

Vital Statistics 2008 The UK Gay Men's Sex Survey

Area sub-samples data report (December 2009)

North East Strategic Health Authority (n=202)

This report uses data from the UK *Gay Men's Sex Survey* 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. There is a data report for each of the ten Strategic Health Authorities (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/region

There are also whole country reports for England, Wales, Scotland, Northern Ireland and the Republic of Ireland, with men grouped according to their region of residence. These reports, and similar reports for previous years, are available at: www.sigmaresearch.org.uk/gmss/go.php/country

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 PCT appear as a row (horizontal line) in the tables. The bottom row of each table gives the result for the entire Strategic Health Authority. The first table shows the number of men recruited to the survey living in each PCT and the size of the sub-samples in the rest of the tables. PCT areas with fewer than 20 men in the sample are reported as "all other North East men". Some adjoining PCT areas are amalgamated where respondents cannot be allocated to an individual PCT. 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 occurred only in England and Wales.



Table Contents

SAMPLE DESCRIPTION

- 1a. Primary Care Trust (PCT) of residence
- 1b. Web and booklet sample sizes by PCT of residence
2. Age, in 5 groups (Q6)
3. Age averages (Q6)
4. Ethnicity, in 6 groups (Q7)
5. Highest education qualification (Q8)
6. Sexual identity(Q9)
7. Trans male status (Q1)
8. Gender of sexual partners in the last year (Q23)
9. Marriage / Civil partnership status (Q16)
10. Sero-discordancy with male regular partner (Q11 & Q13)
11. Sexuality disclosure (outness to family, friends & workmates) score average (range 0 = out to none - 12 = out to all, or almost all) (Q10)
12. Living arrangements (Q14)

HIV INFECTION (AND TESTING INTERVENTION PERFORMANCE)

13. HIV testing history (Q17 & Q18)
14. Self-rating of HIV transmission probability among homosexually active men in the last year (Q17 & Q42)

RISK BEHAVIOURS

15. Number of male sexual partners in the last year (Q24)
16. Number of male unprotected anal intercourse partners among homosexually active men in the last year (Q26 & Q23)
17. Use of Nitrite inhalants (poppers) (Q44 & Q45 & Q46 & Q47)
18. Use of anabolic steroids (Q49)

PREVENTION NEEDS

19. Sexual behavioural intention on partner's positive disclosure (Q43 & Q17) (among men not tested positive)
20. Knowledge that poppers increase transmission probability (Q48)
21. Knowledge that HIV, Hep B & C may be transmitted from shared injecting equipment when using anabolic steroids (Q52a)
22. Knowledge that anabolic steroid use is linked to heart disease (Q52b)
23. Knowledge that concurrent stimulant and anabolic steroid use increases heart attack risk (q52c)
24. Knowledge that non-prescribed anabolic steroids dosage may vary from that labelled (Q52d)

Sigma Research
University of Portsmouth
77a Tradescant Road
London, SW8 1XJ
020-7820 8022
David.Reid@sigmaresearch.org.uk
www.sigmaresearch.org.uk
www.gmss.org.uk

SAMPLE DESCRIPTION

1a. Primary Care Trust (PCT) area of residence

	Frequency	Percent
Newcastle PCT	54	26.7
NHS County Durham	30	14.9
Gateshead PCT	21	10.4
Stockton-on-Tees Teaching PCT	21	10.4
NHS Darlington	15	7.4
Sunderland Teaching PCT	11	5.4
Redcar & Cleveland PCT	11	5.4
Northumberland Care Trust PCT	9	4.5
South Tyneside PCT	9	4.5
Middlesbrough PCT	9	4.5
North Tyneside PCT	8	4.0
Hartlepool PCT	4	2.0
Total	202	100.0

1b. Web and booklet sample sizes by PCT area of residence

Count

	Distribution method		Total
	Web	Booklet	
Northumberland Care Trust PCT	4	5	9
Newcastle PCT	28	26	54
North Tyneside PCT	2	6	8
Gateshead PCT	11	10	21
South Tyneside PCT	2	7	9
Sunderland Teaching PCT	6	5	11
NHS County Durham	19	11	30
Hartlepool PCT	0	4	4
NHS Darlington	9	6	15
Stockton-on-Tees Teaching PCT	12	9	21
Middlesbrough PCT	6	3	9
Redcar & Cleveland PCT	5	6	11
Total	104	98	202

