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HIV and STI trends in Wales

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Purpose and Summary of Documents:

This report presents data on HIV/AIDS and other sexually transmitted infections (STI) in Wales. Data are presented to the end of December 2016.

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
- Link from Public Health Wales e-Bulletin
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Table 1: Numbers and incidences of STI diagnoses made in sexual health clinics (SHCs) and HIV diagnoses from all settings across Wales, by gender, 2007 to 2016.

STI	Gender	Number										Incidence per 100,000									
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Syphilis	Females	7	9	6	15	13	1	16	10	11	16	0.5	0.6	0.4	1.0	0.8	0.1	1.0	0.6	0.7	1.0
	Males	78	107	65	65	54	72	84	128	88	122	5.3	7.2	4.4	4.3	3.6	4.8	5.5	8.4	5.8	8.0
	Total	85	116	71	80	67	73	100	138	99	138	2.8	3.8	2.3	2.6	2.2	2.4	3.2	4.5	3.2	4.4
Gonorrhoea	Females	134	131	142	114	142	353	349	318	327	353	8.7	8.5	9.2	7.3	9.1	22.6	22.3	20.2	20.8	22.4
	Males	339	279	338	200	311	516	676	671	692	611	23.1	18.9	22.7	13.4	20.7	34.2	44.6	44.1	45.4	39.8
	Total	473	410	481	314	453	869	1,025	989	1,019	964	15.7	13.5	15.8	10.3	14.8	28.3	33.3	32.0	32.9	31.0
Chlamydia	Females	1,982	2,301	2,283	2,114	1,772	2,545	2,819	3,010	3,013	3,454	128.9	148.8	147.2	136.0	113.6	162.7	179.9	191.6	191.5	218.7
	Males	1,601	2,161	2,325	1,796	1,837	2,275	2,428	2,510	2,563	2,883	109.0	146.1	156.3	120.1	122.1	150.7	160.2	165.0	168.0	187.9
	Total	3,585	4,463	4,611	3,910	3,609	4,820	5,247	5,522	5,577	6,337	119.2	147.5	151.7	128.2	117.8	156.8	170.2	178.6	180.0	203.6
Genital herpes (first episode)	Females	442	496	496	497	569	726	771	817	842	953	28.7	32.1	32.0	32.0	36.5	46.4	49.2	52.0	53.5	60.4
	Males	247	336	253	285	378	450	437	507	467	550	16.8	22.7	17.0	19.1	25.1	29.8	28.8	33.3	30.6	35.9
	Total	689	832	749	782	947	1,176	1,208	1,324	1,309	1,503	22.9	27.5	24.6	25.6	30.9	38.3	39.2	42.8	42.2	48.3
Genital warts (first episode)	Females	1,883	1,926	1,813	1,715	1,676	1,721	1,678	1,630	1,534	1,440	122.5	124.5	116.9	110.3	107.5	110.0	107.1	103.8	97.5	91.2
	Males	1,897	2,042	1,929	1,699	1,692	1,997	1,972	1,878	1,926	1,796	129.2	138.0	129.7	113.6	112.5	132.3	130.1	123.4	126.2	117.1
	Total	3,780	3,968	3,744	3,414	3,368	3,719	3,650	3,508	3,460	3,236	125.7	131.1	123.2	111.9	109.9	121.0	118.4	113.5	111.6	103.9
HIV	Females	40	44	36	37	49	37	25	51	42	31	2.6	2.8	2.3	2.4	3.1	2.4	1.6	3.2	2.7	2.0
	Males	125	98	103	112	108	83	107	134	164	110	8.5	6.6	6.9	7.5	7.2	5.5	7.1	8.8	10.8	7.2
	Total	165	142	139	149	157	120	132	185	206	141	5.5	4.7	4.6	4.9	5.1	3.9	4.3	6.0	6.6	4.5

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

ii) New HIV diagnoses from all settings, not limited to SHCs, as reported by PHE (October 2017)

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, 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) and first episode of genital warts (C11A)

Table 2: Rates of gonorrhoea and chlamydia tests reported from SHCs across Wales in 2016, 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	2,290.2	1.1%	2,290.2	10.1%
Neath Port Talbot	2,536.2	0.8%	2,536.2	8.7%
Swansea	2,793.7	1.0%	2,793.7	8.5%
Abertawe Bro Morgannwg	2,588.6	1.0%	2,588.6	8.9%
Blaenau Gwent	2,352.5	0.9%	2,355.4	9.8%
Caerphilly	2,236.5	1.1%	2,237.6	10.3%
Monmouthshire	1,464.8	0.7%	1,465.9	9.9%
Newport	3,839.1	1.1%	3,840.5	9.4%
Torfaen	2,394.3	0.9%	2,394.3	10.8%
Aneurin Bevan	2,561.7	1.0%	2,562.9	9.9%
Isle of Anglesey	1,451.5	0.7%	1,451.5	9.5%
Conwy	1,880.9	2.0%	1,881.8	11.0%
Denbighshire	1,876.5	1.0%	1,876.5	11.0%
Flintshire	1,195.4	1.4%	1,195.4	10.6%
Gwynedd	1,464.1	1.2%	1,464.1	6.9%
Wrexham	1,572.7	1.4%	1,573.4	11.7%
Betsi Cadwaladr	1,550.5	1.4%	1,550.8	10.2%
Cardiff	2,658.9	3.0%	2,660.5	9.2%
Vale of Glamorgan	1,310.1	3.0%	1,310.1	10.2%
Cardiff and Vale	2,305.2	3.0%	2,306.4	9.3%
Merthyr Tydfil	1,578.3	1.6%	1,585.0	10.9%
Rhondda Cynon Taff	1,817.8	1.6%	1,819.1	10.1%
Cwm Taf	1,769.8	1.6%	1,772.1	10.2%
Carmarthenshire*	1,513.4	1.0%	1,513.9	11.6%
Ceredigion	1,440.4	0.6%	1,440.4	10.2%
Pembrokeshire*	1,311.8	0.6%	1,313.4	10.1%
Hywel Dda*	1,434.2	0.8%	1,434.9	10.9%
Powys	292.8	0.5%	293.6	8.0%
Powys Teaching	292.8	0.5%	293.6	8.0%
Wales	1,988.8	1.5%	1,989.6	9.7%

*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) 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 3: Rates per 100,000 population of HIV and selected STIs diagnosed in SHCs across Wales, 2011-2016, by gender, local authority and health board of residence.

