



Gonorrhoea and Syphilis among Heterosexuals in the UK

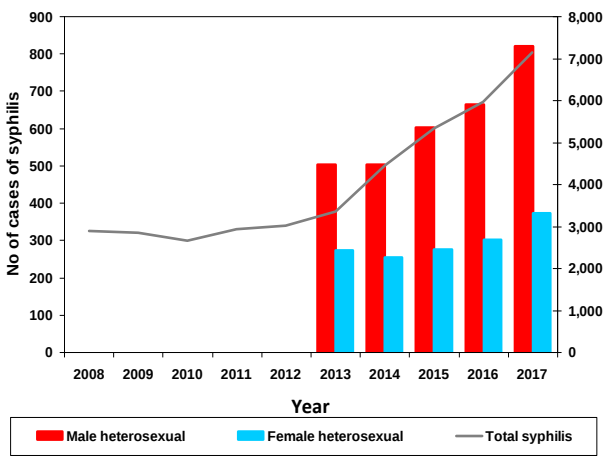
Jonathan Ross, Birmingham, UK

Syphilis – England Data 2017

- syphilis
 - data from sexual health clinic attendees
 - 7137 cases diagnosed in 2017
 - 1193 (17%) in heterosexuals

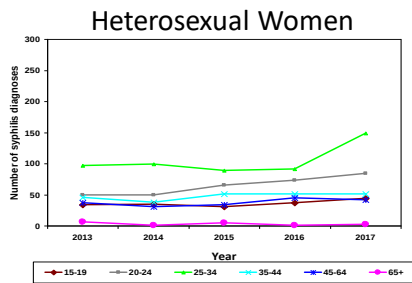
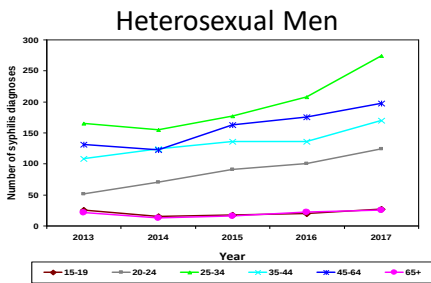
Syphilis Diagnoses - England