2. Age, in 5 groups (Q6)

% within PCT area of residence

	Age, in 5 groups (Q6)					Total
	<20	20s	30s	40s	50+	
Newcastle PCT	11.1%	48.1%	13.0%	14.8%	13.0%	100.0%
Gateshead PCT	9.5%	19.0%	28.6%	23.8%	19.0%	100.0%
NHS County Durham	10.0%	30.0%	16.7%	16.7%	26.7%	100.0%
Stockton-on-Tees Teaching PCT	28.6%	14.3%	19.0%	19.0%	19.0%	100.0%
All other North East men	22.4%	25.0%	19.7%	14.5%	18.4%	100.0%
Total	16.8%	30.2%	18.3%	16.3%	18.3%	100.0%

3. Age averages (Q6)

Age averages (Q6)

PCT area of residence	Median	Mean	Minimum	Maximum	Std. Deviation
Newcastle PCT	27.0000	32.2222	18.00	74.00	13.40750
Gateshead PCT	36.0000	36.8571	18.00	59.00	11.87975
NHS County Durham	34.0000	38.3333	17.00	70.00	16.15727
Stockton-on-Tees Teaching PCT	34.0000	33.7619	16.00	59.00	14.17358
All other North East men	30.5000	33.7763	17.00	72.00	15.13812
Total	31.5000	34.3564	16.00	74.00	14.45706

4. Ethnicity, in 6 groups (Q7)

% within PCT area of residence

	Ethnicity, in 6 groups (Q7)					Total
	White British	White other	Asian	Mixed	Other	
Newcastle PCT	92.6%	3.7%		3.7%		100.0%
Gateshead PCT	100.0%					100.0%
NHS County Durham	90.0%	6.7%			3.3%	100.0%
Stockton-on-Tees Teaching PCT	95.2%		4.8%			100.0%
All other North East men	94.7%	5.3%				100.0%
Total	94.0%	4.0%	.5%	1.0%	.5%	100.0%

5. Highest education qualification (Q8)

% within PCT area of residence

	Highest education qualification (Q8)			Total
	Low	Medium	High	
Newcastle PCT	22.2%	35.2%	42.6%	100.0%
Gateshead PCT	28.6%	33.3%	38.1%	100.0%
NHS County Durham	33.3%	36.7%	30.0%	100.0%
Stockton-on-Tees Teaching PCT	19.0%	42.9%	38.1%	100.0%
All other North East men	26.3%	40.8%	32.9%	100.0%
Total	25.7%	38.1%	36.1%	100.0%

6. Sexual identity(Q9)

% within PCT area of residence

	Sexual identity (Q9)				Total
	Gay	Bisexual	I don't usually use a term	Any other term	
Newcastle PCT	88.9%	5.6%	5.6%		100.0%
Gateshead PCT	90.5%	4.8%	4.8%		100.0%
NHS County Durham	83.3%	13.3%		3.3%	100.0%
Stockton-on-Tees Teaching PCT	71.4%	19.0%	9.5%		100.0%
All other North East men	85.5%	7.9%	6.6%		100.0%
Total	85.1%	8.9%	5.4%	.5%	100.0%

7. Trans male status (Q1)

% within PCT area of residence

	Trans male status (Q1)		Total
	No	Yes	
Newcastle PCT	98.1%	1.9%	100.0%
Gateshead PCT	89.5%	10.5%	100.0%
NHS County Durham	100.0%		100.0%
Stockton-on-Tees Teaching PCT	100.0%		100.0%
All other North East men	98.7%	1.3%	100.0%
Total	98.0%	2.0%	100.0%

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

% within PCT area of residence

	Gender of sexual partners in the last year (Q23)				Total
	No one	Women only	Men only	Both men and women	
Newcastle PCT			90.7%	9.3%	100.0%
Gateshead PCT	4.8%		90.5%	4.8%	100.0%
NHS County Durham	13.3%		80.0%	6.7%	100.0%
Stockton-on-Tees Teaching PCT	9.5%		81.0%	9.5%	100.0%
All other North East men	14.5%	1.3%	80.3%	3.9%	100.0%
Total	8.9%	.5%	84.2%	6.4%	100.0%

9. Marriage / Civil partnership status (Q16)

% within PCT area of residence

	Marriage / Civil partnership status (Q16)			Total
	In a civil partnership with a man	In a marriage with a woman	Neither of these	
Newcastle PCT	7.5%	3.8%	88.7%	100.0%
Gateshead PCT	4.8%	4.8%	90.5%	100.0%
NHS County Durham	10.0%	10.0%	80.0%	100.0%
Stockton-on-Tees Teaching PCT	5.0%	5.0%	90.0%	100.0%
All other North East men	9.3%	5.3%	85.3%	100.0%
Total	8.0%	5.5%	86.4%	100.0%