Residence LA and HB	HIV - SOPHID 2016												Gonorrhoea												Chlamydia											
	Female						Male						Female						Male						Female						Male					
	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016
Bridgend	24	30	32	28	31	29	58	68	72	70	74	69	10	24	24	20	21	15	13	33	61	32	30	37	45	188	243	276	219	287	58	139	190	158	135	173
Neath Port Talbot	13	13	15	15	13	12	41	45	48	45	78	82	1	22	20	22	21	19	3	23	25	32	42	23	27	196	197	211	164	256	41	147	150	120	126	183
Swansea	12	14	16	12	55	56	53	65	70	64	101	106	2	20	26	16	16	16	12	37	60	41	51	39	43	165	179	163	195	255	70	140	127	128	124	218
Abertawe Bro Morgannwg	16	18	20	17	37	37	51	61	65	61	88	90	4	22	24	19	18	17	10	32	51	36	43	34	39	180	201	207	193	264	59	142	151	134	127	197
Blaenau Gwent	3	3	0	0	3	3	55	67	58	58	56	44	14	25	39	34	17	14	23	20	41	41	35	26	99	138	189	195	269	283	152	108	163	204	175	175
Caerphilly	13	14	16	17	18	17	50	51	58	58	71	81	11	37	38	61	51	15	40	44	69	62	54	35	112	139	180	341	320	263	143	147	161	242	209	195
Monmouthshire	19	19	23	23	21	23	62	69	73	68	75	72	2	9	13	2	21	0	9	18	22	31	26	22	60	62	79	128	153	134	71	76	88	126	145	157
Newport	7	7	8	8	54	55	62	66	72	72	119	126	44	38	39	29	33	29	55	61	75	68	70	59	249	345	390	409	390	400	220	258	327	333	288	321
Torfaen	24	26	23	23	17	17	106	101	112	112	94	87	17	45	36	19	17	13	32	43	38	65	33	29	171	196	213	328	315	273	180	196	258	253	239	241
Aneurin Bevan	13	14	15	15	26	26	64	67	73	72	86	88	19	33	34	34	32	16	35	41	55	57	48	37	146	188	223	305	304	281	158	167	207	244	220	226
Isle of Anglesey	11	8	8	8	8	0	32	32	35	38	35	3	3	3	0	6	3	11	6	17	29	12	9	9	146	154	146	157	96	110	122	212	142	116	81	166
Conwy	10	10	12	13	15	12	77	90	89	87	88	51	12	20	8	12	8	35	14	25	16	18	27	41	239	260	245	187	199	232	145	208	210	163	170	180
Denbighshire	15	15	19	21	17	17	35	35	43	47	58	49	15	31	15	23	25	17	13	24	21	9	17	21	167	186	242	208	215	227	154	182	185	184	189	186
Flintshire	9	9	18	10	8	8	53	54	62	46	37	37	1	6	9	9	10	14	8	15	13	4	21	20	66	92	145	79	106	133	72	72	93	69	99	121
Gwynedd	24	24	26	21	16	26	62	58	66	76	62	129	2	5	3	6	15	13	7	23	28	28	31	21	113	119	102	104	103	96	107	128	111	97	112	106
Wrexham	32	32	39	44	42	45	54	50	59	59	46	53	6	4	9	10	16	19	15	13	15	18	26	26	269	239	271	187	242	186	214	182	231	148	198	183
Betsi Cadwaladr	17	17	22	20	18	19	54	55	61	60	54	57	6	11	8	11	13	18	11	19	19	15	23	24	165	173	192	148	162	164	135	155	160	126	143	154
Cardiff	65	60	61	61	61	69	176	169	184	188	204	205	14	41	40	37	35	63	35	60	92	118	108	96	119	177	154	192	198	261	125	162	146	208	233	226
Vale of Glamorgan	83	84	86	79	23	23	149	152	162	145	89	86	6	6	17	18	14	33	11	23	34	34	56	45	49	57	69	59	69	145	71	75	57	79	100	122
Cardiff and Vale	70	66	68	66	51	57	169	164	178	176	174	175	12	32	34	32	29	55	28	50	77	96	95	83	100	145	131	156	163	230	111	139	123	174	198	199
Merthyr Tydfil	17	23	23	20	40	43	69	66	73	72	124	126	0	13	40	13	23	16	10	21	38	24	28	34	53	37	123	123	172	181	73	76	159	162	175	163
Rhondda Cynon Taf	4	5	4	3	16	21	31	30	34	24	75	91	3	15	23	18	32	16	19	26	38	51	41	42	70	72	166	182	159	175	79	81	139	175	175	192
Cwm Taf	7	9	8	7	20	25	39	37	42	34	85	98	3	15	27	17	30	16	17	25	38	46	38	40	67	65	157	170	161	176	77	80	143	172	175	186
Cardemarthenshire*	12	15	15	14	15	17	51	54	55	56	66	70	0	3	3	1	1	9	0	14	13	11	7	21	11	37	33	25	21	191	6	33	20	15	17	159
Ceredigion	8	8	11	11	8	11	45	53	53	55	48	48	0	5	3	3	0	5	3	5	8	16	8	11	85	76	106	107	43	143	69	74	87	108	53	151
Pembrokeshire*	59	67	65	65	22	21	113	113	124	124	41	49	0	0	0	0	0	10	2	0	3	0	0	7	2	16	6	8	6	154	8	17	15	10	7	110
Hywel Dda	26	30	30	30	16	17	70	73	77	78	55	59	0	3	2	1	1	9	1	8	9	8	5	14	22	38	38	35	21	170	19	36	32	32	21	141
Powys Teaching	18	18	18	16	1	1	32	34	41	41	26	31	0	0	6	1	1	1	3	9	11	5	6	2	24	33	54	31	16	30	23	53	50	29	15	17
Wales	24	25	27	26	27	29	73	75	81	79	86	89	8	19	20	19	20	21	17	29	40	40	41	37	97	139	162	172	171	210	98	126	139	145	146	177

*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) HIV rates were based on the number of individuals receiving HIV-related care, as reported in SOPHID by PHE, October 2017. 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: gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A) 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 3 continued...

