

Supplementary table 2: Detailed demographics and HBV infection status by sexual orientation

Characteristic	Demographics			Infection									
				MSM					Heterosexual				
	Overall No. (%; 95% CI)	MSM No. (%; 95% CI)	Heterosexual No. (%; 95% CI)	Past infection no. (%; 95% CI)	Current infection no. (%; 95% CI)	Immunised no. (%; 95% CI)	Susceptible no. (%; 95% CI)	Total	Past infection no. (%; 95% CI)	Current infection no. (%; 95% CI)	Immunised no. (%; 95% CI)	Susceptible no. (%; 95% CI)	Total
Total	2172	1497	657	56; (3.7%, 2.9-4.8)	3; (0.2%, 0.1-0.6)	448; (29.9%, 27.7-32.3)	990; (66.1%, 63.7-68.5)	1497	30; (4.6%, 3.2-6.4)	7; (1.1%, 0.5-2.2)	114; (17.4%, 14.6-20.4)	506; (77.0%, 73.6-80.1)	657
Age													
16-25	961; (44.2%, 42.2-46.3)	636; (42.5%, 40.0-45.0)	315; (47.9%, 44.1-51.8)	6; (0.9%, 0.4-2.0)	1; (0.2%, 0.0-0.9)	168; (26.4%, 23.1-30.0)	461; (72.5%, 68.9-75.8)	636	5; (1.6%, 0.7-3.7)	2; (0.6%, 0.2-2.3)	43; (13.7%, 10.3-17.9)	265; (84.1%, 79.7-87.7)	315
26-35	773; (35.6%, 33.6-37.6)	561; (37.5%, 35.1-40.0)	206; (31.4%, 27.9-35.0)	19; (3.4%, 2.2-5.2)	2; (0.4%, 0.1-1.3)	186; (33.2%, 29.4-37.2)	354; (63.1%, 59.0-67.0)	561	11; (5.3%, 3.0-9.3)	1; (0.5%, 0.1-2.7)	50; (24.3%, 18.9-30.6)	144; (69.9%, 63.3-75.8)	206
36-45	292; (13.4%, 12.1-14.9)	198; (13.2%, 11.6-15.0)	92; (14.0%, 11.6-16.9)	16; (8.1%, 5.0-12.7)	0; (0.0%, 0.0-1.9)	65; (32.8%, 26.7-39.6)	117; (59.1%, 52.1-65.7)	198	12; (13.0%, 7.6-21.4)	4; (4.3%, 1.7-10.7)	12; (13.0%, 7.6-21.4)	64; (69.6%, 59.5-78.0)	92
46-55	104; (4.8%, 4.0-5.8)	66; (4.4%, 3.5-5.6)	38; (5.8%, 4.2-7.8)	6; (9.1%, 4.2-18.4)	0; (0.0%, 0.0-5.5)	20; (30.3%, 20.6-42.2)	40; (60.6%, 48.5-71.5)	66	2; (5.3%, 1.5-17.3)	0; (0.0%, 0.0-9.2)	8; (21.1%, 11.1-36.3)	28; (73.7%, 58.0-85.0)	38
56-65	33; (1.5%, 1.1-2.1)	30; (2.0%, 1.4-2.8)	3; (0.5%, 0.2-1.3)	9; (30.0%, 16.7-47.9)	0; (0.0%, 0.0-11.4)	6; (20.0%, 9.5-37.3)	15; (50.0%, 33.2-66.8)	30	0; (0.0%, 0.0-56.1)	0; (0.0%, 0.0-56.1)	1; (33.3%, 6.1-79.2)	2; (66.7%, 20.8-93.9)	3
66-75	9; (0.4%, 0.2-0.8)	6; (0.4%, 0.2-0.9)	3; (0.5%, 0.2-1.3)	0; (0.0%, 0.0-39.0)	0; (0.0%, 0.0-39.0)	3; (50.0%, 18.8-81.2)	3; (50.0%, 18.8-81.2)	6	0; (0.0%, 0.0-56.1)	0; (0.0%, 0.0-56.1)	0; (0.0%, 0.0-56.1)	3; (100.0%, 43.9-100.0)	3
