

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

## Wales Health Board of residence data report

(January 2009: Version 2)

**Important Note:** This report supercedes the GMSS'07 local data reports released in August 2008. Subsequent to that release of data we identified a problem with a number of cases which we believe to have been falsified. The false cases seemed to be an attempt to systematically skew the findings in a particular area of the survey, but provided incomplete data in other areas. In order to exclude as many of these false cases as possible, while retaining valid cases, we tightened the inclusion criteria and excluded all cases missing responses for any of 31 survey items. This resulted in the loss of 29% of all cases, which accounts for the reduction in cases in the report compared with the earlier data release. This has been necessary for us to continue to have confidence in the data that remains.

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 April 2009. 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. This report contains data from men who live in Wales and for whom Health Board of residence is known. Respondents are grouped according to the Health Board in which they live. There is a separate report for Wales with data presented by Regional Unit of residence.

There are also whole country reports for England, Scotland, Northern Ireland and the Republic of Ireland, with men grouped according to their region of residence. Also there are 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 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 Wales. The first table shows the number of men recruited to the survey living in Health Board areas 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 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 Wales Health Board of residence.

Count

	HIV transmission risk in last year		Total
	No	Yes	
Anglesey	1	1	2
Blaenau Gwent	2	0	2
Bridgend	4	2	6
Caerphilly	9	1	10
Cardiff	46	21	67
Carmarthenshire	7	4	11
Ceredigion	8	0	8
Conwy	6	2	8
Denbigshire	9	1	10
Flintshire	5	5	10
Gwynedd	3	6	9
Monmouthshire	4	3	7
Neath Port Talbot	2	1	3
Newport	20	5	25
Pembrokeshire	3	1	4
Powys	4	0	4
Rhondda Cynon Taff	6	3	9
Swansea	22	9	31
Torfaen	5	2	7
Vale of Glamorgan	4	2	6
Wrexham	2	2	4
Board Unknown	5	2	7
Total	177	73	250

### 2. Age groups.

% within LHB area of residence (Wales)

	Age in 10s					Total
	<20	20s	30s	40s	50+	
Cardiff	7.5%	38.8%	23.9%	20.9%	9.0%	100.0%
Newport	16.0%	36.0%	12.0%	16.0%	20.0%	100.0%
Swansea	6.5%	48.4%	29.0%	3.2%	12.9%	100.0%
All Other Welsh Men	14.2%	29.1%	22.0%	20.5%	14.2%	100.0%
Total	11.6%	34.8%	22.4%	18.0%	13.2%	100.0%

### 3. Age averages.

Age

LHB area of residence (Wales)	Median	Minimum	Maximum	Mean	Std. Deviation
Cardiff	32.00	16	66	33.46	11.804
Newport	29.00	17	58	32.32	13.720
Swansea	24.00	18	61	30.10	11.870
All Other Welsh Men	33.00	16	86	34.53	14.206
Total	31.00	16	86	33.47	13.277

#### 4. Ethnicity in 6 groups.

% within LHB area of residence (Wales)

	Ethnicity						Total
	White other	Black	Asian	Mixed	Other	White British	
Cardiff	6.0%	3.0%	1.5%	9.0%	1.5%	79.1%	100.0%
Newport						100.0%	100.0%
Swansea				3.2%		96.8%	100.0%
All Other Welsh Men	4.7%		.8%	.8%	.8%	92.9%	100.0%
Total	4.0%	.8%	.8%	3.2%	.8%	90.4%	100.0%

#### 5. Sexual identity.

% within LHB area of residence (Wales)

	Sexual identity				Total
	Gay	Bisexual	I don't usually use a term	Any other term	
Cardiff	86.6%	3.0%	9.0%	1.5%	100.0%
Newport	80.0%	16.0%		4.0%	100.0%
Swansea	90.3%	6.5%	3.2%		100.0%
All Other Welsh Men	88.2%	5.5%	4.7%	1.6%	100.0%
Total	87.2%	6.0%	5.2%	1.6%	100.0%

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

% within LHB area of residence (Wales)

	Gender of sexual partners				Total
	No one	Women only	Both men and women	Men only	
Cardiff	6.0%		13.4%	80.6%	100.0%
Newport	12.0%		8.0%	80.0%	100.0%
Swansea	3.2%		9.7%	87.1%	100.0%
All Other Welsh Men	3.1%	2.4%	7.9%	86.6%	100.0%
Total	4.8%	1.2%	9.6%	84.4%	100.0%

#### 7. Marriage / civil partnership status.

% within LHB area of residence (Wales)

	Legal partnership status			Total
	in a civil partnership with a man	in a marriage with a woman	in neither of these	
Cardiff	6.0%	3.0%	91.0%	100.0%
Newport	4.2%	8.3%	87.5%	100.0%
Swansea	9.7%		90.3%	100.0%
All Other Welsh Men	6.3%	3.9%	89.8%	100.0%
Total	6.4%	3.6%	90.0%	100.0%