Residence LA and HB	Genital herpes												Genital warts												STI tests											
	Female						Male						Female						Male						Female						Male					
	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016	2011	2012	2013	2014	2015	2016
Bridgend	21	44	45	38	36	51	16	35	17	29	20	20	118	103	100	94	70	69	97	117	124	132	117	89	562	2,250	2,366	2,604	2,775	2,880	546	1,316	1,533	1,694	1,516	1,690
Neath Port Talbot	14	38	46	45	56	69	16	41	16	30	30	32	59	110	102	89	84	83	67	142	137	113	118	114	319	2,097	2,597	2,710	3,019	3,362	414	1,280	1,535	1,518	1,627	1,681
Swansea	24	50	57	66	46	62	18	36	25	47	27	38	65	102	106	106	98	94	81	142	163	137	130	112	527	2,353	2,668	2,833	3,158	3,388	592	1,661	1,969	1,933	1,968	2,200
Abertawe Bro Morgannwg	21	45	51	53	46	61	17	37	21	38	26	31	77	104	103	98	86	84	81	135	145	130	123	106	480	2,256	2,567	2,738	3,017	3,243	532	1,466	1,736	1,758	1,755	1,925
Blaenau Gwent	28	42	54	90	85	65	32	35	38	38	26	15	115	93	118	99	91	88	152	172	143	155	155	85	1,003	1,287	1,940	2,709	3,149	3,313	1,110	1,248	1,442	1,570	1,377	1,368
Caerphilly	47	49	68	69	63	59	34	21	38	32	36	42	114	98	119	118	97	104	143	128	122	116	125	126	1,069	1,391	1,964	2,594	2,598	2,918	1,170	1,231	1,341	1,422	1,393	1,529
Monmouthshire	34	21	26	30	34	30	11	24	20	15	13	37	97	88	88	79	72	60	73	102	108	110	101	96	748	917	1,022	1,135	1,254	1,598	796	949	994	1,130	1,042	1,330
Newport	74	105	121	103	127	108	50	46	57	81	63	50	177	158	157	155	129	128	192	212	202	154	170	160	2,873	3,522	4,210	4,795	4,578	4,867	2,034	2,459	2,649	2,657	2,558	2,779
Torfaen	34	62	83	68	53	68	43	36	29	34	33	38	152	141	122	145	121	89	196	144	155	148	159	123	1,640	2,323	2,796	2,770	2,633	3,110	1,479	1,722	1,986	1,858	1,567	1,641
Aneurin Bevan	48	60	75	74	76	69	36	32	38	43	38	39	134	118	124	123	104	99	154	153	148	134	141	124	1,557	1,990	2,512	2,961	2,959	3,283	1,370	1,576	1,731	1,774	1,659	1,815
Isle of Anglesey	25	45	28	42	48	54	23	23	23	12	23	35	141	109	123	78	76	62	108	102	99	104	99	73	928	1,100	1,208	1,264	1,703	1,770	952	1,168	1,226	1,177	1,132	1,123
Conwy	47	54	42	53	82	48	32	32	34	30	14	49	136	134	94	112	102	69	133	161	135	80	120	104	1,948	2,224	1,943	2,028	1,982	2,181	1,292	1,561	1,657	1,370	1,495	1,567
Denbighshire	46	63	54	31	56	60	28	32	28	21	21	36	150	144	115	94	131	94	137	115	127	94	120	71	1,868	2,015	2,218	1,792	2,100	2,252	1,181	1,377	1,513	1,243	1,495	1,490
Flintshire	18	28	46	23	42	46	16	20	15	13	14	12	74	68	81	47	56	63	58	70	85	41	72	75	737	873	1,484	1,043	1,301	1,494	464	548	829	627	865	888
Gwynedd	29	37	28	32	48	30	17	22	8	30	18	21	89	94	92	79	84	74	75	88	95	83	97	88	859	925	1,000	996	1,761	1,850	919	1,068	1,127	1,059	1,083	1,071
Wrexham	59	59	70	47	58	56	39	34	31	23	31	41	122	94	88	83	121	86	119	118	107	82	104	85	1,761	1,734	1,955	1,590	1,868	1,855	1,239	1,215	1,363	1,008	1,180	1,291
Betsi Cadwaladr	37	46	46	38	56	48	26	27	23	22	20	31	114	104	95	80	94	74	101	107	106	77	100	83	1,337	1,458	1,641	1,434	1,758	1,875	982	1,115	1,258	1,041	1,183	1,218
Cardiff	41	52	40	57	66	93	29	29	25	37	50	57	85	119	98	156	140	143	94	126	101	171	167	175	1,292	1,580	1,411	2,099	2,149	2,981	1,083	1,420	1,342	2,115	2,116	2,329
Vale of Glamorgan	20	18	26	37	32	36	15	11	16	13	23	24	63	74	57	61	53	83	53	81	68	85	63	107	602	704	685	850	768	1,485	603	650	603	893	868	1,125
Cardiff and Vale	35	43	36	51	57	78	25	24	23	30	43	48	79	107	87	130	117	127	83	114	92	149	140	157	1,106	1,345	1,217	1,766	1,783	2,585	955	1,216	1,147	1,794	1,790	2,017
Merthyr Tydfil	13	0	20	43	36	30	10	10	21	35	28	24	73	60	146	106	96	72	111	101	163	152	148	136	426	508	1,002	1,236	1,415	1,805	559	573	1,036	1,242	1,287	1,358
Rhondda Cynon Taf	33	30	63	72	45	68	15	21	55	47	30	50	117	91	129	125	103	96	114	108	161	156	160	139	702	771	1,610	1,942	1,976	1,986	668	747	1,279	1,550	1,607	1,646
Cwm Taf	29	24	54	66	44	61	14	19	48	45	30	45	108	85	133	121	102	91	114	107	161	155	157	139	647	718	1,488	1,801	1,864	1,949	646	712	1,230	1,488	1,543	1,588
Cardiff and Vale	7	3	5	10	5	47	7	3	11	7	4	13	5	14	21	12	13	63	17	22	15	24	19	102	69	489	516	419	582	1,876	96	280	299	280	271	1,136
Ceredigion	16	13	11	13	3	22	8	8	16	16	8	3	90	92	108	85	83	95	61	105	105	87	69	118	984	1,060	1,257	1,225	1,135	1,637	675	1,094	1,231	1,093	1,057	1,245
Pembrokeshire*	2	3	0	0	0	38	5	2	3	2	2	35	5	8	8	2	0	68	8	12	22	12	5	77	77	99	92	64	51	1,723	65	126	172	115	69	889
Hywel Dda	7	5	5	7	3	40	6	4	10	7	4	18	22	27	34	23	22	71	23	36	35	33	24	97	249	475	523	460	516	1,781	202	395	446	390	362	1,078
Powys Teaching	4	7	4	6	6	4	9	5	5	5	6	8	46	36	40	27	15	12	43	53	52	37	14	24	303	416	503	380	269	331	246	463	416	329	239	255
Wales	30	39	45	47	48	57	22	25	25	29	26	34	91	93	94	94	87	88	94	110	113	108	110	111	952	1,437	1,692	1,862	1,993	2,414	813	1,120	1,270	1,348	1,356	1,553

*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) HIV rates were based on the number of individuals receiving HIV-related care, as reported in SOPHID by PHE, October 2017. 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: gonorrhoea (B, B1, B2), chlamydia (C4, C4A, C4C), first episode of genital herpes (C10A), first episode of genital warts (C11A) 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 4: Numbers and incidences STI diagnoses made in SHCs and HIV diagnoses from all settings across Wales, in 15-24 year olds, by gender, 2007 to 2016.