Ethnicity													
White British/Irish	1478; (68.0%, 66.1-70.0)	1149; (76.8%, 74.5-78.8)	315; (47.9%, 44.1-51.8)	37; (3.2%, 2.3-4.4)	1; (0.1%, 0.0-0.5)	326; (28.4%, 25.8-31.0)	785; (68.3%, 65.6-70.9)	1149	5; (1.6%, 0.7-3.7)	1; (0.3%, 0.1-1.8)	44; (14.0%, 10.6-18.2)	265; (84.1%, 79.7-87.7)	315

Black African	153; (7.0%, 6.0-8.2)	12; (0.8%, 0.5-1.4)	140; (21.3%, 18.3-24.6)	3; (25.0%, 8.9-53.2)	0; (0.0%, 0.0-24.2)	4; (33.3%, 13.8-60.9)	5; (41.7%, 19.3-68.0)	12	19; (13.6%, 8.9-20.2)	5; (3.6%, 1.5-8.1)	20; (14.3%, 9.4-21.0)	96; (68.6%, 60.5-75.7)	140
Black other	48; (2.2%, 1.7-2.9)	24; (1.6%, 1.1-2.4)	23; (3.5%, 2.3-5.2)	1; (4.2%, 0.7-20.2)	0; (0.0%, 0.0-13.8)	6; (25.0%, 12.0-44.9)	17; (70.8%, 50.8-85.1)	24	1; (4.3%, 0.8-21.0)	0; (0.0%, 0.0-14.3)	7; (30.4%, 15.6-50.9)	15; (65.2%, 44.9-81.2)	23
Other	124; (5.7%, 4.8-6.8)	64; (4.3%, 3.4-5.4)	58; (8.8%, 6.9-11.2)	2; (3.1%, 0.9-10.7)	0; (0.0%, 0.0-5.7)	29; (45.3%, 33.7-57.4)	33; (51.6%, 39.6-63.4)	64	2; (3.4%, 1.0-11.7)	0; (0.0%, 0.0-6.2)	9; (15.5%, 8.4-26.9)	47; (81.0%, 69.1-89.1)	58
Other White Background	260; (12.0%, 10.7-13.4)	187; (12.5%, 10.9-14.3)	73; (11.1%, 8.9-13.7)	10; (5.3%, 2.9-9.6)	1; (0.5%, 0.1-3.0)	63; (33.7%, 27.3-40.7)	113; (60.4%, 53.3-67.2)	187	2; (2.7%, 0.8-9.5)	1; (1.4%, 0.2-7.4)	26; (35.6%, 25.6-47.1)	44; (60.3%, 48.8-70.7)	73
South Asian	58; (2.7%, 2.1-3.4)	23; (1.5%, 1.0-2.3)	35; (5.3%, 3.9-7.3)	0; (0.0%, 0.0-14.3)	0; (0.0%, 0.0-14.3)	9; (39.1%, 22.2-59.2)	14; (60.9%, 40.8-77.8)	23	0; (0.0%, 0.0-9.9)	0; (0.0%, 0.0-9.9)	5; (14.3%, 6.3-29.4)	30; (85.7%, 70.6-93.7)	35
Other Asian background	51; (2.3%, 1.8-3.1)	38; (2.5%, 1.9-3.5)	13; (2.0%, 1.2-3.4)	3; (7.9%, 2.7-20.8)	1; (2.6%, 0.5-13.5)	11; (28.9%, 17.0-44.8)	23; (60.5%, 44.7-74.4)	38	1; (7.7%, 1.4-33.3)	0; (0.0%, 0.0-22.8)	3; (23.1%, 8.2-50.3)	9; (69.2%, 42.4-87.3)	13
New partners in last 12 months													
No new partners	79; (3.6%, 2.9-4.5)	35; (2.3%, 1.7-3.2)	41; (6.2%, 4.6-8.4)	1; (2.9%, 0.5-14.5)	0; (0.0%, 0.0-9.9)	9; (25.7%, 14.2-42.1)	25; (71.4%, 54.9-83.7)	35	1; (2.4%, 0.4-12.6)	0; (0.0%, 0.0-8.6)	13; (31.7%, 19.6-47.0)	27; (65.9%, 50.5-78.4)	41
