

Online supplement (web only file): Participation in sport among men aged 18-35 years

Factors	All men (95% CI)	18-24 years (95% CI)	25-29 years (95% CI)	30-35 years (95% CI)	p-value
<i>Participation in sport:</i>					
Taken part in sport/ physical activity in last 4 weeks	69.4% (63.9-74.5)	68.3% (58.7-76.6)	62.5% (52.1-71.8)	78.3% (69.7-84.9)	0.0637
Activities taken part in					
Football	52.9% (46.2-59.5)	59.2% (47.6-69.9)	55.0% (43.5-66.0)	43.3% (33.1-54.0)	0.1052
Jogging	45.4% (38.7-52.2)	43.6% (32.4-55.5)	42.0% (30.8-54.0)	50.4% (39.8-60.9)	0.5599
Gym/ Health club	36.8% (30.3-43.8)	37.4% (26.5-49.7)	43.7% (31.6-56.5)	30.2% (21.2-41.0)	0.2964
Cycling	31.9% (26.0-38.6)	35.3% (25.1-47.0)	20.8% (13.0-31.6)	37.1% (27.2-48.2)	0.0878
Swimming	29.6% (23.9-35.9)	30.8% (21.0-42.8)	34.6% (23.5-47.7)	23.9% (16.3-33.5)	0.4029
Martial Arts	7.7% (4.5-12.7)	13.2% (6.8-24.1)	2.8% (0.7-10.6)	5.0% (4.5-12.7)	0.0386
Athletics	6.6% (3.9-11.1)	9.8% (4.7-19.3)	5.3% (2.0-13.8)	3.8% (1.5-9.2)	0.2070
Badminton	6.0% (3.5-10.3)	8.6% (3.8-18.4)	5.6% (2.1-13.8)	3.3% (1.2-8.8)	0.3110
Cricket	5.9% (3.1-11.2)	11.2% (5.5-21.6)	5.2% (1.1-21.1)	0%	0.0572
Boxing	5.5% (3.2-9.3)	5.4% (2.0-13.8)	7.8% (3.5-16.7)	3.7% (12.7-10.1)	0.5539
Tennis	5.3% (2.7-10.1)	4.7% (1.5-13.3)	6.9% (2.0-21.1)	4.7% (1.6-13.5)	0.8488
Basketball	3.2% (1.5-6.5)	6.2% (2.6-13.8)	0%	2.1% (0.5-8.1)	0.0701
Rowing	2.5% (1.0-5.9)	3.0% (0.6-12.9)	2.6% (0.8-8.4)	1.7% (0.4-7.2)	0.8304
Rugby union	1.7% (0.7-4.1)	0.9% (0.1-6.5)	1.9% (0.4-7.9)	2.5% (0.6-9.4)	0.6912
Rugby league	1.8% (0.7-4.6)	3.5% (1.1-10.3)	1.3% (0.2-8.5)	0%	0.1916
Hockey (field)	1.6% (0.4-5.7)	3.5% (0.8-13.6)	0.6% (0.0-4.5)	0%	0.1793
Other	12.6% (8.7-17.7)	13.5% (7.3-23.5)	12.4% (6.3-22.9)	11.6% (6.6-19.7)	0.9327
Frequency of that activity in the last 4 weeks					
Football					
Every day	4.5% (1.8-10.6)	8.1% (2.9-20.5)	0%	3.1% (0.4-19.6)	0.3408
Not every day but >once a week	31.1% (22.8-40.7)	32.4% (20.3-47.5)	40.1% (24.4-58.2)	19.3% (9.3-35.8)	
Once a week	38.9% (29.9-48.6)	34.9% (21.7-50.8)	41.0% (26.0-57.8)	43.4% (28.2-59.9)	
Less than once a week but >once a month	14.3% (8.8-22.4)	16.4% (7.6-31.8)	6.2% (1.9-18.4)	19.3% (9.3-35.7)	