STI	Gender	Number										Incidence per 100,000									
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Syphilis	Females	4	5	4	2	2	0	6	3	3	7	2.0	2.5	2.0	1.0	1.0	0.0	3.0	1.5	1.5	3.7
	Males	10	22	9	7	8	14	22	21	15	23	4.9	10.7	4.4	3.4	3.8	6.6	10.5	10.0	7.3	11.3
	Total	14	27	13	9	10	14	28	24	18	30	3.5	6.7	3.2	2.2	2.4	3.4	6.8	5.9	4.5	7.6
Gonorrhoea	Females	101	98	109	85	101	259	233	225	224	248	51.4	49.3	54.4	42.6	50.5	128.9	116.8	114.3	115.6	130.7
	Males	149	130	169	93	146	256	283	286	274	251	73.1	63.3	81.9	44.7	69.7	121.0	134.5	136.8	132.7	123.1
	Total	250	228	278	178	247	515	516	511	498	499	62.5	56.4	68.6	43.7	60.3	124.8	125.9	125.9	124.4	126.8
Chlamydia	Females	1,594	1,839	1,855	1,714	1,398	2,020	2,254	2,381	2,340	2,717	811.8	924.3	926.3	858.1	698.6	1005.1	1129.9	1209.2	1207.7	1432.4
	Males	1,008	1,377	1,479	1,122	1,165	1,447	1,534	1,535	1,588	1,776	494.4	670.9	716.6	539.6	556.5	684.1	729.0	734.0	769.2	871.1
	Total	2,602	3,216	3,334	2,836	2,563	3,467	3,788	3,916	3,928	4,493	650.2	795.9	820.1	695.6	625.9	840.5	924.1	964.5	981.7	1141.6
Genital herpes (first episode)	Females	272	291	276	286	313	385	412	434	494	529	138.5	146.3	137.8	143.2	156.4	191.6	206.5	220.4	255.0	278.9
	Males	104	129	101	128	141	203	155	192	183	230	51.0	62.9	48.9	61.6	67.3	96.0	73.7	91.8	88.6	112.8
	Total	376	420	377	414	454	588	567	626	677	759	93.9	103.9	92.7	101.5	110.9	142.5	138.3	154.2	169.2	192.9
Genital warts (first episode)	Females	1,296	1,347	1,275	1,152	1,094	1,149	1,090	1,051	946	857	660.1	677.0	636.7	576.7	546.7	571.7	546.4	533.8	488.3	451.8
	Males	1,025	1,102	1,029	888	894	1,071	1,057	932	968	932	502.8	536.9	498.6	427.1	427.0	506.3	502.3	445.7	468.9	457.1
	Total	2,321	2,449	2,304	2,040	1,988	2,220	2,147	1,983	1,914	1,789	579.9	605.9	567.1	500.4	485.5	538.2	523.8	488.4	478.3	454.6
HIV (PHE new diagnoses)	Females	4	5	4	5	6	5	2	3	0	0	2.0	2.5	2.0	2.5	3.0	2.5	1.0	1.5	0.0	0.0
	Males	16	8	13	16	14	15	15	18	17	15	7.8	3.9	6.3	7.7	6.7	7.1	7.1	8.6	8.2	7.4
	Total	20	13	17	21	20	20	17	21	17	15	5.0	3.2	4.2	5.2	4.9	4.8	4.1	5.2	4.2	3.8

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

ii) New HIV diagnoses from all settings, not limited to SHCs, as reported by PHE (October 2017)

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, 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) and first episode of genital warts (C11A)

Table 5: Rates of gonorrhoea and chlamydia tests in 15-24 year olds reported from SHCs across Wales in 2016, 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	11,594.9	0.9%	11,594.9	13.8%
Neath Port Talbot	11,520.9	0.8%	11,520.9	12.3%
Swansea	9,477.0	0.9%	9,477.0	11.3%
Abertawe Bro Morgannwg	10,435.2	0.9%	10,435.2	12.2%
Blaenau Gwent	10,309.4	0.8%	10,321.5	13.5%
Caerphilly	10,332.6	0.9%	10,337.4	13.6%
Monmouthshire	7,702.6	0.5%	7,713.0	13.9%
Newport	15,737.1	1.2%	15,742.6	12.8%
Torfaen	10,295.6	0.8%	10,295.6	16.1%
Aneurin Bevan	11,398.2	1.0%	11,404.1	13.7%
Isle of Anglesey	6,648.1	0.7%	6,648.1	13.2%
Conwy	10,186.9	2.1%	10,186.9	14.4%
Denbighshire	9,059.8	0.6%	9,059.8	14.5%
Flintshire	5,500.4	1.0%	5,500.4	14.7%
Gwynedd	4,776.4	1.4%	4,776.4	9.8%
Wrexham	6,550.8	1.8%	6,550.8	17.7%
Betsi Cadwaladr	6,780.7	1.4%	6,780.7	14.2%
Cardiff	7,629.9	3.1%	7,634.4	12.1%
Vale of Glamorgan	5,938.5	3.8%	5,938.5	14.4%
Cardiff and Vale	7,330.6	3.2%	7,334.3	12.4%
Merthyr Tydfil	6,389.6	1.5%	6,417.9	16.7%
Rhondda Cynon Taff	7,378.2	1.5%	7,388.2	14.4%
Cwm Taf	7,189.0	1.5%	7,202.6	14.8%
Carmarthenshire*	7,301.6	1.1%	7,306.5	16.9%
Ceredigion	4,861.3	0.7%	4,861.3	12.7%
Pembrokeshire*	6,375.9	0.5%	6,391.0	13.9%
Hywel Dda*	6,327.6	0.8%	6,333.9	15.1%
Powys	1,449.8	1.0%	1,457.2	11.7%
Powys Teaching	1,449.8	1.0%	1,457.2	11.7%
Wales	8,128.7	1.5%	8,132.8	13.4%

*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) 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 6: Numbers (percentages) of STI diagnoses made in SHCs and HIV diagnoses from all settings within each person group, Wales 2011-2016.

