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HIV and STI trends in Wales: 2015

Communicable Disease Surveillance Centre,
Health Protection, Public Health Wales,
Cardiff, UK

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Definitions of STI diagnoses and tests made in sexual health clinics

STI diagnoses	KC60/SHHAPT codes
Chlamydia	C4, C4A, C4C
Gonorrhoea	B, B1, B2
Herpes: genital herpes (1st episode)	C10A
Syphilis: primary, secondary and early latent	A1, A2, A3
Warts: genital warts (1st episode)	C11A

STI tests	KC60/SHHAPT codes
Chlamydia test	S1, S2, T1, T2, T3, T4
Gonorrhoea tests	S1, S2, T2, T3, T4
HIV antibody tests	S2, T4, T7, P1A
Syphilis tests	S1, S2, T3, T4, T7

Note that HIV data in this report is Public Health England's data on new HIV diagnoses and on individuals seen for HIV-related care in all healthcare settings.

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Summary of HIV and STI trends, 2014-15

STI	Gender	Sexual health clinics	
		Diagnoses	Tests
Syphilis	Females	10%	5%
	Males	-31%	4%
	Total	-28%	4%
Gonorrhoea	Females	3%	6%
	Males	3%	1%
	Total	3%	4%
Chlamydia	Females	0%	6%
	Males	2%	0%
	Total	1%	3%
Genital herpes (first episode)	Females	3%	-
	Males	-8%	-
	Total	-2%	-
Genital warts (first episode)	Females	-7%	-
	Males	3%	-
	Total	-2%	-
HIV	Females	-41%	4%
	Males	2%	3%
	Total	-10%	4%

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Summary of HIV and STI trends, 2011-15

STI	Gender	Sexual health clinics		Laboratory data	
		Diagnoses	Tests	Positive	Tested
Syphilis	Females	-16%	25%	-	-
	Males	61%	28%	-	-
	Total	46%	26%	-	-
Gonorrhoea	Females	128%	100%	58%	-
	Males	119%	63%	93%	-
	Total	122%	83%	77%	-
Chlamydia	Females	68%	96%	13%	10%
	Males	38%	58%	37%	41%
	Total	53%	79%	20%	15%
Genital herpes (first episode)	Females	46%	-	-	-
	Males	22%	-	-	-
	Total	37%	-	-	-
Genital warts (first episode)	Females	-9%	-	-	-
	Males	13%	-	-	-
	Total	2%	-	-	-
HIV	Females	-38%	63%	-	31%
	Males	26%	54%	-	59%
	Total	6%	58%	-	38%

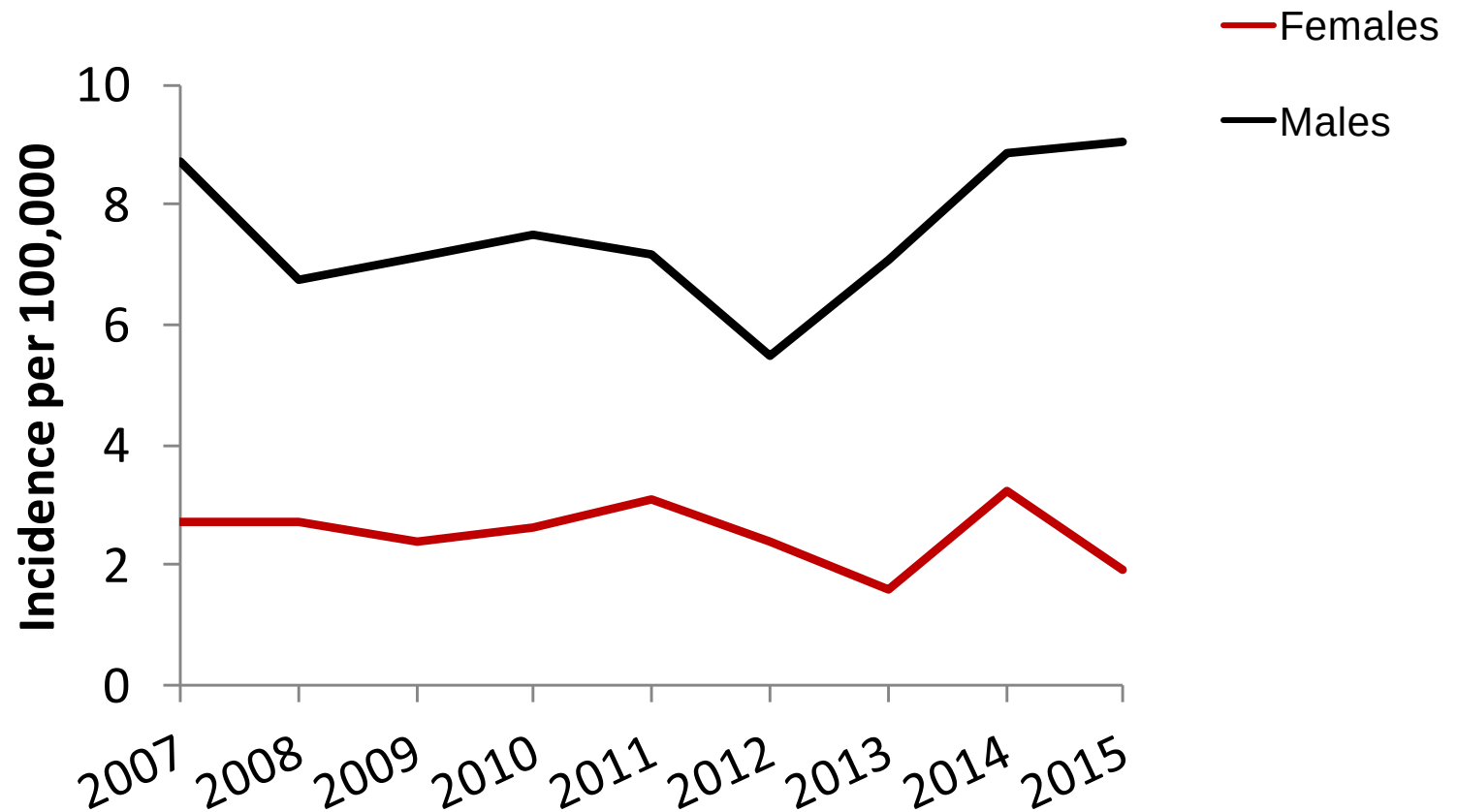
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HIV diagnoses from all healthcare settings across Wales, by gender



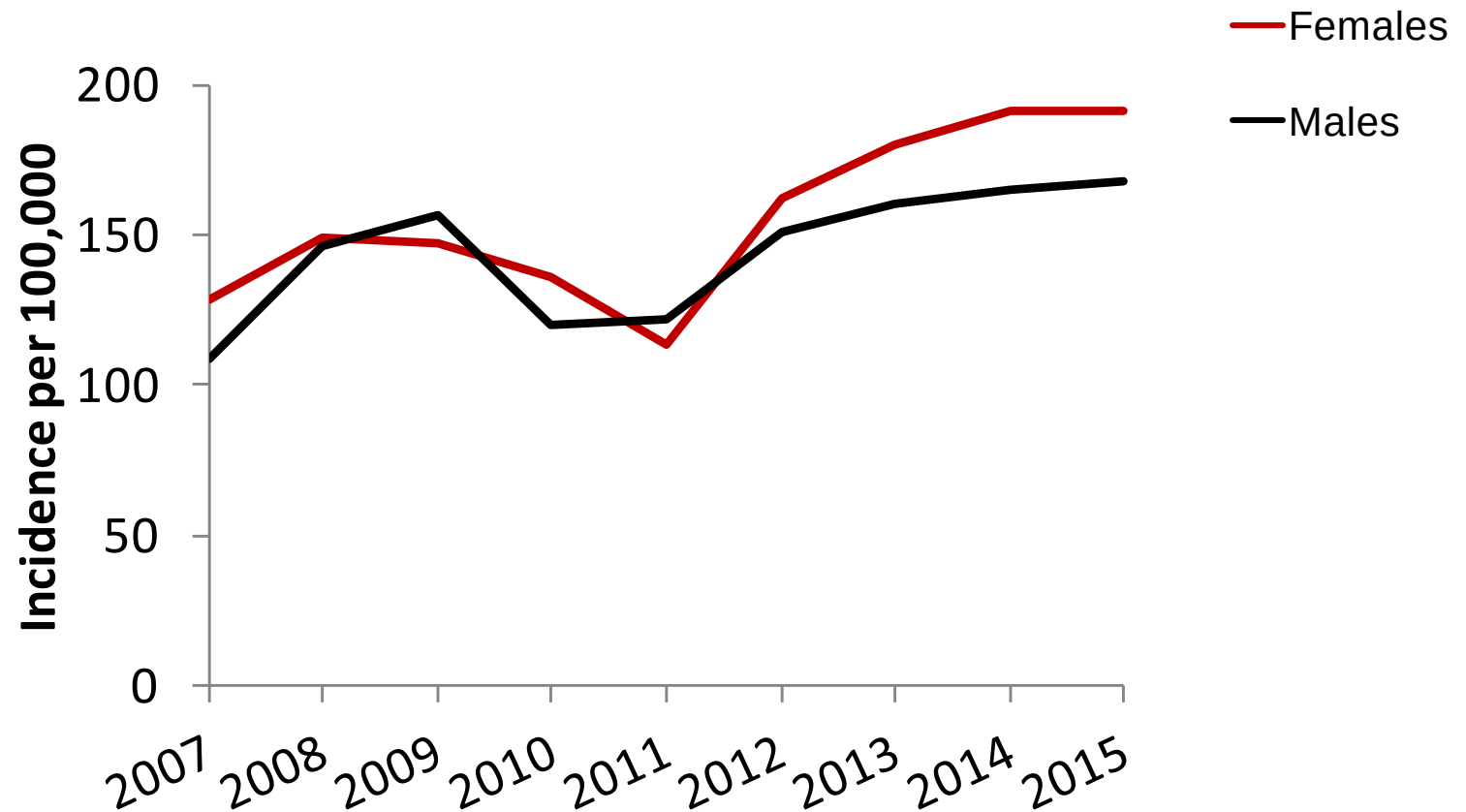
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Chlamydia diagnoses made in sexual health clinics, by gender



