

Vital Statistics 2008 The UK *Gay Men's Sex Survey*

England Strategic Health Authorities of residence data report (December 2009, n = 6703)

This report uses data from the UK *Gay Men's Sex Survey* (GMSS) 2008, conducted by Sigma Research in collaboration with health promoters throughout the UK. It supplements the main survey report which will be published in early 2010. Survey methods and interpretation of the variables will be outlined in that report.

This data is intended to provide HIV health promotion planners with information about their local population of gay men and bisexual men. The report contains data from men who live in England and for whom Strategic Health Authority (SHA) of residence is known. Respondents are grouped according to the SHA in which they live.

There are also whole country reports for Wales, Scotland, Northern Ireland and the Republic of Ireland, with men grouped according to their region of residence. There are also individual data reports for each Strategic Health Authority (SHA) in England, with men grouped according to their Primary Care Trust (PCT) of residence.

These 2008 reports, and similar reports for previous years, are available at:
www.sigmaresearch.org.uk/gmss/go.php/year

The data

The survey used two data collection methods over the summer of 2008: a self-sealing, Freepost addressed booklet distributed by health promotion agencies; and via a specific website promoted via links on gay and HIV-related websites.

This report contains data from all the men recruited through **both methods**. To be included in the sample respondents had to: be male; be aged 14 or over; be living in the UK; have had sex with a man in the last year or have a gay, bisexual or other "queer" identity; have completed at least one demographic question and one other question. Differences between the number of surveys returned and the number of men who appear in the sample are due to these exclusions.

The tables

Groups of men living in the same Strategic Health Authority appear as a row (horizontal line) in the tables. The bottom row of each table gives the result for all men living in England. The first table shows the number of men recruited to the survey living in the ten SHAs and the size of the sub-samples in the rest of the tables. The tables show the proportions (%) of each sub-sample for that variable (less missing data). Rows add up to 100%. The only exception to this layout is table 3, Age averages.

Questionnaires

The contents page identifies the Booklet question number (Q) each table is derived from. The questionnaire used in the survey is available to download at:
www.sigmaresearch.org.uk/files/VS2008booklet.pdf

Funding

The survey was funded by Terrence Higgins Trust as part of CHAPS, a national HIV prevention initiative funded by the English Department of Health. Online recruitment occurred in England, Wales, Scotland, Northern Ireland and the Republic of Ireland. Booklet recruitment only occurred in England and Wales.



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SAMPLE DESCRIPTION

1. Web and booklet sample sizes by Strategic Health Authority of residence.

Count

	Distribution method		Total
	Web	Booklet	
London	1404	968	2372
South West	330	204	534
South Central	222	106	328
South East Coast	308	329	637
East of England	234	217	451
East Midlands	191	251	442
West Midlands	287	184	471
Yorkshire and The Humber	216	271	487
North West	388	279	667
North East	104	98	202
SHA unknown	59	53	112
Total	3743	2960	6703

2. Age, in 5 groups (Q6)

% within Strategic Health Authority of residence

	Age, in 5 groups (Q6)					Total
	<20	20s	30s	40s	50+	
London	1.8%	28.1%	33.4%	26.0%	10.7%	100.0%
South West	9.0%	27.0%	25.3%	20.3%	18.4%	100.0%
South Central	6.4%	33.2%	22.9%	23.2%	14.3%	100.0%
South East Coast	5.8%	29.1%	26.4%	24.8%	13.8%	100.0%
East of England	6.4%	34.7%	21.3%	19.8%	17.8%	100.0%
East Midlands	9.3%	29.3%	25.0%	20.0%	16.4%	100.0%
West Midlands	5.9%	28.5%	30.6%	20.0%	15.1%	100.0%
Yorkshire and The Humber	6.6%	31.9%	22.6%	23.7%	15.2%	100.0%
North West	5.6%	26.9%	29.8%	21.8%	15.9%	100.0%
North East	16.8%	30.2%	18.3%	16.3%	18.3%	100.0%
SHA unknown	14.5%	37.3%	23.6%	14.5%	10.0%	100.0%
Total	5.5%	29.3%	28.3%	23.0%	14.0%	100.0%

3. Age averages (Q6)

Age averages (Q6)