Person group	STI	2011	2012	2013	2014	2015	2016
MSM	Syphilis	37 (9%)	42 (9%)	62 (9%)	88 (11%)	56 (6%)	93 (10%)
	Gonorrhoea	108 (26%)	158 (32%)	291 (42%)	310 (39%)	346 (39%)	314 (34%)
	Chlamydia	119 (28%)	144 (30%)	155 (22%)	232 (29%)	264 (29%)	321 (35%)
	Genital herpes (first episode)	19 (4%)	18 (4%)	22 (3%)	29 (4%)	39 (4%)	43 (5%)
	Genital warts (first episode)	66 (16%)	75 (15%)	89 (13%)	85 (11%)	106 (12%)	120 (13%)
	HIV	74 (17%)	51 (10%)	76 (11%)	54 (7%)	85 (9%)	33 (4%)
	Total	423 (100%)	488 (100%)	695 (100%)	798 (100%)	896 (100%)	924 (100%)
Heterosexual men	Syphilis	14 (0%)	28 (1%)	19 (0%)	35 (1%)	27 (1%)	26 (1%)
	Gonorrhoea	176 (5%)	328 (7%)	341 (8%)	333 (7%)	333 (7%)	284 (6%)
	Chlamydia	1559 (44%)	1974 (43%)	2052 (45%)	2145 (45%)	2240 (46%)	2461 (50%)
	Genital herpes (first episode)	315 (9%)	398 (9%)	364 (8%)	455 (10%)	416 (9%)	492 (10%)
	Genital warts (first episode)	1466 (41%)	1794 (40%)	1745 (38%)	1723 (37%)	1792 (37%)	1634 (33%)
	HIV	23 (1%)	18 (0%)	20 (0%)	25 (1%)	15 (0%)	18 (0%)
	Total	3553 (100%)	4540 (100%)	4541 (100%)	4716 (100%)	4823 (100%)	4915 (100%)
Heterosexual women	Syphilis	12 (0%)	1 (0%)	15 (0%)	9 (0%)	10 (0%)	16 (0%)
	Gonorrhoea	133 (3%)	335 (7%)	335 (6%)	309 (5%)	320 (6%)	343 (6%)
	Chlamydia	1673 (42%)	2453 (48%)	2704 (50%)	2933 (52%)	2964 (53%)	3352 (56%)
	Genital herpes (first episode)	525 (13%)	679 (13%)	706 (13%)	775 (14%)	822 (15%)	912 (15%)
	Genital warts (first episode)	1569 (40%)	1637 (32%)	1604 (30%)	1570 (28%)	1498 (27%)	1384 (23%)
	HIV	37 (1%)	29 (1%)	18 (0%)	32 (1%)	11 (0%)	6 (0%)
	Total	3949 (100%)	5134 (100%)	5382 (100%)	5628 (100%)	5625 (100%)	6013 (100%)

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

ii) New HIV diagnoses from all settings, not limited to SHCs, as reported by PHE (October 2017). For 2015 and 2016, 43% and 58% of HIV diagnoses were in individuals with undetermined route of exposure, a higher percentage than in previous years.

iii) Diagnoses made in clinics in Carmarthenshire or Pembrokeshire, reported on paper SHHAPT forms, 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) and first episode of genital warts (C11A).

Table 7: New HIV diagnoses by gender and probable exposure category, 2007-2016. Source: New HIV diagnoses, Public Health England, as at October 2017

Exposure category	Female										Male									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Sex between men	-	-	-	-	-	-	-	-	-	-	90	62	75	58	74	51	76	54	85	33
Heterosexual contact	36	40	30	31	37	29	18	32	11	6	33	31	25	39	23	18	20	25	15	18
Injecting drug use	1	0	0	0	1	0	0	2	5	1	1	2	0	1	2	1	0	7	2	1
Mother to infant	1	0	3	0	0	2	0	3	0	0	0	1	1	2	0	0	1	1	0	0
Recipient of blood/ tissue products	1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not reported	1	4	3	6	11	6	7	14	26	24	1	1	2	10	9	13	10	47	62	58
Total	40	44	36	37	49	37	25	51	42	31	125	98	103	112	108	83	107	134	164	110

Notes for New Diagnoses: Data provided by Public Health England. Years represent year of first diagnosis. Data will include some records of the same individuals which are unmatchable because of differences in the information supplied. Numbers will change as further reports are received, particularly for recent years.

Table 8: New HIV diagnoses and residents receiving HIV-related care in Wales, by ethnic group and gender. Data recorded by PHE, published in October 2017.

Ethnicity	Receiving HIV-related care (SOPHID)							New HIV diagnoses						
	2010	2011	2012	2013	2014	2015	2016	2010	2011	2012	2013	2014	2015	2016
Black African	264	295	289	302	289	277	290	36	24	23	15	15	10	7
Female	183	197	209	214	203	198	213	19	15	18	8	11	7	3
Male	81	98	80	88	86	79	77	17	9	5	7	4	3	4
Black Caribbean	5	9	4	4	4	7	8	1	0	0	2	0	0	0
Black other	14	14	15	17	13	24	26	3	2	0	0	1	1	1
Asian	34	39	47	53	51	60	61	2	7	4	3	7	4	1
Mixed or other	28	34	28	26	22	28	27	3	6	1	3	6	4	0
White	980	1,078	1,145	1,252	1,226	1,328	1,389	86	103	81	94	101	109	57
Female	119	134	141	157	150	164	168	9	18	11	10	15	9	4
Male	861	944	1,004	1,095	1,076	1,164	1,221	77	85	70	84	86	100	53
Not known	0	2	1	4	6	19	34	18	15	11	15	55	78	75
Total	1,325	1,471	1,529	1,658	1,611	1,743	1,835	149	157	120	132	185	206	141

Table 9: Residents of Wales who received HIV-related care in 2016, by ethnicity and possible route of exposure. Source: SOPHID, Public Health England, October 2017

Ethnicity	Sex between Men		Heterosexual contact		Mother-to-child transmission		Injecting drug use		Recipient of blood/ tissue products		Not reported		Total	
	F	M	F	M	F	M	F	M	F	M	F	M	F	M
Black African	...	8	194	60	11	6	0	1	1	0	7	2	213	77
Black Caribbean	...	2	4	1	1	0	0	0	0	0	0	0	5	3
Black other	...	10	10	5	0	1	0	0	0	0	0	0	10	16
Asian	...	15	35	6	0	0	0	1	0	0	2	2	37	24
Mixed or other	...	10	6	8	1	0	0	2	0	0	0	0	7	20
White	...	956	152	187	2	5	6	27	2	15	6	31	168	1,221
Not known	...	8	10	4	1	1	0	0	0	0	6	4	17	17
Total	...	1,009	411	271	16	13	6	31	3	15	21	39	457	1,378

Notes for SOPHID: These data include patients diagnosed with HIV infection, who were seen for statutory medical HIV-related care. Patients with missing information may have been assigned values based on subsequent years' data. Sex between men includes those who also injected drugs.

