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HIV and STI trends in Wales

Data tables,
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Purpose and Summary of Documents:

This report presents data on sexually transmitted infections (STI) in Wales. Data are presented to the end of December 2017.

It accompanies a surveillance report summarising HIV and STI trends in Wales, a slide set, infographics and notes on interpretation.

Publication/Distribution:

- Publication on Public Health Wales intranet and internet
- E-mail notification of publication to stakeholders
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Table 1: Numbers and incidences of STI and HIV diagnoses made in sexual health clinics (SHCs), by gender, 2008 to 2017.

STI	Gender	Number										Incidence per 100,000									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Syphilis	Females	9	6	15	13	1	16	10	11	16	20	0.6	0.4	1.0	0.8	0.1	1.0	0.6	0.7	1.0	1.3
	Males	107	65	65	54	72	84	128	90	124	194	7.2	4.4	4.3	3.6	4.8	5.5	8.4	5.9	8.1	12.6
	Total	116	71	80	67	73	100	138	101	140	214	3.8	2.3	2.6	2.2	2.4	3.2	4.5	3.3	4.5	6.9
Gonorrhoea	Females	131	142	114	142	353	349	318	329	356	422	8.5	9.2	7.3	9.1	22.6	22.3	20.2	20.9	22.5	26.7
	Males	279	338	200	311	515	676	672	697	629	768	18.9	22.7	13.4	20.7	34.1	44.6	44.2	45.7	41.0	50.1
	Total	410	481	314	453	868	1,025	990	1,026	985	1,190	13.5	15.8	10.3	14.8	28.2	33.3	32.0	33.1	31.6	38.2
Chlamydia	Females	2,301	2,283	2,114	1,772	2,545	2,818	3,010	3,039	3,580	3,873	148.8	147.2	136.0	113.6	162.7	179.8	191.6	193.1	226.7	245.3
	Males	2,161	2,325	1,796	1,837	2,275	2,429	2,511	2,574	2,987	3,047	146.1	156.3	120.1	122.1	150.7	160.3	165.1	168.7	194.7	198.6
	Total	4,463	4,611	3,910	3,609	4,820	5,247	5,523	5,614	6,567	6,920	147.5	151.7	128.2	117.8	156.8	170.2	178.6	181.2	210.9	222.3
Genital herpes (first episode)	Females	495	496	497	569	725	771	817	844	974	923	32.0	32.0	32.0	36.5	46.4	49.2	52.0	53.6	61.7	58.5
	Males	337	253	286	378	450	437	508	464	561	499	22.8	17.0	19.1	25.1	29.8	28.8	33.4	30.4	36.6	32.5
	Total	832	749	783	947	1,175	1,208	1,325	1,308	1,535	1,422	27.5	24.6	25.7	30.9	38.2	39.2	42.9	42.2	49.3	45.7
Genital warts (first episode)	Females	1,928	1,812	1,714	1,676	1,721	1,676	1,636	1,540	1,460	1,355	124.7	116.8	110.3	107.5	110.0	106.9	104.2	97.9	92.5	85.8
	Males	2,042	1,928	1,699	1,695	1,999	1,975	1,875	1,932	1,820	1,665	138.0	129.6	113.6	112.7	132.4	130.3	123.2	126.6	118.6	108.5
	Total	3,970	3,742	3,413	3,371	3,721	3,651	3,511	3,472	3,280	3,020	131.2	123.1	111.9	110.0	121.0	118.4	113.5	112.0	105.4	97.0
New HIV	Females	28	21	16	13	17	14	23	11	16	16	1.8	1.4	1.0	0.8	1.1	0.9	1.5	0.7	1.0	1.0
	Males	70	56	50	40	48	100	90	76	68	70	4.7	3.8	3.3	2.7	3.2	6.6	5.9	5.0	4.4	4.6
	Total	98	77	66	53	65	114	113	87	84	86	3.2	2.5	2.2	1.7	2.1	3.7	3.7	2.8	2.7	2.8

i) Diagnoses of STIs were reported from SHCs across Wales via SWS

ii) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable

iii) Incidences were calculated per 100,000 gender-specific populations, using mid-year estimates provided by StatsWales

iv) Diagnoses made in clinics in Carmarthenshire and Pembrokeshire, reported on paper SHHAPT forms prior to March 2016, have also been included.

v) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A) and new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B)

Table 2: Rates of gonorrhoea and chlamydia tests reported from SHCs across Wales in 2017, and the percentage of those for whom a positive diagnosis was reported, by local authority and health board of residence.

Residence LA and HB	Gonorrhoea		Chlamydia	
	Tests per 100,000 population	% positive	Tests per 100,000 population	% positive
Bridgend	2,250.4	1.1%	2,250.4	9.1%
Neath Port Talbot	2,653.5	0.6%	2,653.5	7.4%
Swansea	2,848.1	1.0%	2,848.5	9.0%
Abertawe Bro Morgannwg	2,634.3	0.9%	2,634.5	8.6%
Blaenau Gwent	2,932.7	0.6%	2,932.7	8.2%
Caerphilly	2,684.8	1.3%	2,685.3	9.5%
Monmouthshire	1,561.8	1.3%	1,561.8	8.5%
Newport	4,460.0	1.4%	4,460.0	9.5%
Torfaen	3,053.7	1.5%	3,053.7	11.0%
Aneurin Bevan	3,047.3	1.3%	3,047.4	9.5%
Isle of Anglesey	1,219.1	1.6%	1,220.5	8.1%
Conwy	1,927.3	2.6%	1,927.3	10.0%
Denbighshire	1,561.1	2.1%	1,561.1	8.5%
Flintshire	1,069.2	1.6%	1,069.8	10.4%
Gwynedd	1,413.1	1.1%	1,415.5	9.5%
Wrexham	1,507.6	2.3%	1,508.3	12.5%
Betsi Cadwaladr	1,442.2	2.0%	1,443.0	10.1%
Cardiff	3,182.3	3.3%	3,183.1	10.6%
Vale of Glamorgan	1,692.3	2.3%	1,692.3	14.4%
Cardiff and Vale	2,791.6	3.1%	2,792.2	11.2%
Merthyr Tydfil	1,486.4	1.5%	1,493.1	12.5%
Rhondda Cynon Taff	1,675.6	1.9%	1,680.2	11.0%
Cwm Taf	1,637.6	1.8%	1,642.6	11.3%
Carmarthenshire	1,842.0	1.1%	1,842.0	11.6%
Ceredigion	1,715.5	1.4%	1,716.9	9.1%
Pembrokeshire	1,745.8	0.7%	1,745.8	6.9%
Hywel Dda	1,786.5	1.0%	1,786.8	9.7%
Powys	356.4	0.0%	357.1	8.5%
Powys Teaching	356.4	0.0%	357.1	8.5%
Wales	2,173.5	1.7%	2,174.4	9.9%

- i) Diagnoses of STIs and the tests performed were reported from SHCs across Wales via SWS
- ii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence local authority (LA) was provided were included
- iii) The following KC60/SHHAPT codes were used: gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), gonorrhoea tests (S1, S2, T2, T3, T4) and chlamydia tests (S1, S2, T1, T2, T3, T4)
- iv) LA-specific rates were calculated using mid-year population estimates provided by StatsWales

Table 3i: Rates per 100,000 population of syphilis diagnosed in SHCs across Wales, 2011-2017, by gender, local authority and health board of residence.

Residence LA and HB	Syphilis														
	Female							Male							
	2011	2012	2013	2014	2015	2016	2017	2011	2012	2013	2014	2015	2016	2017	
Bridgend	2.8	0.0	1.4	1.4	0.0	0.0	2.8	11.6	11.6	0.0	5.7	4.3	9.9	7.0	
Neath Port Talbot	0.0	0.0	2.8	0.0	1.4	2.8	0.0	0.0	2.9	2.9	4.4	1.4	7.2	14.4	
Swansea	0.8	0.0	0.8	0.8	0.0	1.6	0.8	0.8	3.4	3.4	5.0	5.8	9.0	13.9	
Abertawe Bro Morgannwg	1.1	0.0	1.5	0.8	0.4	1.5	1.1	3.5	5.5	2.3	5.0	4.2	8.8	12.2	
Blaenau Gwent	0.0	0.0	0.0	2.8	2.8	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	8.8	
Caerphilly	0.0	0.0	2.2	2.2	2.2	2.2	0.0	1.1	4.6	8.0	2.3	1.1	10.2	12.4	
Monmouthshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	2.2	0.0	2.2	4.4	21.8	
Newport	2.7	0.0	1.3	1.3	1.3	1.3	1.3	5.6	4.2	7.0	11.1	9.7	5.5	24.6	
Torfaen	4.3	0.0	0.0	0.0	0.0	2.1	0.0	0.0	6.7	6.7	9.0	0.0	4.5	13.4	
Aneurin Bevan	1.4	0.0	1.0	1.4	1.3	1.3	0.3	2.5	3.5	6.0	5.3	3.5	6.3	16.7	
Isle of Anglesey	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	2.9	32.0	14.5	0.0	0.0	2.9	
Conwy	0.0	0.0	0.0	0.0	0.0	0.0	3.3	7.2	0.0	7.1	8.9	1.8	15.9	17.6	
Denbighshire	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.3	0.0	0.0	6.4	4.3	4.3	6.4	
Flintshire	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	2.6	5.3	0.0	1.3	7.9	
Gwynedd	0.0	0.0	0.0	1.6	0.0	0.0	0.0	6.7	3.3	8.3	13.2	3.3	1.6	4.9	
Wrexham	0.0	0.0	2.9	0.0	0.0	1.5	1.5	0.0	1.5	2.9	1.5	8.8	10.2	4.4	
Betsi Cadwaladr	0.0	0.0	0.6	0.6	0.0	0.3	1.1	3.5	1.2	7.0	7.6	3.2	5.8	7.6	
Cardiff	0.6	0.0	1.1	0.0	0.0	1.1	0.0	5.3	11.1	6.9	17.8	15.9	21.9	28.1	
Vale of Glamorgan	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.2	1.6	1.6	6.4	3.2	6.4	11.2	
Cardiff and Vale	0.4	0.0	0.8	0.0	0.0	1.2	0.0	4.7	8.6	5.5	14.8	12.6	17.9	23.7	
Merthyr Tydfil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9	6.9	13.8	10.3	6.8	0.0	
Rhondda Cynon Taf	2.5	0.8	2.5	0.8	3.3	1.6	5.8	1.7	6.9	10.4	19.8	10.3	7.7	12.0	
Cwm Taf	2.0	0.7	2.0	0.7	2.6	1.3	4.6	2.8	6.9	9.7	18.6	10.3	7.5	9.6	
Carmarthenshire*	0.0	0.0	0.0	0.0	0.0	1.1	1.1	0.0	4.4	1.1	0.0	0.0	2.2	3.3	
Ceredigion	0.0	0.0	0.0	0.0	0.0	0.0	5.4	2.7	0.0	0.0	2.6	0.0	0.0	2.7	
Pembrokeshire*	0.0	0.0	0.0	0.0	0.0	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.6	
Hywel Dda	0.0	0.0	0.0	0.0	0.0	1.0	2.1	0.5	2.1	0.5	0.5	0.0	1.1	4.2	
Powys Teaching	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.5	0.0	0.0	3.0	4.6	1.5	
Wales	0.7	0.1	0.9	0.6	0.6	1.0	1.2	2.9	4.2	4.9	7.7	5.2	7.8	12.1	

*diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as residence data were not available. i) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable. ii) Diagnoses of STIs were reported from SHCs across Wales via SWS. iii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence LA was provided were included. iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A), new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B) and STI tests (S1, S2, T1, T2, T3, T4) v) Gender- and LA-specific rates were calculated using mid-year estimates provided by StatsWales

Table 3ii: Rates per 100,000 population of gonorrhoea diagnosed in SHCs across Wales, 2011-2017, by gender, local authority and health board of residence.

Residence LA and HB	Gonorrhoea													
	Female							Male						
	2011	2012	2013	2014	2015	2016	2017	2011	2012	2013	2014	2015	2016	2017
Bridgend	9.9	24.0	23.9	19.6	20.9	15.2	22.2	13.1	33.3	60.6	31.6	29.9	36.6	25.4
Neath Port Talbot	1.4	22.4	19.6	22.4	20.9	19.4	18.1	2.9	23.3	24.8	31.9	41.9	23.0	11.5
Swansea	1.7	19.8	25.6	16.5	15.6	15.5	18.0	11.9	37.1	60.4	40.8	51.3	39.2	38.4
Abertawe Bro Morgannwg	3.8	21.6	23.5	18.9	18.5	16.5	19.1	9.8	32.4	51.0	36.0	43.0	34.2	27.8
Blaenau Gwent	14.1	25.3	39.5	33.9	17.0	14.1	0.0	23.3	20.4	40.8	40.8	40.9	35.0	37.9
Caerphilly	11.0	37.2	38.3	61.0	50.0	15.2	26.1	39.9	44.4	69.5	62.4	55.5	36.2	44.1
Monmouthshire	2.1	8.6	12.8	2.1	21.3	4.3	8.5	8.9	17.8	22.1	30.8	30.8	24.0	32.8
Newport	44.4	37.6	38.8	29.4	33.2	30.3	46.1	54.6	61.5	75.1	68.0	67.6	64.1	81.8
Torfaen	17.1	44.8	36.3	19.2	19.1	14.8	33.9	31.5	42.7	38.2	64.9	35.7	33.5	60.2
Aneurin Bevan	19.4	32.6	34.2	33.8	32.4	17.1	26.6	35.4	41.3	55.0	56.6	49.8	40.8	53.7
Isle of Anglesey	2.8	2.8	0.0	5.6	2.8	11.3	22.6	5.8	17.4	29.1	14.5	8.7	11.7	17.5
Conwy	11.8	20.1	8.4	11.7	8.4	35.1	45.2	14.3	25.1	16.0	17.7	26.5	40.5	56.4
Denbighshire	14.6	31.4	14.6	22.9	25.0	16.6	18.7	13.0	23.8	21.5	8.6	17.1	21.4	47.1
Flintshire	1.3	6.5	9.0	9.0	10.2	12.8	17.9	8.0	14.6	13.2	4.0	21.1	19.7	15.8
Gwynedd	1.6	4.8	3.2	6.5	14.5	12.8	11.2	6.7	21.6	28.2	28.1	31.2	21.2	21.2
Wrexham	5.9	4.4	8.8	10.2	16.1	19.0	24.8	14.9	13.3	14.7	17.6	26.4	26.4	45.4
Betsi Cadwaladr	6.0	11.1	7.7	10.8	13.1	18.2	23.3	10.6	18.8	19.4	14.9	23.1	24.2	33.8
Cardiff	14.2	41.2	39.7	36.7	34.7	63.3	69.8	34.7	59.6	92.1	117.6	111.6	97.1	138.7
Vale of Glamorgan	6.2	6.1	16.8	18.3	13.7	33.3	27.3	11.3	22.7	33.9	33.8	56.5	46.4	49.6
Cardiff and Vale	12.1	31.8	33.6	31.8	29.1	55.3	58.6	28.5	49.8	76.7	95.6	97.2	84.0	115.5
Merthyr Tydfil	0.0	13.3	39.8	13.3	23.1	16.4	16.4	10.4	20.8	38.1	24.2	27.5	37.4	27.2
Rhondda Cynon Taf	3.3	15.0	23.2	18.2	33.1	15.6	14.8	19.2	26.0	38.1	50.8	43.8	43.6	49.6
Cwm Taf	2.7	14.6	26.5	17.2	31.1	15.8	15.1	17.4	25.0	38.1	45.5	40.5	42.4	45.1
Carmarthenshire*	0.0	3.2	3.2	1.1	1.1	9.5	10.6	0.0	14.4	13.3	11.1	6.6	20.9	28.6
Ceredigion	0.0	5.3	2.6	2.7	0.0	5.4	24.4	2.7	5.3	7.9	15.8	8.0	10.8	24.2
Pembrokeshire*	0.0	0.0	0.0	0.0	0.0	9.5	11.1	1.7	0.0	3.3	0.0	0.0	6.6	13.1
Hywel Dda	0.0	2.6	2.1	1.0	0.5	8.7	13.3	1.1	8.0	9.0	8.5	4.8	14.3	22.8
Powys Teaching	0.0	0.0	6.0	1.5	1.5	1.5	0.0	3.0	9.1	10.7	4.6	4.6	1.5	0.0
Wales	7.8	18.9	20.4	18.8	19.8	21.5	25.8	17.0	28.9	40.4	40.5	41.6	37.9	47.6

*diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as residence data were not available. i) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable. ii) Diagnoses of STIs were reported from SHCs across Wales via SWS. iii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence LA was provided were included. iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A), new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B) and STI tests (S1, S2, T1, T2, T3, T4) v) Gender- and LA-specific rates were calculated using mid-year estimates provided by StatsWales

Table 3iii: Rates per 100,000 population of chlamydia diagnosed in SHCs across Wales, 2011-2017, by gender, local authority and health board of residence.

Residence LA and HB	Chlamydia														
	Female							Male							
	2011	2012	2013	2014	2015	2016	2017	2011	2012	2013	2014	2015	2016	2017	
Bridgend	45.4	187.9	243.2	275.5	218.7	286.6	245.0	58.1	139.2	190.4	157.8	135.1	173.4	162.1	
Neath Port Talbot	26.6	195.6	197.4	210.9	164.4	256.9	254.1	40.9	147.4	150.4	120.5	125.7	182.5	138.0	
Swansea	43.1	165.2	179.2	163.3	195.0	255.3	271.7	69.5	140.0	127.5	128.3	124.1	218.3	238.7	
Abertawe Bro Morgannwg	39.2	179.6	201.4	206.5	193.2	264.2	259.7	58.8	141.7	150.6	134.2	127.5	196.7	191.4	
Blaenau Gwent	98.6	138.0	188.9	194.9	282.9	322.6	285.8	151.6	107.8	163.2	204.2	178.4	192.5	195.4	
Caerphilly	111.9	139.1	180.5	340.8	336.1	294.4	287.9	142.6	147.0	160.6	241.8	209.7	218.3	220.6	
Monmouthshire	60.2	62.2	79.0	127.8	163.9	148.8	150.9	71.2	75.5	88.4	125.6	149.5	163.8	113.6	
Newport	248.7	344.8	389.7	407.7	413.0	478.6	470.7	219.9	258.5	326.9	334.5	291.2	368.3	377.9	
Torfaen	171.1	196.2	213.3	328.1	312.4	288.1	366.4	180.1	195.6	258.3	252.9	241.1	269.8	303.3	
Aneurin Bevan	146.1	187.9	223.5	304.5	318.3	320.7	325.0	157.7	166.7	206.9	244.0	222.0	252.9	253.6	
Isle of Anglesey	146.3	154.4	145.7	157.0	95.7	110.1	98.8	122.2	212.0	142.4	115.9	81.3	166.2	99.1	
Conwy	238.5	259.8	244.8	187.1	199.4	232.5	192.3	145.2	207.7	210.0	163.0	171.6	179.8	192.1	
Denbighshire	167.2	186.2	241.8	208.1	214.5	226.6	153.8	154.1	181.5	184.8	184.0	188.5	186.3	111.3	
Flintshire	65.9	91.7	145.3	79.4	106.2	134.1	116.2	71.7	71.7	92.7	68.6	98.8	120.9	106.4	
Gwynedd	113.3	119.5	102.1	103.7	104.8	94.6	129.9	107.1	127.9	111.3	97.5	111.7	109.4	140.4	
Wrexham	269.4	238.7	270.6	186.7	242.2	185.6	219.3	214.5	181.8	230.8	148.2	198.2	183.0	156.7	
Betsi Cadwaladr	165.1	173.1	192.2	148.3	162.0	164.0	154.9	134.8	155.1	160.5	125.7	143.3	154.3	136.6	
Cardiff	119.0	177.1	154.2	191.6	198.2	264.0	377.5	124.8	162.4	146.5	207.7	238.1	230.7	293.0	
Vale of Glamorgan	49.3	56.8	68.9	59.4	68.6	148.5	281.8	71.3	74.5	56.6	78.9	103.2	123.3	203.3	
Cardiff and Vale	100.2	144.8	131.4	156.3	163.8	233.4	352.1	110.5	139.1	122.8	173.9	202.9	202.8	269.7	
Merthyr Tydfil	53.2	36.5	122.7	123.0	171.9	187.4	207.1	72.9	76.4	159.4	162.2	175.4	170.1	166.7	
Rhondda Cynon Taf	70.1	71.5	165.1	182.9	158.7	176.2	177.9	78.5	81.5	140.1	174.9	176.0	195.1	193.4	
Cwm Taf	66.7	64.5	156.6	171.0	161.4	178.5	183.7	77.4	80.5	144.0	172.3	175.9	190.1	188.0	
Carmarthenshire*	10.6	37.2	32.9	25.4	21.2	191.0	253.2	5.6	33.3	19.9	15.5	16.6	158.5	173.9	
Ceredigion	84.6	76.2	105.6	106.5	43.0	143.4	170.5	69.4	73.7	86.6	108.3	53.4	153.3	142.5	
Pembrokeshire*	1.6	15.9	6.4	7.9	6.4	153.7	134.7	8.3	16.6	14.9	9.9	6.6	110.1	105.2	
Hywel Dda	22.1	37.9	38.5	35.4	20.6	169.9	199.1	19.2	36.1	31.8	32.3	20.7	141.9	145.6	
Powys Teaching	23.8	32.7	53.7	31.3	16.4	30.0	28.5	22.8	53.3	50.3	28.9	12.2	21.4	32.1	
Wales	96.9	139.2	161.7	172.0	173.2	217.8	238.7	97.7	126.2	139.3	145.4	146.9	183.8	190.3	

*diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as residence data were not available. i) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable. ii) Diagnoses of STIs were reported from SHCs across Wales via SWS. iii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence LA was provided were included. iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A), new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B) and STI tests (S1, S2, T1, T2, T3, T4) v) Gender- and LA-specific rates were calculated using mid-year estimates provided by StatsWales

Table 3iv: Rates per 100,000 population of genital herpes diagnosed in SHCs across Wales, 2011-2017, by gender, local authority and health board of residence.

Residence LA and HB	Genital Herpes														
	Female							Male							
	2011	2012	2013	2014	2015	2016	2017	2011	2012	2013	2014	2015	2016	2017	
Bridgend	21.3	43.8	45.0	37.8	37.6	51.2	63.7	16.0	34.8	17.3	28.7	18.5	19.7	38.1	
Neath Port Talbot	14.0	37.7	49.0	44.7	55.7	69.4	65.3	16.1	40.9	16.1	31.9	30.3	31.6	28.7	
Swansea	24.0	50.4	57.0	66.0	46.1	62.2	67.9	17.8	36.3	25.2	46.7	27.3	37.6	40.1	
Abertawe Bro Morgannwg	20.6	45.2	51.6	52.6	46.4	61.2	66.1	16.8	37.1	20.6	37.9	25.7	31.2	36.5	
Blaenau Gwent	28.2	42.2	53.6	90.4	87.7	70.7	70.7	32.1	35.0	37.9	37.9	26.3	17.5	46.7	
Caerphilly	47.2	49.3	67.8	67.5	63.1	67.4	73.9	34.2	20.5	37.6	31.8	38.5	45.2	52.0	
Monmouthshire	34.4	21.4	25.6	29.8	38.3	31.9	44.6	11.1	24.4	19.9	15.4	15.4	34.9	10.9	
Newport	73.9	104.6	120.5	102.9	134.1	117.3	126.6	50.4	46.1	57.0	80.5	59.3	54.6	40.9	
Torfaen	34.2	61.9	83.2	68.2	57.4	65.7	72.0	42.8	36.0	29.2	33.6	33.5	49.1	53.5	
Aneurin Bevan	47.6	60.0	75.2	73.3	79.2	74.6	82.0	35.7	31.8	38.4	42.5	37.9	43.3	42.2	
Isle of Anglesey	25.3	44.9	28.0	42.1	47.9	53.6	42.3	23.3	23.2	23.2	11.6	23.2	35.0	8.7	
Conwy	47.0	53.6	41.9	53.5	82.1	48.5	58.5	32.3	32.2	33.8	30.1	14.2	49.3	26.4	
Denbighshire	46.0	62.8	54.2	31.2	56.2	60.3	72.8	28.2	32.4	27.9	21.4	21.4	36.4	19.3	
Flintshire	18.1	28.4	46.3	23.1	42.2	46.0	33.2	15.9	19.9	14.6	13.2	14.5	11.8	18.4	
Gwynedd	27.5	37.1	27.6	32.4	48.4	30.5	19.2	16.7	21.6	8.3	29.7	18.1	22.9	18.0	
Wrexham	58.9	57.1	70.2	46.7	58.4	55.5	54.1	38.7	34.0	30.9	23.5	30.8	41.0	27.8	
Betsi Cadwaladr	37.1	46.2	46.1	37.5	55.7	48.2	45.4	25.7	27.1	22.6	21.9	20.1	31.4	20.7	
Cardiff	40.4	51.9	40.2	56.7	65.0	94.4	67.6	29.4	29.2	24.9	36.7	49.6	56.7	41.5	
Vale of Glamorgan	20.0	18.4	26.0	36.6	32.0	36.4	40.9	14.6	11.3	16.2	12.9	22.6	24.0	20.8	
Cardiff and Vale	34.9	42.9	36.4	51.3	56.2	79.0	60.6	25.5	24.5	22.6	30.5	42.5	48.2	36.2	
Merthyr Tydfil	13.3	0.0	19.9	43.2	36.4	32.9	9.9	10.4	10.4	20.8	34.5	27.5	23.8	47.6	
Rhondda Cynon Taf	32.6	29.9	63.1	72.0	46.3	68.4	65.1	14.8	20.8	54.5	47.4	30.1	50.5	33.4	
Cwm Taf	28.7	23.9	54.4	66.3	44.3	61.2	54.0	13.9	18.7	47.8	44.8	29.6	45.1	36.2	
Carmarthenshire*	7.4	3.2	5.3	9.5	5.3	48.5	41.2	6.7	3.3	11.1	6.6	4.4	13.2	25.3	
Ceredigion	15.9	13.1	10.6	13.3	2.7	21.6	21.6	8.0	7.9	15.8	15.8	8.0	2.7	10.8	
Pembrokeshire*	1.6	3.2	0.0	0.0	0.0	39.6	53.9	5.0	1.7	3.3	1.6	1.7	34.5	24.7	
Hywel Dda	7.2	5.1	4.6	7.2	3.1	40.5	41.6	6.4	3.7	9.5	6.9	4.2	18.0	22.2	
Powys Teaching	4.5	7.4	4.5	6.0	6.0	4.5	4.5	9.1	4.6	4.6	4.6	6.1	7.6	9.2	
Wales	30.0	39.2	44.9	46.6	48.9	58.7	56.8	21.8	24.6	25.2	29.4	26.2	34.9	31.0	

*diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as residence data were not available. i) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable. ii) Diagnoses of STIs were reported from SHCs across Wales via SWS. iii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence LA was provided were included. iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A), new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B) and STI tests (S1, S2, T1, T2, T3, T4) v) Gender- and LA-specific rates were calculated using mid-year estimates provided by StatsWales

Table 3v: Rates per 100,000 population of genital warts diagnosed in SHCs across Wales, 2011-2017, by gender, local authority and health board of residence.

Residence LA and HB	Genital Warts													
	Female							Male						
	2011	2012	2013	2014	2015	2016	2017	2011	2012	2013	2014	2015	2016	2017
Bridgend	117.7	104.6	99.8	93.7	71.1	69.2	72.0	97.2	117.4	124.0	132.0	119.5	88.8	87.4
Neath Port Talbot	58.8	110.4	102.2	90.8	86.4	86.1	104.2	67.2	141.6	137.3	111.8	118.5	116.4	99.2
Swansea	64.6	101.6	104.9	108.8	98.8	94.1	86.8	80.5	142.5	163.6	140.0	129.9	112.8	124.3
Abertawe Bro Morgannwg	77.3	104.8	102.8	99.9	87.9	85.2	87.5	81.5	135.5	145.9	130.3	124.0	107.3	107.7
Blaenau Gwent	115.5	92.9	118.4	98.9	96.2	93.4	76.4	151.6	172.0	142.8	154.6	155.0	93.3	87.5
Caerphilly	114.1	97.5	119.2	117.6	96.8	109.7	78.2	142.6	127.6	121.8	115.8	129.2	128.9	105.2
Monmouthshire	96.7	87.9	87.5	78.8	72.4	59.5	51.0	73.4	102.2	108.3	110.2	103.3	109.2	80.8
Newport	177.4	158.3	156.7	155.1	136.8	139.8	126.6	191.9	212.4	201.7	154.1	171.1	167.8	152.8
Torfaen	154.0	140.8	121.6	144.9	121.2	89.0	97.4	195.8	143.9	155.0	147.7	158.5	131.6	127.1
Aneurin Bevan	133.9	117.7	123.9	123.0	106.9	104.2	89.1	153.5	152.9	147.6	134.3	143.4	131.9	114.8
Isle of Anglesey	140.7	109.5	126.1	78.5	76.0	62.1	25.4	107.7	101.7	95.9	104.4	98.7	72.9	52.5
Conwy	136.1	134.1	93.9	111.9	102.2	68.6	55.2	132.6	161.1	135.3	79.7	120.3	104.0	93.4
Denbighshire	150.5	144.4	114.7	93.6	131.2	93.6	56.1	136.7	114.5	126.8	94.1	120.0	70.7	89.9
Flintshire	73.7	68.4	81.0	47.4	56.3	62.6	63.9	58.4	70.4	84.8	40.9	72.4	74.9	56.5
Gwynedd	89.0	93.6	92.4	79.4	83.9	73.7	56.1	75.3	88.0	94.6	82.6	97.0	89.8	71.8
Wrexham	122.2	93.7	87.7	83.1	121.1	86.2	77.5	119.2	118.3	107.3	82.2	104.2	84.9	80.5
Betsi Cadwaladr	113.7	103.5	95.7	80.4	93.8	74.3	58.7	101.4	107.1	106.2	76.6	100.1	83.6	74.3
Cardiff	85.4	119.0	98.3	155.5	140.4	143.5	146.2	94.2	126.2	100.7	171.0	167.5	175.1	176.8
Vale of Glamorgan	63.1	73.7	56.7	61.0	54.9	84.9	89.4	53.4	81.0	67.9	85.4	62.9	107.3	73.6
Cardiff and Vale	79.4	106.8	87.2	130.3	117.7	127.9	131.2	83.3	114.2	92.1	148.5	140.2	157.5	150.0
Merthyr Tydfil	73.2	59.8	145.9	106.4	99.2	72.3	59.2	111.1	100.7	162.8	151.8	147.9	139.5	112.3
Rhondda Cynon Taf	116.9	91.5	129.4	125.0	103.3	96.4	83.2	114.3	108.4	160.9	155.9	160.6	139.5	124.1
Cwm Taf	108.1	85.1	132.7	121.3	102.5	91.5	78.4	113.7	106.8	161.3	155.1	158.1	139.5	121.7
Carmarthenshire*	5.3	13.8	20.1	11.7	12.7	64.4	66.5	16.7	22.2	15.5	24.3	17.7	101.3	72.7
Ceredigion	89.9	92.0	108.3	85.2	83.4	94.7	119.1	61.4	105.2	105.0	87.1	69.4	121.0	115.6
Pembrokeshire*	4.8	8.0	8.0	1.6	0.0	66.6	72.9	8.3	11.6	21.5	11.5	5.0	77.2	90.4
Hywel Dda	21.6	27.2	33.3	22.6	22.1	70.8	78.5	23.0	35.6	35.5	32.8	23.8	97.4	86.8
Powys Teaching	46.0	35.7	40.3	26.9	14.9	12.0	18.0	42.6	53.3	51.8	36.6	13.7	26.0	15.3
Wales	91.1	92.7	94.3	94.0	87.6	88.8	83.3	93.9	110.3	112.6	108.0	110.9	112.8	103.0

*diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as residence data were not available. i) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable. ii) Diagnoses of STIs were reported from SHCs across Wales via SWS. iii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence LA was provided were included. iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A), new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B) and STI tests (S1, S2, T1, T2, T3, T4) v) Gender- and LA-specific rates were calculated using mid-year estimates provided by StatsWales

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Table 3vi: Rates per 100,000 population of new diagnosis of HIV diagnosed in SHCs across Wales, 2011-2017, by gender, local authority and health board of residence.

Residence LA and HB	HIV - New Diagnosis														
	Female							Male							
	2011	2012	2013	2014	2015	2016	2017	2011	2012	2013	2014	2015	2016	2017	
Bridgend	1.4	2.8	0.0	1.4	0.0	1.4	1.4	2.9	5.8	5.8	2.9	1.4	1.4	0.0	
Neath Port Talbot	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.5	5.8	1.5	0.0	0.0	1.4	
Swansea	0.0	0.0	1.7	5.8	0.0	1.6	0.0	0.0	2.5	5.0	4.2	0.8	3.3	4.1	
Abertawe Bro Morgannwg	0.4	0.8	0.8	3.4	0.0	1.1	0.4	0.8	3.1	5.4	3.1	0.8	1.9	2.3	
Blaenau Gwent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	8.7	0.0	5.8	2.9	0.0	5.8	
Caerphilly	0.0	1.1	0.0	2.2	1.1	0.0	1.1	4.6	2.3	4.6	7.9	5.7	5.7	5.7	
Monmouthshire	0.0	0.0	0.0	0.0	0.0	0.0	2.1	6.7	4.4	6.6	0.0	13.2	2.2	0.0	
Newport	4.0	4.0	1.3	2.7	0.0	1.3	4.0	2.8	7.0	11.1	12.5	12.4	9.5	6.8	
Torfaen	0.0	6.4	0.0	0.0	0.0	0.0	2.1	6.8	13.5	15.7	6.7	2.2	4.5	6.7	
Aneurin Bevan	1.0	2.4	0.3	1.4	0.3	0.3	2.0	4.6	6.4	7.8	7.4	7.7	5.2	2.3	
Isle of Anglesey	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9	0.0	0.0	0.0	0.0	
Conwy	0.0	0.0	1.7	1.7	0.0	0.0	0.0	0.0	3.6	1.8	5.3	0.0	1.8	1.8	
Denbighshire	4.2	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	4.3	6.4	4.3	2.1	2.1	
Flintshire	0.0	0.0	1.3	0.0	5.1	1.3	0.0	0.0	1.3	1.3	4.0	4.0	0.0	3.9	
Gwynedd	0.0	1.6	0.0	1.6	0.0	0.0	0.0	1.7	1.7	5.0	1.7	1.6	1.6	1.6	
Wrexham	2.9	1.5	4.4	1.5	2.9	2.9	1.5	1.5	1.5	7.4	4.4	7.3	5.9	8.8	
Betsi Cadwaladr	1.1	0.6	1.4	1.1	1.7	0.9	0.3	0.6	1.8	3.8	3.8	3.2	2.0	2.3	
Cardiff	1.1	0.6	1.7	1.1	2.2	1.1	2.2	9.4	0.6	13.9	15.5	13.1	10.7	9.5	
Vale of Glamorgan	0.0	0.0	0.0	1.5	0.0	0.0	1.5	1.6	0.0	0.0	3.2	6.5	6.4	3.2	
Cardiff and Vale	0.8	0.4	1.2	1.2	1.6	0.8	2.0	7.3	0.4	10.2	12.3	11.4	9.6	2.3	
Merthyr Tydfil	0.0	3.3	0.0	0.0	0.0	3.3	0.0	3.5	0.0	3.5	3.5	6.9	0.0	0.0	
Rhondda Cynon Taf	1.7	0.8	0.8	0.8	0.0	3.3	0.8	0.9	5.2	6.1	9.5	6.0	5.1	6.8	
Cwm Taf	1.3	1.3	0.7	0.7	0.0	3.3	0.7	1.4	4.2	5.5	8.3	6.2	4.1	2.3	
Carmarthenshire*	0.0	1.1	0.0	1.1	0.0	1.1	0.0	0.0	0.0	1.1	1.1	0.0	1.1	2.2	
Ceredigion	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	2.6	0.0	2.6	2.7	5.4	0.0	
Pembrokeshire*	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	1.6	3.3	
Hywel Dda	0.0	1.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	3.7	1.1	0.5	2.1	2.3	
Powys Teaching	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	0.0	0.0	1.5	1.5	0.0	
Wales	0.8	1.1	0.8	1.4	0.7	0.9	0.9	2.5	2.8	5.8	5.6	4.8	4.0	2.3	

*diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as residence data were not available. i) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable. ii) Diagnoses of STIs were reported from SHCs across Wales via SWS. iii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence LA was provided were included. iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A), new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B) and STI tests (S1, S2, T1, T2, T3, T4) v) Gender- and LA-specific rates were calculated using mid-year estimates provided by StatsWales

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Table 3vii: Rates per 100,000 population of STI tests performed in SHCs across Wales, 2011-2017, by gender, local authority and health board of residence.

Residence LA and HB	STI Tests													
	Female							Male						
	2011	2012	2013	2014	2015	2016	2017	2011	2012	2013	2014	2015	2016	2017
Bridgend	561.7	2,249.7	2,365.9	2,604.4	2,772.5	2,880.9	2,923.8	545.7	1,316.4	1,532.9	1,693.9	1,518.9	1,691.5	1,561.8
Neath Port Talbot	319.1	2,096.8	2,598.8	2,710.0	3,020.6	3,363.7	3,512.3	413.6	1,279.8	1,533.3	1,518.1	1,629.6	1,684.3	1,763.4
Swansea	526.8	2,353.1	2,667.8	2,833.4	3,157.6	3,389.0	3,457.8	591.7	1,661.0	1,969.5	1,932.9	1,965.0	2,199.9	2,239.9
Abertawe Bro Morgannwg	479.6	2,255.7	2,567.7	2,738.0	3,016.2	3,244.4	3,327.7	531.6	1,466.2	1,735.5	1,758.0	1,755.4	1,926.2	1,930.8
Blaenau Gwent	1,002.8	1,286.8	1,942.4	2,711.9	3,157.7	3,644.3	4,198.9	1,110.5	1,247.5	1,439.5	1,566.8	1,406.4	1,493.4	1,627.5
Caerphilly	1,068.6	1,391.4	1,965.5	2,593.5	2,650.4	3,315.4	3,673.9	1,169.6	1,230.9	1,340.3	1,422.3	1,403.4	1,679.7	1,656.0
Monmouthshire	747.7	917.5	1,022.4	1,135.4	1,287.8	1,766.1	1,838.4	796.2	948.7	994.5	1,130.2	1,061.6	1,443.5	1,277.5
Newport	2,874.1	3,521.7	4,210.0	4,792.7	4,683.9	5,353.2	5,771.1	2,033.7	2,459.2	2,648.9	2,658.3	2,588.7	3,072.1	3,103.5
Torfaen	1,640.0	2,322.6	2,795.8	2,771.9	2,603.7	3,571.3	3,975.9	1,479.0	1,721.9	1,985.8	1,857.9	1,571.9	1,848.7	2,082.9
Aneurin Bevan	1,557.0	1,990.4	2,512.5	2,960.5	3,003.8	3,669.5	4,028.5	1,369.9	1,575.7	1,729.9	1,774.5	1,676.9	2,002.2	2,029.1
Isle of Anglesey	931.2	1,100.5	1,207.9	1,264.3	1,702.9	1,778.2	1,507.2	954.4	1,167.7	1,223.5	1,176.9	1,132.0	1,122.7	924.4
Conwy	1,948.4	2,224.2	1,943.1	2,028.4	1,982.2	2,180.7	2,316.2	1,292.3	1,561.3	1,651.6	1,367.9	1,498.1	1,568.5	1,517.4
Denbighshire	1,868.4	2,015.0	2,218.2	1,791.7	2,101.6	2,251.6	1,894.0	1,180.8	1,376.6	1,512.5	1,243.1	1,495.3	1,490.2	1,218.3
Flintshire	736.6	873.0	1,484.1	1,042.9	1,301.4	1,496.9	1,279.7	463.6	548.4	829.3	627.0	865.3	888.0	853.9
Gwynedd	859.5	926.7	1,000.2	996.2	1,762.6	1,850.0	1,728.2	919.0	1,069.7	1,127.5	1,060.4	1,079.6	1,075.9	1,097.1
Wrexham	1,760.6	1,734.1	1,955.3	1,589.7	1,867.7	1,854.9	1,781.8	1,239.2	1,215.2	1,362.8	1,008.1	1,180.4	1,291.5	1,234.4
Betsi Cadwaladr	1,337.6	1,458.7	1,641.1	1,433.6	1,758.1	1,876.2	1,739.1	982.0	1,115.7	1,257.1	1,041.5	1,183.1	1,219.5	1,139.2
Cardiff	1,291.1	1,580.0	1,410.6	2,099.3	2,153.5	3,015.8	3,591.3	1,082.6	1,419.8	1,341.6	2,115.0	2,127.6	2,362.8	2,763.1
Vale of Glamorgan	602.1	703.6	684.5	850.4	769.9	1,489.5	1,962.2	602.5	649.6	603.0	892.5	874.2	1,143.0	1,407.1
Cardiff and Vale	1,105.1	1,344.6	1,216.5	1,765.7	1,786.4	2,611.8	3,160.1	954.6	1,215.6	1,146.8	1,794.0	1,800.5	2,046.1	2,411.0
Merthyr Tydfil	425.9	508.3	1,001.5	1,236.4	1,434.5	1,893.3	1,581.0	559.1	572.9	1,035.8	1,242.3	1,303.7	1,385.0	1,402.0
Rhondda Cynon Taf	702.1	770.9	1,610.5	1,942.7	1,983.2	2,002.0	1,838.9	668.4	748.1	1,279.5	1,549.8	1,616.2	1,659.0	1,515.3
Cwm Taf	646.7	718.4	1,488.6	1,801.9	1,873.4	1,980.2	1,787.3	646.5	713.1	1,230.8	1,488.4	1,553.8	1,603.9	1,492.5
Carmarthenshire*	69.1	489.5	516.2	419.4	582.0	1,879.2	2,378.3	95.7	279.6	298.9	279.6	271.5	1,136.1	1,282.5
Ceredigion	983.7	1,059.6	1,256.9	1,224.8	1,135.4	1,642.6	2,037.7	675.1	1,094.4	1,231.2	1,093.3	1,056.7	1,247.6	1,398.2
Pembrokeshire*	76.6	98.6	92.3	63.5	50.9	1,724.1	2,404.0	65.1	126.3	172.1	115.4	69.3	889.1	1,063.3
Hywel Dda	249.3	474.7	523.4	459.6	516.1	1,784.1	2,322.0	201.8	395.1	446.4	389.9	362.5	1,078.5	1,234.7
Powys Teaching	303.0	416.2	502.6	380.4	267.3	329.6	392.5	246.4	462.9	415.8	329.1	231.5	261.4	321.1
Wales	951.8	1,436.7	1,692.5	1,862.3	2,003.4	2,494.3	2,682.5	813.0	1,120.1	1,269.7	1,348.2	1,362.1	1,594.9	1,651.1

*diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as residence data were not available. i) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable. ii) Diagnoses of STIs were reported from SHCs across Wales via SWS. iii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence LA was provided were included. iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A), new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B) and STI tests (S1, S2, T1, T2, T3, T4) v) Gender- and LA-specific rates were calculated using mid-year estimates provided by StatsWales

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Table 4: Numbers and incidences of STI and HIV diagnoses made in SHCs, in 15-24 year olds, by gender, 2008 to 2017.

STI	Gender	Number										Incidence per 100,000									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Syphilis	Females	5	4	2	2	0	6	3	3	7	4	2.5	2.0	1.0	1.0	0.0	3.0	1.5	1.5	3.7	2.1
	Males	22	9	7	8	14	22	21	15	24	23	10.7	4.4	3.4	3.8	6.6	10.5	10.0	7.3	11.8	11.3
	Total	27	13	9	10	14	28	24	18	31	27	6.7	3.2	2.2	2.4	3.4	6.8	5.9	4.5	7.9	6.9
Gonorrhoea	Females	98	109	85	101	259	233	225	224	249	286	49.3	54.4	42.6	50.5	128.9	116.8	114.3	115.6	131.3	150.8
	Males	130	169	93	146	255	283	287	275	256	302	63.3	81.9	44.7	69.7	120.6	134.5	137.2	133.2	125.6	148.1
	Total	228	279	178	247	514	516	512	499	505	588	56.4	68.6	43.7	60.3	124.6	125.9	126.1	124.7	128.3	149.4
Chlamydia	Females	1,839	1,855	1,714	1,398	2,020	2,254	2,380	2,364	2,819	3,066	924.3	926.3	858.1	698.6	1005.1	1129.9	1208.7	1220.1	1486.1	1616.3
	Males	1,377	1,479	1,122	1,165	1,447	1,534	1,536	1,591	1,840	1,861	670.9	716.6	539.6	556.5	684.1	729.0	734.5	770.6	902.5	912.8
	Total	3,217	3,335	2,836	2,563	3,467	3,788	3,916	3,956	4,659	4,927	795.9	820.1	695.6	625.9	840.5	924.1	964.5	988.5	1183.8	1251.9
Genital herpes (first episode)	Females	290	275	286	313	385	412	434	496	537	487	145.8	137.3	143.2	156.4	191.6	206.5	220.4	256.0	283.1	256.7
	Males	129	101	128	141	203	155	193	184	235	206	62.9	48.9	61.6	67.3	96.0	73.7	92.3	89.1	115.3	101.0
	Total	419	376	414	454	588	567	627	680	772	693	103.7	92.5	101.5	110.9	142.5	138.3	154.4	169.9	196.2	176.1
Genital warts (first episode)	Females	1,348	1,275	1,152	1,094	1,148	1,089	1,054	951	872	787	677.5	636.7	576.7	546.7	571.2	545.9	535.3	490.8	459.7	414.9
	Males	1,102	1,029	888	895	1,073	1,057	930	968	940	813	536.9	498.6	427.1	427.5	507.3	502.3	444.7	468.9	461.1	398.8
	Total	2,450	2,306	2,040	1,989	2,221	2,146	1,984	1,919	1,812	1,600	606.1	567.1	500.4	485.8	538.4	523.5	488.6	479.5	460.4	406.5
New HIV	Females	6	4	4	1	4	1	2	0	0	1	3.0	2.0	2.0	0.5	2.0	0.5	1.0	0.0	0.0	0.5
	Males	2	10	7	5	7	13	11	10	11	11	1.0	4.8	3.4	2.4	3.3	6.2	5.3	4.8	5.4	5.4
	Total	8	14	11	6	11	14	13	10	11	12	2.0	3.4	2.7	1.5	2.7	3.4	3.2	2.5	2.8	3.0

i) Diagnoses of STIs were reported from SHCs across Wales via SWS

ii) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable

iii) Incidences were calculated per 100,000 gender-specific populations, using mid-year estimates provided by StatsWales

iv) Diagnoses made in clinics in Carmarthenshire and Pembrokeshire, reported on paper SHHAPT forms prior to March 2016, have also been included. However, this was not possible for latent syphilis (A3) as this is not available by age from these clinics.

v) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A) and new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B)

Table 5: Rates of gonorrhoea and chlamydia tests in 15-24 year olds reported from SHCs across Wales in 2017, and the percentage of those for whom a positive diagnosis was reported, by local authority and health board of residence.

Residence LA and HB	Gonorrhoea		Chlamydia	
	Tests per 100,000 population	% positive	Tests per 100,000 population	% positive
Bridgend	10,151.9	1.1%	10,151.9	13.3%
Neath Port Talbot	11,831.9	0.7%	11,831.9	11.3%
Swansea	9,846.7	1.0%	9,849.4	12.5%
Abertawe Bro Morgannwg	10,372.6	1.0%	10,374.0	12.4%
Blaenau Gwent	12,086.1	0.3%	12,086.1	11.0%
Caerphilly	11,725.3	1.4%	11,725.3	13.2%
Monmouthshire	7,527.1	1.2%	7,527.1	11.8%
Newport	17,643.8	1.2%	17,643.8	13.6%
Torfaen	12,871.8	1.4%	12,871.8	15.7%
Aneurin Bevan	12,940.0	1.2%	12,940.0	13.4%
Isle of Anglesey	5,738.2	1.5%	5,752.9	11.2%
Conwy	9,382.0	2.8%	9,382.0	13.8%
Denbighshire	6,339.9	1.7%	6,339.9	12.2%
Flintshire	4,256.8	2.9%	4,262.8	16.5%
Gwynedd	4,607.8	0.8%	4,618.6	13.1%
Wrexham	5,945.1	3.1%	5,945.1	21.0%
Betsi Cadwaladr	5,812.2	2.2%	5,817.3	15.1%
Cardiff	9,259.7	3.0%	9,261.2	14.1%
Vale of Glamorgan	8,002.2	2.2%	8,002.2	20.8%
Cardiff and Vale	9,037.2	2.9%	9,038.4	15.1%
Merthyr Tydfil	6,432.0	2.0%	6,474.4	17.9%
Rhondda Cynon Taff	6,491.9	1.8%	6,505.2	15.5%
Cwm Taf	6,480.4	1.8%	6,499.3	16.0%
Carmarthenshire	9,150.6	1.0%	9,150.6	17.3%
Ceredigion	5,890.0	1.6%	5,890.0	10.7%
Pembrokeshire	8,165.4	0.6%	8,165.4	8.9%
Hywel Dda	7,920.0	1.0%	7,920.0	13.4%
Powys	1,613.4	0.0%	1,620.8	13.8%
Powys Teaching	1,613.4	0.0%	1,620.8	13.8%
Wales	8,668.6	1.7%	8,672.2	14.0%

- i) Diagnoses of STIs and the tests performed were reported from SHCs across Wales via SWS
- ii) These data have not been imputed and may be partially representative of completeness of reporting. In addition, only individuals for whom a residence LA was provided were included
- iii) The following KC60/SHHAPT codes were used: gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), gonorrhoea tests (S1, S2, T2, T3, T4) and chlamydia tests (S1, S2, T1, T2, T3, T4)
- iv) LA- and age-specific rates were calculated using mid-year population estimates provided by StatsWales.

Table 6i: Incidences of STI and HIV diagnoses made in SHCs, by age group, 2011 to 2017.

