

# Vital Statistics 2007 The UK Gay Men's Sex Survey

## Scotland NHS Health Boards of residence data report (August 2008)

This report uses data from the UK *Gay Men's Sex Survey 2007*, conducted by Sigma Research in collaboration with health promoters throughout the UK. It supplements the main survey report which will be published in December 2008. 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 Scotland and for whom NHS Health Board of residence is known. Respondents are grouped according to the Health Board in which they live.

There are also whole country reports for England, Wales, 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, and similar reports for previous years, are available at:  
[www.sigmaresearch.org.uk/go.php/local/gay](http://www.sigmaresearch.org.uk/go.php/local/gay)

### *The data*

The survey used two data collection methods over the summer of 2007: 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 NHS Health Board appear as a row (horizontal line) in the tables. The bottom row of each table gives the result for all men living in Scotland. The first table shows the number of men recruited to the survey living in each Health Board and the size of the sub-samples in the rest of the tables. Health Boards with fewer than 20 men in the sample are reported as "all other Scottish men". 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/VS2007booklet.pdf](http://www.sigmaresearch.org.uk/files/VS2007booklet.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 and the National Assembly for Wales. Online recruitment occurred in England, Wales, Scotland, Northern Ireland and the Republic of Ireland. Booklet recruitment occurred in England and Wales.



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## SAMPLE DESCRIPTION

### 1. Web and booklet sample sizes by NHS Health Board of residence.

Count

	Distribution method		Total
	Web	Booklet	
Lothian	113	4	117
Orkney	1	0	1
Shetland	1	0	1
Tayside	25	0	25
Lanarkshire	25	2	27
Ayrshire & Arran	11	0	11
Borders	3	0	3
Dumfries & Galloway	2	0	2
Fife	16	2	18
Forth Valley	11	0	11
Grampian	31	1	32
Grt. Glasgow & Clyde	99	4	103
Highland	10	0	10
All other Scottish men	18	4	22
Total	366	17	383

### 2. Age groups.

% within Health Board of residence

	Age in 10s					Total
	<20	20s	30s	40s	50+	
Lothian	7.7%	41.9%	25.6%	16.2%	8.5%	100.0%
Tayside	16.0%	36.0%	8.0%	20.0%	20.0%	100.0%
Lanarkshire	7.4%	44.4%	33.3%	11.1%	3.7%	100.0%
Grampian	9.4%	25.0%	18.8%	34.4%	12.5%	100.0%
Grt. Glasgow & Clyde	10.8%	44.1%	25.5%	11.8%	7.8%	100.0%
All other Scottish men	16.2%	33.8%	24.3%	10.8%	14.9%	100.0%
Total	10.9%	39.3%	24.1%	15.4%	10.3%	100.0%

### 3. Age averages.

Age

Health Board of residence	Median	Minimum	Maximum	Mean	Std. Deviation
Lothian	31.00	16	62	31.92	11.063
Tayside	29.00	16	56	33.56	13.435
Lanarkshire	28.00	18	53	30.41	9.402
Grampian	37.00	18	70	36.72	14.021
Grt. Glasgow & Clyde	27.50	16	61	30.52	10.673
All other Scottish men	29.50	15	73	32.32	14.022
Total	29.00	15	73	32.03	11.968

#### 4. Ethnicity in 6 groups.

% within Health Board of residence

	Ethnicity						Total
	White British	White other	Black	Asian	Mixed	Other	
Lothian	77.8%	18.8%	1.7%	.9%		.9%	100.0%
Tayside	88.0%	12.0%					100.0%
Lanarkshire	96.3%				3.7%		100.0%
Grampian	93.8%	6.3%					100.0%
Grt. Glasgow & Clyde	81.6%	11.7%		1.9%	2.9%	1.9%	100.0%
All other Scottish men	74.7%	7.6%	3.8%	6.3%	2.5%	5.1%	100.0%
Total	81.5%	11.7%	1.3%	2.1%	1.6%	1.8%	100.0%

#### 5. Sexual identity.

% within Health Board of residence

	Sexual identity				Total
	Gay	Bisexual	I don't usually use a term	Any other term	
Lothian	79.5%	14.5%	5.1%	.9%	100.0%
Tayside	76.0%	12.0%	12.0%		100.0%
Lanarkshire	92.6%	3.7%	3.7%		100.0%
Grampian	62.5%	28.1%	6.3%	3.1%	100.0%
Grt. Glasgow & Clyde	81.6%	9.7%	8.7%		100.0%
All other Scottish men	75.9%	20.3%	2.5%	1.3%	100.0%
Total	78.6%	14.6%	6.0%	.8%	100.0%