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

% within PCT area of residence

	Sero-discordancy with male regular partner (Q11 & Q13)				Total
	single	concordant regular	unknown regular	discordant regular	
Newcastle PCT	58.5%	28.3%	9.4%	3.8%	100.0%
Gateshead PCT	47.6%	28.6%	14.3%	9.5%	100.0%
NHS County Durham	60.0%	36.7%		3.3%	100.0%
Stockton-on-Tees Teaching PCT	42.9%	38.1%	19.0%		100.0%
All other North East men	40.8%	46.1%	13.2%		100.0%
Total	49.3%	37.3%	10.9%	2.5%	100.0%

11. Sexuality disclosure (outness to family, friends & workmates) score average (Q10)

Sexuality disclosure (outness) score average (Q10)

PCT area of residence	Median	Mean	Minimum	Maximum	Std. Deviation
Newcastle PCT	11.0000	8.9623	.00	12.00	4.12293
Gateshead PCT	11.0000	9.1429	.00	12.00	3.78531
NHS County Durham	9.5000	7.7000	.00	12.00	4.56486
Stockton-on-Tees Teaching PCT	10.0000	7.5714	.00	12.00	4.86386
All other North East men	12.0000	8.6400	.00	12.00	4.73811
Total	11.0000	8.5250	.00	12.00	4.46532

12. Living arrangements (Q14)

% within PCT area of residence

	Living arrangements (Q14)			Total
	Live alone	Live with male partner	Live with others (not male partner)	
Newcastle PCT	43.4%	15.1%	41.5%	100.0%
Gateshead PCT	23.8%	52.4%	23.8%	100.0%
NHS County Durham	30.0%	23.3%	46.7%	100.0%
Stockton-on-Tees Teaching PCT	33.3%	23.8%	42.9%	100.0%
All other North East men	34.2%	23.7%	42.1%	100.0%
Total	34.8%	24.4%	40.8%	100.0%

HIV INFECTION (AND TESTING INTERVENTION PERFORMANCE)

13. HIV testing history (Q17 & Q18)

% within PCT area of residence

	HIV test history (Q17 & Q18)				Total
	Never tested	Tested negative in last year	Tested negative over a year ago	Tested positive	
Newcastle PCT	25.9%	40.7%	29.6%	3.7%	100.0%
Gateshead PCT	23.8%	38.1%	28.6%	9.5%	100.0%
NHS County Durham	40.0%	36.7%	13.3%	10.0%	100.0%
Stockton-on-Tees Teaching PCT	30.0%	45.0%	25.0%		100.0%
All other North East men	45.2%	34.2%	15.1%	5.5%	100.0%
Total	35.4%	37.9%	21.2%	5.6%	100.0%

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

% within PCT area 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	
Newcastle PCT	1.9%	1.9%	11.1%	14.8%	70.4%	100.0%
Gateshead PCT	5.3%		10.5%	21.1%	63.2%	100.0%
NHS County Durham		3.8%	26.9%	15.4%	53.8%	100.0%
Stockton-on-Tees Teaching PCT			15.8%	26.3%	57.9%	100.0%
All other North East men		1.6%	18.8%	20.3%	59.4%	100.0%
Total	1.1%	1.6%	16.5%	18.7%	62.1%	100.0%

RISK BEHAVIOURS

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

% within PCT area 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	
Newcastle PCT		14.8%	42.6%	24.1%	11.1%	7.4%	100.0%
Gateshead PCT	4.8%	14.3%	28.6%	9.5%	23.8%	19.0%	100.0%
NHS County Durham	13.3%	16.7%	20.0%	26.7%	13.3%	10.0%	100.0%
Stockton-on-Tees Teaching PCT	9.5%	14.3%	33.3%	33.3%	4.8%	4.8%	100.0%
All other North East men	15.8%	22.4%	35.5%	13.2%	3.9%	9.2%	100.0%
Total	9.4%	17.8%	34.2%	19.8%	9.4%	9.4%	100.0%

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

% within PCT area 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	
Newcastle PCT	48.1%	22.2%	14.8%	11.1%	3.7%	100.0%
Gateshead PCT	50.0%	40.0%	5.0%	5.0%		100.0%
NHS County Durham	48.0%	24.0%	8.0%	12.0%	8.0%	100.0%
Stockton-on-Tees Teaching PCT	36.8%	36.8%	26.3%			100.0%
All other North East men	42.2%	28.1%	15.6%	12.5%	1.6%	100.0%
Total	45.1%	28.0%	14.3%	9.9%	2.7%	100.0%

