

# Vital Statistics 2004 The UK Gay Men's Sex Survey

## Scotland NHS Health Boards Data Report (March 2008)

This is a report of data from the UK Gay Men's Sex Survey 2004, conducted by Sigma Research in collaboration with health promoters throughout the UK. This report supplements the annual report *Risk and reflexion* (down-loadable from <http://www.sigmaresearch.org.uk/files/report2005c.pdf>). Survey methods and interpretation of the variables are outlined in that report. This data is intended to provide HIV health promotion planners with information about their local gay population. This report contains data from men who live in Scotland and for whom NHS Board of residence data is known. Respondents are grouped according to the NHS Health Board in which they live.

### *The data*

The survey used three data collection methods over the summer of 2004:

- (1) A self-sealing, Freepost addressed booklet distributed by 113 health promotion agencies throughout the UK: (14 based in Scotland);
- (2) In English and Spanish on two specific web-sites <<http://www.sigmasurvey.org.uk>> and <http://www.sigmaspanish.org.uk>>, promoted via links on 37 gay and HIV related web-sites (1 targeting men living in Scotland specifically). Two sites, gay.com and gaydar.co.uk, conducted substantial paid for promotion of the survey.
- (3) As an insert in the GMFA magazine 'FS' which could be returned by Freepost.

This report contains data from all the men recruited through **all methods**.

The respondents are grouped according to the SHA they live in.

To be included in the sample respondents must:

- be male;
- be aged 14 or over;
- be living in Scotland;
- have had sex with a man in the last year and / 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 Board appear as a line in the tables. The bottom line of each table gives the result for the entire Scotland sample. The first table shows the number of men recruited to the survey living in each NHS Board and the size of the Sub-samples in the rest of the tables. Areas with fewer than 20 men are not reported on further. The tables show the proportions (%) of each sub-sample for that variable (less missing data). Rows (lines across) 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:

<http://www.sigmaresearch.org.uk/files/VS2004booklet.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. Web

recruitment occurred in England, Wales, Scotland and Northern Ireland and the Republic of Ireland. Booklet recruitment occurred in England Wales and Scotland.



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**Vital Statistics 2004**  
**The UK Gay Men's Sex Survey**  
**England: Strategic Health Authorities data report (March 2008)**

**Sample description**

**1. Web and Booklet sample sizes.**

Count

	method - distribution			Total
	Web English	Booklet	FS insert	
Lothian	211	34	0	245
Shetland	5	0	0	5
Tayside	71	8	0	79
Western Isles	3	0	0	3
Lanarkshire	60	20	0	80
Ayrshire & Arran	40	7	0	47
Borders	12	0	0	12
Dumfries & Galloway	14	4	0	18
Fife	39	7	0	46
Forth Valley	34	3	0	37
Grampian	73	18	0	91
Greater Glasgow & Clyde	218	35	1	254
Highland	33	6	0	39
NHS Health Board unknown	99	9	0	108
Total	912	151	1	1064

## 2. Age groups.

% within Scottish Health Board of Residence

	Age Groups				
	<20	20s	30s	40s	50+
Lothian	7.5%	38.3%	27.5%	16.3%	10.4%
Tayside	12.7%	36.7%	32.9%	13.9%	3.8%
Lanarkshire	12.5%	40.0%	26.3%	16.3%	5.0%
Ayrshire & Arran	6.4%	29.8%	23.4%	27.7%	12.8%
Fife	8.7%	32.6%	23.9%	21.7%	13.0%
Forth Valley	5.4%	43.2%	24.3%	10.8%	16.2%
Grampian	3.4%	34.8%	28.1%	20.2%	13.5%
Greater Glasgow & Clyde	10.1%	38.7%	29.0%	14.5%	7.7%
Highland	10.5%	21.1%	18.4%	18.4%	31.6%
All other Scottish Men	14.5%	29.7%	26.9%	17.2%	11.7%
Total	9.5%	35.8%	27.4%	16.8%	10.5%

