

Vital Statistics 2006 The UK Gay Men's Sex Survey

Scotland NHS Health Boards Data Report (February 2008)

This is the first release of data from the UK Gay Men's Sex Survey 2006, conducted by Sigma Research in collaboration with health promoters throughout the UK. This report supplements the annual report (down-loadable from <http://www.sigmaresearch.org.uk/files/report2008c.pdf>). Survey methods and interpretation of the variables will be outlined in that report. This initial 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 Health Board data is known. Respondents are grouped according to the board in which they live.

The data

The survey used two data collection methods over the summer of 2006:

- (1) A self-sealing, Freepost addressed booklet distributed by 76 health promotion agencies;
- (2) On a specific web-site <<http://www.sigmasurvey.org.uk>>, promoted via links on 31 gay and HIV related web-sites. Two sites, gay.com and gaydar.co.uk, conducted substantial paid for promotion of the survey.

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

The respondents are grouped according to the agency which recruited them.

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 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 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 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/VS2006booklet.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. Booklet recruitment occurred in England and Wales.



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Sample Description

1. Web and booklet sample sizes.

Count

	Distribution method		Total
	Web	Booklet	
Lothian	147	2	149
Orkney	4	0	4
Shetland	5	0	5
Tayside	33	2	35
Western Isles	1	0	1
Lanarkshire	42	0	42
Ayrshire & Arran	23	0	23
Borders	6	0	6
Dumfries & Galloway	8	0	8
Fife	26	0	26
Forth Valley	19	1	20
Grampian	41	1	42
Greater Glasgow & Clyde	133	1	134
Highland	19	0	19
NHS Health Board unknown	188	2	190
Total	695	9	704

2. Age Groups

% within Health Board of residence

	Age Groups				
	<20	20s	30s	40s	50+
Lothian	2.0%	36.2%	30.9%	20.8%	10.1%
Tayside		42.9%	28.6%	25.7%	2.9%
Lanarkshire	9.5%	45.2%	19.0%	19.0%	7.1%
Ayrshire & Arran	13.0%	39.1%	21.7%	13.0%	13.0%
Fife	3.8%	38.5%	23.1%	19.2%	15.4%
Forth Valley		50.0%	10.0%	25.0%	15.0%
Grampian	7.1%	21.4%	38.1%	26.2%	7.1%
Greater Glasgow & Clyde	9.7%	32.1%	30.6%	23.1%	4.5%
All other Scottish men	10.3%	33.0%	18.9%	20.2%	17.6%
Total	7.2%	34.9%	25.3%	21.3%	11.2%

3. Age averages.

Age

Health Board of residence	Median	Minimum	Maximum	Mean	Std. Deviation
Lothian	33.00	18	69	34.50	10.878
Tayside	33.00	20	54	33.29	9.934
Lanarkshire	28.00	18	51	31.19	10.299
Ayrshire & Arran	29.00	17	56	32.22	12.026
Fife	35.00	19	62	34.85	12.805
Forth Valley	32.50	21	72	36.40	14.350
Grampian	36.50	16	62	35.12	10.872
Greater Glasgow & Clyde	31.50	16	57	32.51	9.876
All other Scottish men	34.00	14	73	35.12	13.791
Total	33.00	14	73	34.10	11.902

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

% within 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	8.1%	4.7%	8.7%	40.9%	37.6%
Tayside	14.3%	2.9%	20.0%	31.4%	31.4%
Lanarkshire	19.0%	7.1%	16.7%	42.9%	14.3%
Ayrshire & Arran	4.3%	13.0%	4.3%	60.9%	17.4%
Fife	16.0%		24.0%	40.0%	20.0%
Forth Valley	10.0%	5.0%	10.0%	40.0%	35.0%
Grampian	17.1%	9.8%	12.2%	29.3%	31.7%
Greater Glasgow & Clyde	11.3%	3.8%	10.5%	39.1%	35.3%
All other Scottish men	13.4%	11.3%	15.6%	34.2%	25.5%
Total	12.2%	7.2%	13.0%	37.9%	29.8%