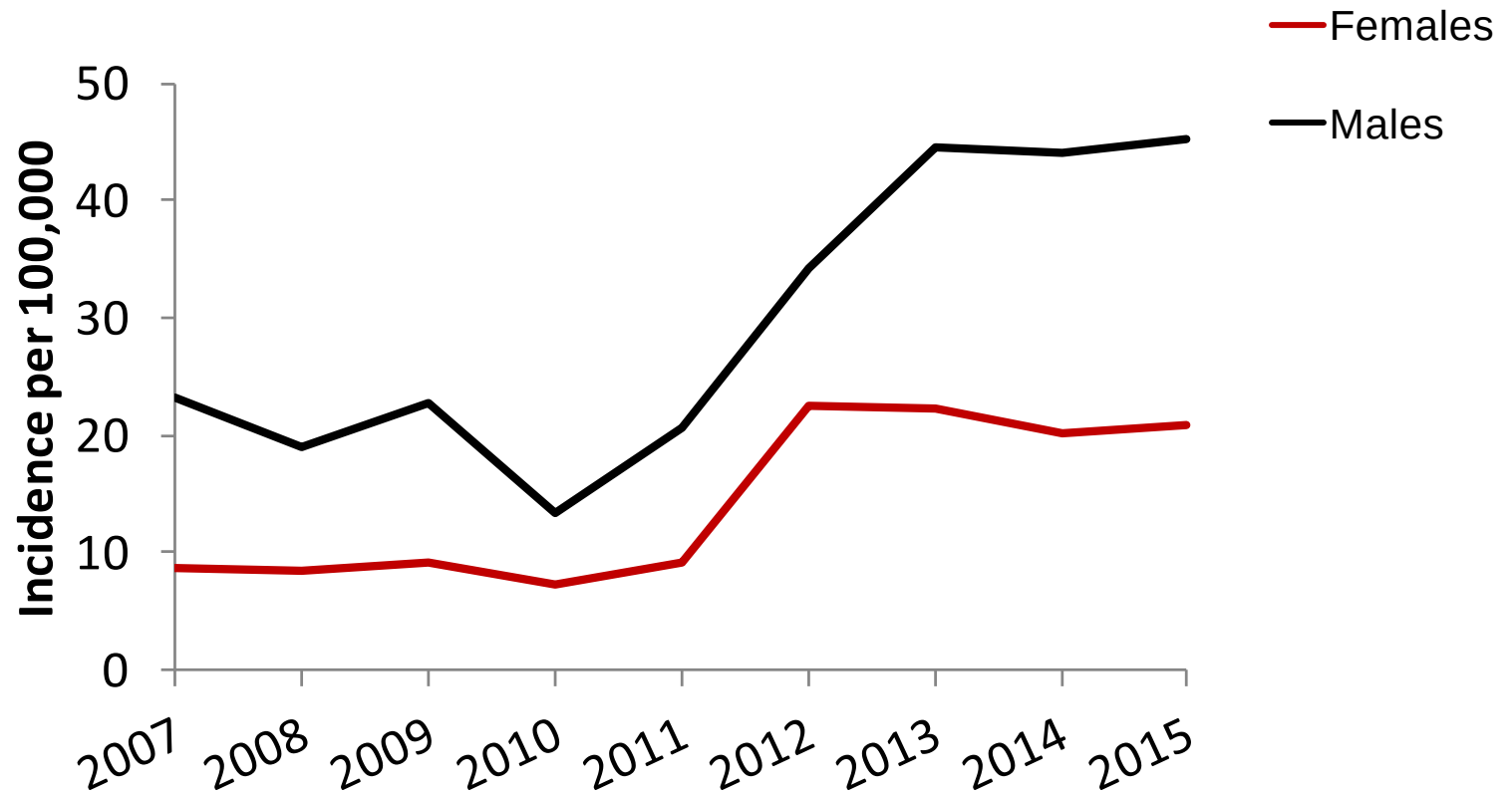
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Gonorrhoea diagnoses made in sexual health clinics, by gender



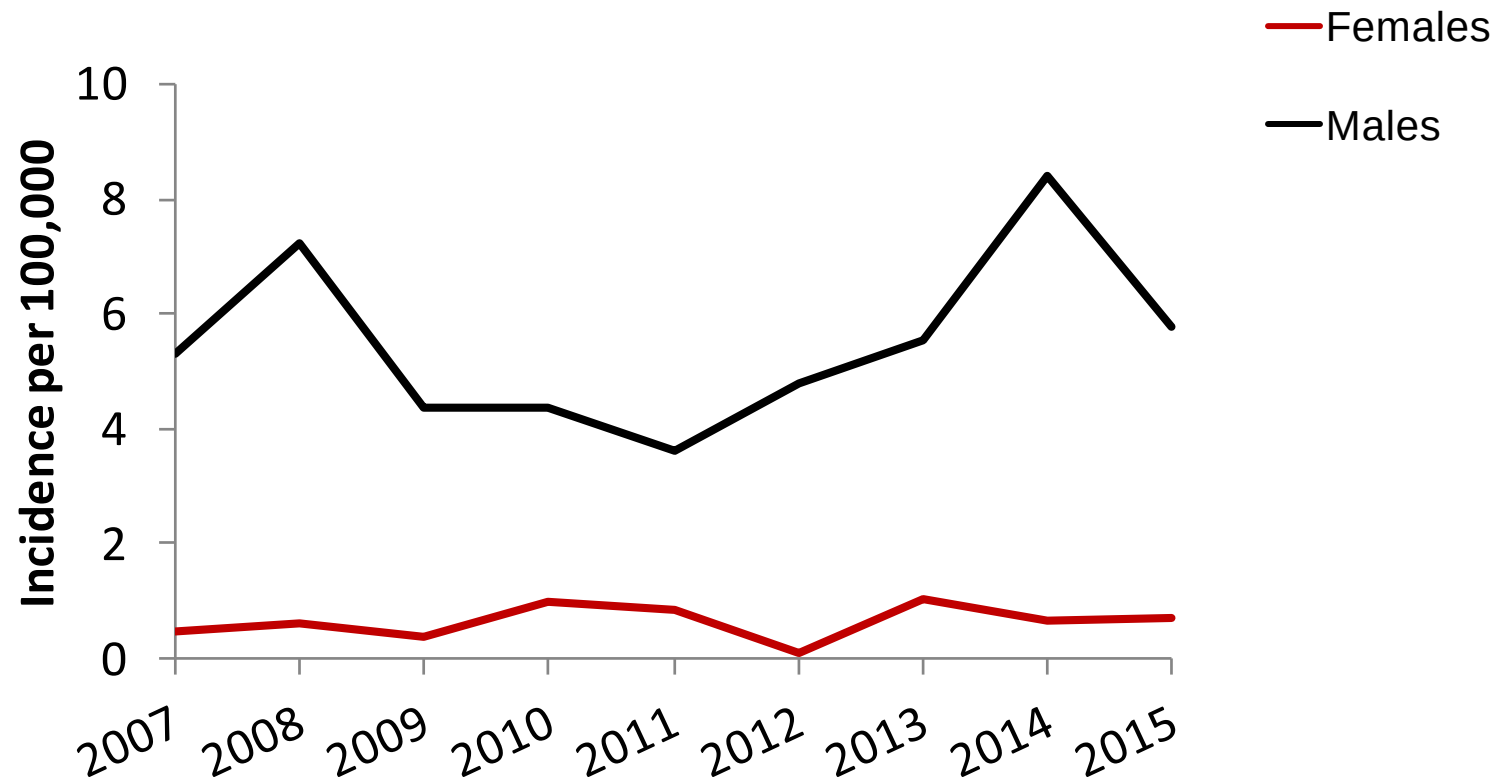
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Syphilis diagnoses made in sexual health clinics, by gender