Once a month	11.3% (6.5-18.9)	8.3% (3.3-19.7)	12.7% (5.0-28.6)	14.9% (6.5-30.7)	
Jogging					0.0285
Every day	8.5% (4.1-16.9)	13.7% (4.9-33.0)	5.6% (1.4-20.5)	5.1% (1.5-15.7)	
Not every day but >once a week	46.8% (37.2-56.7)	34.5% (20.4-52.0)	47.6% (31.1-64.7)	59.6% (44.5-73.1)	
Once a week	18.7% (11.9-28.2)	14.5% (5.7-32.4)	30.8% (16.3-50.4)	14.9% (6.9-29.3)	
Less than once a week but >once a month	17.6% (10.7-27.4)	32.0% (17.4-51.1)	3.9% (0.5-23.7)	11.6% (5.2-23.6)	
Once a month	8.3% (4.5-14.9)	5.4% (1.3-19.8)	12.1% (4.6-28.4)	8.9% (4.5-14.9)	
Gym/ health club					0.2757
Every day	13.5% (7.7-22.8)	18.6% (7.9-37.7)	15.2% (6.7-31.0)	3.8% (0.5-23.6)	
Not every day but >once a week	60.7% (49.3-71.1)	47.3% (28.0-67.6)	74.4% (56.5-86.7)	64.9% (44.5-81.0)	
Once a week	10.4% (5.3-19.3)	10.3% (3.4-26.9)	5.5% (1.2-21.6)	16.4% (5.7-38.7)	
Less than once a week but >once a month	10.5% (5.1-20.4)	15.8% (5.5-37.5)	3.3% (0.5-19.1)	11.0% (3.8-27.7)	
Once a month	4.9% (1.7-13.3)	8.1% (1.9-28.1)	1.6% (0.2-11.1)	3.9% (0.5-24.0)	
Cycling					0.8358
Every day	20.4% (12.2-32.1)	21.7% (9.3-42.9)	12.6% (3.1-39.6)	22.5% (10.6-41.6)	
Not every day but >once a week	29.9% (20.2-41.9)	30.3% (15.1-51.6)	25.3% (10.2-50.3)	31.5% (17.7-49.7)	
Once a week	13.9% (7.8-23.5)	6.5% (1.5-24.5)	23.0% (8.3-49.6)	18.4% (8.6-35.2)	
Less than once a week but >once a month	23.1% (13.8-35.9)	27.1% (11.6-51.5)	28.2% (11.2-55.0)	15.9% (7.3-31.0)	
Once a month	12.7% (6.2-24.5)	14.4% (4.5-37.3)	10.9% (2.3-38.4)	11.7% (3.8-30.6)	
Swimming					0.2397
Every day	2.4% (0.6-9.6)	3.0% (0.4-19.6)	3.7% (0.5-23.1)	0%	
Not every day but >once a week	13.4% (7.3-23.4)	7.0% (1.7-25.1)	12.8% (4.8-30.0)	24.5% (10.1-48.5)	
Once a week	23.5% (13.9-36.8)	19.7% (7.5-42.5)	22.8% (9.6-45.3)	30.4% (14.2-53.7)	
Less than once a week but >once a month	36.2% (24.9-49.3)	30.6% (14.8-52.9)	47.3% (28.1-67.4)	31.7% (14.7-55.5)	
Once a month	24.5% (15.1-37.2)	39.8% (21.3-61.7)	13.4% (5.7-28.3)	13.4% (4.2-35.4)	
Acceptable to pick up urine test at place of activity	48.3% (42.4-54.1)	48.3% (38.6-58.2)	40.2% (31.1-50.1)	56.4% (46.8-65.6)	0.0884
Acceptable to pick up mouth swab from that place	46.9% (41.3-52.6)	47.3% (38.0-56.7)	43.1% (33.8-53.0)	50.3% (40.8-59.9)	0.6079

Online supplement (web only file): Healthcare use, sexual behaviour and participation in sport among those who did and did not play football
over the last 4 weeks.

Factors	All men (95% CI)	Footballers (95% CI)	Non-Footballers (95% CI)	<i>p</i> -value
<i>Demographic factors:</i>				
Age				
Median (lower, upper quartiles)				
18-24 years	38.9% (246)			
25-29 years	28.2% (178)			
30-35 years	32.9% (208)			
<i>Health service use:</i>				
Registered with a general practice (GP) surgery	93.5% (90.2-95.7)	91.7% (84.0-95.9)	94.5% (91.1-96.7)	0.3468
Been to GP in the last 12 months	75.5% (70.5-80.0)	71.8% (62.4-79.6)	77.7% (71.8-82.7)	0.2413
Ever been tested for a STI	28.8% (24.0-34.2)	30.9% (23.4-39.6)	27.6% (21.9-34.2)	0.5009
Time since last STI test				0.5700
Less than 1 month ago	4.4% (1.6-11.8)	4.6% (1.1-17.2)	4.3% (1.0-16.7)	
>1 month but <6 months	10.0% (5.4-17.9)	15.3% (6.7-31.2)	6.6% (2.6-15.9)	
>6 months but <1 year	25.2% (17.1-35.6)	24.5% (12.5-42.6)	25.7% (15.2-40.0)	
>1 year but <5 years	37.0% (28.7-46.1)	38.9% (25.3-54.6)	35.7% (25.0-48.0)	
>5 years ago	23.4% (16.3-32.3)	16.6% (8.4-30.2)	27.8% (17.9-40.3)	
Where were you last tested for STIs				0.4537
GUM clinic	53.4% (43.5-63.1)	49.8% (34.4-65.2)	55.8% (42.4-68.4)	
GP surgery	17.0% (9.1-29.5)	17.3% (8.6-32.0)	17.0% (9.1-29.5)	
NHS walk-in centre	8.3% (3.3-19.0)	8.5% (2.1-28.9)	8.1% (2.4-24.0)	
Family planning clinic	6.6% (2.9-14.5)	10.5% (4.1-24.7)	4.1% (0.8-17.9)	
University/ college health centre	4.4% (1.5-12.2)	0.0%	7.4% (2.5-19.5)	
Private medical clinic	1.7% (0.5-5.5)	1.6% (0.2-10.6)	1.9% (0.4-7.6)	
Pharmacy	0.9% (0.1-6.6)	2.4% (0.3-15.4)	0.0%	