Just 1 partner	481; (22.1%, 20.4-23.9)	269; (18.0%, 16.1-20.0)	208; (31.7%, 28.2-35.3)	7; (2.6%, 1.3-5.3)	1; (0.4%, 0.1-2.1)	65; (24.2%, 19.4-29.6)	196; (72.9%, 67.3-77.8)	269	14; (6.7%, 4.1-11.0)	3; (1.4%, 0.5-4.2)	30; (14.4%, 10.3-19.8)	161; (77.4%, 71.3-82.6)	208
2-5 partners	1122; (51.7%, 49.6-53.8)	769; (51.4%, 48.8-53.9)	346; (52.7%, 48.8-56.5)	25; (3.3%, 2.2-4.8)	1; (0.1%, 0.0-0.7)	209; (27.2%, 24.2-30.4)	534; (69.4%, 66.1-72.6)	769	13; (3.8%, 2.2-6.3)	3; (0.9%, 0.3-2.5)	60; (17.3%, 13.7-21.7)	270; (78.0%, 73.4-82.1)	346
6-12 partners	319; (14.7%, 13.3-16.2)	273; (18.2%, 16.4-20.3)	43; (6.5%, 4.9-8.7)	12; (4.4%, 2.5-7.5)	1; (0.4%, 0.1-2.0)	95; (34.8%, 29.4-40.6)	165; (60.4%, 54.5-66.1)	273	1; (2.3%, 0.4-12.1)	1; (2.3%, 0.4-12.1)	6; (14.0%, 6.6-27.3)	35; (81.4%, 67.4-90.3)	43
More than 12 partners	171; (7.9%, 6.8-9.1)	151; (10.1%, 8.7-11.7)	19; (2.9%, 1.9-4.5)	11; (7.3%, 4.1-12.6)	0; (0.0%, 0.0-2.5)	70; (46.4%, 38.6-54.3)	70; (46.4%, 38.6-54.3)	151	1; (5.3%, 0.9-24.6)	0; (0.0%, 0.0-16.8)	5; (26.3%, 11.8-48.8)	13; (68.4%, 46.0-84.6)	19
Unprotected sex in last 12 months													

No	317; (14.6%, 13.2-16.1)	248; (16.6%, 14.8-18.5)	65; (9.9%, 7.8-12.4)	7; (2.8%, 1.4-5.7)	0; (0.0%, 0.0-1.5)	73; (29.4%, 24.1-35.4)	168; (67.7%, 61.7-73.3)	248	3; (4.6%, 1.6-12.7)	0; (0.0%, 0.0-5.6)	13; (20.0%, 12.1-31.3)	49; (75.4%, 63.7-84.2)	65
Yes, with 1 partner	908; (41.8%, 39.7-43.9)	621; (41.5%, 39.0-44.0)	281; (42.8%, 39.0-46.6)	22; (3.5%, 2.4-5.3)	1; (0.2%, 0.0-0.9)	184; (29.6%, 26.2-33.3)	414; (66.7%, 62.9-70.3)	621	17; (6.0%, 3.8-9.5)	4; (1.4%, 0.6-3.6)	48; (17.1%, 13.1-21.9)	212; (75.4%, 70.1-80.1)	281
Yes, with 2-5 partners	823; (37.9%, 35.9-40.0)	543; (36.3%, 33.9-38.7)	276; (42.0%, 38.3-45.8)	21; (3.9%, 2.5-5.8)	1; (0.2%, 0.0-1.0)	161; (29.7%, 26.0-33.6)	360; (66.3%, 62.2-70.1)	543	8; (2.9%, 1.5-5.6)	3; (1.1%, 0.4-3.1)	48; (17.4%, 13.4-22.3)	217; (78.6%, 73.4-83.0)	276
Yes, with 6-12 partners	79; (3.6%, 2.9-4.5)	49; (3.3%, 2.5-4.3)	27; (4.1%, 2.8-5.9)	3; (6.1%, 2.1-16.5)	1; (2.0%, 0.4-10.7)	15; (30.6%, 19.5-44.5)	30; (61.2%, 47.2-73.6)	49	1; (3.7%, 0.7-18.3)	0; (0.0%, 0.0-12.5)	2; (7.4%, 2.1-23.4)	24; (88.9%, 71.9-96.1)	27