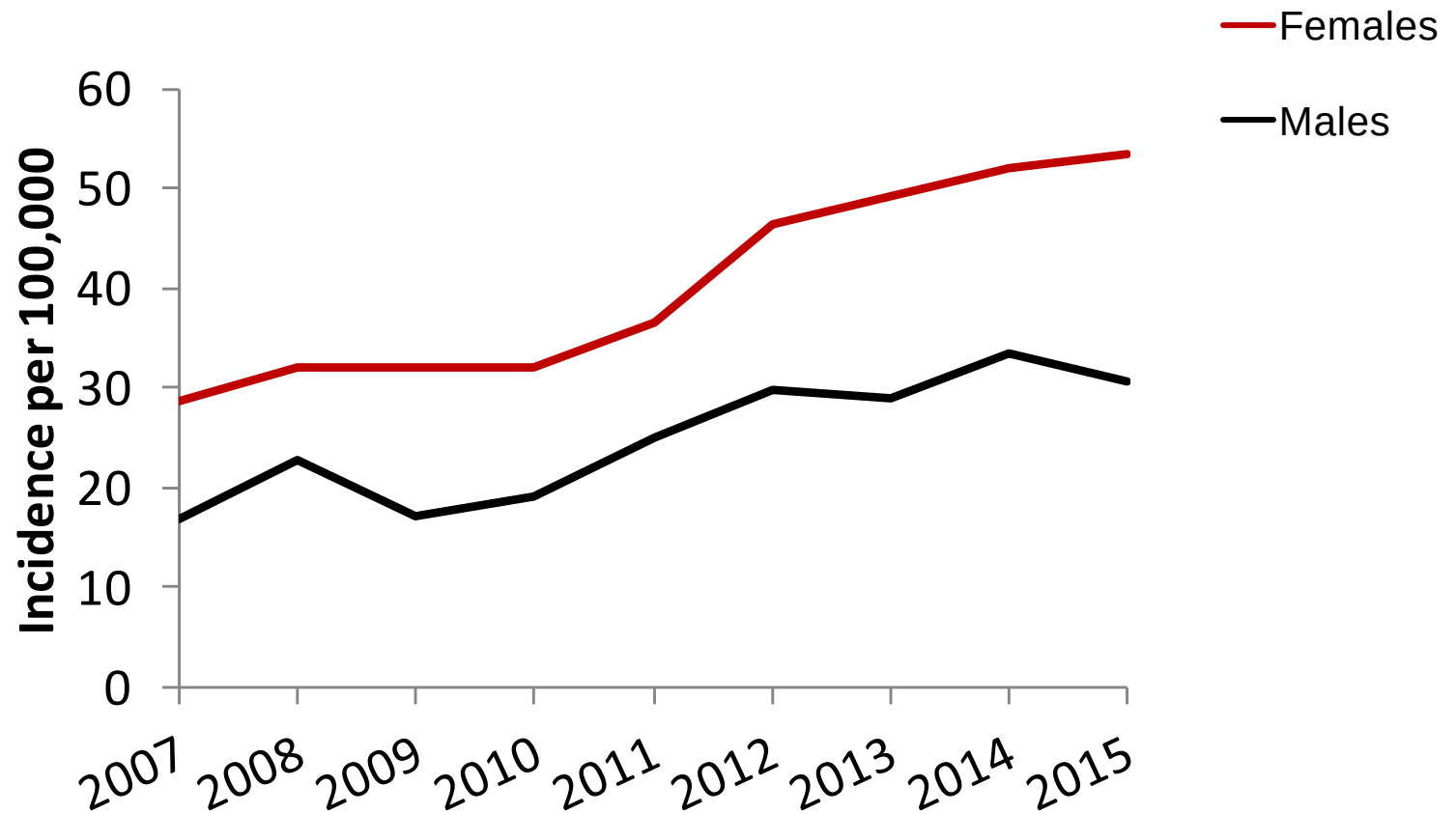
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Genital herpes diagnoses made in sexual health clinics, by gender



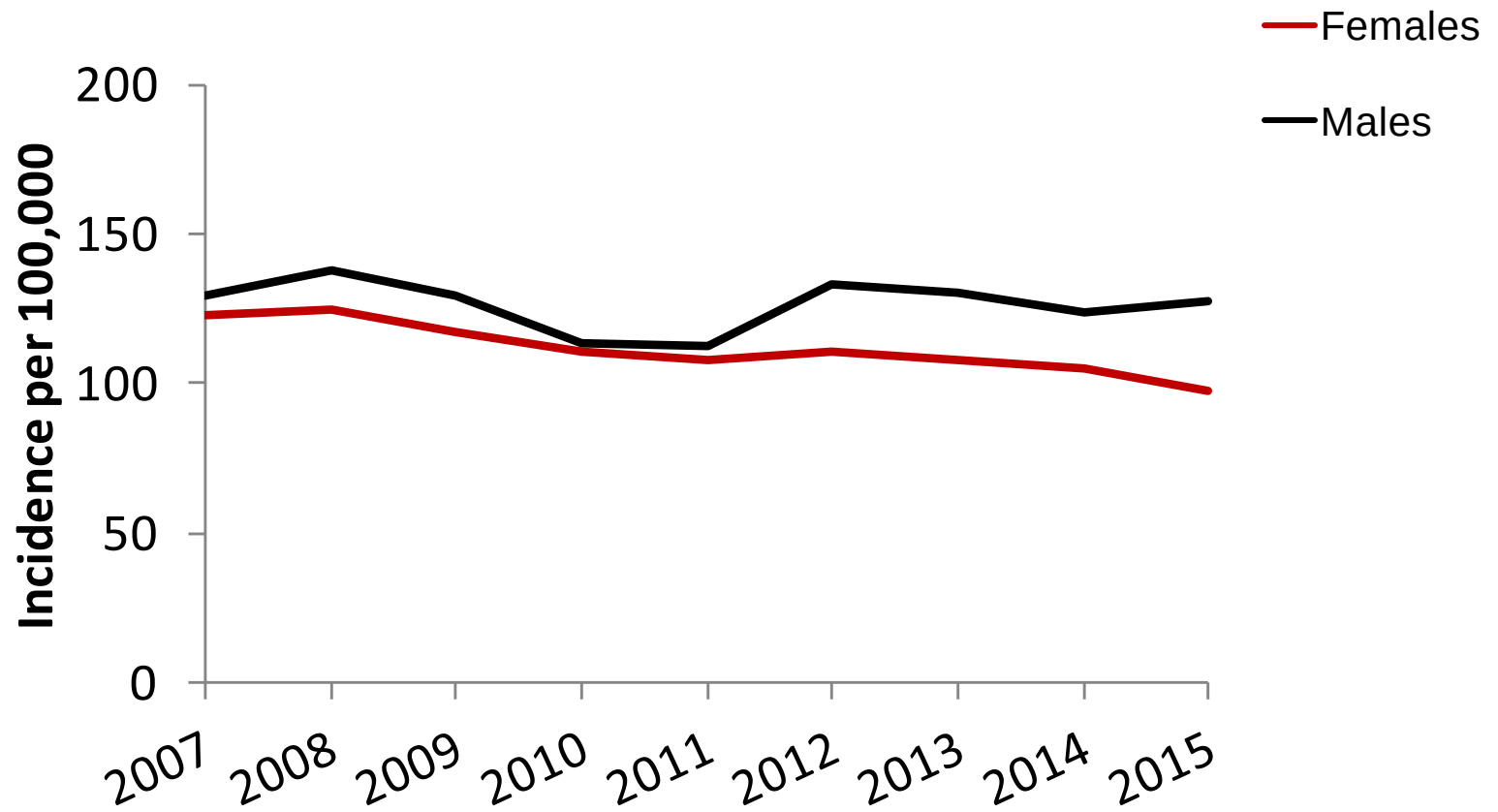
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Genital warts diagnoses made in sexual health clinics, by gender



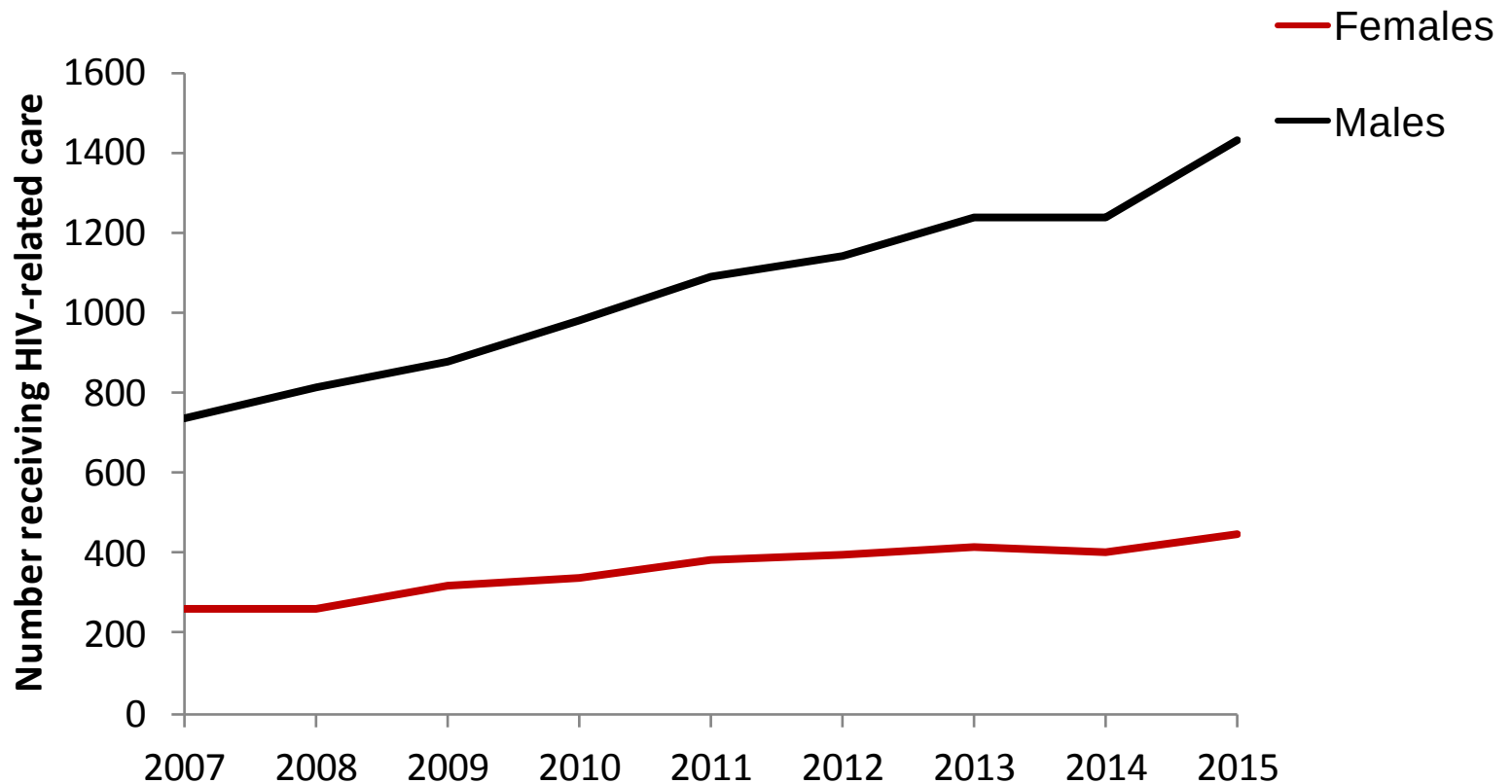
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Individuals resident in Wales receiving HIV-related care