## 3. Age averages.

Age

Scottish Health Board of Residence	Median	Minimum	Maximum	Mean	Std. Deviation
Lothian	31.00	15	70	33.24	11.755
Tayside	30.00	16	57	30.24	9.760
Lanarkshire	29.00	16	60	31.25	10.460
Ayrshire & Arran	35.00	18	76	36.32	12.993
Fife	36.00	16	64	34.93	12.414
Forth Valley	30.00	19	70	33.57	13.320
Grampian	33.00	16	62	34.67	12.124
Greater Glasgow & Clyde	30.00	16	56	31.27	10.166
Highland	38.50	16	64	38.92	14.784
All other Scottish Men	31.00	15	75	32.70	12.211
Total	31.00	15	76	32.87	11.644

#### 4. Ethnicity.

% within Scottish Health Board of Residence

	Ethnic Group				
	White British	White other	Asian	Mixed	Other
Lothian	89.8%	9.0%	.4%	.8%	
Tayside	93.7%	2.5%	1.3%	2.5%	
Lanarkshire	98.8%	1.3%			
Ayrshire & Arran	95.7%	4.3%			
Fife	100.0%				
Forth Valley	97.3%	2.7%			
Grampian	95.6%	3.3%			1.1%
Greater Glasgow & Clyde	90.2%	7.9%	.8%	.4%	.8%
Highland	94.9%	5.1%			
All other Scottish Men	86.2%	7.6%	1.4%	2.1%	2.8%
Total	92.0%	6.0%	.6%	.8%	.7%

#### 5. Years of full-time education after the age of 16 years of age.

% within Scottish Health Board of Residence

	Years in full-time education post - 16				
	None	1 year	2 years	3 to 5 years	6 or more years
Lothian	11.5%	6.6%	9.9%	39.9%	32.1%
Tayside	10.4%	10.4%	14.3%	46.8%	18.2%
Lanarkshire	7.6%	11.4%	25.3%	34.2%	21.5%
Ayrshire & Arran	8.5%	2.1%	14.9%	48.9%	25.5%
Fife	10.9%	8.7%	17.4%	47.8%	15.2%
Forth Valley	16.2%	8.1%	8.1%	45.9%	21.6%
Grampian	13.5%	2.2%	14.6%	42.7%	27.0%
Greater Glasgow & Clyde	11.5%	7.9%	15.4%	36.4%	28.9%
Highland	12.8%	17.9%	15.4%	28.2%	25.6%
All other Scottish Men	15.8%	14.4%	15.1%	30.8%	24.0%
Total	11.9%	8.6%	14.5%	38.6%	26.3%

## 6. Current religious practice.

% within Scottish Health Board of Residence

	Current religious practice						
	No religious practice	Judaism	Christianity	Islam	Buddhism	Paganism	Other
Lothian	84.0%	.4%	13.2%			.4%	2.1%
Tayside	86.1%	1.3%	11.4%	1.3%			
Lanarkshire	82.5%		16.3%				1.3%
Ayrshire & Arran	63.8%		29.8%		6.4%		
Fife	78.3%		17.4%		2.2%		2.2%
Forth Valley	83.8%		10.8%		2.7%	2.7%	
Grampian	82.4%		15.4%			1.1%	1.1%
Greater Glasgow & Clyde	89.2%		7.6%	.4%	.8%	1.2%	.8%
Highland	74.4%		20.5%		2.6%	2.6%	
All other Scottish Men	86.9%		9.7%	1.4%	.7%		1.4%
Total	84.0%	.2%	12.8%	.4%	.9%	.7%	1.1%

## 7. Sexual identity.

% within Scottish Health Board of Residence

	Sexual identity			
	Gay	Bisexual	I don't usually use a term	Any other term
Lothian	80.8%	12.2%	6.5%	.4%
Tayside	78.5%	17.7%	3.8%	
Lanarkshire	70.0%	17.5%	12.5%	
Ayrshire & Arran	76.6%	10.6%	12.8%	
Fife	73.9%	23.9%	2.2%	
Forth Valley	66.7%	22.2%	11.1%	
Grampian	78.0%	15.4%	6.6%	
Greater Glasgow & Clyde	80.6%	13.8%	5.1%	.4%
Highland	76.9%	12.8%	10.3%	
All other Scottish Men	67.1%	20.5%	10.3%	2.1%
Total	76.6%	15.6%	7.3%	.5%

## 8. Illness, Health problem or disability.

% within Scottish Health Board of Residence

	Illness, Health problem, disability	
	no	yes
Lothian	93.9%	6.1%
Tayside	87.2%	12.8%
Lanarkshire	97.5%	2.5%
Ayrshire & Arran	91.3%	8.7%
Fife	91.3%	8.7%
Forth Valley	94.4%	5.6%
Grampian	87.9%	12.1%
Greater Glasgow & Clyde	89.7%	10.3%
Highland	79.5%	20.5%
All other Scottish Men	90.1%	9.9%
Total	90.9%	9.1%