	Internet test	1.1% (0.2-7.9)	2.9% (0.4-18.3)	0.0%	
	A&E department	1.3% (0.3-5.4)	3.3% (0.8-13.2)	0.0%	
	Somewhere else	5.0% (2.0-12.0)	3.8% (0.5-23.1)	5.8% (2.2-14.6)	
Factors		All men (95% CI)	Footballers (95% CI)	Non-Footballers (95% CI)	p-value
Ever had a blood test for HIV		19.8% (15.8-24.6)	22.7% (15.6-31.9)	18.1% (13.5-23.9)	0.3430
Time since last HIV test					0.1543
	Less than 1 month ago	10.4% (4.3-23.2)	18.7% (6.5-43.3)	4.4% (1.1-16.5)	
	>1 month but <6 months	11.1% (5.0-22.8)	17.9% (6.6-40.4)	6.1% (1.7-19.5)	
	>6 months but <1 year	14.7% (7.1-27.9)	10.9% (2.5-36.5)	17.4% (7.5-35.6)	
	>1 year but <5 years	37.7% (26.3-50.7)	24.8% (11.4-45.8)	47.2% (31.7-63.3)	
	>5 years ago	26.1% (17.0-37.9)	27.8% (13.9-48.0)	24.9% (13.7-40.7)	
Where were you last tested for HIV					0.6670
	GUM clinic	50.8% (38.2-63.4)	53.6% (32.7-73.4)	48.8% (33.1-64.7)	
	GP surgery	16.0% (8.1-29.3)	19.6% (6.9-43.7)	13.8% (5.5-29.9)	
	Family planning clinic	6.7% (2.8-15.2)	8.2% (2.0-28.6)	5.2% (1.5-15.9)	
	Private medical clinic	5.7% (1.8-16.6)	6.6% (0.9-35.4)	5.1% (1.5-15.9)	
	NHS walk-in centre	4.4% (1.0-17.6)	7.1% (1.0-37.3)	2.5% (0.3-16.0)	
	University/ college health centre	4.1% (1.2-12.8)	0.0%	7.1% (2.2-21.1)	
	A&E department	1.2% (0.2-8.2)	0.0%	2.0% (0.3-13.6)	
	Somewhere else	11.0% (5.4-21.0)	5.2% (0.7-30.0)	15.3% (7.4-28.8)	
Behavioural factors:					
Number of partners in the last year					0.0814
	0	13.8% (10.1-18.7)	10.1% (5.3-18.4)	16.0% (11.1-22.5)	
	1	61.4% (55.8-66.6)	59.1% (49.7-67.8)	62.7% (55.5-69.3)	
	2	8.9% (6.2-12.5)	8.5% (4.5-15.4)	9.1% (5.9-13.8)	
	3-4	8.0% (5.3-11.9)	13.5% (7.9-22.4)	4.8% (2.6-8.8)	
	5+	8.0% (5.3-11.9)	8.8% (4.6-16.1)	7.5% (4.4-12.4)	
Number of partners in the last 3 months					0.9899
	0	26.6% (21.4-32.6)	25.7% (17.4-36.2)	27.1% (20.9-34.5)	
	1	65.4% (59.3-70.9)	66.2% (55.7-75.3)	64.9% (57.7-71.4)	