Primary, secondary and tertiary

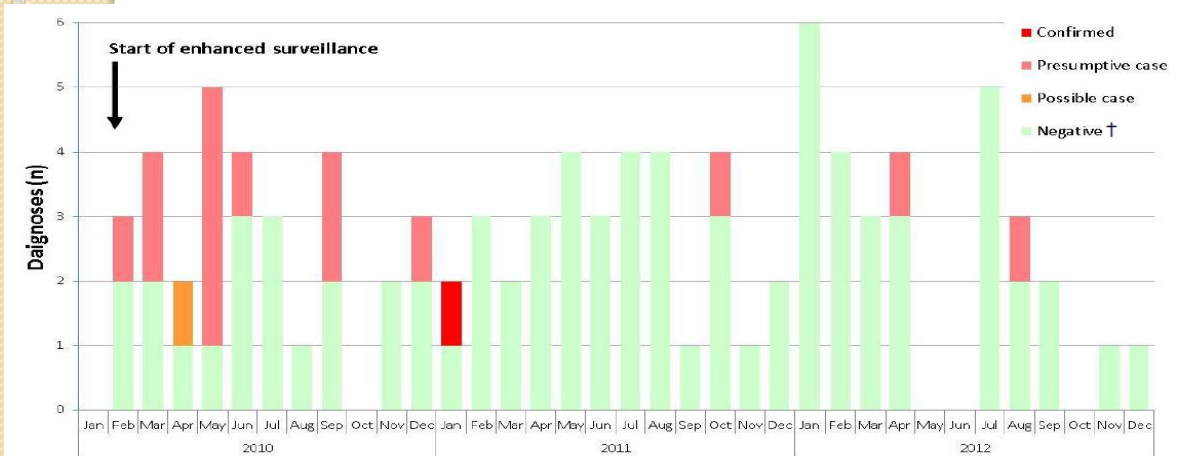


Syphilis Infection – Age Trends by Sex

Primary, secondary and tertiary



UK Congenital Syphilis 2010-12



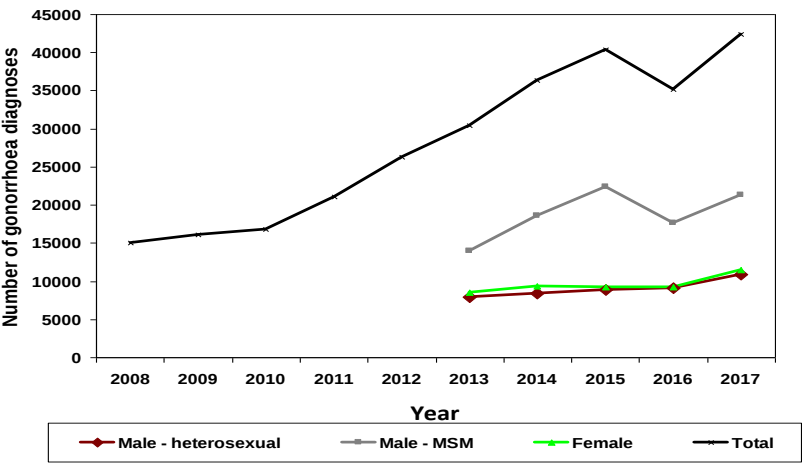
Gonorrhoea – England Data 2017

- all gonorrhoea
 - 44 676 cases diagnosed in 2017 (81/100 000)
 - 22 313 (50%) in heterosexual patients

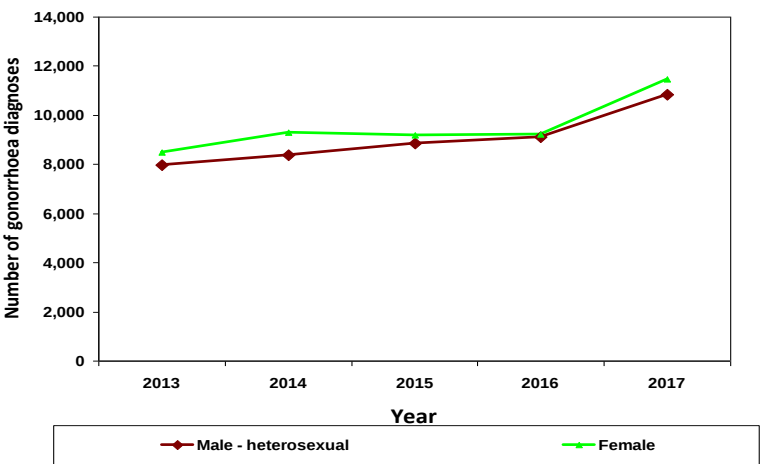
Gonorrhoea – England Data 2017

- all gonorrhoea
 - 44 676 cases diagnosed in 2017 (81/100 000)
 - 22 313 (50%) in heterosexual patients
- gonococcal PID
 - 316 cases diagnosed in 2017 (2.6% of total cases of PID)
- gonococcal epididymitis
 - 175 cases diagnosed in 2017 (2.6% of total cases of epididymitis)

Gonorrhoea – England 2008-17

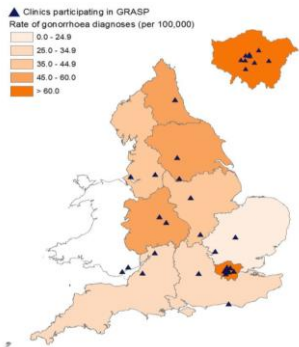


Gonorrhoea – England 2013-17



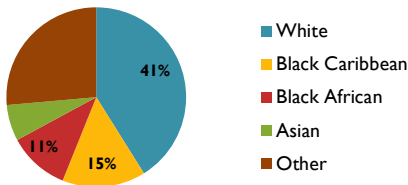
Gonorrhoea – GRASP Dataset

- 23 English and 2 Welsh sexual health clinics
- culture isolates collected from consecutive patients between July and September each year