#### 6. Gender of sexual partners in the last year.

% within Health Board of residence

	Gender of sexual partners				Total
	No one	Women only	Both men and women	Men only	
Lothian	4.3%		11.1%	84.6%	100.0%
Tayside	8.0%		16.0%	76.0%	100.0%
Lanarkshire	7.4%		7.4%	85.2%	100.0%
Grampian	3.1%		9.4%	87.5%	100.0%
Grt. Glasgow & Clyde	8.7%		12.6%	78.6%	100.0%
All other Scottish men	11.4%	1.3%	13.9%	73.4%	100.0%
Total	7.3%	.3%	12.0%	80.4%	100.0%

## 7. Marriage / civil partnership status.

% within Health Board of residence

	Legal partnership status			Total
	in a civil partnership with a man	in a marriage with a woman	in neither of these	
Lothian	8.5%	4.3%	87.2%	100.0%
Tayside			100.0%	100.0%
Lanarkshire	3.7%		96.3%	100.0%
Grampian		12.5%	87.5%	100.0%
Grt. Glasgow & Clyde	3.9%	2.9%	93.2%	100.0%
All other Scottish men	14.7%	4.0%	81.3%	100.0%
Total	6.9%	4.0%	89.2%	100.0%

## 8. Sero-discordancy with male regular partner.

% within Health Board of residence

	HIV serodiscordancy with male partner			Total
	Not in sero-discordant relationship	In sero-discordant relationship	Don't know if sero-discordant	
Lothian	87.0%	5.2%	7.8%	100.0%
Tayside	84.0%	4.0%	12.0%	100.0%
Lanarkshire	85.2%	3.7%	11.1%	100.0%
Grampian	83.9%	3.2%	12.9%	100.0%
Grt. Glasgow & Clyde	89.2%	2.0%	8.8%	100.0%
All other Scottish men	79.2%	9.1%	11.7%	100.0%
Total	85.4%	4.8%	9.8%	100.0%

## HIV TESTING & HEPATITIS SUSCEPTIBILITY

### 9. HIV testing history.

% within Health Board of residence

	HIV testing history			Total
	Never tested	Tested positive	Tested negative	
Lothian	31.0%	6.0%	62.9%	100.0%
Tayside	64.0%		36.0%	100.0%
Lanarkshire	55.6%	3.7%	40.7%	100.0%
Grampian	43.8%	3.1%	53.1%	100.0%
Grt. Glasgow & Clyde	52.0%	2.9%	45.1%	100.0%
All other Scottish men	60.8%	8.9%	30.4%	100.0%
Total	47.8%	5.0%	47.2%	100.0%

### 10. Hepatitis B susceptibility.

% within Health Board of residence

	Hepatitis B susceptibility		Total
	Susceptible	Not Susceptible	
Lothian	52.6%	47.4%	100.0%
Tayside	83.3%	16.7%	100.0%
Lanarkshire	77.8%	22.2%	100.0%
Grampian	59.4%	40.6%	100.0%
Grt. Glasgow & Clyde	59.8%	40.2%	100.0%
All other Scottish men	67.6%	32.4%	100.0%
Total	61.9%	38.1%	100.0%

### 11. Hepatitis A susceptibility.

% within Health Board of residence

	Hepatitis A susceptibility		Total
	Susceptible	Not Susceptible	
Lothian	63.8%	36.2%	100.0%
Tayside	96.0%	4.0%	100.0%
Lanarkshire	81.5%	18.5%	100.0%
Grampian	90.3%	9.7%	100.0%
Grt. Glasgow & Clyde	76.2%	23.8%	100.0%
All other Scottish men	74.3%	25.7%	100.0%
Total	74.9%	25.1%	100.0%

## SEXUAL BEHAVIOUR

### 12. Number of male sexual partners in the last year.

% within Health Board of residence

	Number of male sexual partners in the last year						Total
	None	One	2,3 or 4	5 to 12	13 to 29	30 or more	
Lothian	5.2%	27.8%	19.1%	23.5%	14.8%	9.6%	100.0%
Tayside	12.0%	16.0%	28.0%	8.0%	16.0%	20.0%	100.0%
Lanarkshire	7.7%	34.6%	34.6%	19.2%		3.8%	100.0%
Grampian	3.1%	25.0%	34.4%	28.1%	6.3%	3.1%	100.0%
Grt. Glasgow & Clyde	9.7%	26.2%	23.3%	21.4%	13.6%	5.8%	100.0%
All other Scottish men	16.5%	32.9%	27.8%	11.4%	5.1%	6.3%	100.0%
Total	9.2%	27.9%	25.0%	19.5%	10.8%	7.6%	100.0%

### 13. Met new male sexual partner/s in last year.

% within Health Board of residence

	Met new male partner		Total
	No	Yes	
Lothian	20.9%	79.1%	100.0%
Tayside	13.6%	86.4%	100.0%
Lanarkshire	33.3%	66.7%	100.0%
Grampian	16.1%	83.9%	100.0%
Grt. Glasgow & Clyde	19.4%	80.6%	100.0%
All other Scottish men	24.2%	75.8%	100.0%
Total	21.1%	78.9%	100.0%

### 14. Unprotected anal intercourse (UAI) in the previous year with partners whose HIV status was unknown or discordant.