5. Sexual identity.

% within Health Board of residence

	Sexual identity			
	Gay	Bisexual	I don't usually use a term	Any other term
Lothian	87.2%	5.4%	6.7%	.7%
Tayside	85.7%	8.6%	5.7%	
Lanarkshire	76.2%	19.0%	4.8%	
Ayrshire & Arran	65.2%	26.1%	8.7%	
Fife	80.8%	15.4%	3.8%	
Forth Valley	80.0%	10.0%	10.0%	
Grampian	71.4%	19.0%	9.5%	
Greater Glasgow & Clyde	77.6%	9.7%	12.7%	
All other Scottish men	68.2%	22.7%	9.0%	
Total	76.3%	14.9%	8.7%	.1%

6. Ethnicity in six groups.

% within Health Board of residence

	Ethnicity					
	White British	White other	Black	Asian	Mixed	Other
Lothian	87.9%	10.1%			.7%	1.3%
Tayside	97.1%	2.9%				
Lanarkshire	95.2%	2.4%	2.4%			
Ayrshire & Arran	95.7%	4.3%				
Fife	96.2%	3.8%				
Forth Valley	100.0%					
Grampian	92.9%	7.1%				
Greater Glasgow & Clyde	86.6%	9.7%		.7%	2.2%	.7%
All other Scottish men	86.3%	7.7%		1.3%	1.3%	3.4%
Total	89.2%	7.5%	.1%	.6%	1.0%	1.6%

7. Living arrangements.

% within Health Board of residence

	Living arrangements		
	Live alone	Live with male partner	Live with others not male partner
Lothian	43.0%	24.2%	32.9%
Tayside	48.6%	20.0%	31.4%
Lanarkshire	23.8%	31.0%	45.2%
Ayrshire & Arran	39.1%	21.7%	39.1%
Fife	23.1%	26.9%	50.0%
Forth Valley	40.0%	30.0%	30.0%
Grampian	40.5%	38.1%	21.4%
Greater Glasgow & Clyde	37.3%	34.3%	28.4%
All other Scottish men	31.6%	22.1%	46.3%
Total	36.2%	26.6%	37.2%

8. In a Civil partnership or Marriage.

% within Health Board of residence

	Civil partnership/marriage		
	In a Civil Partnership with a man	In a Marriage with a woman	In neither of these
Lothian	5.4%	4.0%	90.6%
Tayside			100.0%
Lanarkshire	2.4%	7.1%	90.5%
Ayrshire & Arran	13.0%	21.7%	65.2%
Fife		7.7%	92.3%
Forth Valley	5.0%	5.0%	90.0%
Grampian	7.3%	4.9%	87.8%
Greater Glasgow & Clyde	5.2%	2.2%	92.5%
All other Scottish men	8.3%	12.2%	79.6%
Total	6.0%	7.1%	86.9%

HIV & Hepatitis C testing

9. HIV testing history.

% within Health Board of residence

	HIV testing history			
	Never tested	-ve test last year	-ver test >1 year ago	Tested HIV positive
Lothian	40.9%	32.9%	18.8%	7.4%
Tayside	51.4%	25.7%	20.0%	2.9%
Lanarkshire	59.5%	23.8%	11.9%	4.8%
Ayrshire & Arran	47.8%	30.4%	13.0%	8.7%
Fife	53.8%	15.4%	30.8%	
Forth Valley	55.0%	30.0%	10.0%	5.0%
Grampian	61.9%	23.8%	14.3%	
Greater Glasgow & Clyde	45.9%	27.8%	21.8%	4.5%
All other Scottish men	56.7%	18.2%	22.1%	3.0%
Total	51.1%	24.8%	19.8%	4.3%

10. Hepatitis C testing history.

% within Health Board of residence

	Hepatitis C testing history				
	Never tested	Tested -ve	Tested +ve no longer have it	Tested +ve still have it	Don't know - if ever tested or diagnosed
Lothian	40.9%	50.3%	1.3%	1.3%	6.0%
Tayside	48.6%	42.9%			8.6%
Lanarkshire	61.0%	36.6%			2.4%
Ayrshire & Arran	65.2%	26.1%	4.3%		4.3%
Fife	61.5%	30.8%			7.7%
Forth Valley	55.0%	40.0%			5.0%
Grampian	59.5%	40.5%			
Greater Glasgow & Clyde	47.0%	43.3%	1.5%		8.2%
All other Scottish men	55.4%	34.6%	1.7%		8.2%
Total	51.5%	40.2%	1.3%	.3%	6.7%