Strategic Health Authority of residence	Median	Mean	Minimum	Maximum	Std. Deviation
London	36.0000	36.4022	14.00	81.00	10.64594
South West	36.0000	36.5253	15.00	83.00	13.73397
South Central	33.5000	35.4756	16.00	72.00	12.69952
South East Coast	35.0000	35.8648	16.00	72.00	12.06311
East of England	34.0000	35.6711	16.00	75.00	13.36529
East Midlands	34.0000	35.6545	14.00	79.00	13.21071
West Midlands	35.0000	36.0913	15.00	73.00	12.10865
Yorkshire and The Humber	35.0000	36.0206	15.00	75.00	12.94587
North West	35.0000	36.7835	15.00	78.00	12.56039
North East	31.5000	34.3564	16.00	74.00	14.45706
SHA unknown	29.0000	31.8364	14.00	80.00	12.83954
Total	35.0000	36.0685	14.00	83.00	12.16112

4. Ethnicity, in 6 groups (Q7)

% within Strategic Health Authority of residence

	Ethnicity, in 6 groups (Q7)						Total
	White British	White other	Black	Asian	Mixed	Other	
London	60.3%	24.4%	3.7%	3.9%	3.4%	4.4%	100.0%
South West	91.0%	5.6%	.2%	.7%	1.5%	.9%	100.0%
South Central	86.6%	7.3%	.6%	2.4%	2.1%	.9%	100.0%
South East Coast	80.4%	13.6%	.8%	2.1%	1.7%	1.4%	100.0%
East of England	89.1%	7.3%	1.1%	.9%	.4%	1.1%	100.0%
East Midlands	86.4%	4.8%	.7%	4.1%	2.7%	1.4%	100.0%
West Midlands	84.2%	7.2%	1.7%	3.0%	3.2%	.6%	100.0%
Yorkshire & The Humber	89.1%	6.2%	.6%	1.4%	2.1%	.6%	100.0%
North West	91.6%	4.8%	.3%	.8%	1.4%	1.2%	100.0%
North East	94.0%	4.0%		.5%	1.0%	.5%	100.0%
SHA unknown	75.9%	5.6%	3.7%	8.3%	2.8%	3.7%	100.0%
Total	77.8%	13.2%	1.8%	2.6%	2.4%	2.2%	100.0%

5. Highest education qualification (Q8)

% within Strategic Health Authority of residence

	Highest education qualification (Q8)			Total
	Low	Medium	High	
London	12.8%	20.4%	66.8%	100.0%
South West	29.6%	29.9%	40.5%	100.0%
South Central	26.1%	28.5%	45.4%	100.0%
South East Coast	24.4%	29.0%	46.5%	100.0%
East of England	27.5%	37.3%	35.3%	100.0%
East Midlands	31.7%	29.2%	39.1%	100.0%
West Midlands	27.6%	28.1%	44.3%	100.0%
Yorkshire and The Humber	30.8%	26.2%	43.0%	100.0%
North West	25.0%	28.3%	46.7%	100.0%
North East	25.7%	38.1%	36.1%	100.0%
SHA unknown	34.0%	28.2%	37.9%	100.0%
Total	22.4%	26.5%	51.1%	100.0%

6. Sexual identity(Q9)

% within Strategic Health Authority of residence

	Sexual identity (Q9)				Total
	Gay	Bisexual	I don't usually use a term	Any other term	
London	87.8%	7.0%	4.6%	.7%	100.0%
South West	83.6%	10.5%	5.6%	.2%	100.0%
South Central	83.4%	9.8%	5.8%	.9%	100.0%
South East Coast	85.4%	9.1%	4.4%	1.1%	100.0%
East of England	83.4%	10.9%	5.1%	.7%	100.0%
East Midlands	81.6%	11.8%	5.2%	1.4%	100.0%
West Midlands	82.0%	9.9%	6.9%	1.3%	100.0%
Yorkshire and The Humber	86.0%	8.7%	4.3%	1.0%	100.0%
North West	87.5%	7.2%	4.5%	.8%	100.0%
North East	85.1%	8.9%	5.4%	.5%	100.0%
SHA unknown	69.8%	22.6%	6.6%	.9%	100.0%
Total	85.4%	8.8%	5.0%	.8%	100.0%