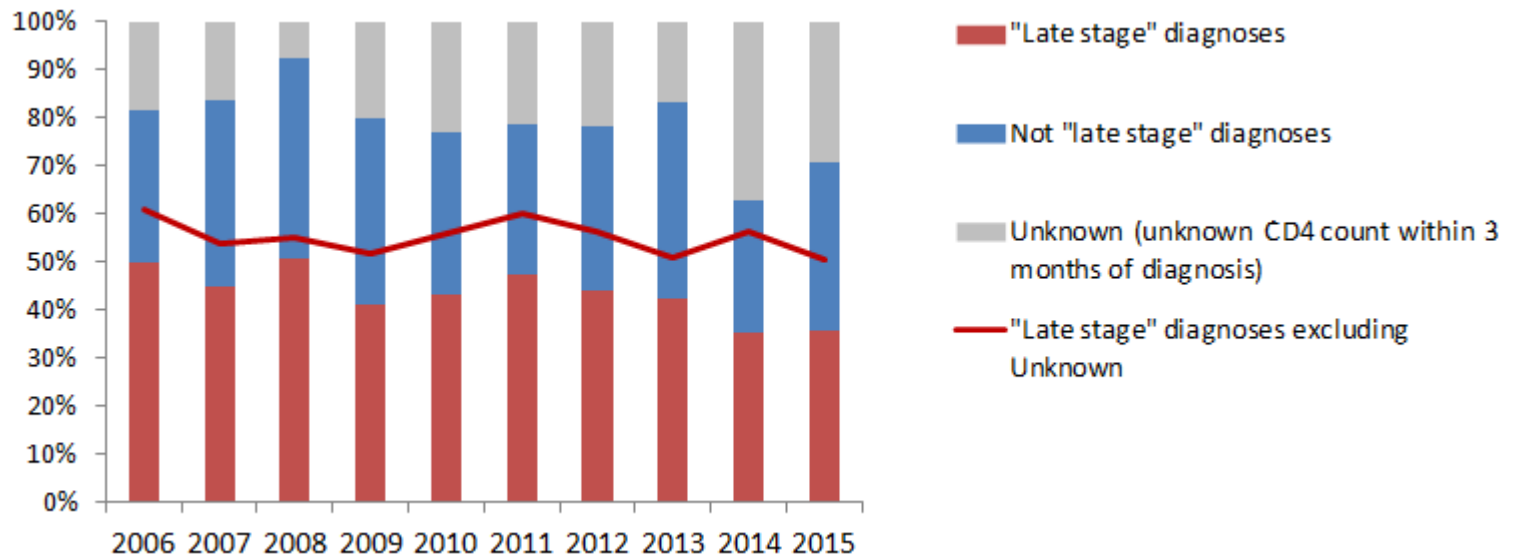
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Proportion newly diagnosed with 'late stage' HIV*



* 'Late stage' HIV diagnosis: CD4 count $<350\text{cell/mm}^3$ within 3 month of diagnosis

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Rates of STI diagnoses made in sexual health clinics by local authority of residence: 2015

● LA rate per 100,000
— Wales rate per 100,000
--- 95% CI for Wales rate

Syphilis¹

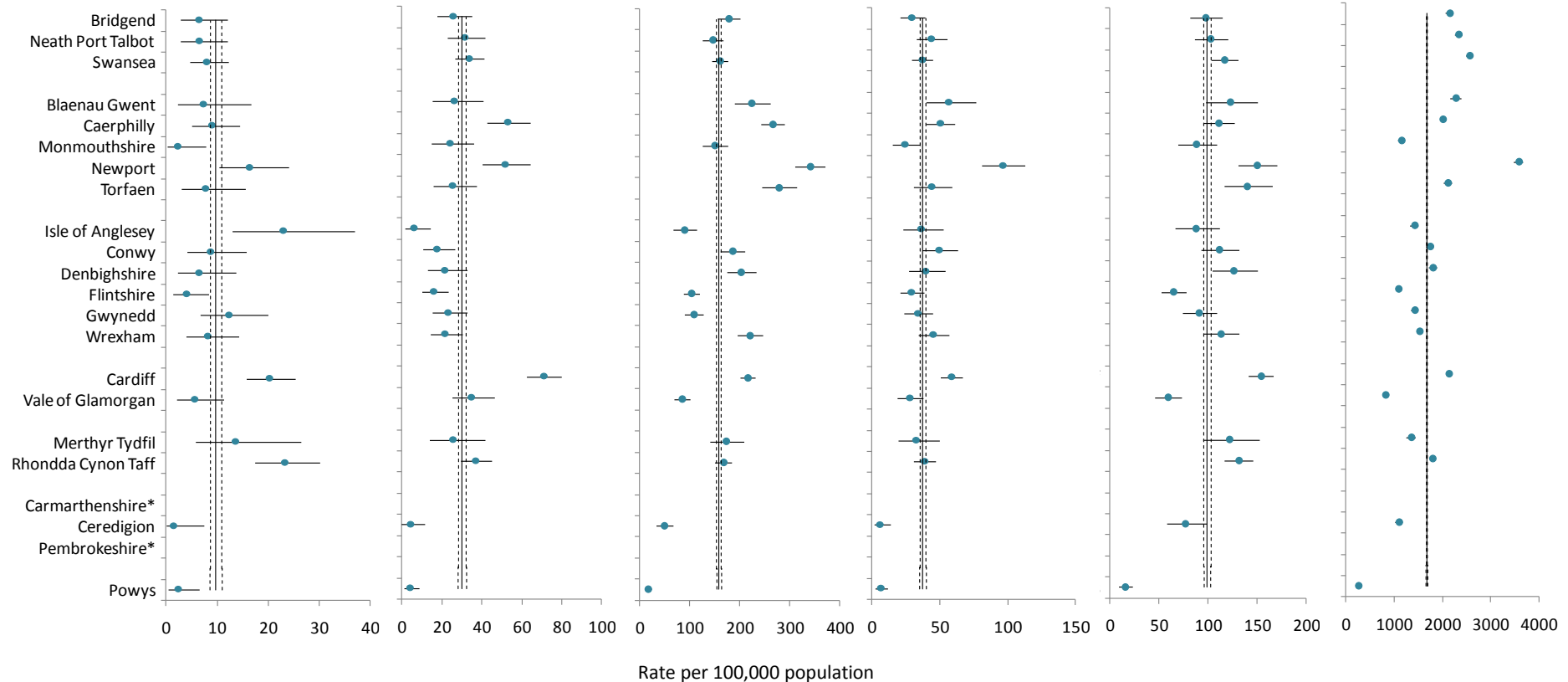
Gonorrhoea

Chlamydia

Genital herpes

Genital warts

STI tests



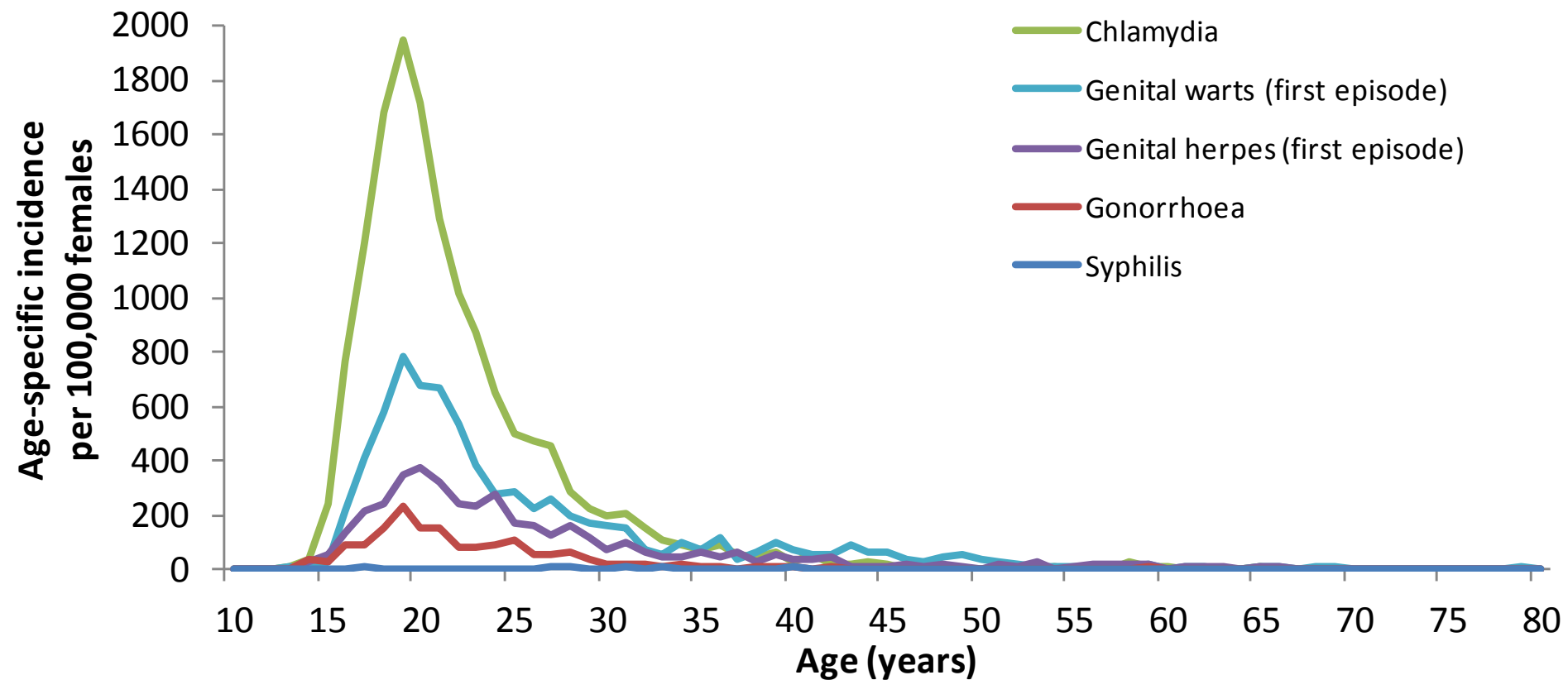
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Age distribution of STI diagnoses amongst females: 2015