% within Health Board of residence

	UAI with partners of unknown or discordant status				Total
	Not done	Insertive only	Receptive only	Both Insertive and Receptive	
Lothian	73.9%	8.7%	7.0%	10.4%	100.0%
Tayside	76.0%	4.0%	12.0%	8.0%	100.0%
Lanarkshire	74.1%		7.4%	18.5%	100.0%
Grampian	75.0%	6.3%	6.3%	12.5%	100.0%
Grt. Glasgow & Clyde	72.5%	7.8%	10.8%	8.8%	100.0%
All other Scottish men	74.0%	2.7%	11.0%	12.3%	100.0%
Total	73.8%	6.1%	9.1%	11.0%	100.0%

**15. Perceived HIV transmission risk in the last year (for all men).**

% within Health Board of residence

	HIV transmission risk in last year		Total
	No	Yes	
Lothian	66.1%	33.9%	100.0%
Tayside	72.7%	27.3%	100.0%
Lanarkshire	68.0%	32.0%	100.0%
Grampian	69.0%	31.0%	100.0%
Grt. Glasgow & Clyde	65.3%	34.7%	100.0%
All other Scottish men	72.2%	27.8%	100.0%
Total	67.9%	32.1%	100.0%

## HEALTH NEEDS

### 16. Ever heard of PEP.

% within Health Board of residence

	Heard of PEP		Total
	No	Yes	
Lothian	52.6%	47.4%	100.0%
Tayside	64.0%	36.0%	100.0%
Lanarkshire	44.4%	55.6%	100.0%
Grampian	53.1%	46.9%	100.0%
Grt. Glasgow & Clyde	55.9%	44.1%	100.0%
All other Scottish men	64.3%	35.7%	100.0%
Total	55.9%	44.1%	100.0%

### 17. Any concern about your alcohol use.

% within Health Board of residence

	Any concern about alcohol use		Total
	No	Yes	
Lothian	88.8%	11.2%	100.0%
Tayside	84.0%	16.0%	100.0%
Lanarkshire	96.3%	3.7%	100.0%
Grampian	90.6%	9.4%	100.0%
Grt. Glasgow & Clyde	89.0%	11.0%	100.0%
All other Scottish men	90.5%	9.5%	100.0%
Total	89.6%	10.4%	100.0%

### 18. Any concern about your drug use.

% within Health Board of residence

	Any concern about drug use		Total
	No	Yes	
Lothian	94.8%	5.2%	100.0%
Tayside	96.0%	4.0%	100.0%
Lanarkshire	96.3%	3.7%	100.0%
Grampian	93.8%	6.3%	100.0%
Grt. Glasgow & Clyde	97.0%	3.0%	100.0%
All other Scottish men	82.4%	17.6%	100.0%
Total	93.0%	7.0%	100.0%

**19. I would sometimes rather risk HIV transmission than use a condom.**

% within Health Board of residence

	<b>Sometimes rather risk HIV transmission than use a condom</b>					Total
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree	
Lothian	3.4%	6.9%	2.6%	26.7%	60.3%	100.0%
Tayside	4.0%	4.0%	8.0%	20.0%	64.0%	100.0%
Lanarkshire	3.8%	7.7%	7.7%	23.1%	57.7%	100.0%
Grampian		3.1%	12.5%	21.9%	62.5%	100.0%
Grt. Glasgow & Clyde	2.0%	6.9%	7.8%	16.7%	66.7%	100.0%
All other Scottish men	12.0%	12.0%	12.0%	24.0%	40.0%	100.0%
Total	4.5%	7.4%	7.4%	22.3%	58.2%	100.0%

**20. I can talk to my friends about safer sex and HIV**

% within Health Board of residence

	<b>I can talk to my friends about safer sex and HIV</b>					Total
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree	
Lothian	36.2%	42.2%	12.9%	4.3%	4.3%	100.0%
Tayside	29.2%	37.5%	8.3%	20.8%	4.2%	100.0%
Lanarkshire	23.1%	38.5%	19.2%	11.5%	7.7%	100.0%
Grampian	18.8%	43.8%	28.1%	3.1%	6.3%	100.0%
Grt. Glasgow & Clyde	41.2%	35.3%	12.7%	6.9%	3.9%	100.0%
All other Scottish men	28.0%	38.7%	16.0%	9.3%	8.0%	100.0%
Total	33.1%	39.2%	14.9%	7.5%	5.3%	100.0%