	2	2.9% (1.6-5.3)	2.8% (1.0-8.0)	3.0% (1.4-6.1)	
	3-4	3.4% (1.8-6.3)	3.1% (1.1-8.3)	3.5% (1.6-7.7)	
	5+	1.8% (0.7-4.5)	2.2% (0.5-8.4)	1.5% (0.4-5.4)	
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Factors		All men (95% CI)	Footballers (95% CI)	Non-Footballers (95% CI)	p-value
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Gender of last sexual partner					
	Male	3.5% (2.0-6.1)	1.3% (0.3-6.3)	4.8% (2.7-8.6)	0.350
	Female	90.5% (86.1-93.6)	92.7% (84.3-96.8)	89.4% (83.4-93.1)	
	Never had sex	6.0% (3.5-10.1)	6.0% (2.4-14.5)	6.0% (3.1-11.3)	
Condom use in last 3 months					
	Every time	26.9% (21.3-33.4)	27.7% (18.9-38.7)	26.4% (19.6-34.5)	0.8757
	Sometimes	24.7% (19.4-31.0)	26.1% (17.6-36.8)	23.9% (17.7-31.6)	
	Not at all	48.4% (41.8-55.0)	46.2% (35.1-57.6)	49.7% (41.8-57.6)	
<i>Willingness to use novel methods for testing:</i>					
Willing to provide urine sample for STI testing		85.1% (80.5-88.8)	88.6% (80.8-93.4)	83.1% (76.9-87.9)	0.2244
Willing to provide mouth swab for HIV testing		86.9% (82.4-90.4)	90.2% (82.2-94.8)	85.1% (79.1-89.5)	0.2320
Acceptable to pick up urine test at place of activity		48.3% (42.4-54.1)	47.3% (37.2-57.5)	48.8% (41.8-55.9)	.8014
Acceptable to pick up mouth swab from that place		46.9% (41.3-52.6)	43.5% (34.2-53.2)	48.9% (41.8-56.1)	0.3827
Acceptable pick up points for testing kits					
	General Practice surgery	79.7% (74.5-84.2)	78.2% (69.1-85.2)	80.6% (74.2-85.8)	0.6167
	GUM clinic	66.8% (60.8-72.3)	65.6% (55.7-74.3)	67.5% (60.0-74.2)	0.7518
	Pharmacy	65.4% (59.4-71.0)	63.5% (53.4-72.5)	66.6% (59.0-73.4)	0.6108
	Sent in the post	52.2% (46.4-58.0)	55.9% (46.2-65.1)	50.1% (42.5-57.7)	0.3699
	College/ University campus	41.6% (35.9-47.6)	54.1% (43.9-63.9)	34.4% (27.7-41.7)	0.0024
	School	28.1% (23.0-33.8)	34.4% (25.6-44.5)	24.4% (18.6-31.3)	0.0834
	Workplace	22.4% (17.8-27.8)	26.0% (18.0-36.0)	20.2% (15.1-26.6)	0.2693
	Youth club	20.8% (16.3-26.2)	31.3% (22.7-41.4)	14.7% (10.2-20.7)	0.0013
	Gym	18.5% (14.5-23.4)	23.2% (15.8-32.7)	15.9% (11.4-21.7)	0.1368
	Bar/ pub/ nightclub	17.3% (13.3-22.3)	18.8% (12.2-27.8)	16.5% (11.7-22.7)	0.6263

