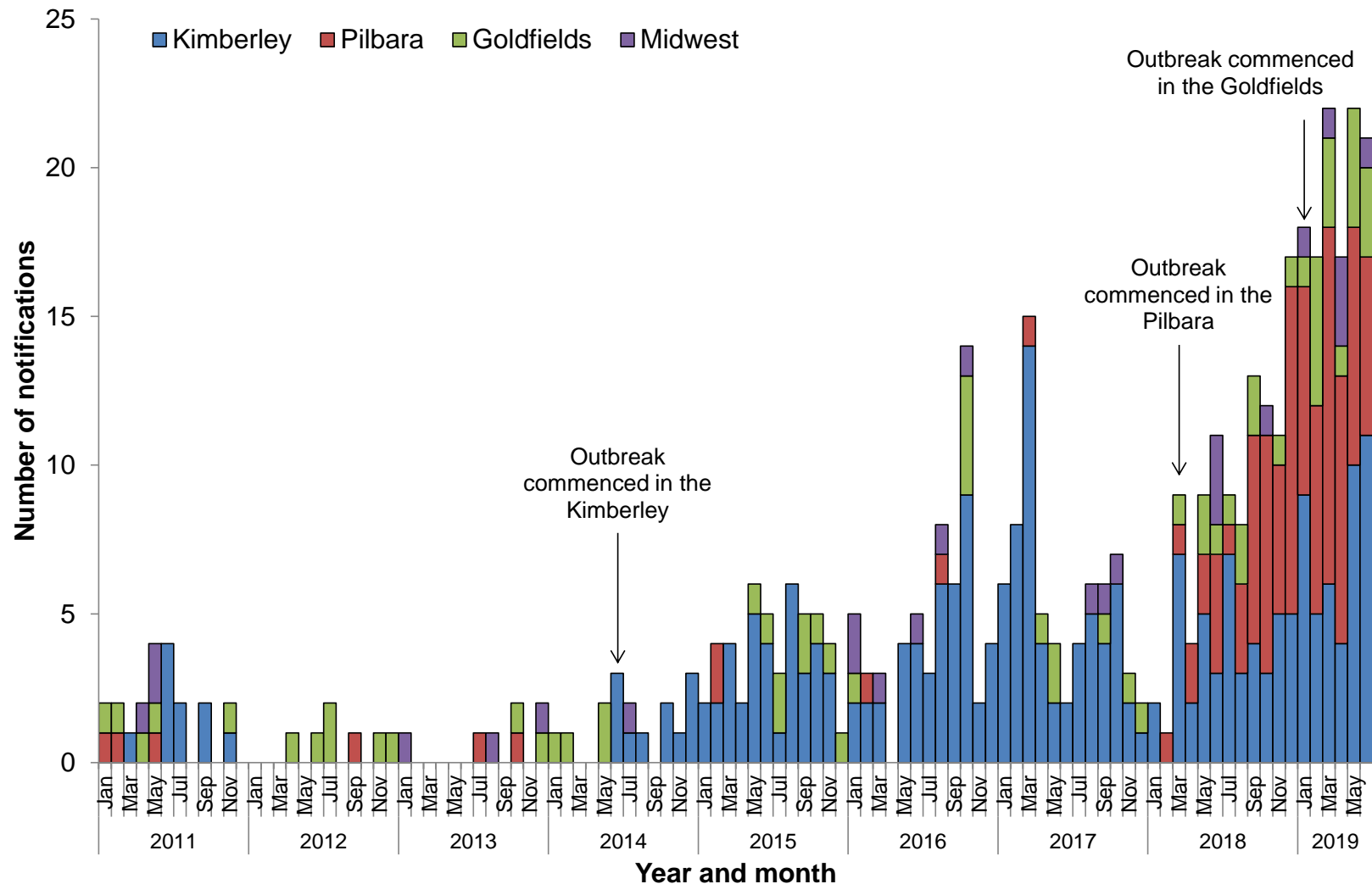
Number of infectious syphilis notifications in the metropolitan area by exposure category, WA, 2009/2010 to 2018/2019



Age-standardised rate of infectious syphilis notifications by health region, WA, 2018



Epidemic curve showing the number of infectious syphilis notifications among Aboriginal people in remote areas of WA, Jan 2011 to Jun 2019



Summary

- Australia has seen an increase in infectious syphilis cases
- WA has seen an increase since 2014
- 2 main increases in cases:
 - Metro: males, MSM.
 - Regional: males/females; heterosexual; Aboriginal; living in Kimberley/Pilbara/Goldfields
- Third more recent trend: females in metro