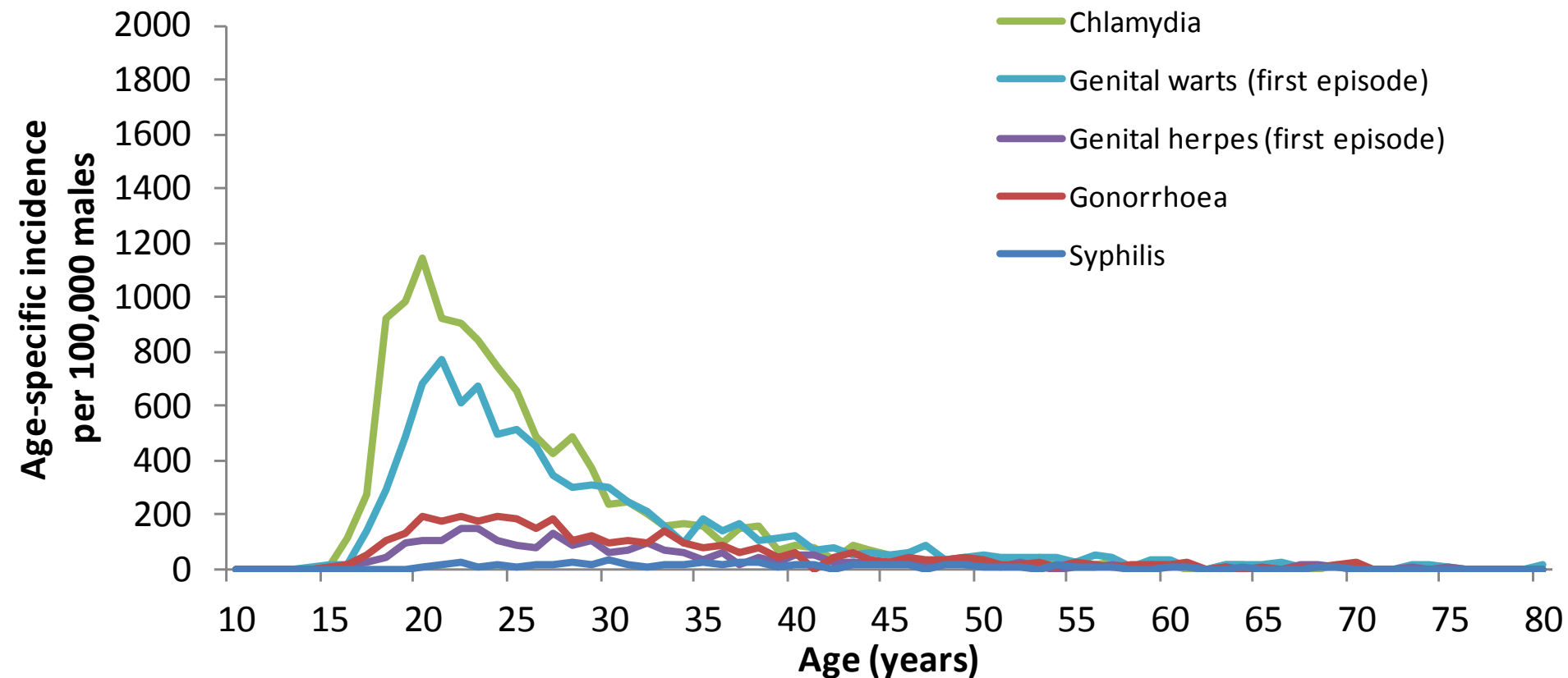
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Age distribution of STI diagnoses amongst males: 2015



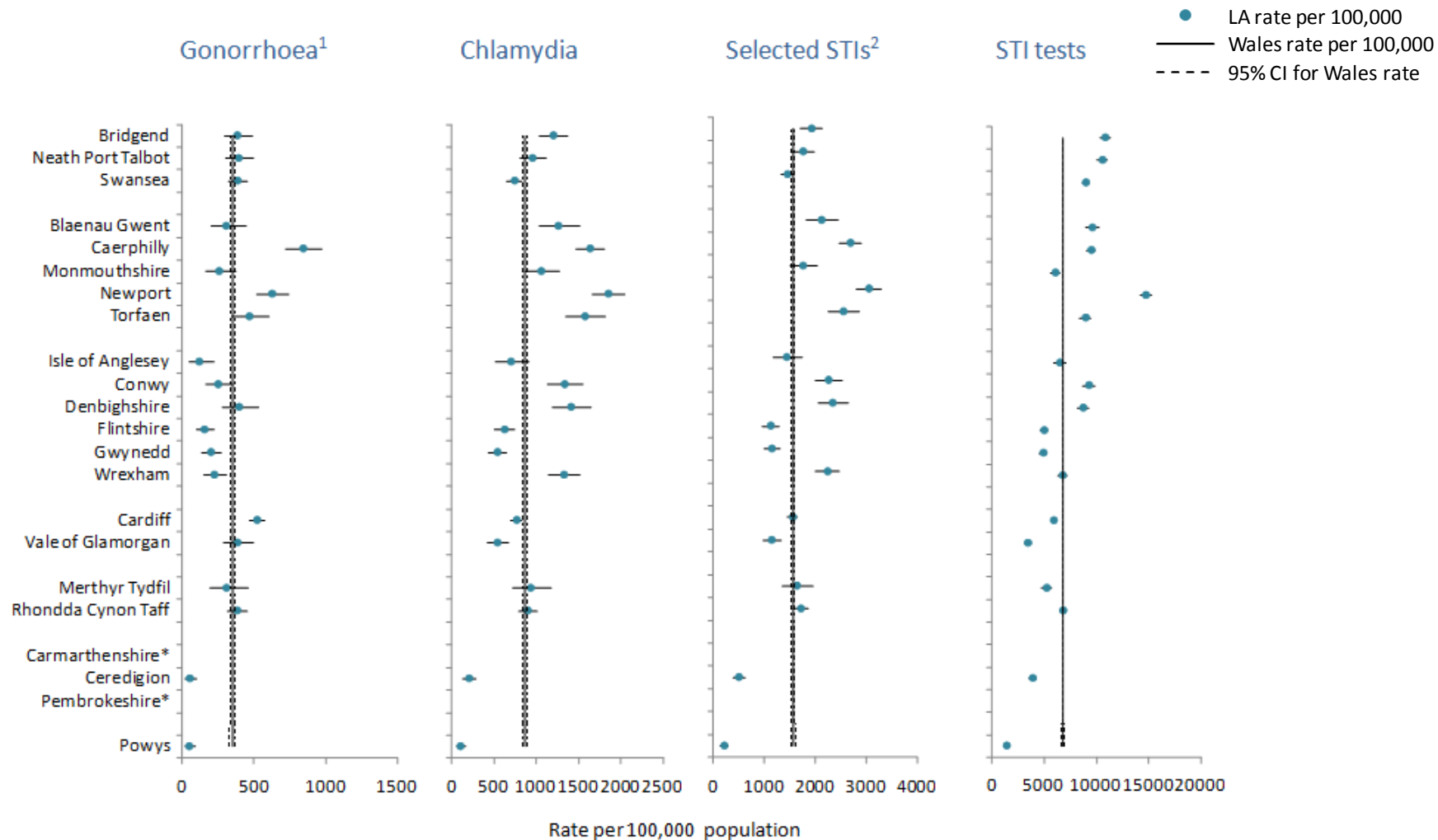
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Rates of STI diagnoses amongst 15-24 year olds made in sexual health clinics by local authority of residence: 2015