STI	Age Group	Incidence per 100,000 population						
		2011	2012	2013	2014	2015	2016	2017
Syphilis	Under 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15-24	2.4	3.2	6.6	5.9	4.2	7.9	6.9
	25-34	6.9	6.3	6.5	12.6	8.5	9.6	18.5
	35-49	3.7	4.5	5.2	7.2	5.6	8.8	14.2
	50+	0.6	0.5	1.1	1.9	1.4	1.8	2.8
	Total	2.1	2.3	3.1	4.4	3.2	4.5	6.9
Gonorrhoea	Under 15	0.0	0.4	0.6	0.6	1.2	0.6	0.0
	15-24	57.1	120.2	118.8	122.4	121.4	128.1	149.4
	25-34	37.4	57.2	79.9	80.2	85.7	77.1	93.0
	35-49	6.0	16.4	23.8	22.3	23.7	23.7	31.3
	50+	0.9	2.7	4.6	3.1	3.9	3.6	5.4
	Total	13.6	27.3	31.8	31.2	32.0	31.5	38.2
Chlamydia	Under 15	1.7	1.7	3.7	3.3	1.5	3.8	2.9
	15-24	567.6	783.7	868.5	915.5	929.5	1174.6	1251.9
	25-34	208.4	265.8	290.5	318.8	314.3	374.0	398.2
	35-49	26.9	40.5	38.4	44.3	50.1	55.3	64.8
	50+	1.7	4.7	4.8	3.6	5.3	8.9	6.5
	Total	106.4	147.1	159.6	168.6	169.7	208.3	221.8
Herpes (1st episode)	Under 15	0.4	1.2	0.4	0.2	0.8	1.5	0.8
	15-24	101.1	132.1	130.3	144.6	162.4	193.4	176.1
	25-34	65.1	81.6	96.7	103.7	94.7	114.7	113.6
	35-49	27.2	26.6	30.1	32.1	27.8	37.2	34.9
	50+	3.9	5.5	6.1	6.7	5.1	7.3	7.2
	Total	28.1	34.9	37.1	40.2	39.7	48.3	45.5
Warts (1st episode)	Under 15	1.2	1.2	0.8	0.8	0.6	0.0	0.8
	15-24	444.7	492.6	481.6	461.1	447.5	455.8	406.5
	25-34	220.6	232.6	233.6	231.2	232.6	229.1	230.1
	35-49	56.7	63.6	64.7	69.9	72.6	69.5	67.3
	50+	7.6	12.4	11.1	11.6	12.4	14.2	12.1
	Total	99.6	111.4	108.8	106.2	104.5	104.2	96.9
New HIV	Under 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15-24	1.5	2.7	3.4	3.2	2.5	2.8	3.0
	25-34	6.9	3.6	10.3	9.4	8.8	7.6	7.8
	35-49	2.0	4.3	6.3	7.7	4.5	4.9	4.6
	50+	0.8	1.2	1.8	1.6	1.3	1.3	1.4
	Total	1.7	2.1	3.6	3.6	2.7	2.7	2.8

- i) Diagnoses of STIs and the tests performed were reported from SHCs across Wales via SWS
- ii) Diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as appropriate age data were not available
- iii) These data have not been imputed and may be partially representative of completeness of reporting.
- iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A) and new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B)
- v) Age- and gender-specific rates were calculated using mid-year population estimates provided by StatsWales.

Table 6ii: Incidences of STI and HIV diagnoses made in SHCs, in females, by age group, 2011 to 2017.

STI	Age Group	Incidence per 100,000 population						
		2011	2012	2013	2014	2015	2016	2017
Syphilis	Under 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15-24	1.0	0.0	3.0	1.5	1.5	3.7	2.1
	25-34	2.8	0.0	3.8	1.1	2.7	2.1	6.3
	35-49	1.6	0.3	0.3	1.0	0.3	1.7	1.0
	50+	0.0	0.0	0.2	0.2	0.3	0.0	0.2
	Total	0.8	0.1	1.0	0.6	0.7	1.0	1.3
Gonorrhoea	Under 15	0.0	0.8	0.8	1.2	2.4	1.2	0.0
	15-24	48.5	123.9	109.3	110.7	114.6	130.7	150.8
	25-34	14.5	32.0	41.8	37.1	41.2	41.1	50.1
	35-49	3.2	7.5	9.3	4.7	4.8	6.2	11.1
	50+	0.5	0.8	1.0	0.9	0.5	1.2	1.4
	Total	8.7	21.7	21.1	19.7	20.5	22.5	26.7
Chlamydia	Under 15	3.6	3.6	5.9	4.4	3.2	7.4	5.5
	15-24	641.2	942.4	1064.3	1153.4	1158.7	1475.6	1616.3
	25-34	157.2	211.4	229.3	265.4	273.8	312.6	349.0
	35-49	14.1	27.7	30.2	27.4	30.5	38.0	40.4
	50+	0.8	2.0	2.1	1.3	2.3	3.7	2.1
	Total	104.1	153.1	170.0	182.3	182.3	224.5	245.3
Herpes (1st episode)	Under 15	0.8	2.4	0.8	0.0	1.6	3.1	1.6
	15-24	140.9	177.6	196.0	206.7	248.3	279.9	256.7
	25-34	68.0	97.1	109.2	122.7	108.0	131.3	137.6
	35-49	26.6	28.7	33.2	33.8	28.7	41.1	41.8
	50+	3.4	4.9	6.0	4.8	5.3	8.2	7.6
	Total	32.7	42.2	46.7	48.8	51.2	60.9	58.5
Warts (1st episode)	Under 15	2.0	2.4	1.2	1.6	0.4	0.0	1.6
	15-24	499.7	521.9	499.8	503.8	461.4	455.5	414.9
	25-34	183.4	170.5	181.5	174.4	167.9	186.1	183.5
	35-49	52.2	52.9	50.5	55.7	60.6	57.7	58.0
	50+	4.2	7.5	7.8	8.1	7.3	9.2	7.3
	Total	97.7	101.0	97.9	97.9	91.1	91.4	85.8
New HIV	Under 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15-24	0.5	2.0	0.5	1.0	0.0	0.0	0.5
	25-34	2.8	1.7	3.3	3.8	2.1	3.7	2.1
	35-49	1.3	2.3	1.7	3.4	1.7	2.4	2.4
	50+	0.5	0.5	0.3	0.6	0.3	0.3	0.6
	Total	0.8	1.1	0.9	1.5	0.7	1.0	1.0

- i) Diagnoses of STIs and the tests performed were reported from SHCs across Wales via SWS
- ii) Diagnoses of STIs in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as appropriate age data were not available
- iii) These data have not been imputed and may be partially representative of completeness of reporting.
- iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A) and new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B)
- v) Age- and gender-specific rates were calculated using mid-year population estimates provided by StatsWales.

Table 6iii: Incidences of STI and HIV diagnoses made in SHCs, in males, by age group, 2011 to 2017.

STI	Age Group	Incidence per 100,000 population						
		2011	2012	2013	2014	2015	2016	2017
Syphilis	Under 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15-24	3.8	6.1	10.0	10.0	6.8	11.8	11.3
	25-34	11.0	12.6	9.1	23.9	14.2	17.0	30.4
	35-49	6.0	8.8	10.3	13.6	11.0	16.1	27.9
	50+	1.3	1.1	2.1	3.9	2.6	3.7	5.8
	Total	3.5	4.5	5.3	8.3	5.7	8.1	12.6
Gonorrhoea	Under 15	0.0	0.0	0.4	0.0	0.0	0.0	0.0
	15-24	65.4	116.8	127.8	133.4	127.9	125.6	148.1
	25-34	60.1	82.2	117.6	122.6	129.5	112.4	135.0
	35-49	8.9	25.7	38.9	40.5	43.2	41.8	52.1
	50+	1.5	4.8	8.7	5.4	7.8	6.3	9.9
	Total	18.7	33.2	43.0	43.2	44.4	40.9	50.1
Chlamydia	Under 15	0.0	0.0	1.5	1.5	0.0	0.4	0.4
	15-24	497.2	633.0	682.9	691.5	714.0	894.6	912.8
	25-34	259.0	319.9	351.0	371.5	354.2	434.0	446.4
	35-49	40.1	53.7	46.8	61.9	70.5	73.2	90.0
	50+	2.8	7.9	7.8	6.3	8.6	14.8	11.4
	Total	109.5	141.5	150.1	155.3	157.1	192.9	198.6
Herpes (1st episode)	Under 15	0.0	0.0	0.0	0.4	0.0	0.0	0.0
	15-24	63.0	88.9	68.0	86.1	81.9	112.8	101.0
	25-34	62.3	66.3	84.3	84.9	81.6	98.4	90.2
	35-49	27.8	24.3	26.8	30.4	26.9	33.2	27.9
	50+	4.4	6.2	6.2	8.8	5.0	6.3	6.8
	Total	23.5	27.6	27.3	31.4	28.1	35.9	32.5
Warts (1st episode)	Under 15	0.4	0.0	0.4	0.0	0.7	0.0	0.0
	15-24	392.2	464.7	464.3	420.8	434.5	456.2	398.8
	25-34	257.3	293.6	285.0	287.1	296.3	271.1	275.8
	35-49	61.2	74.7	79.5	84.6	85.0	81.8	76.8
	50+	11.4	18.0	14.8	15.6	18.1	19.7	17.3
	Total	102.1	122.4	120.3	115.2	118.4	117.4	108.5
New HIV	Under 15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15-24	2.4	3.3	6.2	5.3	4.8	5.4	5.4
	25-34	11.0	5.5	17.2	14.9	15.3	11.3	13.4
	35-49	2.6	6.4	11.0	12.2	7.4	7.5	6.8
	50+	1.1	2.0	3.6	2.6	2.4	2.4	2.4
	Total	2.6	3.1	6.4	5.9	4.9	4.4	4.6

- i) Diagnoses of STIs and the tests performed were reported from SHCs across Wales via SWS
- ii) Diagnoses made in clinics in Carmarthenshire or Pembrokeshire up to March 2016 were not included in these analyses, as appropriate age data were not available
- iii) These data have not been imputed and may be partially representative of completeness of reporting.
- iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A) and new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B)
- v) Age- and gender-specific rates were calculated using mid-year population estimates provided by StatsWales.

Table 7: Numbers (percentages) of STI and HIV diagnoses made in SHCs within each person group, Wales 2011-2017.