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

% within PCT area 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	
Newcastle PCT	44.4%	24.1%	16.7%	5.6%	9.3%	100.0%
Gateshead PCT	47.6%	38.1%	4.8%	4.8%	4.8%	100.0%
NHS County Durham	48.3%	13.8%	20.7%	10.3%	6.9%	100.0%
Stockton-on-Tees Teaching PCT	40.0%	35.0%	10.0%	5.0%	10.0%	100.0%
All other North East men	65.3%	14.7%	8.0%	6.7%	5.3%	100.0%
Total	52.8%	21.6%	12.1%	6.5%	7.0%	100.0%

18. Use of anabolic steroids (Q49)

% within PCT area of residence

	Use of anabolic steroids (Q49)			Total
	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	
Newcastle PCT			100.0%	100.0%
Gateshead PCT	4.8%		95.2%	100.0%
NHS County Durham		3.3%	96.7%	100.0%
Stockton-on-Tees Teaching PCT	4.8%		95.2%	100.0%
All other North East men	1.3%	3.9%	94.7%	100.0%
Total	1.5%	2.0%	96.5%	100.0%

PREVENTION NEEDS

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

% within PCT area 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	
Newcastle PCT	72.5%	25.5%	2.0%		100.0%
Gateshead PCT	36.8%	63.2%			100.0%
NHS County Durham	55.6%	33.3%	7.4%	3.7%	100.0%
Stockton-on-Tees Teaching PCT	60.0%	30.0%	10.0%		100.0%
All other North East men	41.8%	53.7%	3.0%	1.5%	100.0%
Total	53.8%	41.3%	3.8%	1.1%	100.0%

20. Knowledge that poppers increase transmission probability (Q48)

% within PCT area 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	
Newcastle PCT	31.5%	46.3%	18.5%	3.7%	100.0%
Gateshead PCT	23.8%	42.9%	28.6%	4.8%	100.0%
NHS County Durham	50.0%	36.7%	6.7%	6.7%	100.0%
Stockton-on-Tees Teaching PCT	50.0%	45.0%	5.0%		100.0%
All other North East men	30.3%	51.3%	9.2%	9.2%	100.0%
Total	34.8%	46.3%	12.9%	6.0%	100.0%

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

% within PCT area 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	
Newcastle PCT	88.5%	9.6%	1.9%		100.0%
Gateshead PCT	76.2%	23.8%			100.0%
NHS County Durham	79.3%	13.8%	3.4%	3.4%	100.0%
Stockton-on-Tees Teaching PCT	85.7%	9.5%	4.8%		100.0%
All other North East men	77.0%	13.5%	8.1%	1.4%	100.0%
Total	81.2%	13.2%	4.6%	1.0%	100.0%

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

% within PCT area 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	
Newcastle PCT	58.5%	34.0%	5.7%	1.9%	100.0%
Gateshead PCT	50.0%	35.0%	15.0%		100.0%
NHS County Durham	44.8%	41.4%	6.9%	6.9%	100.0%
Stockton-on-Tees Teaching PCT	66.7%	28.6%	4.8%		100.0%
All other North East men	53.4%	32.9%	12.3%	1.4%	100.0%
Total	54.6%	34.2%	9.2%	2.0%	100.0%

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

% within PCT area 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	
Newcastle PCT	50.9%	39.6%	9.4%		100.0%
Gateshead PCT	50.0%	45.0%	5.0%		100.0%
NHS County Durham	51.7%	41.4%	3.4%	3.4%	100.0%
Stockton-on-Tees Teaching PCT	66.7%	19.0%	14.3%		100.0%
All other North East men	54.1%	35.1%	8.1%	2.7%	100.0%
Total	53.8%	36.5%	8.1%	1.5%	100.0%

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

% within PCT area 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	
Newcastle PCT	45.3%	39.6%	13.2%	1.9%	100.0%
Gateshead PCT	50.0%	50.0%			100.0%
NHS County Durham	55.2%	27.6%	10.3%	6.9%	100.0%
Stockton-on-Tees Teaching PCT	57.1%	28.6%	14.3%		100.0%
All other North East men	48.6%	41.9%	8.1%	1.4%	100.0%
Total	49.7%	38.6%	9.6%	2.0%	100.0%

ENDS