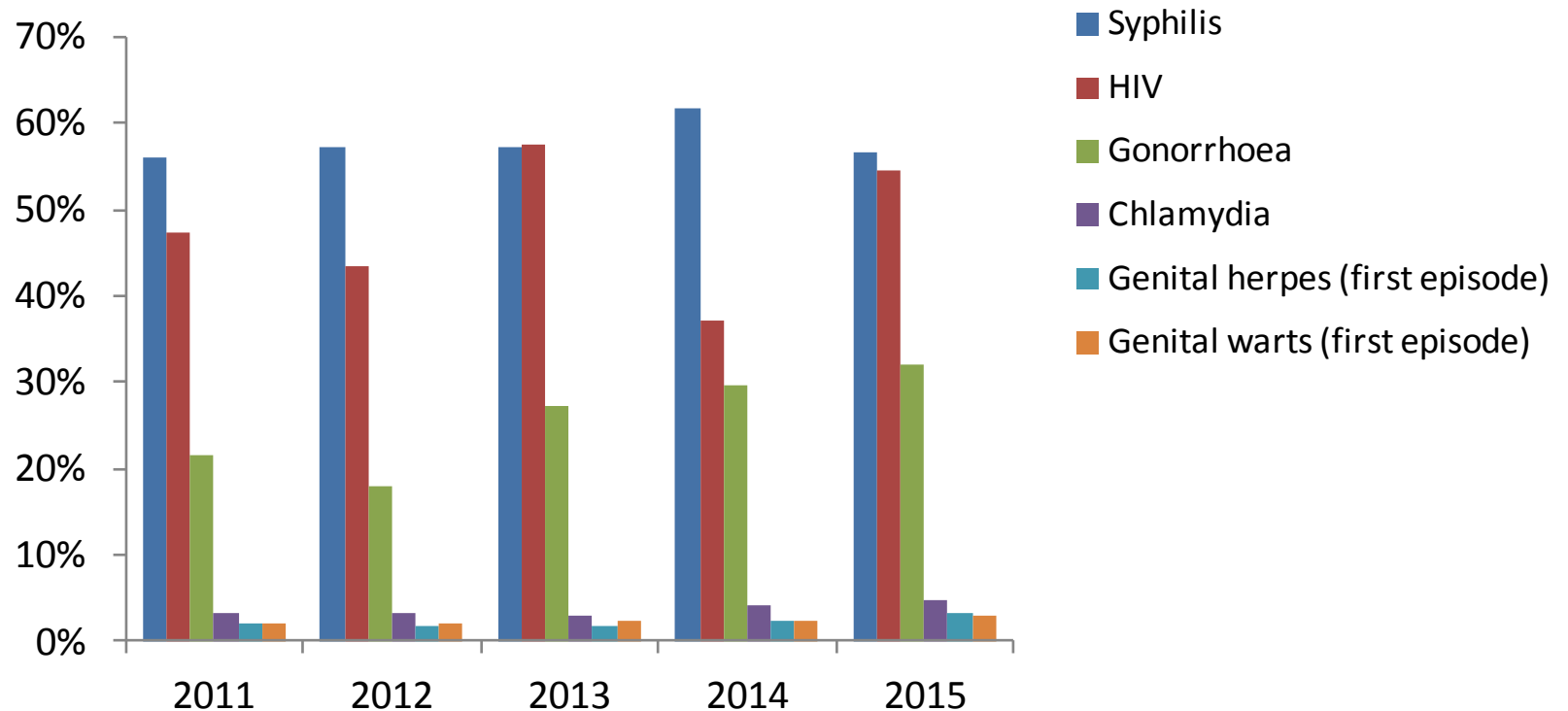
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Proportion of STI and new HIV diagnoses which are among MSM



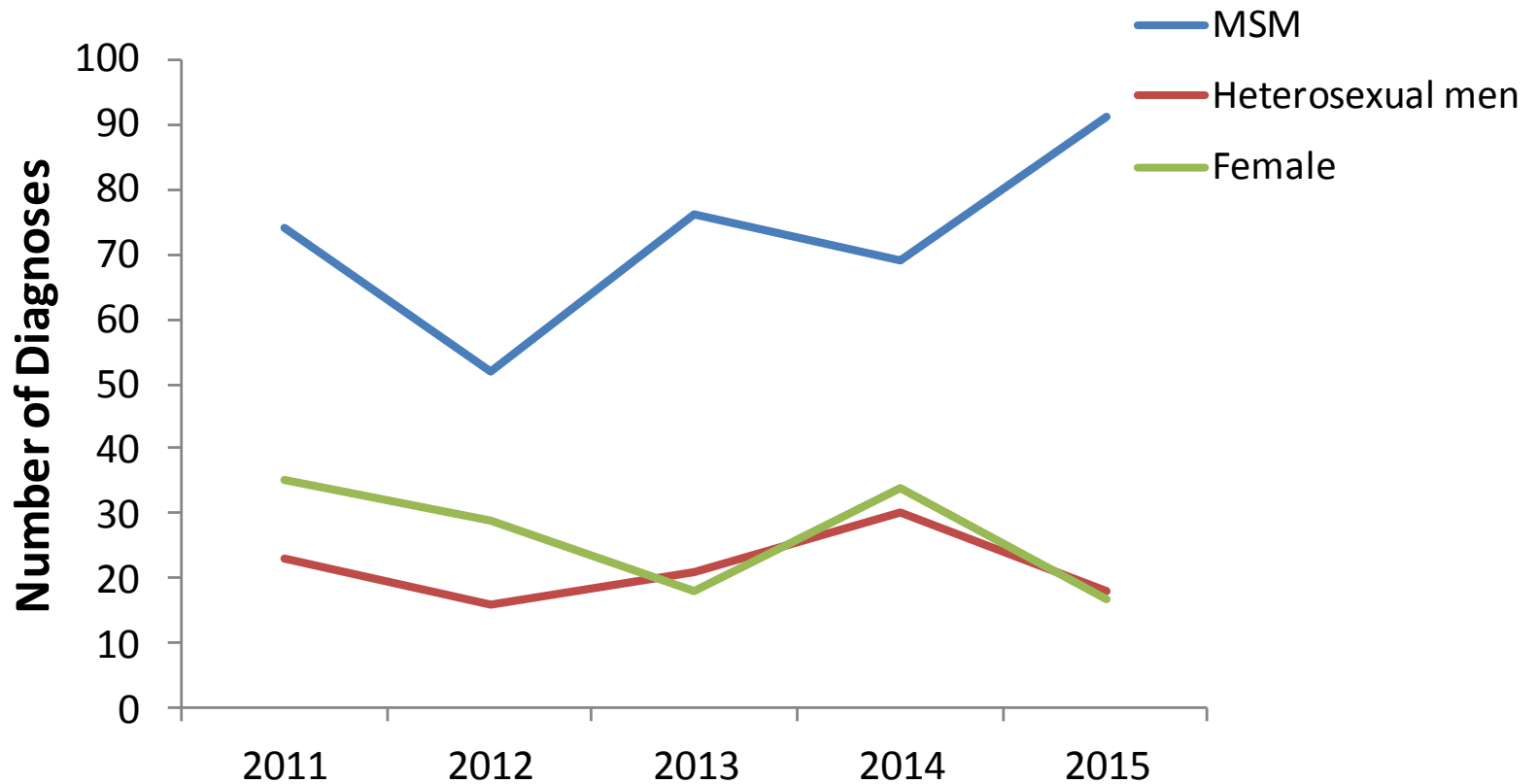
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HIV diagnoses from all healthcare settings across Wales by sexuality



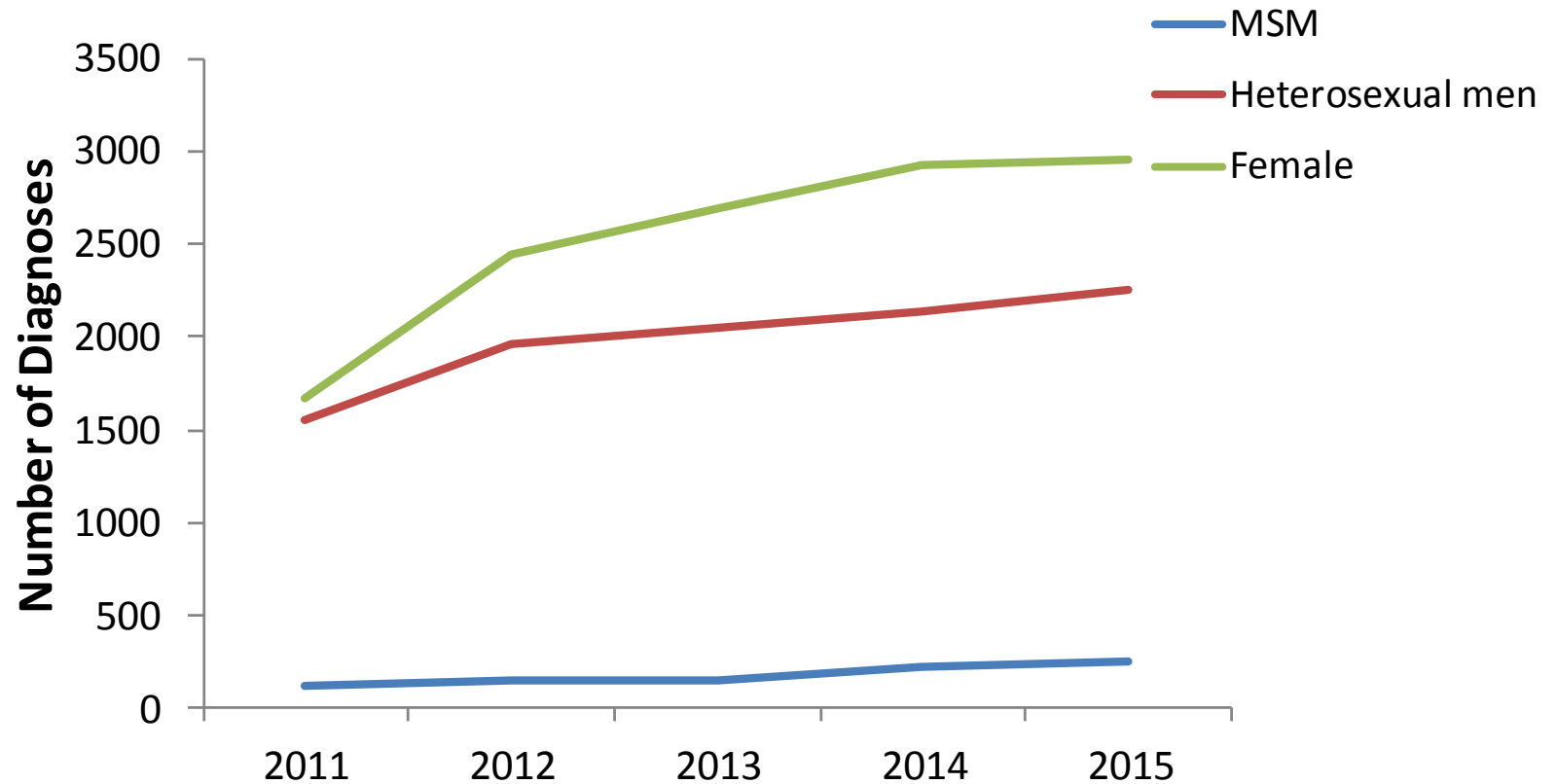
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Chlamydia diagnoses made in sexual health clinics by sexuality