7. Trans male status (Q1)

% within Strategic Health Authority of residence

	Trans male status (Q1)		Total
	No	Yes	
London	98.6%	1.4%	100.0%
South West	98.4%	1.6%	100.0%
South Central	98.4%	1.6%	100.0%
South East Coast	98.9%	1.1%	100.0%
East of England	98.9%	1.1%	100.0%
East Midlands	97.0%	3.0%	100.0%
West Midlands	96.7%	3.3%	100.0%
Yorkshire and The Humber	98.5%	1.5%	100.0%
North West	97.8%	2.2%	100.0%
North East	98.0%	2.0%	100.0%
SHA unknown	98.1%	1.9%	100.0%
Total	98.3%	1.7%	100.0%

8. Gender of sexual partners in the last year (Q23)

% within Strategic Health Authority of residence

	Gender of sexual partners in the last year (Q23)				Total
	No one	Women only	Men only	Both men and women	
London	4.1%	.4%	90.2%	5.3%	100.0%
South West	6.9%	.9%	84.3%	7.9%	100.0%
South Central	6.1%	1.2%	84.1%	8.5%	100.0%
South East Coast	5.0%	.6%	88.0%	6.3%	100.0%
East of England	4.7%	.9%	86.8%	7.6%	100.0%
East Midlands	8.4%	1.8%	81.3%	8.4%	100.0%
West Midlands	6.6%	.6%	85.8%	7.0%	100.0%
Yorkshire and The Humber	7.6%	.2%	86.0%	6.2%	100.0%
North West	7.5%	.1%	86.4%	6.0%	100.0%
North East	8.9%	.5%	84.2%	6.4%	100.0%
SHA unknown	12.8%	3.7%	70.6%	12.8%	100.0%
Total	5.9%	.7%	86.9%	6.5%	100.0%

9. Marriage / Civil partnership status (Q16)

% within Strategic Health Authority of residence

	Marriage / Civil partnership status (Q16)			Total
	In a civil partnership with a man	In a marriage with a woman	Neither of these	
London	9.2%	2.5%	88.3%	100.0%
South West	9.9%	6.1%	84.0%	100.0%
South Central	8.3%	6.8%	84.9%	100.0%
South East Coast	9.1%	3.3%	87.6%	100.0%
East of England	9.2%	5.4%	85.4%	100.0%
East Midlands	7.6%	4.8%	87.6%	100.0%
West Midlands	8.7%	4.5%	86.8%	100.0%
Yorkshire and The Humber	10.0%	4.2%	85.8%	100.0%
North West	8.1%	3.5%	88.4%	100.0%
North East	8.0%	5.5%	86.4%	100.0%
SHA unknown	6.9%	4.9%	88.2%	100.0%
Total	8.9%	3.9%	87.1%	100.0%

10. Sero-discordancy with male regular partner (Q11 & Q13)

% within Strategic Health Authority of residence

	Sero-discordancy with male regular partner (Q11 & Q13)				Total
	single	concordant regular	unknown regular	discordant regular	
London	47.1%	35.1%	10.3%	7.5%	100.0%
South West	49.1%	37.1%	11.0%	2.8%	100.0%
South Central	50.9%	35.6%	8.6%	4.9%	100.0%
South East Coast	47.5%	34.4%	13.4%	4.8%	100.0%
East of England	49.8%	37.9%	6.7%	5.6%	100.0%
East Midlands	51.9%	36.8%	8.8%	2.5%	100.0%
West Midlands	50.4%	30.3%	12.0%	7.3%	100.0%
Yorkshire and The Humber	50.3%	36.7%	9.6%	3.4%	100.0%
North West	52.5%	32.5%	8.9%	6.1%	100.0%
North East	49.3%	37.3%	10.9%	2.5%	100.0%
SHA unknown	66.3%	25.0%	6.7%	1.9%	100.0%
Total	49.3%	35.0%	10.1%	5.6%	100.0%

11. Sexuality disclosure (outness to family, friends & workmates) score average

Sexuality disclosure (outness) score average (Q10)