Table 10: Residents of Wales aged 15 to 59 who received HIV-related care in 2016, by health board and local authority of residence, 2016. Source: SOPHID, Public Health England, October 2017

Area	Number	Number per 1,000 aged 15-59
Abertawe Bro Morgannwg	295	1.0
Bridgend	64	0.8
Neath Port Talbot	55	0.7
Swansea	176	1.2
Aneurin Bevan	295	0.9
Blaenau Gwent	12	0.3
Caerphilly	82	0.8
Monmouthshire	39	0.8
Newport	120	1.4
Torfaen	42	0.8
Betsi Cadwaladr	216	0.6
Isle of Anglesey	*	0.0
Conwy	30	0.5
Denbighshire	24	0.5
Flintshire	24	0.3
Gwynedd	75	1.1
Wrexham	63	0.8
Cardiff and Vale	493	1.6
Cardiff	433	1.9
The Vale of Glamorgan	60	0.8
Cwm Taf	161	0.9
Merthyr Tydfil	45	1.3
Rhondda Cynon Taf	116	0.8
Hywel Dda	119	0.6
Carmarthenshire	67	0.7
Ceredigion	19	0.5
Pembrokeshire	33	0.5
Powys Teaching	16	0.2
Powys	16	0.2
Wales	1595	0.9

Some cells have been blanked due to small numbers (*)

Notes for SOPHID: These data include patients diagnosed with HIV infection, who were seen for statutory medical HIV-related care.

Table 11: Syphilis cases from the enhanced surveillance scheme in Wales, by stage of infection and person group, 2002-2016

Person group	Stage of infection	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
MSM	Primary	10	23	13	22	18	21	44	23	19	22	9	42	51	30	25
	Secondary	4	10	14	9	16	22	28	12	16	10	17	8	25	14	17
	Early latent	6	5	10	6	8	14	17	5	17	14	8	17	18	14	16
	Unknown	0	0	0	0	0	6	3	4	2	2	12	6	9	9	6
	Total	20	38	37	37	42	63	92	44	54	48	46	73	103	67	64
Heterosexual men	Primary	1	7	5	5	4	8	9	1	8	6	3	7	7	4	5
	Secondary	1	1	0	0	5	4	5	2	1	2	1	1	5	1	4
	Early latent	1	3	3	2	4	4	3	2	4	1	1	0	0	2	3
	Unknown	0	0	0	0	2	1	1	0	1	1	0	2	4	3	0
	Total	3	11	8	7	15	17	18	5	14	10	5	10	16	10	12
Heterosexual women	Primary	0	2	1	1	3	1	1	0	3	3	2	3	4	2	1
	Secondary	0	0	0	1	3	0	2	1	0	2	0	1	0	2	3
	Early latent	1	2	1	3	7	4	4	3	3	1	0	4	1	1	3
	Unknown	0	0	0	0	1	2	1	1	0	2	3	2	1	2	0
	Total	1	4	2	5	14	7	8	5	6	8	5	10	6	7	7
All	Primary	11	32	19	28	25	30	54	25	30	31	14	53	62	36	32
	Secondary	5	11	14	10	24	26	35	15	17	14	18	10	32	17	25
	Early latent	8	10	14	11	20	22	24	10	24	16	10	21	19	18	22
	Unknown	0	0	0	0	4	9	5	6	3	5	15	10	14	14	6
	Total	24	53	47	49	73	87	118	56	74	66	57	94	127	85	85

i) Totals include some individuals of other/unknown sexuality

Table 12: Number of new and existing blood donors who tested positive for HIV, HBV, HCV or *Treponema pallidum* infection in Wales, 2007 to 2016. Source: Welsh Blood Service and National Blood Service.

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

Table 13: Numbers of KC60/SHHAPT codes received from SHCs via SWS, across Wales.

KC60/SHHAPT Code and description		2007			2008			2009			2010			2011			2012			2013			2014			2015			2016			
		Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total				
A1	Primary infectious syphilis	2	30	32	2	38	40	3	37	40	6	31	37	4	24	28	0	27	27	5	46	51	7	66	73	1	38	39	4	4	8	
A2	Secondary infectious syphilis	0	26	26	3	37	40	1	18	19	1	13	14	3	12	15	0	21	21	3	12	15	0	26	26	2	20	22	4	4	8	
A3	Early latent syphilis	3	21	24	4	30	34	2	10	12	4	16	20	5	17	22	1	20	21	7	22	29	2	35	37	8	27	35	8	8	16	
A4	Other acquired syphilis	9	7	16	6	13	19	3	9	12	2	8	10	0	2	2	0	0	0	0	4	4	0	3	3	1	0	1	2	2	4	
A5	Other acquired syphilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	1	0	0	0	0	1	1	1	1	2	
A6	Other acquired syphilis	9	23	32	6	19	25	9	24	33	5	12	17	7	11	18	7	19	26	8	16	24	9	19	28	9	35	44	11	11	22	
A7A	Congenital Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
A9	Epidemiological treatment of suspected syphilis	4	10	14	2	19	21	3	6	9	3	7	10	0	3	3	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0
B, B1, B2	Gonorrhoea	129	324	453	127	267	394	139	327	466	112	190	302	136	281	417	337	500	837	331	651	982	310	656	966	320	672	992	352	352	704	
B3	Gonococcal ophthalmia	0	0	0	2	0	2	2	0	2	1	1	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
B4	Epidemiological treatment of suspected gonorrhoea	73	88	161	100	84	184	86	103	189	67	92	159	29	63	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B5	Complicated gonococcal infection - including PID and epididymitis	3	0	3	5	2	7	12	0	12	4	2	6	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
C1	Chancroid/Donovanosis/LGV	2	1	3	0	3	3	2	3	5	0	1	1	11	8	19	1	4	5	2	2	4	0	1	1	0	1	1	3	3	6	
C2	Chancroid/Donovanosis/LGV	0	1	1	1	1	2	1	4	5	0	3	3	0	2	2	1	2	3	0	5	5	0	0	0	1	4	5	0	0	0	
C3	Chancroid/Donovanosis/LGV	1	0	1	1	1	2	0	1	1	0	0	0	1	2	3	5	1	6	2	1	3	0	0	0	0	1	1	0	0	0	
C4, C4A, C4C	Chlamydia	1857	1503	3360	2110	1973	4083	2068	2125	4193	1931	1596	3527	1623	1647	3270	2383	2125	4508	2665	2274	4939	2864	2362	5226	2843	2385	5228	3419	3419	6838	
C4B	Complicated Chlamydial infection - including PID and epididymitis	64	27	91	80	29	109	51	20	71	53	17	70	27	7	34	4	0	4	1	0	1	1	0	1	0	0	0	0	0	0	0
C4D	Chlamydial ophthalmia	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
C4E	Epidemiological treatment of suspected chlamydia	784	1101	1885	792	1127	1919	705	979	1684	633	872	1505	256	426	682	21	17	38	7	8	15	0	0	0	0	0	0	0	0	0	0
C4I	Epidemiological treatment of NSGI	355	130	485	309	136	445	243	123	366	161	90	251	87	64	151	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	326	2068	2394	251	1809	2060	357	1491	1848	299	1063	1362	142	911	1053	274	1119	1393	259	1013	1272	260	1060	1320	205	985	1190	206	206	412	
C5	Complicated infection (non-chlamydial/non-gonococcal) - including PID and epididymitis	329	109	438	263	103	366	210	103	313	223	93	316	92	33	125	18	20	38	25	14	39	0	0	0	0	0	0	0	0	0	0
C5A	Pelvic inflammatory disease/	0	0	0	0	0	0	42	10	52	61	13	74	187	66	253	348	144	492	399	165	564	551	237	788	688	245	933	620	620	1240	

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

Table 13 continued...