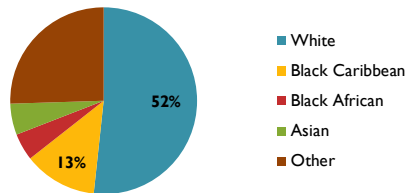


Gonorrhoea – ethnicity

Heterosexual men



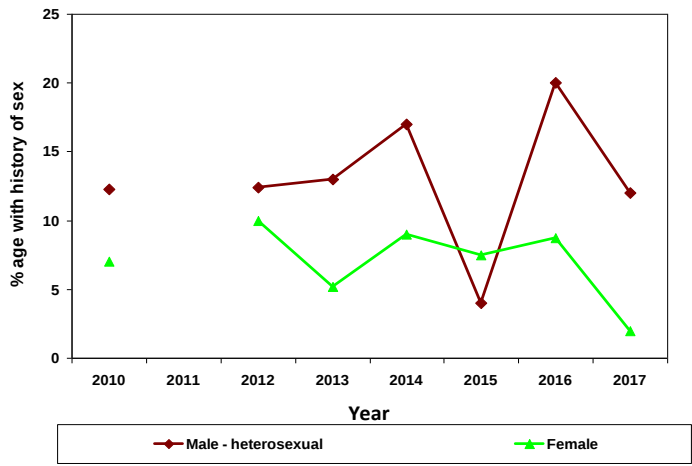
Women



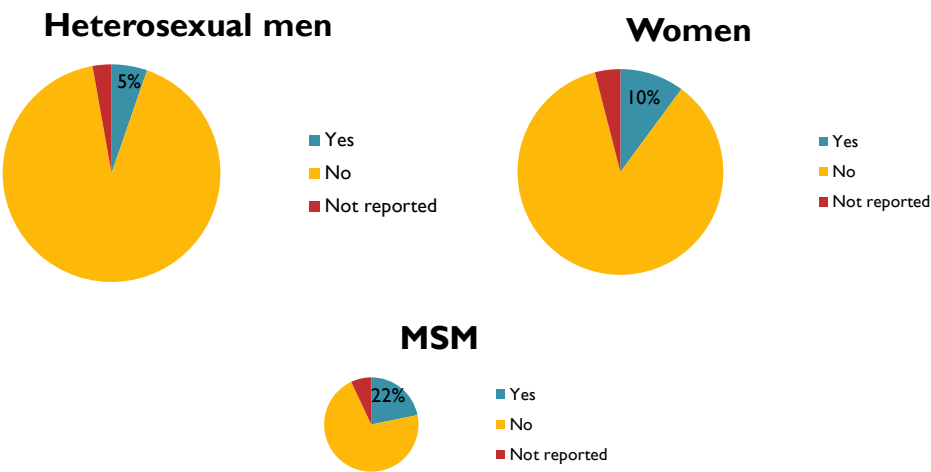
MSM



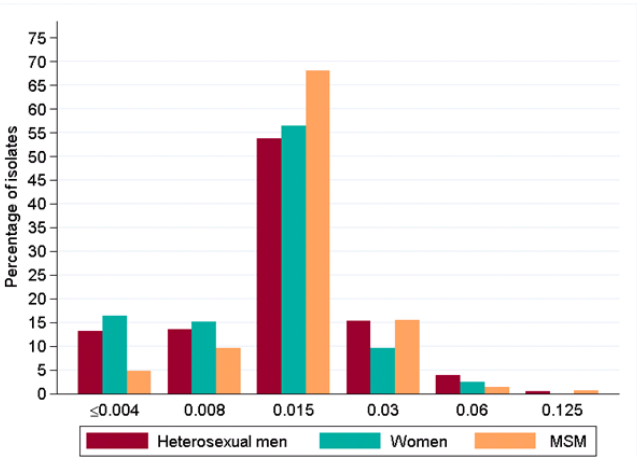
Gonorrhoea – Sex Abroad



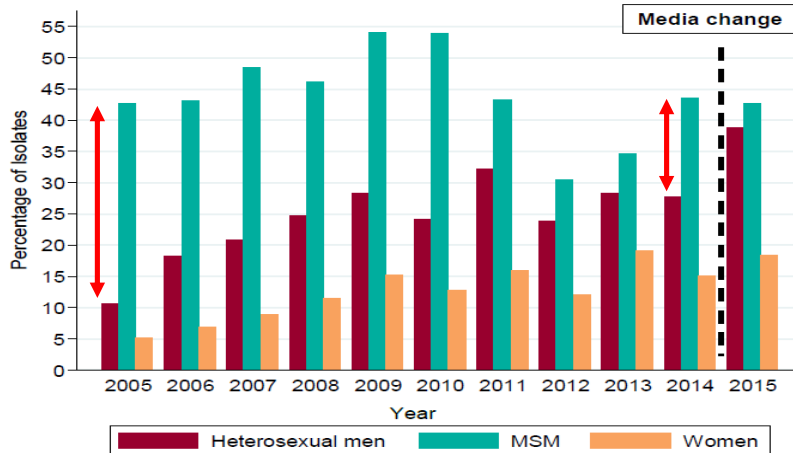
Gonorrhoea – previous diagnosis of gonorrhoea



Gonorrhoea – Ceftriaxone Sensitivity 2017