## HIV testing

### 9. HIV testing history.

% within Scottish Health Board of Residence

	HIV testing history			
	Never tested	-ve test last year	-ve test > 1 year ago	Tested HIV positive
Lothian	48.0%	29.1%	20.1%	2.9%
Tayside	58.2%	21.5%	16.5%	3.8%
Lanarkshire	53.8%	27.5%	10.0%	8.8%
Ayrshire & Arran	34.0%	38.3%	27.7%	
Fife	54.3%	30.4%	15.2%	
Forth Valley	75.7%	18.9%	5.4%	
Grampian	49.5%	28.6%	20.9%	1.1%
Greater Glasgow & Clyde	48.6%	24.1%	23.7%	3.6%
Highland	53.8%	17.9%	23.1%	5.1%
All other Scottish Men	58.9%	24.7%	14.4%	2.1%
Total	51.8%	26.3%	18.9%	3.0%

## Sexual Behaviour

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

% within Scottish Health Board of Residence

	Gender of sexual partners			
	no one	women only	men only	both men and women
Lothian	5.3%	.8%	82.0%	11.8%
Tayside	6.3%	1.3%	77.2%	15.2%
Lanarkshire		1.3%	78.8%	20.0%
Ayrshire & Arran	2.1%		89.4%	8.5%
Fife	6.5%		71.7%	21.7%
Forth Valley	8.1%	2.7%	78.4%	10.8%
Grampian	5.5%		79.1%	15.4%
Greater Glasgow & Clyde	5.5%	.4%	82.3%	11.8%
Highland	5.1%		79.5%	15.4%
All other Scottish Men	7.5%	1.4%	69.9%	21.2%
Total	5.4%	.8%	79.2%	14.7%

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

% within Scottish Health Board of Residence

	Number of male sexual partners				
	One	2,3 or 4	5 to 12	13 to 29	30 or more
Lothian	15.2%	27.8%	29.6%	15.2%	12.2%
Tayside	19.7%	38.0%	29.6%	11.3%	1.4%
Lanarkshire	17.7%	32.9%	31.6%	11.4%	6.3%
Ayrshire & Arran	19.6%	43.5%	13.0%	13.0%	10.9%
Fife	20.9%	30.2%	18.6%	18.6%	11.6%
Forth Valley	21.9%	40.6%	21.9%	12.5%	3.1%
Grampian	27.9%	29.1%	29.1%	8.1%	5.8%
Greater Glasgow & Clyde	20.7%	29.1%	26.6%	12.2%	11.4%
Highland	21.6%	40.5%	21.6%	8.1%	8.1%
All other Scottish Men	19.2%	36.2%	22.3%	12.3%	10.0%
Total	19.6%	32.2%	26.2%	12.6%	9.4%



### 12. HIV concordancy of regular male relationship.

% within Scottish Health Board of Residence

	HIV concordancy of regular male relationship			
	Single	HIV concordant	HIV discordant	Concordancy unknown
Lothian	48.1%	31.3%	2.1%	18.5%
Tayside	43.6%	37.2%		19.2%
Lanarkshire	38.8%	40.0%		21.3%
Ayrshire & Arran	40.4%	42.6%	2.1%	14.9%
Fife	47.8%	47.8%		4.3%
Forth Valley	56.8%	29.7%	2.7%	10.8%
Grampian	50.5%	30.8%	2.2%	16.5%
Greater Glasgow & Clyde	48.8%	33.1%	1.6%	16.5%
Highland	46.2%	43.6%	2.6%	7.7%
All other Scottish Men	46.2%	31.7%	1.4%	20.7%
Total	47.1%	34.4%	1.5%	17.0%

