

Web table 1: Socio-demographic characteristics of and use of services by males attending GUM clinics in England in 2011 by sex worker status

Socio-demographic characteristics		Male sex workers (N=488)		Other male attendees (N=627,292)		p-value
		n	%	n	%	
Age*	<19	16	3.3	55,168	8.8	
	20-24	105	21.5	157,211	25.1	
	25-29	130	26.6	133,322	21.3	
	30-34	90	18.4	89,110	14.2	
	35-44	94	19.3	107,164	17.1	
	45+	52	10.7	82,216	13.6	<0.001
	Median	29 years		28 years		0.05
Ethnicity [†]	White	307	62.9	455,740	72.7	
	Mixed	30	6.1	19,184	3.1	
	Asian or Asian British	12	2.5	30,752	4.9	
	Black or Black British	45	9.2	61,239	9.8	
	Other	40	8.2	14,781	2.4	<0.001
Sexual orientation [‡]	Heterosexual	197	40.4	475,206	75.8	
	MSM	278	57.0	92,746	14.8	<0.001
Migrant status [§]	U.K. born	237	48.6	470,140	74.9	
	Non-U.K. born	181	37.1	116,056	18.5	<0.001
Services used						
	Sexual health screen	417	85.5	423,853	67.6	<0.001
	HIV test [¶]	383	86.1	440,708	73.1	<0.001
	Vaccination (hepatitis B) [§]	65	13.8	23,739	3.8	<0.001
	PEPSE	22	4.5	2,750	0.4	<0.001

*Age was unknown for 1 male sex worker and 101 other male attendees. [†]Ethnicity was unknown for 54 male sex workers and 45,596 other male attendees. [‡]Sexual orientation was unknown for 13 male sex workers and 59,340 other male attendees. [§]Migrant status was unknown for 70 male sex workers and 41,096 other male attendees. [¶]Of those appropriate to test for HIV i.e. not recorded as known HIV positive or attending for HIV related care at first visit in 2011 (n=445 for male sex workers and n=602,840 for other male attendees) [§]Of those appropriate to receive hepatitis vaccination i.e. not diagnosed with hepatitis B or recorded as known hepatitis B immune in 2011 (n=470 for male sex workers and n=620,738 for other male attendees). PEPSE= Post-exposure prophylaxis for HIV following sexual exposure. MSM = Men who have sex with men

Web table 2: Socio-demographic characteristics of and use of services by male sex workers attending GUM clinics in England in 2011 by migrant status

Socio-demographic characteristics		UK born MSW (N=237)		Migrant MSW (N=181)		p-value
		n	%	n	%	
Age*	<19	10	4.2	3	1.7	0.04
	20-24	51	21.5	38	21.0	
	25-29	59	24.9	55	30.4	
	30-34	41	17.3	39	21.5	
	35-44	42	17.7	35	19.3	
	45+	34	14.3	10	5.5	
	Median	29 years		29 years		
Ethnicity [†]	White	174	73.4	102	56.4	<0.001
	Mixed	15	6.3	15	8.3	
	Asian or Asian British	3	1.3	8	4.4	
	Black or Black British	29	12.2	12	6.6	
	Other	3	1.3	28	15.5	
Sexual orientation [‡]	Heterosexual	147	62.0	36	19.9	<0.001
	MSM	83	35.0	140	77.3	
Region of birth (for migrants)	U.K.			n/a	n/a	n/a
	Europe [¥]			45	24.9	
	Eastern Europe			22	12.2	
	Africa			13	7.2	
	Asia			23	12.7	
	Australia			3	1.7	
	North America			5	2.8	
	South America			70	38.7	
Services used						
	Sexual health screen	196	82.7	155	85.6	0.42
	HIV test [¶]	189	84.7	130	84.4	0.93
	Vaccination (hepatitis B) [§]	23	10.2	23	13.1	0.37
	PEPSE	7	3.0	11	6.1	0.12

*Age was unknown for 1 migrant male sex worker (MSW). [†]Ethnicity was unknown for 13 UK born and 16 migrant MSWs.

[‡]Sexual orientation was unknown for 7 UK born and 5 migrant MSWs. [¥]Europe excludes UK and Eastern Europe. [¶]Of those appropriate to test for HIV i.e. not recorded as known HIV positive or attending for HIV related care at first visit in 2011 (n=223 for UK born and n=154 for migrant MSWs) [§]Of those appropriate to receive hepatitis vaccination i.e. not diagnosed with hepatitis B or recorded as known hepatitis B immune in 2011 (n=226 for UK born and n=176 for migrant MSWs).

PEPSE= Post-exposure prophylaxis for HIV following sexual exposure. MSM = Men who have sex with men

Web Table 3: Number of males diagnosed with STIs of interest through GUM clinics in 2011 stratified by sex worker and migrant status and sexual orientation

	Other male attendees	All MSWs	UK born MSWs	Migrant MSWs
Chlamydia				
Heterosexual	38,802	63	46	12
MSM	7,135	49	10	33
Not specified	3,393	1	1	0
Total	49,330	113	57	45
Gonorrhoea				
Heterosexual	5,922	13	10	3
MSM	7,063	64	18	35
Not specified	1,170	1	0	1
Total	14,155	78	28	39
Syphilis				
Heterosexual	455	0	0	0
MSM	1,922	10	3	6
Not specified	155	1	1	0
Total	2,532	11	4	6
HIV				
Heterosexual	859	0	0	0
MSM	1,515	14	5	9
Not specified	231	0	0	0
Total	2,605	14	5	9