Gonorrhoea – Ciprofloxacin Resistance 2005-15



Gonorrhoea and Syphilis in Heterosexuals - UK

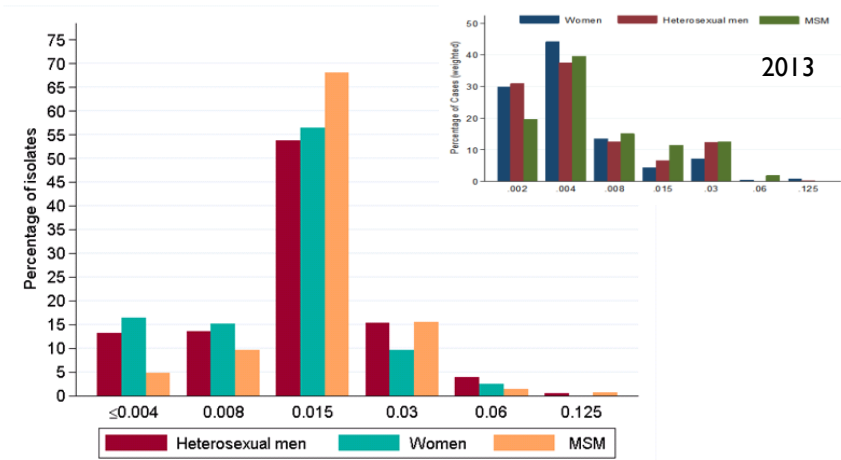
- syphilis
 - increasing in men especially
 - overall still low rates and geographically restricted
- gonorrhoea
 - 36% increase over past 5 years
 - Black Caribbean / Black African at highest risk
 - high rates of recidivism
 - MIC drift occurring in both heterosexual and MSM populations