Sexual behaviour

11. Gender of sexual partners in the last year.

% within Health Board of residence

	Gender of sexual partners			
	No one	Women only	Both men and women	Men only
Lothian	4.7%		4.7%	90.6%
Tayside	5.7%		2.9%	91.4%
Lanarkshire	4.8%	2.4%	11.9%	81.0%
Ayrshire & Arran	4.3%		17.4%	78.3%
Fife			19.2%	80.8%
Forth Valley	5.0%			95.0%
Grampian	2.4%		11.9%	85.7%
Greater Glasgow & Clyde	3.0%	3.0%	7.5%	86.6%
All other Scottish men	8.6%	2.1%	15.5%	73.8%
Total	5.4%	1.4%	10.4%	82.8%

12. HIV concordancy of regular male relationship.

% within Health Board of residence

	HIV concordancy of regular male relationship			
	Single	HIV concordant	HIV discordant	Concordancy unknown
Lothian	49.7%	36.9%	6.0%	7.4%
Tayside	54.3%	31.4%	2.9%	11.4%
Lanarkshire	35.7%	47.6%	4.8%	11.9%
Ayrshire & Arran	47.8%	43.5%		8.7%
Fife	26.9%	65.4%		7.7%
Forth Valley	40.0%	30.0%	15.0%	15.0%
Grampian	40.5%	42.9%	2.4%	14.3%
Greater Glasgow & Clyde	39.6%	50.7%	5.2%	4.5%
All other Scottish men	51.9%	35.6%	4.7%	7.7%
Total	46.2%	40.9%	4.8%	8.1%

13. Number of male sexual partners in the last year (those who had sex with men).

% within Health Board of residence

	Number of male sexual partners				
	One	2,3 or 4	5 to 12	13 to 29	30 or more
Lothian	16.9%	30.3%	28.9%	13.4%	10.6%
Tayside	6.1%	33.3%	30.3%	15.2%	15.2%
Lanarkshire	15.4%	53.8%	20.5%	5.1%	5.1%
Ayrshire & Arran	13.6%	40.9%	22.7%	13.6%	9.1%
Fife	32.0%	32.0%	24.0%	4.0%	8.0%
Forth Valley	21.1%	26.3%	21.1%	10.5%	21.1%
Grampian	26.8%	41.5%	12.2%	4.9%	14.6%
Greater Glasgow & Clyde	22.4%	32.8%	22.4%	12.0%	10.4%
All other Scottish men	27.5%	35.3%	20.6%	10.3%	6.4%
Total	21.8%	34.9%	22.9%	10.8%	9.5%

14. Anal intercourse and condom use in the last year.

% within Health Board of residence

	Anal intercourse and condom use in the last year.		
	No anal intercourse	Any anal intercourse always protected	Any unprotected anal intercourse
Lothian	14.1%	36.9%	49.0%
Tayside	11.4%	25.7%	62.9%
Lanarkshire	11.9%	31.0%	57.1%
Ayrshire & Arran	13.0%	26.1%	60.9%
Fife	12.0%	40.0%	48.0%
Forth Valley	25.0%	35.0%	40.0%
Grampian	11.9%	31.0%	57.1%
Greater Glasgow & Clyde	12.8%	30.1%	57.1%
All other Scottish men	25.0%	31.6%	43.4%
Total	17.2%	32.3%	50.5%

Health Needs

15. "HIV is still a very serious medical condition."

% within Health Board of residence

	"HIV is still a very serious medical condition."				
	Strongly agree	Agree	Not sure/neither	Disagree	Strongly disagree
Lothian	81.2%	18.1%			.7%
Tayside	80.0%	17.1%		2.9%	
Lanarkshire	83.3%	11.9%	2.4%	2.4%	
Ayrshire & Arran	95.7%	4.3%			
Fife	96.2%	3.8%			
Forth Valley	73.7%	26.3%			
Grampian	92.9%	7.1%			
Greater Glasgow & Clyde	85.8%	12.7%	1.5%		
All other Scottish men	82.7%	14.3%	2.2%	.4%	.4%
Total	84.2%	14.0%	1.1%	.4%	.3%

16. "The sex I have is always as safe as I want it to be."