KC60/SHHAPT Code and description		2007			2008			2009			2010			2011			2012			2013			2014			2015			2016		
		Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total
C5B	Ophthalmia neonatorum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	4	1	5	0	1	1	20	2	22	4	0	4
C6A	Trichomoniasis	41	1	42	77	10	87	65	6	71	57	3	60	28	9	37	60	8	68	72	3	75	79	5	84	52	4	56	100	15	115
C6B	Anaerobic/Bacterial vaginosis & anaerobic balanitis	2543	106	2649	2590	121	2711	2504	70	2574	2060	67	2127	1731	75	1806	1929	101	2030	1880	128	2008	2116	142	2258	2449	160	2609	2498	92	2590
C6C	Other vaginosis/vaginitis/balanitis	55	506	561	54	454	508	77	341	418	66	221	287	139	375	514	132	382	514	180	434	614	202	397	599	181	378	559	199	324	523
C7, C7A	Anogenital candidosis	2265	299	2564	2333	333	2666	2044	382	2426	1716	310	2026	1538	292	1830	1668	469	2137	1644	403	2047	1926	486	2412	2146	485	2631	2424	543	2967
C7B	Epidemiological treatment of C6 and C7	105	96	201	187	134	321	187	143	330	179	163	342	147	95	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C8	Scabies	4	35	39	4	33	37	5	41	46	4	35	39	7	41	48	9	55	64	9	60	69	10	53	63	11	73	84	19	85	104
C9	Pediculosis pubis	0	18	18	1	22	23	2	12	14	0	7	7	0	14	14	1	20	21	2	19	21	1	14	15	0	12	12	1	21	22
C10A	Anogenital herpes simplex - first attack	401	220	621	451	295	746	448	226	674	448	259	707	510	353	863	658	415	1073	732	413	1145	766	477	1243	803	432	1235	940	540	1480
C10B	Anogenital herpes simplex - recurrence	142	126	268	208	159	367	197	119	316	211	123	334	219	155	374	298	220	518	336	217	553	413	245	658	442	259	701	506	304	810
C11A	Anogenital warts - first attack	1693	1705	3398	1738	1844	3582	1606	1740	3346	1552	1509	3061	1523	1533	3056	1572	1836	3408	1537	1820	3357	1531	1755	3286	1427	1801	3228	1424	1777	3201
C11B, C11C, C11D	Anogenital warts - recurrence	852	1146	1998	846	1182	2028	696	1059	1755	713	977	1690	709	938	1647	960	1330	2290	947	1430	2377	1056	1528	2584	1058	1737	2795	1061	1868	2929
C12	Molluscum contagiosum	172	282	454	161	304	465	125	267	392	117	229	346	108	249	357	127	241	368	115	253	368	110	261	371	108	216	324	83	210	293
C13, C13A, C13B	Antigen positive hepatitis B: first diagnosis	7	22	29	2	11	13	5	13	18	8	14	22	5	8	13	10	32	42	6	16	22	5	18	23	4	17	21	12	15	27
C13C	Viral hepatitis B: subsequent presentation	1	6	7	3	8	11	3	6	9	4	8	12	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C14	Viral hepatitis C: first diagnosis	15	27	42	10	22	32	7	22	29	8	18	26	12	14	26	20	30	50	5	17	22	16	20	36	10	22	32	9	24	33
C15	Viral Hepatitis A: Acute Infection	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	2
D2A	Urinary tract infection	148	14	162	179	17	196	173	25	198	162	21	183	187	35	222	266	48	314	236	37	273	277	41	318	332	60	392	346	49	395
D2B	Other episodes requiring treatment at a GUM clinic	1451	1495	2946	1403	1517	2920	1493	1203	2696	1593	1101	2694	1197	1392	2589	1296	1426	2722	1522	1494	3016	1715	1681	3396	3194	1680	4874	4226	2038	6264
D3	Other episodes not requiring treatment	5032	6334	11366	7931	8782	16713	9692	8963	18655	12852	8452	21304	14712	9313	24025	18675	11675	30350	23446	13024	36470	27313	15137	42450	27522	14957	42479	27044	14558	41602
E1A	New HIV diagnosis: asymptomatic	18	69	87	20	46	66	9	37	46	12	33	45	3	5	8	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
E1B, E2B	Subsequent HIV presentation (not AIDS)	458	1149	1607	369	847	1216	94	208	302	125	216	341	72	142	214	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
E2A	New HIV diagnosis: symptomatic (not AIDS)	9	28	37	7	22	29	6	2	8	8	16	24	3	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E3A1	AIDS: first presentation - new HIV diagnosis	1	5	6	1	5	6	0	2	2	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	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Table 13 continued...