Strategic Health Authority of	Median	Mean	Minimum	Maximum	Std. Deviation
London	11.0000	9.1957	.00	12.00	3.79856
South West	10.0000	8.3417	.00	12.00	4.39487
South Central	10.0000	8.0189	.00	12.00	4.43086
South East Coast	12.0000	9.3322	.00	12.00	3.86607
East of England	10.0000	8.1822	.00	12.00	4.47470
East Midlands	11.0000	8.4604	.00	12.00	4.41250
West Midlands	11.0000	8.5758	.00	12.00	4.31602
Yorkshire and The Humber	12.0000	9.2060	.00	12.00	3.90374
North West	12.0000	9.1199	.00	12.00	3.90829
North East	11.0000	8.5250	.00	12.00	4.46532
SHA unknown	7.0000	6.4255	.00	12.00	4.66395
Total	11.0000	8.8549	.00	12.00	4.09719

12. Living arrangements (Q14)

% within Strategic Health Authority of residence

	Living arrangements (Q14)			Total
	Live alone	Live with male partner	Live with others (not male partner)	
London	34.7%	29.0%	36.3%	100.0%
South West	29.3%	29.1%	41.6%	100.0%
South Central	38.2%	22.6%	39.1%	100.0%
South East Coast	35.6%	26.5%	37.9%	100.0%
East of England	35.6%	26.9%	37.4%	100.0%
East Midlands	36.4%	26.0%	37.6%	100.0%
West Midlands	38.2%	26.9%	35.0%	100.0%
Yorkshire and The Humber	38.5%	29.2%	32.3%	100.0%
North West	37.5%	28.3%	34.2%	100.0%
North East	34.8%	24.4%	40.8%	100.0%
SHA unknown	35.2%	17.1%	47.6%	100.0%
Total	35.5%	27.6%	36.9%	100.0%

HIV INFECTION (AND TESTING INTERVENTION PERFORMANCE)

13. HIV testing history (Q17 & Q18)

% within Strategic Health Authority of residence

	HIV test history (Q17 & Q18)				Total
	Never tested	Tested negative in last year	Tested negative over a year ago	Tested positive	
London	17.3%	46.4%	20.9%	15.4%	100.0%
South West	35.0%	36.4%	22.7%	5.9%	100.0%
South Central	32.8%	36.5%	22.4%	8.3%	100.0%
South East Coast	24.8%	39.2%	22.1%	13.9%	100.0%
East of England	35.6%	39.2%	16.7%	8.6%	100.0%
East Midlands	39.5%	33.7%	22.4%	4.4%	100.0%
West Midlands	31.8%	35.6%	20.3%	12.4%	100.0%
Yorkshire and The Humber	34.3%	37.4%	20.7%	7.5%	100.0%
North West	27.2%	33.5%	21.2%	18.1%	100.0%
North East	35.4%	37.9%	21.2%	5.6%	100.0%
SHA unknown	49.0%	32.7%	13.5%	4.8%	100.0%
Total	27.2%	39.9%	20.9%	12.0%	100.0%

14. Self rating of HIV transmission probability amongst homosexually active men in the last year(Q17 & Q42)

% within Strategic Health Authority of residence

	Self rating of HIV transmission probability (Q17 & Q42) (Homosexually active men in the last year)					Total
	Very likely	Quite likely	Not sure	Quite unlikely	Very unlikely	
London	2.3%	1.3%	14.5%	25.7%	56.1%	100.0%
South West	1.2%	2.0%	14.3%	19.8%	62.7%	100.0%
South Central	.7%	2.0%	13.8%	23.5%	60.1%	100.0%
South East Coast	2.9%	1.2%	14.4%	23.6%	57.9%	100.0%
East of England	2.4%	2.4%	16.6%	19.1%	59.4%	100.0%
East Midlands	2.1%	.5%	17.8%	17.3%	62.3%	100.0%
West Midlands	1.2%	.9%	16.4%	25.2%	56.4%	100.0%
Yorkshire and The Humber	2.1%	1.6%	16.9%	18.1%	61.3%	100.0%
North West	2.0%	2.5%	16.6%	20.9%	58.0%	100.0%
North East	1.1%	1.6%	16.5%	18.7%	62.1%	100.0%
SHA unknown	4.9%	2.5%	11.1%	23.5%	58.0%	100.0%
Total	2.1%	1.6%	15.3%	22.7%	58.4%	100.0%