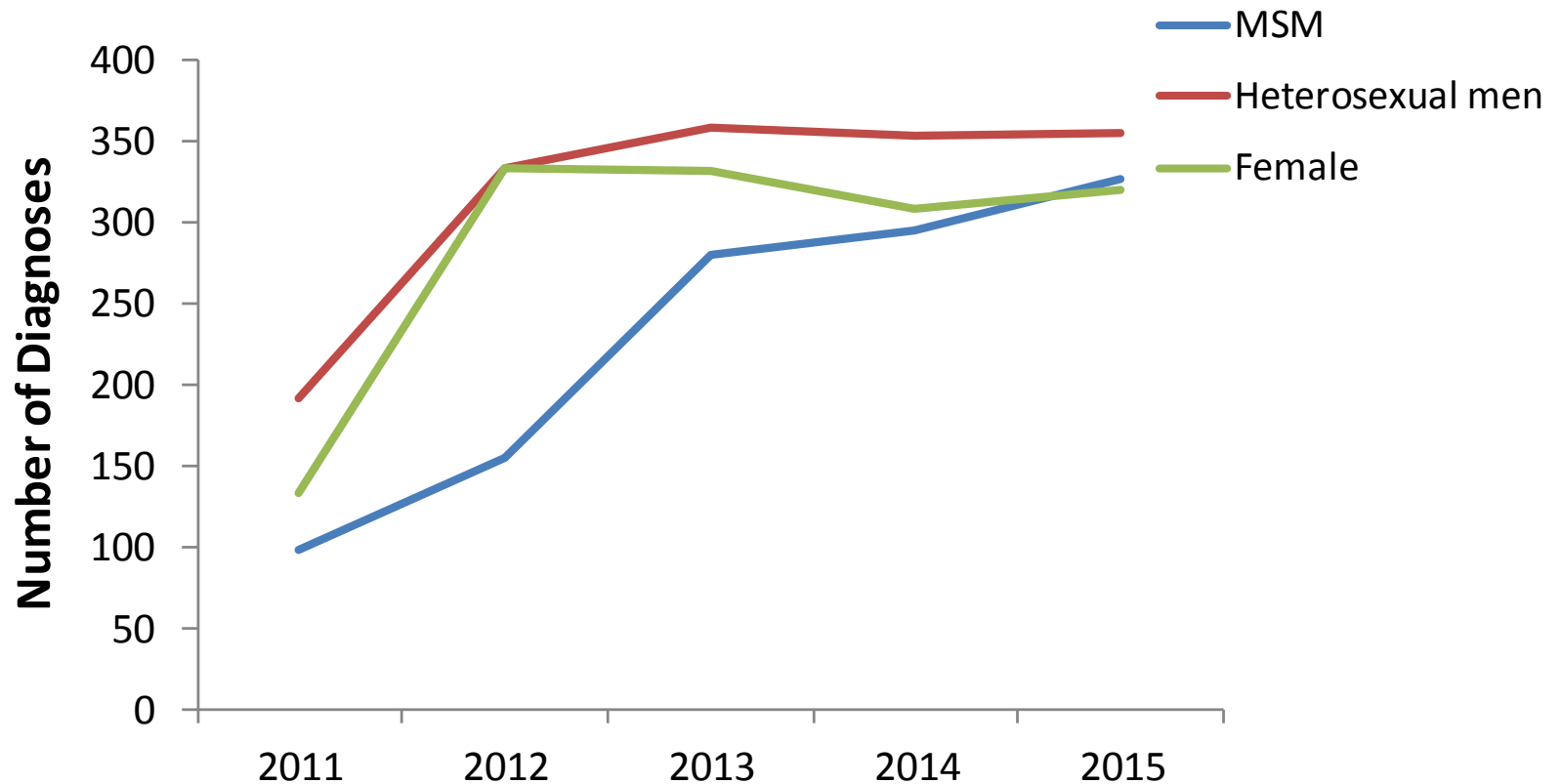
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Gonorrhoea diagnoses made in sexual health clinics by sexuality



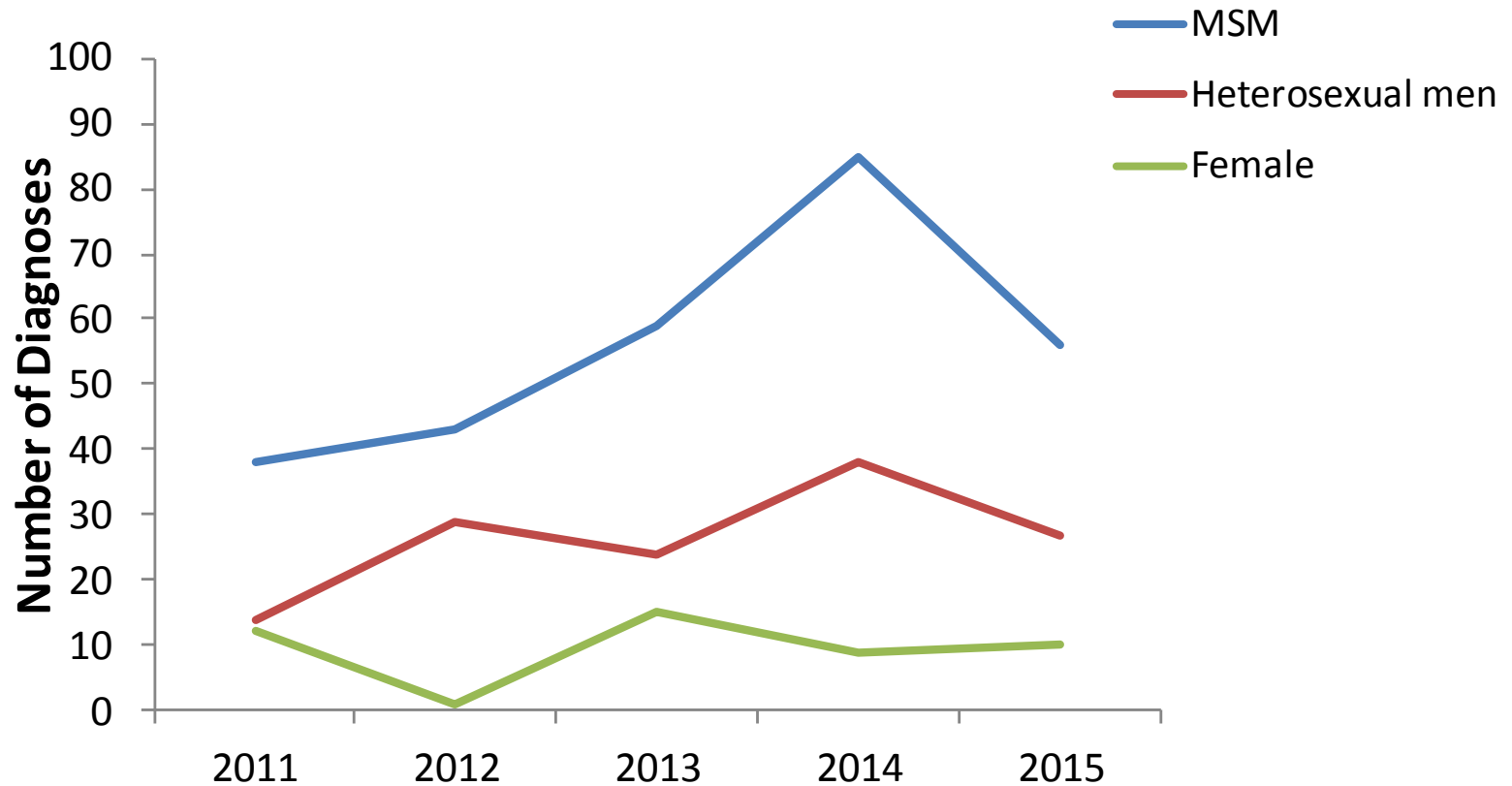
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Syphilis diagnoses made in sexual health clinics by sexuality