KC60/SHHAPT Code and description		2007			2008			2009			2010			2011			2012			2013			2014			2015			2016		
		Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total			
E3B	AIDS - subsequent presentation	33	208	241	41	176	217	31	69	100	21	72	93	12	46	58	0	0	0	0	0	0	0	0	0	0	0	0	0		
H	HIV positive	0	0	0	0	0	0	0	0	0	0	0	0	2	16	18	7	27	34	13	56	69	31	102	133	18	94	112	19	87	106
H1	New HIV diagnosis	0	0	0	0	0	0	5	16	21	3	10	13	8	27	35	14	34	48	11	77	88	21	74	95	11	61	72	13	56	69
H1A	New HIV diagnosis: Acute	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	5	7	2	6	8	0	1	1	0	1	1	2	5	7
H1B	New HIV diagnosis: Late	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	2	8	10	2	15	17	2	14	16	0	8	8	0	4	4
H2	Attendance for HIV related care	0	0	0	0	0	0	25	90	115	6	45	51	85	288	373	290	867	1157	414	1598	2012	460	1715	2175	463	1760	2223	384	1615	1999
P1A	HIV antibody test (no sexual health screen)	670	1007	1677	591	845	1436	549	732	1281	450	627	1077	483	629	1112	660	651	1311	677	733	1410	839	846	1685	713	825	1538	605	704	1309
P1B	HIV antibody test offered and refused	3727	3437	7164	4215	4071	8286	4523	4020	8543	5017	3654	8671	4594	3332	7926	7182	4244	11426	8440	4715	13155	8313	4431	12744	9453	4299	13752	10752	4557	15309
P1C	HIV test inappropriate	0	0	0	0	0	0	0	1	1	4	2	6	256	70	326	605	396	1001	525	315	840	514	351	865	586	355	941	856	432	1288
P2, P2A	Hepatitis B vaccination: 1st dose	161	437	598	141	360	501	143	318	461	156	278	434	159	282	441	273	513	786	284	740	1024	360	859	1219	359	870	1229	345	822	1167
P2B	Hepatitis B vaccination: 2nd dose	0	0	0	0	0	0	0	0	0	2	2	4	67	89	156	129	317	446	150	451	601	263	632	895	274	613	887	290	620	910
P2C	Hepatitis B vaccination: 3rd dose	0	0	0	0	0	0	0	1	1	2	2	4	57	86	143	106	242	348	105	374	479	215	500	715	194	532	726	197	482	679
P2D	Hepatitis B vaccination: 4th dose	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	9	6	34	40	60	207	267	49	120	169
P2E	Hepatitis B vaccination: booster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	62	75	49	171	220	4	8	12	15	50	65
P2I	Hepatitis B immune	0	1	1	0	2	2	1	1	2	2	14	16	39	121	160	198	438	636	122	391	513	127	414	541	93	265	358	71	247	318
P3	Contraception (excluding condom provision)	519	6	525	1804	16	1820	3128	28	3156	5143	27	5170	5540	22	5562	13534	78	13612	17382	66	17448	17129	62	17191	29477	140	29617	39227	186	39413
P4	Cervical cytology done	0	0	0	291	0	291	814	1	815	107	0	107	921	4	925	2580	11	2591	3076	6	3082	2773	10	2783	4622	2	4624	6455	16	6471
P4A	Cervical Cytology - minor abnormality	138	0	138	220	4	224	191	1	192	121	1	122	107	0	107	86	1	87	121	0	121	98	1	99	68	0	68	61	0	61
P4B	Cervical Cytology - major abnormality	13	0	13	32	0	32	38	0	38	25	0	25	22	0	22	14	0	14	13	0	13	11	0	11	40	0	40	21	0	21
PEPD	Post exposure prophylaxis after sexual exposure (PEPSE): discussed	0	1	1	1	0	1	0	1	1	0	1	1	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	1	1	2	2	5	7	2	8	10	1	6	7	26	40	66	34	86	120	15	97	112	17	90	107	39	150	189	43	186	229
PN	Partner notification initiated	0	0	0	0	0	0	0	0	0	0	0	0	105	88	193	515	426	941	587	639	1226	969	988	1957	1094	1046	2140	951	896	1847
PNC	Partner notification related attendance: Chlamydia	0	0	0	0	0	0	0	0	0	1	2	3	249	426	675	847	1379	2226	1081	1559	2640	1209	1736	2945	1145	1769	2914	1427	2104	3531
PNG	Partner notification related attendance: Gonorrhoea	0	0	0	0	0	0	0	0	0	1	1	2	43	64	107	109	188	297	105	234	339	115	285	400	115	302	417	90	271	361
PNH	Partner notification related attendance: HIV	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	3	14	17	2	24	26	11	31	42	5	35	40	11	43	54

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

Table 13 continued...

KC60/SHHAPT Code and description		2007			2008			2009			2010			2011			2012			2013			2014			2015			2016		
		Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total	Females	Males	Total
PNN	Partner notification related attendance: Non-specific genital infection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	6	0	6	27	6	33
PNP	Partner notification related attendance: PID/ epididymitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	5	24	29
PNS	Partner notification related attendance: Syphilis	0	0	0	0	0	0	0	0	0	0	0	0	3	4	7	6	16	22	6	26	32	11	42	53	5	59	64	12	65	77
PR1	Pregnant - 1st trimester (1-12 weeks)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	74	0	74
S1	Sexual health screen (no HIV antibody test)	4281	3825	8106	4520	3992	8512	4235	3225	7460	4800	3512	8312	2678	1897	4575	4	6	10	1	1	2	0	0	0	0	0	0	0	0	0
S2	HIV antibody test and sexual health screen	8130	9260	17390	9721	10571	20292	7237	7389	14626	7171	7257	14428	3814	3871	7685	12	13	25	15	5	20	1	3	4	0	0	0	2	0	2
SRH	Sexual & reproductive health patient	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0
SW	Sex Worker	0	0	0	0	0	0	0	0	0	1	0	1	7	1	8	37	7	44	34	6	40	43	2	45	69	7	76	76	5	81
T1	Chlamydia test	0	0	0	0	0	0	0	1	1	0	0	0	399	373	772	135	40	175	73	10	83	62	17	79	58	18	76	17	10	27
T2	Chlamydia and gonorrhoea tests	1	0	1	1	0	1	1	0	1	3	0	3	2804	1512	4316	10499	5756	16255	13626	6857	20483	14950	7202	22152	16062	6799	22861	21346	8649	29995
T3	Chlamydia, gonorrhoea and syphilis tests	0	0	0	0	0	0	680	765	1445	675	364	1039	423	329	752	118	166	284	100	221	321	95	200	295	84	248	332	116	289	405
T4	Full sexual health screen including HIV antibody test	0	0	0	2	3	5	2461	2701	5162	2302	1412	3714	5939	5563	11502	13459	12854	26313	14229	13641	27870	15905	14677	30582	16739	15247	31986	17850	16147	33997
T5	HSV Test	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	21	30	15	45	185	151	336
T6	Hepatitis A/B/C Test	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	225	314	483	1128	1611	673	1402	2075	927	1820	2747
T7	Syphilis and HIV Testing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6	13	11	24	77	89	166	262	291	553
T9	STI tests not required	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	9	15	24
W1	HPV vaccination: first dose	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	2	3	5	2	1	3	3	4	7	13	176	189
W2	HPV vaccination: second dose	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	2	3	3	66	69
W3	HPV vaccination: third dose	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	3	4	2	6	8
Z	Prisoner	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	3	1	72	73	1	118	119	0	155	155	0	135	135

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

Report prepared by:

Public Health Wales
Communicable Disease Surveillance Centre:

Laia Fina
Amy Phillips
Drew Turner
Laura Evans
Daniel Thomas
Meirion Evans

Editorial Team:

Ushan Andraday	Consultant Physician, Betsi Cadwaladr University Health Board
Sarah Andrews	Principal Public Health Practitioner, Public Health Wales
Zoe Couzens	Principal Public Health Practitioner, Public Health Wales
Noel Craine	Research Scientist, Public Health Wales
Sarah Fuhrmann	National Director, Terrence Higgins Trust Cymru
Rachel Jones	Consultant Virologist, Public Health Wales Microbiology Cardiff
Carys Knapper	Consultant in Genitourinary Medicine, Newport
Louise Massey	Consultant in Sexual and Reproductive Health, Aneurin Bevan UHB
Giri Shankar	Professional Lead Consultant for Health Protection, Public Health Wales
Christopher Williams	Consultant Epidemiologist, Public Health Wales
Olwen Williams	Consultant in Genitourinary Medicine, Ysbyty Glan Clwyd