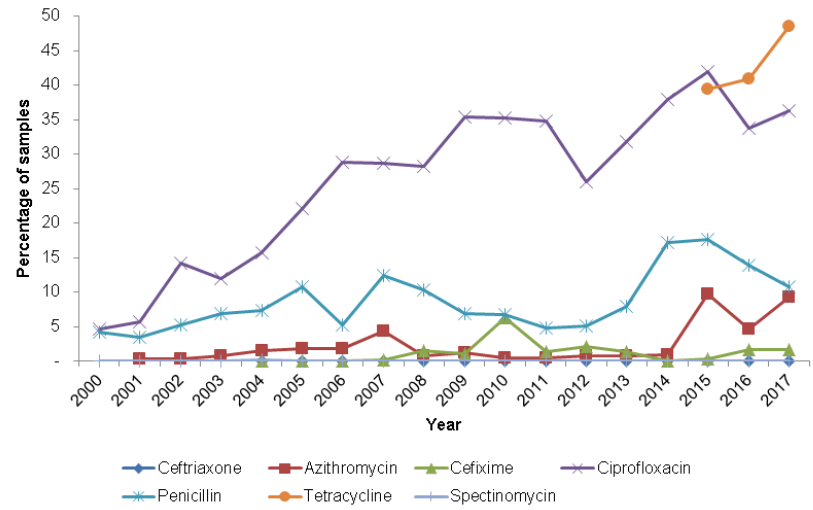
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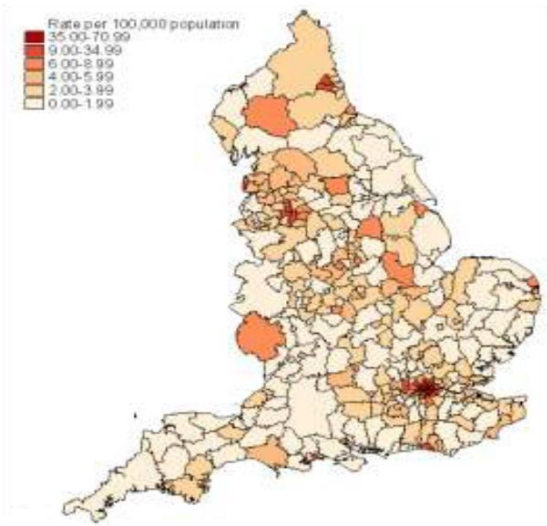
Gonorrhoea – Ceftriaxone Sensitivity 2017



Gonorrhoea – UK Antimicrobial Resistance Trends

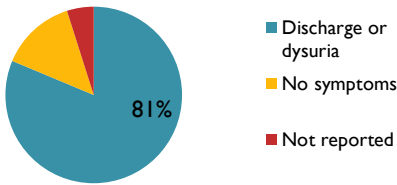


Syphilis Rates by Geographical Area - England

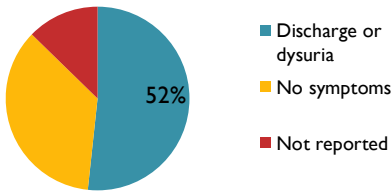


Gonorrhoea – symptoms at presentation

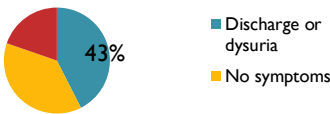
Heterosexual men



Women

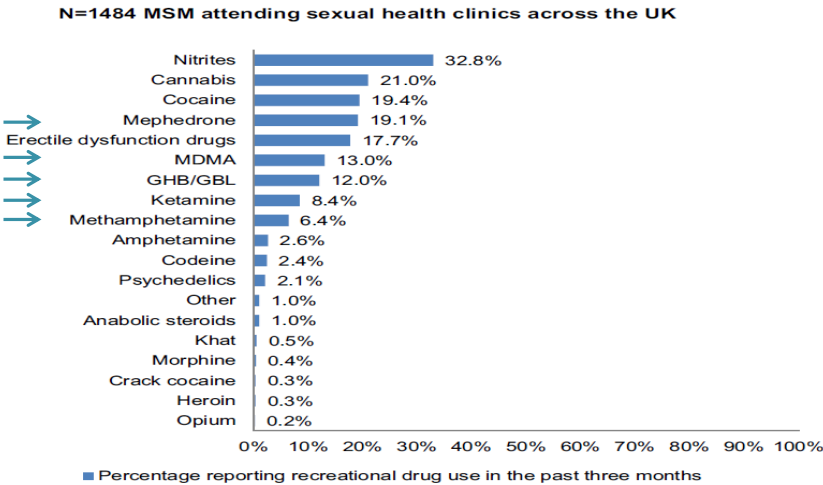


MSM



Drug Use in Sexual Health Clinics Attendees

HIV negative MSM in 2013-14



Int J Drug Policy 2017;43:33-43

Drug Use in MSM in Scotland, Wales and Ireland

– online survey

Have you taken any chemsex drugs?	n	%
Never	1977	82.0
In the last year	198	8.2
>1 year ago	237	9.8
Any chemsex in the last year?		
No	2186	93.9
Yes	142	6.1