Person group	STI	2011	2012	2013	2014	2015	2016	2017
MSM	Syphilis	38 (10%)	44 (9%)	62 (9%)	84 (11%)	56 (7%)	91 (9%)	139 (13%)
	Gonorrhoea	97 (27%)	156 (34%)	282 (42%)	296 (38%)	335 (39%)	339 (34%)	401 (37%)
	Chlamydia	117 (32%)	148 (32%)	155 (23%)	233 (30%)	272 (32%)	349 (35%)	334 (31%)
	Genital herpes (first episode)	20 (5%)	20 (4%)	23 (3%)	28 (4%)	38 (4%)	46 (5%)	38 (4%)
	Genital warts (first episode)	62 (17%)	74 (16%)	86 (13%)	87 (11%)	105 (12%)	127 (13%)	118 (11%)
	HIV	31 (8%)	22 (5%)	64 (10%)	51 (7%)	51 (6%)	38 (4%)	41 (4%)
	Total	365 (100%)	464 (100%)	672 (100%)	779 (100%)	857 (100%)	990 (100%)	1071 (100%)
Heterosexual men	Syphilis	13 (0%)	26 (1%)	20 (0%)	39 (1%)	29 (1%)	30 (1%)	50 (1%)
	Gonorrhoea	188 (5%)	330 (7%)	351 (8%)	348 (7%)	349 (7%)	277 (6%)	338 (7%)
	Chlamydia	1568 (44%)	1975 (43%)	2065 (45%)	2150 (45%)	2246 (46%)	2531 (50%)	2586 (52%)
	Genital herpes (first episode)	315 (9%)	396 (9%)	366 (8%)	457 (10%)	414 (9%)	502 (10%)	447 (9%)
	Genital warts (first episode)	1483 (41%)	1803 (40%)	1754 (38%)	1719 (36%)	1801 (37%)	1653 (33%)	1505 (30%)
	HIV	9 (0%)	24 (1%)	36 (1%)	37 (1%)	25 (1%)	26 (1%)	21 (0%)
	Total	3576 (100%)	4554 (100%)	4592 (100%)	4750 (100%)	4864 (100%)	5019 (100%)	4947 (100%)
Heterosexual women	Syphilis	12 (0%)	1 (0%)	15 (0%)	9 (0%)	10 (0%)	16 (0%)	20 (0%)
	Gonorrhoea	133 (3%)	335 (7%)	336 (6%)	310 (6%)	321 (6%)	349 (6%)	403 (6%)
	Chlamydia	1682 (43%)	2457 (48%)	2707 (50%)	2934 (52%)	2986 (53%)	3482 (56%)	3737 (59%)
	Genital herpes (first episode)	527 (13%)	679 (13%)	712 (13%)	778 (14%)	822 (15%)	933 (15%)	884 (14%)
	Genital warts (first episode)	1576 (40%)	1641 (32%)	1605 (30%)	1577 (28%)	1504 (27%)	1407 (23%)	1305 (21%)
	HIV	12 (0%)	15 (0%)	13 (0%)	23 (0%)	10 (0%)	16 (0%)	15 (0%)
	Total	3942 (100%)	5128 (100%)	5388 (100%)	5631 (100%)	5653 (100%)	6203 (100%)	6364 (100%)

i) Diagnoses of STIs were reported from SHCs across Wales via SWS

ii) New HIV diagnoses from SHCs across Wales via SWS – a change from other reports which have PHE data, not comparable

iii) Diagnoses made in clinics in Carmarthenshire or Pembrokeshire, reported on paper SHHAPT forms prior to March 2016, have been included; for these clinics, all females were assumed to be heterosexual

iv) The following KC60/SHHAPT codes were used: primary, secondary and early latent syphilis (A1, A2, A3), gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A) and new diagnosis of HIV (E1A, E2A, E3A1, H1, H1A, H1B)

Table 8: Syphilis cases from the enhanced surveillance scheme in Wales, by stage of infection and person group, 2002-2017

Person group	Stage of infection	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
MSM	Primary	10	23	13	22	18	21	44	23	19	22	9	42	51	30	26	43
	Secondary	4	10	14	9	16	22	28	12	16	10	17	8	25	14	17	33
	Early latent	6	5	10	6	8	14	17	5	17	14	8	17	18	14	16	54
	Unknown	0	0	0	0	0	6	3	4	2	2	12	6	9	9	6	1
	Total	20	38	37	37	42	63	92	44	54	48	46	73	103	67	65	131
Heterosexual men	Primary	1	7	5	5	4	8	9	1	8	6	3	7	7	4	5	9
	Secondary	1	1	0	0	5	4	5	2	1	2	1	1	5	1	4	1
	Early latent	1	3	3	2	4	4	3	2	4	1	1	0	0	2	3	3
	Unknown	0	0	0	0	2	1	1	0	1	1	0	2	3	3	0	1
	Total	3	11	8	7	15	17	18	5	14	10	5	10	15	10	12	14
Heterosexual women	Primary	0	2	1	1	3	1	1	0	3	3	2	3	4	2	1	2
	Secondary	0	0	0	1	3	0	2	1	0	2	0	1	0	2	3	3
	Early latent	1	2	1	3	7	4	4	3	3	1	0	4	1	1	3	5
	Unknown	0	0	0	0	1	2	1	1	0	2	3	2	1	2	0	4
	Total	1	4	2	5	14	7	8	5	6	8	5	10	6	7	7	14
All	Primary	11	32	19	28	25	30	54	25	30	31	14	53	62	36	33	55
	Secondary	5	11	14	10	24	26	35	15	17	14	18	10	32	17	25	37
	Early latent	8	10	14	11	20	22	24	10	24	16	10	21	19	18	22	62
	Unknown	0	0	0	0	4	9	5	6	3	5	15	10	13	14	6	6
	Total	24	53	47	49	73	87	118	56	74	66	57	94	126	85	86	160

- i) Totals include some individuals of other/unknown sexuality
ii) Data for recent years may change as more reports are received

Table 9: Number of new and existing blood donors who tested positive for HIV, HBV, HCV or *Treponema pallidum* infection in Wales, 2007 to 2017. Source: Welsh Blood Service and National Blood Service.

		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Donors (number bled)	New	12,667	12,937	11,526	10,453	10,915	9,487	8,426	10,100	11,340	9,332	9,624
	Repeat	111,912	113,412	110,922	104,904	108,460	105,113	110,667	111,447	85,504	82,566	86,341
HIV	New	1	0	1	1	0	2	1	0	1	0	0
	Repeat	2	0	0	0	1	1	0	0	0	1	2
HBV	New	5	3	1	2	3	3	0	3	1	3	0
	Repeat	1	0	0	1	0	0	0	0	0	0	0
HCV	New	4	5	8	2	4	6	1	2	3	1	4
	Repeat	2	3	0	0	0	0	0	0	0	0	1
<i>T. pallidum</i>	New	2	0	4	0	2	3	3	0	1	2	1
	Repeat	2	2	1	2	2	1	0	0	2	4	2

Table 10: Numbers of KC60/SHHAPT codes received from SHCs via SWS, across Wales.

KC60/SHHAPT Code and description		2011			2012			2013			2014			2015			2016			2017		
		F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T
A1	Primary infectious syphilis	4	24	28	0	27	27	5	46	51	7	66	73	1	38	39	3	58	61	4	74	78
A2	Secondary infectious syphilis	3	12	15	0	21	21	3	12	15	0	26	26	2	21	23	4	25	29	5	47	52
A3	Early latent syphilis	5	17	22	1	20	21	7	22	29	2	35	37	8	28	36	9	41	50	11	73	84
A4	Other acquired syphilis	0	2	2	0	0	0	0	4	4	0	3	3	1	0	1	2	0	2	0	5	5
A5	Other acquired syphilis	0	0	0	0	2	2	0	1	1	0	0	0	0	1	1	1	1	2	0	1	1
A6	Other acquired syphilis	7	11	18	7	19	26	8	16	24	9	19	28	9	35	44	11	36	47	12	36	48
A7A	Congenital Syphilis	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
A9	Epidemiological treatment of suspected syphilis	0	3	3	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
B, B1, B2	Gonorrhoea	136	281	417	337	499	836	331	651	982	310	657	967	322	677	999	355	628	983	422	768	1190
B3	Gonococcal ophthalmia neonatorum	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B4	Epidemiological treatment of suspected gonorrhoea	29	63	92	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	1	1
B5	Complicated gonococcal infection - including PID and epididymitis	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	0	1
C1	Chancroid/Donovanosis/LGV	11	8	19	1	4	5	2	2	4	0	1	1	0	1	1	3	1	4	3	2	5
C2	Chancroid/Donovanosis/LGV	0	2	2	1	2	3	0	5	5	0	0	0	1	4	5	0	0	0	1	1	2
C3	Chancroid/Donovanosis/LGV	1	2	3	5	1	6	2	1	3	0	0	0	0	1	1	0	1	1	1	0	1
C4, C4A, C4C	Chlamydia	1623	1647	3270	2383	2125	4508	2664	2275	4939	2864	2363	5227	2869	2396	5265	3545	2959	6504	3873	3047	6920
C4B	Complicated Chlamydial infection - including PID and epididymitis	27	7	34	4	0	4	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
C4D	Chlamydial ophthalmia neonatorum	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C4E	Epidemiological treatment of suspected chlamydia	256	426	682	21	17	38	7	8	15	0	0	0	0	0	0	0	0	0	0	0	0
C4I	Epidemiological treatment of NSGI	87	64	151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C4N, C4H	Uncomplicated non-gonococcal/non-specific urethritis in males or treatment of mucopurulent cervicitis	142	911	1053	274	1119	1393	259	1013	1272	260	1060	1320	205	985	1190	207	1002	1209	218	899	1117
C5	Complicated infection (non-chlamydial/non-gonococcal) - including PID and epididymitis	92	33	125	18	20	38	25	14	39	0	0	0	0	0	0	0	0	0	0	0	0
C5A	Pelvic inflammatory disease/ epididymitis	187	67	254	348	144	492	399	165	564	551	237	788	688	245	933	644	213	857	580	198	778

i) These data do not include codes from SHCs in Carmarthenshire or Pembrokeshire up to March 2016.

Table 10 continued...