Recreational/ leisure/ sport centre/ swimming pool	13.4% (9.9-17.9)	16.3% (10.4-24.7)	11.7% (7.9-17.0)	0.2436
Sports club	11.7% (8.4-16.1)	11.9% (6.7-20.3)	11.5% (7.7-16.9)	0.9298
Coffee shop/ café	6.9% (4.6-10.3)	7.4% (3.8-14.0)	6.6% (3.9-10.9)	0.7778
Other	0.4% (0.0-3.0)	0.0%	0.7% (0.0-4.6)	0.4438
Factors	All men (95% CI)	Footballers (95% CI)	Non-Footballers (95% CI)	p-value
Participation in sport:				
Taken part in sport/ physical activity in last 4 weeks	69.4% (63.9-74.5)	100%	51.7% (44.7-58.7)	<0.0001
Activities taken part in				
Football	52.9% (46.2-59.5)	100%	0%	<0.0001
Jogging	45.4% (38.7-52.2)	46.8% (37.0-56.8)	43.8% (34.4-53.6)	0.6816
Gym/ Health club	36.8% (30.3-43.8)	32.0% (23.4-42.0)	42.1% (32.9-51.9)	0.1355
Cycling	31.9% (26.0-38.6)	34.6% (26.5-43.8)	28.9% (21.0-38.3)	0.3560
Swimming	29.6% (23.9-35.9)	24.1% (17.1-32.8)	35.8% (27.5-45.0)	0.0519
Martial Arts	7.7% (4.5-12.7)	4.4% (1.6-11.7)	11.3% (6.1-20.1)	0.0999
Athletics	6.6% (3.9-11.1)	7.8% (4.2-14.3)	5.3% (2.1-12.8)	0.4770
Badminton	6.0% (3.5-10.3)	7.4% (3.6-14.7)	4.5% (1.9-10.2)	0.3640
Cricket	5.9% (3.1-11.2)	6.6% (2.7-15.4)	5.2% (1.9-13.2)	0.7112
Boxing	5.5% (3.2-9.3)	6.4% (3.1-12.6)	4.5% (1.9-10.3)	0.5484
Tennis	5.3% (2.7-10.1)	8.5% (4.0-17.1)	1.7% (0.5-5.8)	0.0154
Basketball	3.2% (1.5-6.5)	4.9% (2.2-10.9)	1.2% (0.3-4.9)	0.0685
Rowing	2.5% (1.0-5.9)	2.9% (0.8-10.0)	2.0% (0.7-5.5)	0.6224
Rugby union	1.7% (0.7-4.1)	2.9% (1.1-7.6)	0.4% (0.0-2.6)	0.0311
Rugby league	1.8% (0.7-4.6)	1.5% (0.4-6.1)	2.0% (0.5-7.8)	0.7974
Hockey (field)	1.6% (0.4-5.7)	2.7% (0.6-10.5)	0.4% (0.0-2.6)	0.0615
Other	12.6% (8.8-17.7)	5.4% (2.3-12.5)	20.6% (14.1-29.0)	0.0019
Frequency of that activity in the last 4 weeks				
Football				
Every day		4.5% (1.8-10.6)		
Not every day but >once a week		31.1% (22.8-40.7)		
Once a week		38.9% (29.9-48.6)		
Less than once a week but >once a month		14.3% (8.8-22.4)		
Once a month		11.3% (6.5-18.9)		

Jogging					0.1119
	Every day	8.5% (4.1-16.9)	9.5% (3.9-21.1)	7.4% (2.1-23.5)	
	Not every day but >once a week	46.8% (37.2-56.7)	34.5% (23.6-47.2)	61.7% (46.6-74.8)	
	Once a week	18.7% (11.9-28.2)	23.9% (13.5-38.8)	12.5% (6.0-24.0)	
Factors		All men (95% CI)	Footballers (95% CI)	Non-Footballers (95% CI)	p-value
	Less than once a week but >once a month	17.6% (10.7-27.4)	22.0% (11.9-37.1)	12.2% (5.6-24.9)	
	Once a month	8.3% (4.5-14.9)	10.1% (4.6-20.7)	6.2% (2.3-15.9)	
Gym/ health club					0.9450
	Every day	13.5% (7.7-22.8)	13.2% (5.1-29.9)	13.9% (6.8-26.3)	
	Not every day but >once a week	60.7% (49.3-71.1)	56.9% (38.6-73.6)	64.0% (48.8-76.8)	
	Once a week	10.4% (5.3-19.3)	10.8% (4.0-7.4)	1.0% (4.0-23.0)	
	Less than once a week but >once a month	10.5% (5.1-20.4)	12.6% (4.3-31.6)	8.7% (3.2-21.3)	
	Once a month	4.9% (1.7-13.3)	6.5% (1.9-19.8)	3.5% (0.5-21.7)	
Cycling					0.5208
	Every day	20.4% (12.2-32.1)	25.4% (13.8-42.1)	13.6% (4.8-32.9)	
	Not every day but >once a week	29.9% (20.2-41.9)	23.4% (12.3-39.9)	38.7% (23.1-57.0)	
	Once a week	13.9% (7.8-23.5)	11.1% (4.8-23.7)	17.7% (7.6-35.8)	
	Less than once a week but >once a month	23.1% (13.8-35.9)	25.6% (12.7-44.9)	19.7% (9.1-37.4)	
	Once a month	12.7% (6.1-24.5)	14.5% (5.6-32.5)	10.4% (3.4-27.6)	
Swimming					0.4525
	Every day	2.4% (0.6-9.6)	0.0%	4.3% (1.0-16.2)	
	Not every day but >once a week	13.4% (7.3-23.4)	7.6% (2.2-23.0)	17.8% (8.8-32.8)	
	Once a week	23.5% (13.9-36.8)	23.2% (11.4-41.6)	23.7% (11.9-41.8)	
	Less than once a week but >once a month	36.2% (24.9-49.3)	38.0% (21.4-58.0)	34.8% (51.4-21.2)	
	Once a month	24.5% (15.1-37.2)	31.1% (15.7-52.2)	19.5% (9.4-35.9)	