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

% within LHB area of residence (Wales)

	HIV serodiscordancy with male partner			Total
	Not in sero-discordant relationship	In sero-discordant relationship	Don't know if sero-discordant	
Cardiff	79.1%	7.5%	13.4%	100.0%
Newport	96.0%	4.0%		100.0%
Swansea	80.6%	9.7%	9.7%	100.0%
All Other Welsh Men	78.0%	7.1%	15.0%	100.0%
Total	80.4%	7.2%	12.4%	100.0%

## HIV TESTING & HEPATITIS SUSCEPTIBILITY

### 9. HIV testing history

% within LHB area of residence (Wales)

	HIV testing history			Total
	Never tested	Tested negative	Tested positive	
Cardiff	35.8%	58.2%	6.0%	100.0%
Newport	60.0%	36.0%	4.0%	100.0%
Swansea	41.9%	54.8%	3.2%	100.0%
All Other Welsh Men	36.2%	56.7%	7.1%	100.0%
Total	39.2%	54.8%	6.0%	100.0%

### 10. Hepatitis B susceptibility.

% within LHB area of residence (Wales)

	Hepatitis B susceptibility		Total
	Susceptible	Not Susceptible	
Cardiff	50.7%	49.3%	100.0%
Newport	64.0%	36.0%	100.0%
Swansea	74.2%	25.8%	100.0%
All Other Welsh Men	63.8%	36.2%	100.0%
Total	61.6%	38.4%	100.0%

### 11. Hepatitis A susceptibility.

% within LHB area of residence (Wales)

	Hepatitis A susceptibility		Total
	Susceptible	Not Susceptible	
Cardiff	61.2%	38.8%	100.0%
Newport	84.0%	16.0%	100.0%
Swansea	77.4%	22.6%	100.0%
All Other Welsh Men	77.2%	22.8%	100.0%
Total	73.6%	26.4%	100.0%

## SEXUAL BEHAVIOUR

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

% within LHB area of residence (Wales)

	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	
Cardiff	6.0%	19.4%	22.4%	20.9%	17.9%	13.4%	100.0%
Newport	12.0%	12.0%	44.0%	16.0%	4.0%	12.0%	100.0%
Swansea	3.2%	19.4%	38.7%	25.8%	6.5%	6.5%	100.0%
All Other Welsh Men	5.6%	25.4%	28.6%	21.4%	6.3%	12.7%	100.0%
Total	6.0%	21.7%	29.7%	21.3%	9.2%	12.0%	100.0%

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

% within LHB area of residence (Wales)

	Met new male partner		Total
	No	Yes	
Cardiff	17.7%	82.3%	100.0%
Newport	13.6%	86.4%	100.0%
Swansea	20.0%	80.0%	100.0%
All Other Welsh Men	22.2%	77.8%	100.0%
Total	19.9%	80.1%	100.0%

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

% within LHB area of residence (Wales)

	UAI with partners of unknown or discordant status				Total
	Not done	Insertive only	Receptive only	Both Insertive and Receptive	
Cardiff	68.2%	7.6%	12.1%	12.1%	100.0%
Newport	84.0%	4.0%	4.0%	8.0%	100.0%
Swansea	77.4%	6.5%	3.2%	12.9%	100.0%
All Other Welsh Men	73.4%	4.8%	4.0%	17.7%	100.0%
Total	73.6%	5.7%	6.1%	14.6%	100.0%

## HEALTH NEEDS

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

% within LHB area of residence (Wales)

	HIV transmission risk in last year		Total
	No	Yes	
Cardiff	68.7%	31.3%	100.0%
Newport	80.0%	20.0%	100.0%
Swansea	71.0%	29.0%	100.0%
All Other Welsh Men	70.1%	29.9%	100.0%
Total	70.8%	29.2%	100.0%

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

% within LHB area of residence (Wales)

	UAI with partners of unknown or discordant status				Total
	Not done	Insertive only	Receptive only	Both Insertive and Receptive	
Cardiff	68.2%	7.6%	12.1%	12.1%	100.0%
Newport	84.0%	4.0%	4.0%	8.0%	100.0%
Swansea	77.4%	6.5%	3.2%	12.9%	100.0%
All Other Welsh Men	73.4%	4.8%	4.0%	17.7%	100.0%
Total	73.6%	5.7%	6.1%	14.6%	100.0%

### 16. Ever heard of PEP.

% within LHB area of residence (Wales)

	Heard of PEP		Total
	No	Yes	
Cardiff	41.8%	58.2%	100.0%
Newport	56.0%	44.0%	100.0%
Swansea	54.8%	45.2%	100.0%
All Other Welsh Men	51.2%	48.8%	100.0%
Total	49.6%	50.4%	100.0%

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

% within LHB area of residence (Wales)