% within Health Board of residence

	"The sex I have is always as safe as I want it to be."				
	Strongly agree	Agree	Not sure/neither	Disagree	Strongly disagree
Lothian	52.3%	30.9%	10.1%	6.0%	.7%
Tayside	34.3%	28.6%	17.1%	17.1%	2.9%
Lanarkshire	57.1%	33.3%	7.1%	2.4%	
Ayrshire & Arran	30.4%	43.5%	21.7%	4.3%	
Fife	56.0%	32.0%	8.0%	4.0%	
Forth Valley	63.2%	21.1%	15.8%		
Grampian	47.6%	33.3%	7.1%	9.5%	2.4%
Greater Glasgow & Clyde	51.5%	30.6%	10.4%	7.5%	
All other Scottish men	53.0%	31.5%	9.5%	4.7%	1.3%
Total	51.2%	31.4%	10.4%	6.1%	.9%

17. "I'd expect a man with HIV to tell me he was positive before we had sex."

% within Health Board of residence

	"I'd expect a man with HIV to tell me he was positive before we had sex."				
	Strongly agree	Agree	Not sure/neither	Disagree	Strongly disagree
Lothian	53.0%	22.8%	12.8%	9.4%	2.0%
Tayside	51.4%	25.7%	8.6%	11.4%	2.9%
Lanarkshire	71.4%	9.5%	14.3%	4.8%	
Ayrshire & Arran	82.6%	8.7%	4.3%		4.3%
Fife	69.2%	19.2%	11.5%		
Forth Valley	57.9%	5.3%	15.8%	21.1%	
Grampian	81.0%	11.9%	4.8%		2.4%
Greater Glasgow & Clyde	61.2%	17.2%	10.4%	10.4%	.7%
All other Scottish men	65.5%	15.5%	9.1%	8.6%	1.3%
Total	63.1%	17.0%	10.3%	8.3%	1.4%

18. "I'd know where to go if I wanted to make some new friends."

% within Health Board of residence

	"I'd know where to go if I wanted to make some new friends."				
	Strongly agree	Agree	Not sure/neither	Disagree	Strongly disagree
Lothian	23.8%	40.8%	26.5%	5.4%	3.4%
Tayside	17.1%	45.7%	25.7%	8.6%	2.9%
Lanarkshire	23.8%	52.4%	9.5%	9.5%	4.8%
Ayrshire & Arran	8.7%	39.1%	26.1%	21.7%	4.3%
Fife	34.6%	23.1%	30.8%	11.5%	
Forth Valley	30.0%	40.0%	10.0%	20.0%	
Grampian	14.3%	64.3%	11.9%	7.1%	2.4%
Greater Glasgow & Clyde	27.8%	33.8%	30.1%	7.5%	.8%
All other Scottish men	17.7%	40.3%	32.9%	6.9%	2.2%
Total	21.7%	40.9%	27.0%	8.0%	2.3%

19. "I'd like more ways of meeting other Gay men that don't revolve around sex."

% within Health Board of residence

	"I'd like more ways of meeting other Gay men that don't revolve around sex."				
	Strongly agree	Agree	Not sure/neither	Disagree	Strongly disagree
Lothian	40.5%	39.9%	12.2%	6.8%	.7%
Tayside	34.3%	45.7%	14.3%	5.7%	
Lanarkshire	40.5%	40.5%	9.5%	9.5%	
Ayrshire & Arran	52.2%	39.1%	4.3%	4.3%	
Fife	34.6%	42.3%	19.2%	3.8%	
Forth Valley	30.0%	30.0%	30.0%	10.0%	
Grampian	31.0%	52.4%	9.5%	4.8%	2.4%
Greater Glasgow & Clyde	39.6%	41.8%	12.7%	6.0%	
All other Scottish men	36.4%	43.7%	11.3%	6.1%	2.6%
Total	37.9%	42.4%	12.3%	6.3%	1.1%

20. "I would like to be more involved in promoting the health of Gay and Bisexual men."