KC60/SHHAPT Code and description		2011			2012			2013			2014			2015			2016			2017		
		F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T
C5B	Ophthalmia neonatorum	1	0	1	1	1	2	4	1	5	0	1	1	20	2	22	4	0	4	5	0	5
C6A	Trichomoniasis	28	9	37	60	8	68	72	3	75	79	5	84	52	4	56	105	19	124	75	10	85
C6B	Anaerobic/Bacterial vaginosis & anaerobic balanitis	1732	75	1807	1929	101	2030	1880	128	2008	2117	142	2259	2455	160	2615	2580	93	2673	2768	63	2831
C6C	Other vaginosis/vaginitis/balanitis	139	375	514	132	382	514	180	434	614	202	397	599	181	379	560	202	330	532	211	300	511
C7, C7A	Anogenital candidosis	1538	292	1830	1668	469	2137	1644	403	2047	1926	486	2412	2150	485	2635	2492	554	3046	2470	551	3021
C7B	Epidemiological treatment of C6 and C7	147	95	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
C8	Scabies	7	41	48	9	55	64	9	60	69	10	53	63	11	73	84	19	85	104	11	51	62
C9	Pediculosis pubis	0	14	14	1	20	21	2	19	21	1	14	15	0	12	12	1	21	22	1	12	13
C10A	Anogenital herpes simplex - first attack	510	353	863	657	415	1072	732	413	1145	766	478	1244	805	429	1234	961	551	1512	923	499	1422
C10B	Anogenital herpes simplex - recurrence	219	155	374	299	220	519	336	217	553	413	244	657	444	262	706	517	309	826	537	361	898
C11A	Anogenital warts - first attack	1523	1536	3059	1572	1838	3410	1535	1823	3358	1537	1752	3289	1433	1807	3240	1444	1801	3245	1355	1665	3020
C11B, C11C, C11D	Anogenital warts - recurrence	709	935	1644	960	1329	2289	949	1426	2375	1050	1531	2581	1057	1729	2786	1072	1897	2969	1169	1947	3116
C12	Molluscum contagiosum	108	249	357	127	241	368	115	253	368	110	261	371	108	218	326	85	213	298	96	203	299
C13, C13A, C13B	Antigen positive hepatitis B: first diagnosis	5	8	13	10	32	42	6	16	22	5	18	23	4	16	20	13	16	29	9	10	19
C13C	Viral hepatitis B: subsequent presentation	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C14	Viral hepatitis C: first diagnosis	12	14	26	20	30	50	5	17	22	16	20	36	10	24	34	9	26	35	13	22	35
C15	Viral Hepatitis A: Acute Infection	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	2	1	3	4
D2A	Urinary tract infection	187	35	222	266	48	314	236	37	273	277	41	318	332	60	392	349	52	401	374	42	416
D2B	Other episodes requiring treatment at a GUM clinic	1197	1392	2589	1296	1426	2722	1523	1494	3017	1715	1681	3396	3196	1682	4878	4245	2068	6313	4505	2189	6694
D3	Other episodes not requiring treatment	14713	9312	24025	18675	11675	30350	23447	13022	36469	27314	15136	42450	27827	15081	42908	28593	15256	43849	27876	14456	42332
E1A	New HIV diagnosis: asymptomatic	3	5	8	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E1B, E2B	Subsequent HIV presentation (not AIDS)	72	142	214	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
E2A	New HIV diagnosis: symptomatic (not AIDS)	3	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E3A1	AIDS: first presentation - new HIV diagnosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E3A2	AIDS: first presentation - HIV diagnosed previously	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Table 10 continued...

KC60/SHHAPT Code and description		2011			2012			2013			2014			2015			2016			2017		
		F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T
E3B	AIDS - subsequent presentation	12	46	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	HIV positive	2	16	18	7	27	34	13	56	69	31	101	132	18	92	110	20	85	105	13	97	110
H1	New HIV diagnosis	8	27	35	14	34	48	11	77	88	21	74	95	11	64	75	14	59	73	14	59	73
H1A	New HIV diagnosis: Acute	0	2	2	2	5	7	2	6	8	0	1	1	0	1	1	2	6	8	0	7	7
H1B	New HIV diagnosis: Late	2	4	6	2	8	10	2	15	17	2	14	16	0	9	9	0	5	5	2	5	7
H2	Attendance for HIV related care	85	288	373	290	867	1157	414	1599	2013	460	1717	2177	463	1768	2231	395	1654	2049	532	1876	2408
P1A	HIV antibody test (no sexual health screen)	483	628	1111	660	651	1311	677	732	1409	839	846	1685	715	826	1541	625	714	1339	575	752	1327
P1B	HIV antibody test offered and refused	4594	3332	7926	7183	4245	11428	8440	4715	13155	8314	4431	12745	9452	4302	13754	10839	4601	15440	11203	4604	15807
P1C	HIV test inappropriate	257	71	328	607	396	1003	527	314	841	513	352	865	586	355	941	858	433	1291	1064	493	1557
P2, P2A	Hepatitis B vaccination: 1st dose	159	282	441	273	514	787	284	739	1023	360	860	1220	359	877	1236	348	838	1186	329	691	1020
P2B	Hepatitis B vaccination: 2nd dose	67	89	156	129	318	447	150	451	601	263	633	896	275	615	890	294	629	923	250	506	756
P2C	Hepatitis B vaccination: 3rd dose	57	86	143	106	243	349	105	374	479	215	501	716	195	546	741	203	493	696	164	391	555
P2D	Hepatitis B vaccination: 4th dose	0	0	0	0	0	0	1	8	9	6	34	40	60	207	267	49	120	169	20	114	134
P2E	Hepatitis B vaccination: booster	0	0	0	0	0	0	13	62	75	49	171	220	4	8	12	15	50	65	10	24	34
P2I	Hepatitis B immune	39	121	160	198	438	636	122	391	513	127	414	541	96	282	378	76	279	355	68	262	330
P3	Contraception (excluding condom provision)	5543	22	5565	13539	78	13617	17382	68	17450	17133	61	17194	29486	142	29628	39285	191	39476	41220	152	41372
P4	Cervical cytology done	922	4	926	2581	11	2592	3078	6	3084	2774	10	2784	4627	2	4629	6627	17	6644	5267	7	5274
P4A	Cervical Cytology - minor abnormality	107	0	107	86	1	87	121	0	121	98	1	99	69	0	69	65	0	65	58	0	58
P4B	Cervical Cytology - major abnormality	22	0	22	14	0	14	13	0	13	11	0	11	40	0	40	21	0	21	8	0	8
PEPD	Post exposure prophylaxis after sexual exposure (PEPSE): discussed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEPS	Post exposure prophylaxis after sexual exposure (PEPSE): provided	26	40	66	34	86	120	15	97	112	17	90	107	39	150	189	43	189	232	43	219	262
PN	Partner notification initiated	105	88	193	515	426	941	587	639	1226	969	988	1957	1121	1063	2184	1135	1007	2142	1270	1141	2411
PNC	Partner notification related attendance: Chlamydia	249	426	675	847	1380	2227	1081	1558	2639	1208	1737	2945	1147	1768	2915	1442	2145	3587	1489	2143	3632
PNG	Partner notification related attendance: Gonorrhoea	43	64	107	109	188	297	105	234	339	115	285	400	115	303	418	91	273	364	116	338	454
PNH	Partner notification related attendance: HIV	1	5	6	3	14	17	2	24	26	11	31	42	5	35	40	11	43	54	15	22	37

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Table 10 continued...

KC60/SHHAPT Code and description		2011			2012			2013			2014			2015			2016			2017		
		F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T
PNN	Partner notification related attendance: Non-specific genital infection	0	0	0	0	0	0	0	0	0	1	0	1	6	0	6	27	6	33	29	8	37
PNP	Partner notification related attendance: PID/ epididymitis	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	5	24	29	10	18	28
PNS	Partner notification related attendance: Syphilis	3	4	7	6	16	22	6	26	32	11	42	53	5	59	64	12	68	80	13	93	106
PR1	Pregnant - 1st trimester (1-12 weeks)	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	74	0	74	141	0	141
S1	Sexual health screen (no HIV antibody test)	2678	1897	4575	4	6	10	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
S2	HIV antibody test and sexual health screen	3814	3871	7685	12	13	25	15	5	20	1	3	4	0	0	0	2	0	2	0	0	0
SRH	Sexual & reproductive health patient	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	1	0	1
SW	Sex Worker	7	1	8	37	7	44	34	6	40	43	2	45	69	7	76	77	5	82	82	13	95
T1	Chlamydia test	399	373	772	135	40	175	73	10	83	62	17	79	58	18	76	18	10	28	17	11	28
T2	Chlamydia and gonorrhoea tests	2805	1513	4318	10500	5758	16258	13629	6854	20483	14950	7202	22152	16071	6808	22879	22416	9050	31466	24542	9412	33954
T3	Chlamydia, gonorrhoea and syphilis tests	423	329	752	118	167	285	100	221	321	95	201	296	84	249	333	118	299	417	116	407	523
T4	Full sexual health screen including HIV antibody test	5939	5563	11502	13459	12853	26312	14230	13638	27868	15906	14676	30582	16750	15243	31993	18044	16383	34427	18925	16963	35888
T5	HSV Test	0	0	0	0	0	0	0	0	0	8	13	21	30	15	45	185	151	336	370	252	622
T6	Hepatitis A/B/C Test	0	0	0	0	0	0	89	225	314	483	1128	1611	673	1402	2075	927	1820	2747	1170	2548	3718
T7	Syphilis and HIV Testing	0	0	0	0	0	0	3	3	6	13	11	24	77	89	166	262	291	553	480	563	1043
T9	STI tests not required	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	10	15	25	7	5	12
W1	HPV vaccination: first dose	0	0	0	2	2	4	3	3	6	2	2	4	3	4	7	16	213	229	86	1685	1771
W2	HPV vaccination: second dose	1	0	1	0	0	0	0	0	0	0	1	1	1	2	3	5	76	81	38	1042	1080
W3	HPV vaccination: third dose	0	0	0	0	0	0	0	0	0	0	4	4	1	4	5	2	7	9	16	414	430
Z	Prisoner	0	1	1	0	3	3	1	72	73	1	118	119	0	155	155	0	135	135	0	164	164

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