	Any concern about alcohol use		Total
	No	Yes	
Cardiff	81.8%	18.2%	100.0%
Newport	96.0%	4.0%	100.0%
Swansea	80.6%	19.4%	100.0%
All Other Welsh Men	89.7%	10.3%	100.0%
Total	87.1%	12.9%	100.0%



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

% within LHB area of residence (Wales)

	Any concern about drug use		Total
	No	Yes	
Cardiff	89.4%	10.6%	100.0%
Newport	88.0%	12.0%	100.0%
Swansea	87.1%	12.9%	100.0%
All Other Welsh Men	92.9%	7.1%	100.0%
Total	90.7%	9.3%	100.0%

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

% within LHB area of residence (Wales)

	Sometimes rather risk HIV transmission than use a condom					Total
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree	
Cardiff	4.5%	9.0%	7.5%	14.9%	64.2%	100.0%
Newport		16.0%	4.0%	24.0%	56.0%	100.0%
Swansea		3.2%	9.7%	19.4%	67.7%	100.0%
All Other Welsh Men	4.7%	7.1%	7.9%	25.2%	55.1%	100.0%
Total	3.6%	8.0%	7.6%	21.6%	59.2%	100.0%

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

% within LHB area of residence (Wales)

	I can talk to my friends about safer sex and HIV					Total
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree	
Cardiff	44.8%	40.3%	9.0%	4.5%	1.5%	100.0%
Newport	48.0%	36.0%	12.0%		4.0%	100.0%
Swansea	41.9%	48.4%	6.5%	3.2%		100.0%
All Other Welsh Men	37.0%	37.8%	16.5%	3.9%	4.7%	100.0%
Total	40.8%	39.6%	12.8%	3.6%	3.2%	100.0%

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

% within LHB area of residence (Wales)

	I have someone to talk to if I'm worried about safer sex and HIV.					Total
	Strongly agree	Agree	Not sure	Disagree	Strongly disagree	
Cardiff	41.8%	37.3%	14.9%	4.5%	1.5%	100.0%
Newport	52.0%	40.0%	8.0%			100.0%
Swansea	38.7%	41.9%	16.1%		3.2%	100.0%
All Other Welsh Men	38.6%	39.4%	7.9%	7.9%	6.3%	100.0%
Total	40.8%	39.2%	10.8%	5.2%	4.0%	100.0%

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

% within LHB area of residence (Wales)

	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	
Cardiff	53.7%	35.8%	10.4%			100.0%
Newport	52.0%	28.0%	12.0%	4.0%	4.0%	100.0%
Swansea	58.1%	32.3%	9.7%			100.0%
All Other Welsh Men	53.5%	32.3%	7.1%	2.4%	4.7%	100.0%
Total	54.0%	32.8%	8.8%	1.6%	2.8%	100.0%

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

% within LHB area of residence (Wales)

	Ease of declining sexual contact from other men				Total
	Very easy	Quite easy	Quite difficult	Very difficult	
Cardiff	35.8%	37.3%	14.9%	11.9%	100.0%
Newport	40.0%	40.0%	20.0%		100.0%
Swansea	35.5%	32.3%	16.1%	16.1%	100.0%
All Other Welsh Men	24.4%	43.3%	24.4%	7.9%	100.0%
Total	30.4%	40.0%	20.4%	9.2%	100.0%

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

% within LHB area of residence (Wales)

	Ease of having safer sex during sexual encounters				Total
	Very easy	Quite easy	Quite difficult	Very difficult	
Cardiff	55.2%	32.8%	9.0%	3.0%	100.0%
Newport	60.0%	24.0%	16.0%		100.0%
Swansea	38.7%	54.8%	3.2%	3.2%	100.0%
All Other Welsh Men	50.4%	35.4%	11.8%	2.4%	100.0%
Total	51.2%	36.0%	10.4%	2.4%	100.0%

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

% within LHB area of residence (Wales)

	Ease of negotiating sex that is wanted				Total
	Very easy	Quite easy	Quite difficult	Very difficult	
Cardiff	37.3%	49.3%	11.9%	1.5%	100.0%
Newport	48.0%	48.0%	4.0%		100.0%
Swansea	45.2%	41.9%	12.9%		100.0%
All Other Welsh Men	33.9%	45.7%	16.5%	3.9%	100.0%
Total	37.6%	46.4%	13.6%	2.4%	100.0%

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

% within LHB area of residence (Wales)

	Ease of maintaining condom use in sexual encounters				Total
	Very easy	Quite easy	Quite difficult	Very difficult	
Cardiff	47.8%	34.3%	7.5%	10.4%	100.0%
Newport	48.0%	52.0%			100.0%
Swansea	48.4%	41.9%	6.5%	3.2%	100.0%
All Other Welsh Men	40.2%	35.4%	19.7%	4.7%	100.0%
Total	44.0%	37.6%	12.8%	5.6%	100.0%

**<ENDS>**