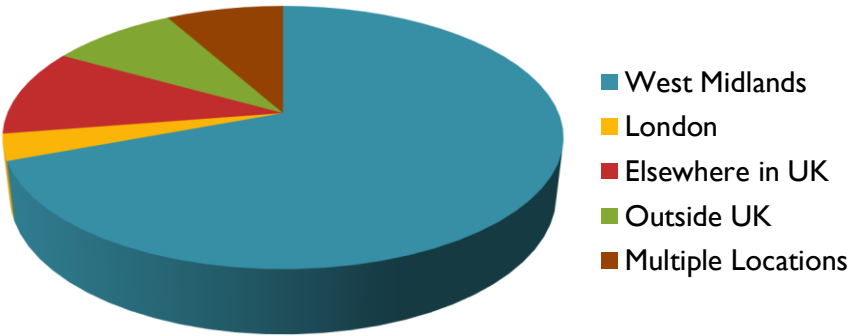
Sexual Health 2018;15: 144-50

West Midlands Data – Infectious Syphilis

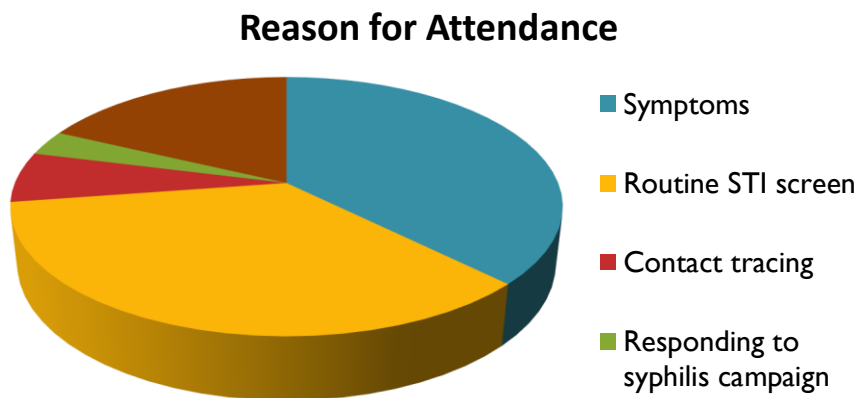


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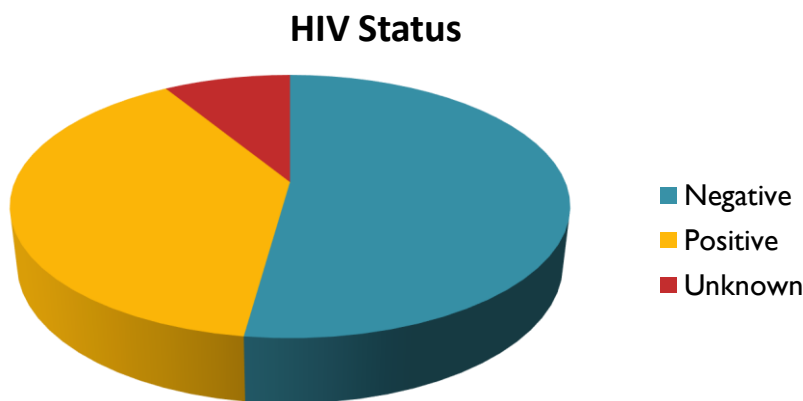
Location of Acquisition



West Midlands Data – Infectious Syphilis

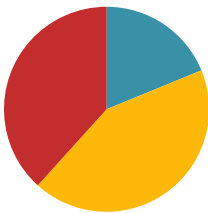


West Midlands Data – Infectious Syphilis



Gonorrhoea – HIV status

MSM



- HIV positive
- HIV negative
- Not reported

Heterosexual men



- HIV positive
- HIV negative
- Not reported

Women



- HIV positive
- HIV negative
- Not reported