RISK BEHAVIOURS

15. Number of male sexual partners in the last year (Q24)

% within Strategic Health Authority of residence

	Number of male sexual partners in the last year (Q24)						Total
	None	One	2,3 or 4	5 to 12	13 to 29	30 or more	
London	4.5%	16.0%	24.4%	24.9%	14.7%	15.4%	100.0%
South West	7.9%	20.0%	30.2%	23.8%	11.1%	7.0%	100.0%
South Central	7.3%	18.0%	29.1%	22.0%	12.8%	10.7%	100.0%
South East Coast	5.7%	18.3%	28.3%	23.9%	13.1%	10.7%	100.0%
East of England	5.6%	22.5%	27.0%	22.5%	13.7%	8.6%	100.0%
East Midlands	10.3%	25.0%	28.0%	17.7%	9.6%	9.4%	100.0%
West Midlands	7.2%	16.6%	30.7%	23.2%	11.5%	10.7%	100.0%
Yorkshire & The Humber	7.9%	24.0%	30.4%	19.7%	13.0%	5.0%	100.0%
North West	7.7%	20.0%	31.0%	21.2%	11.7%	8.3%	100.0%
North East	9.4%	17.8%	34.2%	19.8%	9.4%	9.4%	100.0%
SHA unknown	17.0%	24.5%	29.2%	15.1%	9.4%	4.7%	100.0%
Total	6.6%	18.9%	27.8%	22.8%	12.9%	11.1%	100.0%

16. Number of male unprotected anal intercourse partners amongst homosexually active men in the last year (Q26 & Q23)

% within Strategic Health Authority of residence

	Number of male unprotected anal intercourse partners amongst homosexually active men (Q26 & Q23)					Total
	none	one	two	three or four	five or more	
London	47.7%	28.0%	9.2%	7.1%	7.9%	100.0%
South West	43.6%	31.3%	11.0%	8.2%	5.9%	100.0%
South Central	46.7%	27.8%	10.3%	8.3%	7.0%	100.0%
South East Coast	40.8%	32.8%	10.9%	8.4%	7.2%	100.0%
East of England	46.6%	31.7%	7.5%	9.6%	4.6%	100.0%
East Midlands	42.8%	37.4%	8.8%	8.0%	3.1%	100.0%
West Midlands	47.4%	27.8%	9.0%	8.0%	7.8%	100.0%
Yorkshire & The Humber	44.7%	32.6%	10.1%	6.3%	6.3%	100.0%
North West	43.6%	33.3%	8.5%	8.0%	6.6%	100.0%
North East	45.1%	28.0%	14.3%	9.9%	2.7%	100.0%
SHA unknown	66.7%	20.7%	6.9%	2.3%	3.4%	100.0%
Total	45.8%	30.3%	9.5%	7.7%	6.6%	100.0%

17. Use of Nitrite inhalants (poppers) (Q44 & Q45 & Q46 & Q47)

% within Strategic Health Authority of residence

	Use of Nitrite inhalants (poppers) (Q44 & Q45 & Q46 & Q47)					Total
	No poppers	Use but not during RAI	Use during RAI but not URAI	Use during URAI but not with unknown / discordant partner	Use during URAI with an unknown / discordant partner	
London	48.0%	16.9%	18.4%	8.2%	8.6%	100.0%
South West	54.2%	19.0%	10.5%	8.0%	8.4%	100.0%
South Central	56.5%	15.4%	10.8%	9.9%	7.4%	100.0%
South East Coast	52.4%	19.5%	10.4%	7.7%	10.1%	100.0%
East of England	55.5%	18.0%	12.7%	7.1%	6.7%	100.0%
East Midlands	56.7%	16.9%	10.8%	9.6%	5.9%	100.0%
West Midlands	52.4%	17.7%	14.9%	5.6%	9.3%	100.0%
Yorkshire & The Humber	55.4%	17.6%	11.8%	7.5%	7.7%	100.0%
North West	52.5%	18.4%	11.9%	7.5%	9.7%	100.0%
North East	52.8%	21.6%	12.1%	6.5%	7.0%	100.0%
SHA unknown	57.1%	20.4%	14.3%	5.1%	3.1%	100.0%
Total	52.0%	17.8%	14.1%	7.8%	8.3%	100.0%