% within Health Board of residence

	"I would like to be more involved in promoting the health of Gay and Bisexual men."				
	Strongly agree	Agree	Not sure/neither	Disagree	Strongly disagree
Lothian	10.2%	35.4%	32.0%	19.7%	2.7%
Tayside	11.4%	31.4%	28.6%	22.9%	5.7%
Lanarkshire	14.3%	26.2%	45.2%	9.5%	4.8%
Ayrshire & Arran	26.1%	21.7%	39.1%	8.7%	4.3%
Fife	15.4%	30.8%	26.9%	26.9%	
Forth Valley	20.0%	15.0%	40.0%	20.0%	5.0%
Grampian	7.1%	33.3%	45.2%	9.5%	4.8%
Greater Glasgow & Clyde	10.5%	30.8%	45.1%	11.3%	2.3%
All other Scottish men	19.9%	27.3%	37.7%	11.3%	3.9%
Total	14.6%	29.8%	38.1%	14.2%	3.4%

Health Needs - HIV transmission and the law

21. "Laws that can be used against the sexual behaviour of people with HIV are different in different countries."

% within Health Board of residence

	Sexual behaviour laws different in different countries.			
	I knew this	I didn't know this	I wasn't sure	I don't understand this
Lothian	62.2%	16.9%	16.9%	4.1%
Tayside	42.9%	28.6%	17.1%	11.4%
Lanarkshire	33.3%	40.5%	19.0%	7.1%
Ayrshire & Arran	34.8%	30.4%	30.4%	4.3%
Fife	53.8%	38.5%		7.7%
Forth Valley	70.0%	10.0%	20.0%	
Grampian	40.5%	35.7%	21.4%	2.4%
Greater Glasgow & Clyde	56.4%	25.6%	15.0%	3.0%
All other Scottish men	54.3%	28.0%	13.4%	4.3%
Total	53.5%	26.4%	15.7%	4.4%

22. "Some people with HIV have been imprisoned in the UK for passing their infection to a sexual partner."

% within Health Board of residence

	Some PLWHIV imprisoned for passing infection			
	I knew this	I didn't know this	I wasn't sure	I don't understand this
Lothian	82.6%	10.7%	6.7%	
Tayside	82.9%	14.3%	2.9%	
Lanarkshire	78.6%	19.0%	2.4%	
Ayrshire & Arran	73.9%	21.7%	4.3%	
Fife	65.4%	30.8%	3.8%	
Forth Valley	90.0%	5.0%	5.0%	
Grampian	81.0%	19.0%		
Greater Glasgow & Clyde	83.6%	12.7%	3.7%	
All other Scottish men	75.0%	18.5%	5.6%	.9%
Total	79.2%	15.8%	4.7%	.3%

23. "People with HIV have been imprisoned in the UK for passing their infection without intending to do so."

% within Health Board of residence

	Some PLWHIV imprisoned for unintentional transmission			
	I knew this	I didn't know this	I wasn't sure	I don't understand this
Lothian	18.1%	66.4%	12.1%	3.4%
Tayside	17.1%	68.6%	14.3%	
Lanarkshire	14.3%	73.8%	11.9%	
Ayrshire & Arran	13.0%	73.9%	13.0%	
Fife	15.4%	76.9%	7.7%	
Forth Valley	10.5%	73.7%	15.8%	
Grampian	19.0%	69.0%	9.5%	2.4%
Greater Glasgow & Clyde	11.2%	77.6%	9.7%	1.5%
All other Scottish men	17.2%	70.3%	10.3%	2.2%
Total	15.8%	71.4%	11.0%	1.9%

24. "No HIV positive person has been imprisoned in the UK for having sex with a negative person who did not get HIV."

% within Health Board of residence

	No PLWHIV has been imprisoned for sex when transmission has not occurred			
	I knew this	I didn't know this	I wasn't sure	I don't understand this
Lothian	16.1%	50.3%	24.8%	8.7%
Tayside	11.4%	54.3%	28.6%	5.7%
Lanarkshire	4.8%	52.4%	28.6%	14.3%
Ayrshire & Arran	17.4%	65.2%	8.7%	8.7%
Fife		76.9%	15.4%	7.7%
Forth Valley	10.0%	55.0%	30.0%	5.0%
Grampian	21.4%	52.4%	21.4%	4.8%
Greater Glasgow & Clyde	17.2%	53.0%	24.6%	5.2%
All other Scottish men	16.5%	54.5%	22.9%	6.1%
Total	15.1%	54.3%	23.6%	7.0%

END