**21. I have someone to talk to if I'm worried about safer sex and HIV.**

% within Health Board of residence

	<b>I have someone to talk to if I'm worried about safer sex and HIV</b>					Total
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree	
Lothian	35.3%	36.2%	13.8%	12.9%	1.7%	100.0%
Tayside	20.0%	40.0%	16.0%	12.0%	12.0%	100.0%
Lanarkshire	26.9%	38.5%	15.4%	11.5%	7.7%	100.0%
Grampian	18.8%	28.1%	28.1%	12.5%	12.5%	100.0%
Grt. Glasgow & Clyde	38.6%	37.6%	11.9%	8.9%	3.0%	100.0%
All other Scottish men	29.3%	38.7%	16.0%	10.7%	5.3%	100.0%
Total	32.0%	36.8%	15.2%	11.2%	4.8%	100.0%

**22. If I wanted to know something about safer sex or HIV, I'd know how to find the answer.**

% within Health Board of residence

	If I wanted to know something about safer sex or HIV, I'd know how to find the answer					Total
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree	
Lothian	42.2%	48.3%	6.0%	2.6%	.9%	100.0%
Tayside	40.0%	40.0%	16.0%	4.0%		100.0%
Lanarkshire	38.5%	34.6%	26.9%			100.0%
Grampian	37.5%	43.8%	12.5%		6.3%	100.0%
Grt. Glasgow & Clyde	52.9%	32.4%	7.8%	2.0%	4.9%	100.0%
All other Scottish men	34.7%	41.3%	14.7%	5.3%	4.0%	100.0%
Total	42.8%	40.7%	10.9%	2.7%	2.9%	100.0%

**23. How easy do you find it to decline sexual contact from other men?**

% within Health Board of residence

	Ease of declining sexual contact from other men				Total
	Very easy	Quite easy	Quite difficult	Very difficult	
Lothian	31.3%	40.9%	20.9%	7.0%	100.0%
Tayside	24.0%	44.0%	24.0%	8.0%	100.0%
Lanarkshire	50.0%	30.8%	19.2%		100.0%
Grampian	16.1%	58.1%	25.8%		100.0%
Grt. Glasgow & Clyde	30.1%	42.7%	19.4%	7.8%	100.0%
All other Scottish men	36.1%	31.9%	16.7%	15.3%	100.0%
Total	31.5%	40.6%	20.2%	7.8%	100.0%

**24. How easy is it for you to have safer sex during sexual encounters?**

% within Health Board of residence

	Ease of having safer sex during sexual encounters				Total
	Very easy	Quite easy	Quite difficult	Very difficult	
Lothian	56.5%	32.2%	7.0%	4.3%	100.0%
Tayside	45.8%	33.3%	16.7%	4.2%	100.0%
Lanarkshire	52.0%	36.0%	12.0%		100.0%
Grampian	29.0%	64.5%	6.5%		100.0%
Grt. Glasgow & Clyde	51.0%	40.2%	7.8%	1.0%	100.0%
All other Scottish men	42.5%	32.9%	13.7%	11.0%	100.0%
Total	48.9%	37.6%	9.5%	4.1%	100.0%

**25. How easy is it for you to negotiate the sex that you want?**

% within Health Board of residence

	Ease of negotiating sex that is wanted				Total
	Very easy	Quite easy	Quite difficult	Very difficult	
Lothian	36.5%	50.4%	13.0%		100.0%
Tayside	41.7%	37.5%	20.8%		100.0%
Lanarkshire	30.8%	46.2%	19.2%	3.8%	100.0%
Grampian	19.4%	58.1%	22.6%		100.0%
Grt. Glasgow & Clyde	34.3%	50.0%	12.7%	2.9%	100.0%
All other Scottish men	34.2%	34.2%	19.2%	12.3%	100.0%
Total	34.0%	46.6%	15.9%	3.5%	100.0%

**26. How easy is it for you to maintain condom use in your sexual encounters?**

% within Health Board of residence

	Ease of maintaining condom use in sexual encounters				Total
	Very easy	Quite easy	Quite difficult	Very difficult	
Lothian	43.5%	41.7%	9.6%	5.2%	100.0%
Tayside	29.2%	41.7%	20.8%	8.3%	100.0%
Lanarkshire	38.5%	50.0%	11.5%		100.0%
Grampian	22.6%	54.8%	22.6%		100.0%
Grt. Glasgow & Clyde	46.1%	42.2%	8.8%	2.9%	100.0%
All other Scottish men	44.4%	29.2%	18.1%	8.3%	100.0%
Total	41.4%	41.1%	13.0%	4.6%	100.0%

**<ENDS>**