18. Use of anabolic steroids (Q49)

% within Strategic Health Authority of residence

	Use of anabolic steroids (Q49)				Total
	Yes, I've taken them in the last month	Yes, I've taken them in the last 12 months	Yes, I've taken them but NOT in the last 12 months	No, I have never taken anabolic steroids	
London	1.8%	1.6%	3.4%	93.2%	100.0%
South West	.8%	.6%	.9%	97.7%	100.0%
South Central	.6%		2.1%	97.2%	100.0%
South East Coast	1.4%	1.3%	2.9%	94.4%	100.0%
East of England	1.1%	1.1%	1.4%	96.4%	100.0%
East Midlands	1.4%	.5%	1.2%	97.0%	100.0%
West Midlands	1.3%	.6%	.6%	97.4%	100.0%
Yorkshire & The Humber	.4%	1.0%	1.7%	96.9%	100.0%
North West	.8%	.9%	1.2%	97.1%	100.0%
North East		1.5%	2.0%	96.5%	100.0%
SHA unknown		1.1%	2.1%	96.8%	100.0%
Total	1.2%	1.1%	2.2%	95.5%	100.0%

PREVENTION NEEDS

19. Sexual behavioural intention on partner's positive disclosure (Q43 & Q17) (not tested positive)

% within Strategic Health Authority of residence

	Sexual behavioural intention on partners positive disclosure (Q43 & Q17) (not tested positive)				Total
	Not want to have sex with him	Still want to have sex with him but be extra careful	Have the kind of sex you would have had anyway	Other	
London	44.8%	45.2%	6.6%	3.4%	100.0%
South West	54.1%	37.6%	4.9%	3.5%	100.0%
South Central	65.2%	28.9%	3.1%	2.8%	100.0%
South East Coast	49.8%	44.0%	4.5%	1.7%	100.0%
East of England	61.9%	33.1%	3.7%	1.3%	100.0%
East Midlands	55.6%	39.5%	3.6%	1.3%	100.0%
West Midlands	50.1%	44.6%	3.8%	1.5%	100.0%
Yorkshire and The Humber	52.8%	38.1%	5.9%	3.2%	100.0%
North West	49.6%	43.3%	3.2%	3.8%	100.0%
North East	53.8%	41.3%	3.8%	1.1%	100.0%
SHA unknown	68.2%	24.7%	4.7%	2.4%	100.0%
Total	51.2%	41.2%	5.0%	2.7%	100.0%

20. Knowledge that poppers increase transmission probability (Q48)

% within Strategic Health Authority of residence

	Knowledge that poppers increase transmission probability (Q48)				Total
	I knew this already	I didn't know this already	I wasn't sure about this	I don't understand this	
London	45.3%	39.2%	11.7%	3.8%	100.0%
South West	39.1%	43.6%	12.6%	4.7%	100.0%
South Central	34.2%	47.7%	13.5%	4.6%	100.0%
South East Coast	43.1%	42.0%	10.2%	4.6%	100.0%
East of England	36.9%	44.9%	11.5%	6.7%	100.0%
East Midlands	42.0%	41.5%	11.1%	5.3%	100.0%
West Midlands	46.0%	36.4%	12.8%	4.7%	100.0%
Yorkshire and The Humber	39.8%	42.8%	11.5%	5.9%	100.0%
North West	45.4%	36.5%	13.9%	4.3%	100.0%
North East	34.8%	46.3%	12.9%	6.0%	100.0%
SHA unknown	34.7%	43.2%	8.4%	13.7%	100.0%
Total	42.4%	40.8%	12.0%	4.8%	100.0%

21. Knowledge that HIV, Hep B & C may be transmitted from shared injecting equipment when using anabolic steroids (Q52a)

% within Strategic Health Authority of residence

	Knowledge that HIV, Hep B & C may be transmitted from shared injecting equipment when using anabolic steroids (Q52a)				Total
	I knew this already	I didn't know this already	I wasn't sure about this	I don't understand this	
London	82.5%	11.8%	3.1%	2.7%	100.0%
South West	77.7%	14.8%	4.4%	3.1%	100.0%
South Central	82.9%	11.8%	2.2%	3.1%	100.0%
South East Coast	77.9%	15.5%	4.2%	2.3%	100.0%
East of England	80.5%	14.5%	2.4%	2.6%	100.0%
East Midlands	77.9%	15.2%	2.6%	4.3%	100.0%
West Midlands	79.3%	13.1%	4.4%	3.3%	100.0%
Yorkshire and The Humber	77.5%	14.0%	4.5%	4.0%	100.0%
North West	81.1%	11.0%	4.3%	3.6%	100.0%
North East	81.2%	13.2%	4.6%	1.0%	100.0%
SHA unknown	69.8%	16.3%	5.8%	8.1%	100.0%
Total	80.3%	13.1%	3.6%	3.0%	100.0%