### 13. Sex with a risk of HIV transmission since last HIV test (those who had tested for HIV).

% within Scottish Health Board of Residence

	HIV transmission risk since HIV test		
	No	Yes	Don't know
Lothian	60.6%	29.1%	10.2%
Tayside	72.7%	18.2%	9.1%
Lanarkshire	67.6%	21.6%	10.8%
Ayrshire & Arran	74.2%	19.4%	6.5%
Fife	66.7%	9.5%	23.8%
Forth Valley	66.7%	22.2%	11.1%
Grampian	69.6%	21.7%	8.7%
Greater Glasgow & Clyde	67.7%	26.2%	6.2%
Highland	66.7%	5.6%	27.8%
All other Scottish Men	71.2%	23.7%	5.1%
Total	67.1%	23.5%	9.4%

## Health Needs

### 14. The sex I have is always as safe as I want it to be.

% within Scottish Health Board of Residence

	Sex is as safe as I want it to be				
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree
Lothian	50.0%	37.0%	6.5%	6.5%	
Tayside	48.6%	34.7%	8.3%	8.3%	
Lanarkshire	51.9%	40.5%	5.1%	2.5%	
Ayrshire & Arran	44.4%	37.8%	11.1%	6.7%	
Fife	62.8%	32.6%	4.7%		
Forth Valley	59.4%	25.0%	6.3%	6.3%	3.1%
Grampian	61.6%	30.2%	2.3%	4.7%	1.2%
Greater Glasgow & Clyde	60.6%	28.8%	5.5%	4.2%	.8%
Highland	45.9%	45.9%	8.1%		
All other Scottish Men	50.8%	36.9%	7.7%	3.8%	.8%
Total	54.1%	34.3%	6.3%	4.7%	.5%

### 15. I find it easy to say 'no' to sex I don't want.

% within Scottish Health Board of Residence

	I find it easy to say "no" to sex				
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree
Lothian	48.7%	34.2%	7.9%	7.9%	1.3%
Tayside	41.7%	37.5%	15.3%	5.6%	
Lanarkshire	40.5%	41.8%	10.1%	2.5%	5.1%
Ayrshire & Arran	40.0%	42.2%	8.9%	4.4%	4.4%
Fife	48.8%	41.9%	4.7%	2.3%	2.3%
Forth Valley	53.1%	28.1%	6.3%	12.5%	
Grampian	38.4%	50.0%	8.1%	3.5%	
Greater Glasgow & Clyde	48.5%	32.5%	11.0%	6.3%	1.7%
Highland	32.4%	45.9%	10.8%	10.8%	
All other Scottish Men	51.5%	34.6%	4.6%	6.2%	3.1%
Total	46.1%	37.0%	8.9%	6.2%	1.8%

**16. I sometimes feel lonely.**

% within Scottish Health Board of Residence

	I sometimes feel lonely				
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree
Lothian	29.6%	41.3%	6.1%	15.7%	7.4%
Tayside	22.2%	44.4%	6.9%	19.4%	6.9%
Lanarkshire	24.1%	48.1%	3.8%	17.7%	6.3%
Ayrshire & Arran	28.9%	48.9%		15.6%	6.7%
Fife	25.6%	46.5%	7.0%	18.6%	2.3%
Forth Valley	29.0%	35.5%	6.5%	19.4%	9.7%
Grampian	32.6%	38.4%	5.8%	18.6%	4.7%
Greater Glasgow & Clyde	27.1%	41.1%	8.1%	19.1%	4.7%
Highland	35.1%	48.6%	8.1%	5.4%	2.7%
All other Scottish Men	29.2%	35.4%	8.5%	14.6%	12.3%
Total	28.2%	41.7%	6.6%	16.9%	6.7%

**17. I sometimes worry about how much I drink.**

% within Scottish Health Board of Residence

	I sometimes worry about how much I drink				
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree
Lothian	4.4%	28.8%	6.6%	31.0%	29.3%
Tayside	8.3%	18.1%	5.6%	41.7%	26.4%
Lanarkshire	8.9%	24.1%	6.3%	36.7%	24.1%
Ayrshire & Arran	8.9%	26.7%		28.9%	35.6%
Fife	9.3%	32.6%	4.7%	32.6%	20.9%
Forth Valley	6.3%	37.5%	9.4%	34.4%	12.5%
Grampian	8.1%	23.3%	2.3%	37.2%	29.1%
Greater Glasgow & Clyde	8.0%	18.1%	4.6%	32.9%	36.3%
Highland		32.4%	5.4%	40.5%	21.6%
All other Scottish Men	7.1%	13.4%	7.9%	33.1%	38.6%
Total	6.9%	23.1%	5.5%	33.9%	30.6%