Yes, with more than 12 partners	45; (2.1%, 1.6-2.8)	36; (2.4%, 1.7-3.3)	8; (1.2%, 0.6-2.4)	3; (8.3%, 2.9-21.8)	0; (0.0%, 0.0-9.6)	15; (41.7%, 27.1-57.8)	18; (50.0%, 34.5-65.5)	36	1; (12.5%, 2.2-47.1)	0; (0.0%, 0.0-32.4)	3; (37.5%, 13.7-69.4)	4; (50.0%, 21.5-78.5)	8
Last HIV test													
Never tested	577; (26.6%, 24.8-28.5)	274; (18.3%, 16.4-20.3)	291; (44.3%, 40.5-48.1)	2; (0.7%, 0.2-2.6)	2; (0.7%, 0.2-2.6)	35; (12.8%, 9.3-17.2)	235; (85.8%, 81.1-89.4)	274	7; (2.4%, 1.2-4.9)	3; (1.0%, 0.4-3.0)	42; (14.4%, 10.9-18.9)	239; (82.1%, 77.3-86.1)	291
Within the last year	1004; (46.2%, 44.1-48.3)	832; (55.6%, 53.0-58.1)	170; (25.9%, 22.7-29.4)	33; (4.0%, 2.8-5.5)	1; (0.1%, 0.0-0.7)	301; (36.2%, 33.0-39.5)	497; (59.7%, 56.4-63.0)	832	10; (5.9%, 3.2-10.5)	2; (1.2%, 0.3-4.2)	32; (18.8%, 13.7-25.4)	126; (74.1%, 67.1-80.1)	170
Over 1 year ago	591; (27.2%, 25.4-29.1)	391; (26.1%, 24.0-28.4)	196; (29.8%, 26.5-33.4)	21; (5.4%, 3.5-8.1)	0; (0.0%, 0.0-1.0)	112; (28.6%, 24.4-33.3)	258; (66.0%, 61.2-70.5)	391	13; (6.6%, 3.9-11.0)	2; (1.0%, 0.3-3.6)	40; (20.4%, 15.4-26.6)	141; (71.9%, 65.3-77.8)	196
Sex under the influence of alcohol or drugs													
Never	812; (37.4%, 35.4-39.4)	579; (38.7%, 36.2-41.2)	230; (35.0%, 31.5-38.7)	25; (4.3%, 2.9-6.3)	1; (0.2%, 0.0-1.0)	161; (27.8%, 24.3-31.6)	392; (67.7%, 63.8-71.4)	579	18; (7.8%, 5.0-12.0)	3; (1.3%, 0.4-3.8)	44; (19.1%, 14.6-24.7)	165; (71.7%, 65.6-77.2)	230
Sometimes	1114; (51.3%, 49.2-53.4)	766; (51.2%, 48.6-53.7)	341; (51.9%, 48.1-55.7)	24; (3.1%, 2.1-4.6)	1; (0.1%, 0.0-0.7)	241; (31.5%, 28.3-34.8)	500; (65.3%, 61.8-68.6)	766	9; (2.6%, 1.4-4.9)	3; (0.9%, 0.3-2.6)	57; (16.7%, 13.1-21.0)	272; (79.8%, 75.2-83.7)	341
Usually	213; (9.8%, 8.6-11.1)	134; (9.0%, 7.6-10.5)	74; (11.3%, 9.1-13.9)	6; (4.5%, 2.1-9.4)	1; (0.7%, 0.1-4.1)	41; (30.6%, 23.4-38.8)	86; (64.2%, 55.8-71.8)	134	3; (4.1%, 1.4-11.3)	1; (1.4%, 0.2-7.3)	11; (14.9%, 8.5-24.7)	59; (79.7%, 69.2-87.3)	74

Always	33; (1.5%, 1.1-2.1)	18; (1.2%, 0.8-1.9)	12; (1.8%, 1.0-3.2)	1; (5.6%, 1.0-25.8)	0; (0.0%, 0.0-17.6)	5; (27.8%, 12.5-50.9)	12; (66.7%, 43.7-83.7)	18	0; (0.0%, 0.0-24.2)	0; (0.0%, 0.0-24.2)	2; (16.7%, 4.7-44.8)	10; (83.3%, 55.2-95.3)	12
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