22. Knowledge that anabolic steroid use is linked to heart disease (Q52b)

% within Strategic Health Authority of residence

	Knowledge that anabolic steroid use is linked to heart disease (Q52b)				Total
	I knew this already	I didn't know this already	I wasn't sure about this	I don't understand this	
London	55.6%	31.4%	10.8%	2.2%	100.0%
South West	53.1%	32.1%	12.9%	1.9%	100.0%
South Central	53.8%	33.1%	10.6%	2.5%	100.0%
South East Coast	54.7%	32.0%	11.4%	1.8%	100.0%
East of England	59.2%	30.1%	8.6%	2.1%	100.0%
East Midlands	54.2%	32.9%	9.1%	3.8%	100.0%
West Midlands	48.6%	33.3%	14.2%	3.9%	100.0%
Yorkshire and The Humber	52.7%	32.5%	11.6%	3.2%	100.0%
North West	54.3%	29.2%	12.9%	3.6%	100.0%
North East	54.6%	34.2%	9.2%	2.0%	100.0%
SHA unknown	54.2%	31.3%	8.4%	6.0%	100.0%
Total	54.5%	31.7%	11.2%	2.6%	100.0%

23. Knowledge that concurrent stimulant and anabolic steroid use increases heart attack risk (q52c)

% within Strategic Health Authority of residence

	Knowledge that concurrent stimulant and anabolic steroid use increases heart attack risk (q52c)				Total
	I knew this already	I didn't know this already	I wasn't sure about this	I don't understand this	
London	52.9%	34.5%	10.5%	2.1%	100.0%
South West	51.4%	36.7%	10.4%	1.5%	100.0%
South Central	52.6%	35.2%	9.7%	2.5%	100.0%
South East Coast	53.0%	33.1%	12.2%	1.8%	100.0%
East of England	57.4%	31.9%	7.6%	3.1%	100.0%
East Midlands	54.4%	31.9%	10.1%	3.6%	100.0%
West Midlands	51.1%	33.8%	11.4%	3.7%	100.0%
Yorkshire and The Humber	54.1%	32.9%	10.7%	2.4%	100.0%
North West	54.4%	29.5%	12.6%	3.6%	100.0%
North East	53.8%	36.5%	8.1%	1.5%	100.0%
SHA unknown	57.6%	28.2%	9.4%	4.7%	100.0%
Total	53.4%	33.6%	10.6%	2.5%	100.0%

24. Knowledge that non-prescribed anabolic steroids dosage may vary from that labelled (Q52d)

% within Strategic Health Authority of residence

	Knowledge that non-prescribed anabolic steroids dosage may vary from that labeled (Q52d)				Total
	I knew this already	I didn't know this already	I wasn't sure about this	I don't understand this	
London	47.8%	37.2%	12.2%	2.8%	100.0%
South West	47.7%	37.5%	12.1%	2.7%	100.0%
South Central	44.1%	41.3%	11.8%	2.8%	100.0%
South East Coast	48.2%	37.3%	12.4%	2.1%	100.0%
East of England	49.3%	37.3%	10.1%	3.4%	100.0%
East Midlands	48.9%	38.7%	8.4%	4.1%	100.0%
West Midlands	49.1%	34.7%	11.8%	4.4%	100.0%
Yorkshire and The Humber	49.3%	32.3%	13.5%	4.9%	100.0%
North West	52.0%	29.8%	13.6%	4.7%	100.0%
North East	49.7%	38.6%	9.6%	2.0%	100.0%
SHA unknown	50.6%	31.8%	10.6%	7.1%	100.0%
Total	48.5%	36.2%	11.9%	3.4%	100.0%

END