**18. I sometimes worry about my recreational drug use.**

% within Scottish Health Board of Residence

	I sometimes worry about my recreational drug use				
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree
Lothian	2.6%	9.3%	4.4%	13.2%	70.5%
Tayside	1.4%	4.3%	1.4%	11.4%	81.4%
Lanarkshire	1.3%	5.1%	6.4%	23.1%	64.1%
Ayrshire & Arran		2.3%	4.5%	13.6%	79.5%
Fife	2.4%	11.9%	11.9%	11.9%	61.9%
Forth Valley	3.3%	6.7%	6.7%	13.3%	70.0%
Grampian		1.2%	1.2%	16.7%	81.0%
Greater Glasgow & Clyde	2.6%	6.8%	3.4%	15.0%	72.2%
Highland	2.8%	2.8%	5.6%	19.4%	69.4%
All other Scottish Men	3.1%	7.1%	4.7%	16.5%	68.5%
Total	2.2%	6.5%	4.3%	15.2%	71.8%

**19. I'm happy with what I know about HIV.**

% within Scottish Health Board of Residence

	I am happy with what I know about HIV				
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree
Lothian	25.2%	49.6%	17.4%	7.0%	.9%
Tayside	23.6%	56.9%	9.7%	4.2%	5.6%
Lanarkshire	22.8%	58.2%	12.7%	5.1%	1.3%
Ayrshire & Arran	17.8%	62.2%	15.6%	4.4%	
Fife	23.3%	60.5%	11.6%	4.7%	
Forth Valley	40.6%	34.4%	18.8%	6.3%	
Grampian	27.1%	56.5%	9.4%	5.9%	1.2%
Greater Glasgow & Clyde	27.0%	50.6%	14.8%	4.6%	3.0%
Highland	13.5%	62.2%	13.5%	8.1%	2.7%
All other Scottish Men	28.9%	43.0%	15.6%	7.0%	5.5%
Total	25.6%	51.8%	14.5%	5.8%	2.3%

**20. Would you like to know more about sexual health and HIV?**

% within Scottish Health Board of Residence

	Desire to know more about sexual health and HIV?	
	No	Yes
Lothian	51.2%	48.8%
Tayside	51.9%	48.1%
Lanarkshire	48.8%	51.3%
Ayrshire & Arran	48.9%	51.1%
Fife	52.2%	47.8%
Forth Valley	43.2%	56.8%
Grampian	48.3%	51.7%
Greater Glasgow & Clyde	53.4%	46.6%
Highland	61.5%	38.5%
All other Scottish Men	60.7%	39.3%
Total	52.7%	47.3%

## Intervention coverage

### 21. Recency of STI check-up.

% within Scottish Health Board of Residence

	Recency of last STI checkup			
	I've never had a check-up	In the last year	In the last five years	More than five years ago
Lothian	37.3%	38.5%	16.4%	7.8%
Tayside	49.4%	34.2%	11.4%	5.1%
Lanarkshire	38.8%	47.5%	12.5%	1.3%
Ayrshire & Arran	42.6%	38.3%	14.9%	4.3%
Fife	47.8%	30.4%	13.0%	8.7%
Forth Valley	70.3%	24.3%	2.7%	2.7%
Grampian	42.2%	34.4%	16.7%	6.7%
Greater Glasgow & Clyde	42.5%	33.5%	16.5%	7.5%
Highland	46.2%	23.1%	17.9%	12.8%
All other Scottish Men	50.7%	36.3%	8.2%	4.8%
Total	44.0%	35.6%	14.0%	6.4%

### 22. Location of last STI check-up.

% within Scottish Health Board of Residence

	Location of last STI checkup		
	GP surgery/local doctor	GUM, STD or sexual health clinic	Private Health Care clinic
Lothian	10.8%	85.8%	3.4%
Tayside	10.0%	87.5%	2.5%
Lanarkshire	12.2%	83.7%	4.1%
Ayrshire & Arran	3.8%	96.2%	
Fife	8.7%	87.0%	4.3%
Forth Valley	9.1%	90.9%	
Grampian	13.5%	78.8%	7.7%
Greater Glasgow & Clyde	6.9%	89.7%	3.4%
Highland	28.6%	71.4%	
All other Scottish Men	32.9%	61.4%	5.7%
Total	13.0%	83.2%	3.8%

**END**