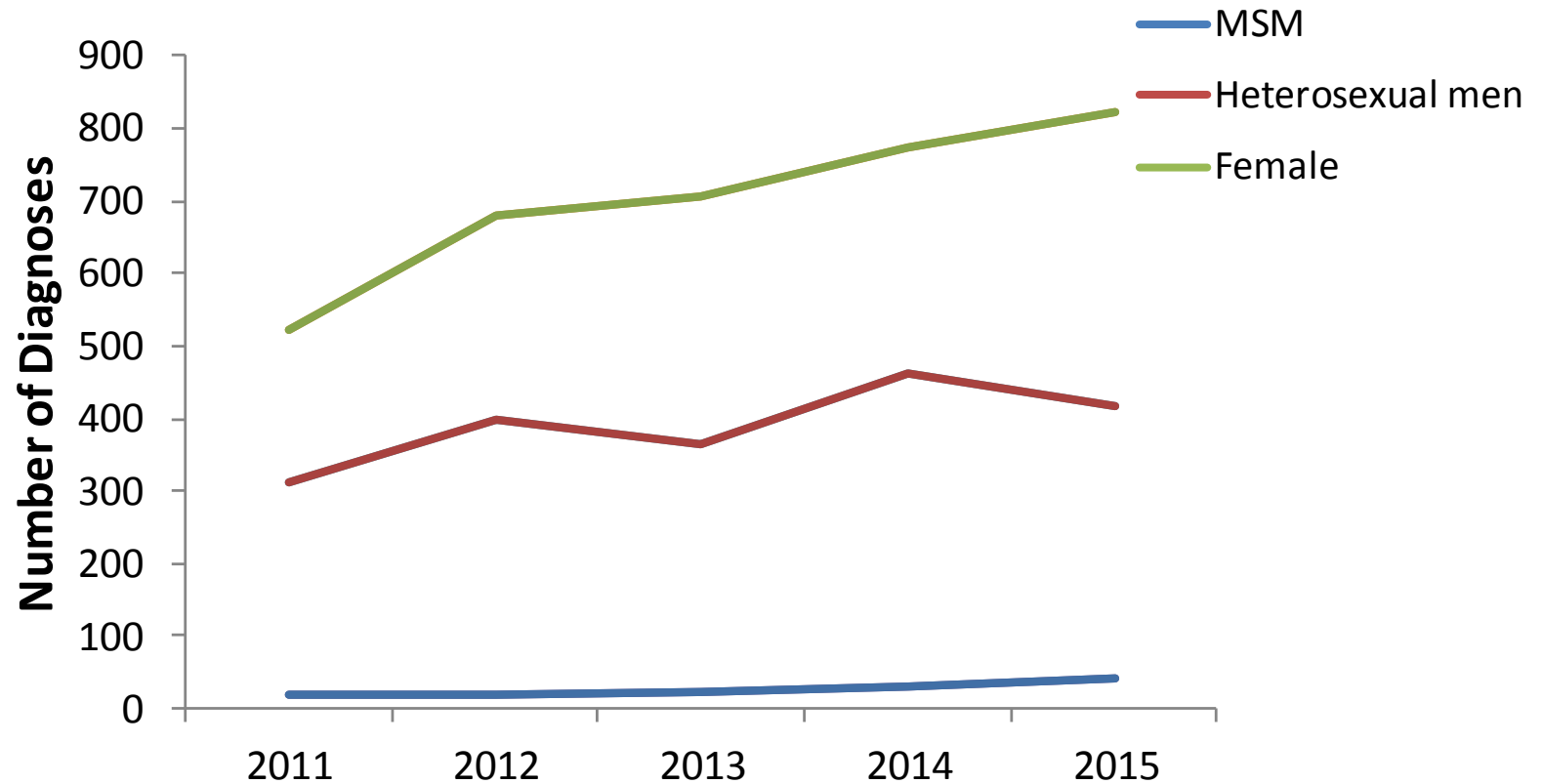
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Genital herpes diagnoses made in sexual health clinics by sexuality



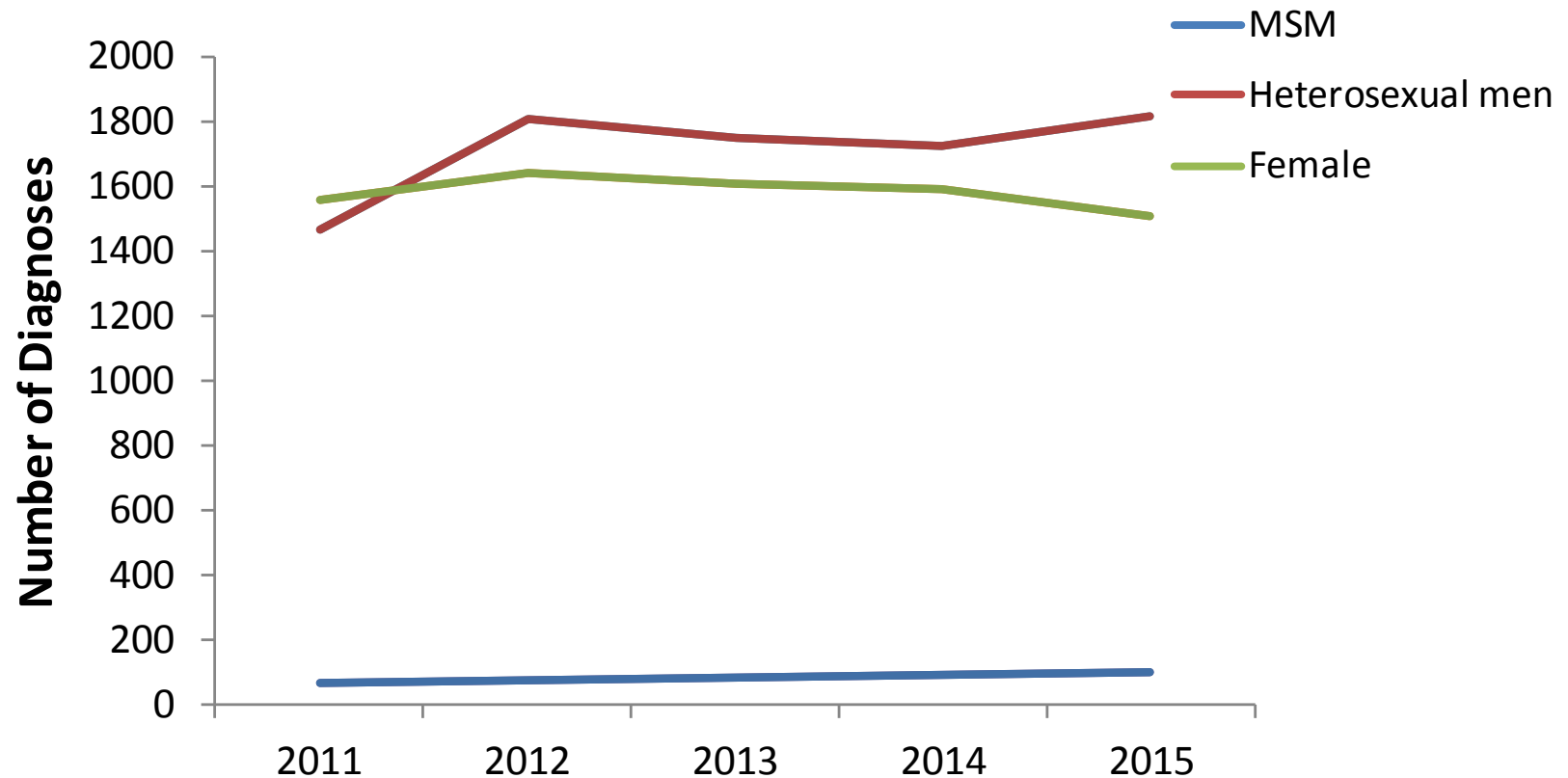
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Genital warts diagnoses made in sexual health clinics by sexuality



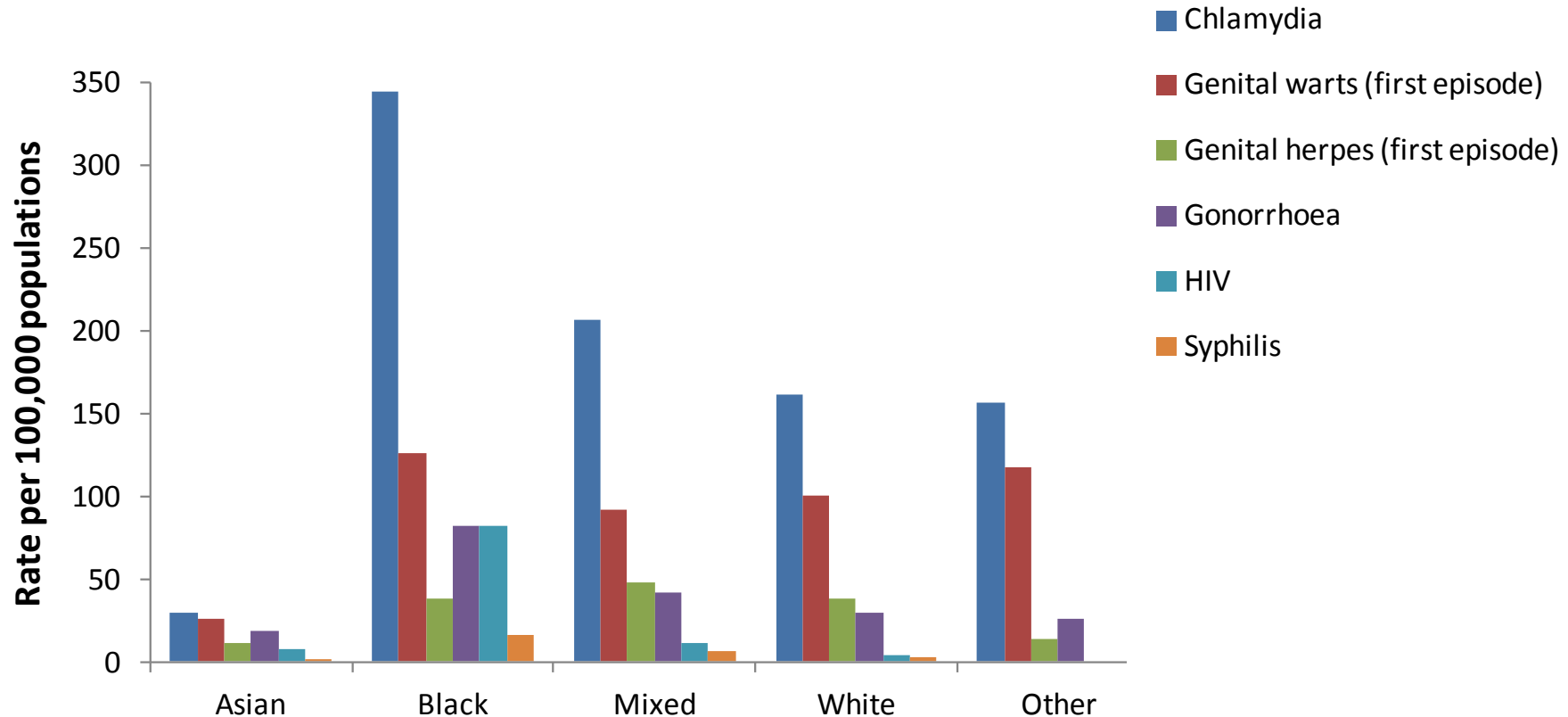
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Rates of STI and new HIV diagnoses by ethnic group, 2015



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Number of attendances at sexual health clinics across Wales

