

# Vital Statistics 2008 The UK *Gay Men's Sex Survey*

## Wales Regional Unit of residence data report

(December 2009, n = 380)

This report uses data from the UK *Gay Men's Sex Survey* (GMSS) 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. The report contains data from men who live in Wales and for whom their National Public Health Service Regional Unit of residence is known. Respondents are grouped according to the region in which they live. There is a separate report for Wales with data presented by Local Health Board 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. 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 2008 reports, and similar reports for previous years, are available at:

[www.sigmaresearch.org.uk/gmss/go.php/year](http://www.sigmaresearch.org.uk/gmss/go.php/year)

### *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 Regional Unit 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 each of the three regions and the size of the sub-samples in the rest of the tables. 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](http://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 only occurred in England and Wales.



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# SAMPLE DESCRIPTION

## 1. Web and booklet sample sizes by Wales Regional Unit of residence.

Count

	Distribution method		Total
	Web	Booklet	
North Wales	29	16	45
Mid and West Wales	128	26	154
South East Wales	97	72	169
Regional Unit unknown	6	6	12
Total	260	120	380

## 2. Age, in 5 groups (Q6)

% within Wales NPHS regional Unit

	Age, in 5 groups (Q6)					Total
	<20	20s	30s	40s	50+	
North Wales	6.7%	40.0%	20.0%	20.0%	13.3%	100.0%
Mid and West Wales	13.1%	43.1%	15.7%	17.0%	11.1%	100.0%
South East Wales	6.5%	40.2%	27.8%	16.0%	9.5%	100.0%
Regional Unit unknown	8.3%	50.0%	8.3%	8.3%	25.0%	100.0%
Total	9.2%	41.7%	21.4%	16.6%	11.1%	100.0%

## 3. Age averages (Q6)

Age averages (Q6)

Wales NPHS regional Unit	Median	Mean	Minimum	Maximum	Std. Deviation
North Wales	33.0000	34.3111	18.00	63.00	13.08334
Mid and West Wales	27.0000	31.7190	14.00	69.00	12.71989
South East Wales	30.0000	33.2071	17.00	68.00	11.41838
Regional Unit unknown	26.0000	34.0833	17.00	65.00	17.01047
Total	29.0000	32.7652	14.00	69.00	12.33785

## 4. Ethnicity, in 6 groups (Q7)

% within Wales NPHS regional Unit

	Ethnicity, in 6 groups (Q7)			
	White British	White other	Asian	Mixed
North Wales	93.2%	2.3%		2.3%
Mid and West Wales	95.5%	.6%	1.9%	.6%
South East Wales	94.7%	3.0%		1.2%
Regional Unit unknown	100.0%			
Total	95.0%	1.9%	.8%	1.1%

#### 4. Ethnicity, in 6 groups (Q7)

% within Wales NPHS regional Unit

	Ethnicity,	Total
	Other	
North Wales	2.3%	100.0%
Mid and West Wales	1.3%	100.0%
South East Wales	1.2%	100.0%
Regional Unit unknown		100.0%
Total	1.3%	100.0%

#### 5. Highest education qualification (Q8)

% within Wales NPHS regional Unit

	Highest education qualification (Q8)			Total
	Low	Medium	High	
North Wales	42.2%	31.1%	26.7%	100.0%
Mid and West Wales	24.0%	39.0%	37.0%	100.0%
South East Wales	27.1%	26.5%	46.4%	100.0%
Regional Unit unknown	58.3%	16.7%	25.0%	100.0%
Total	28.6%	31.8%	39.5%	100.0%

#### 6. Sexual identity(Q9)

% within Wales NPHS regional Unit

	Sexual identity (Q9)				Total
	Gay	Bisexual	I don't usually use a term	Any other term	
North Wales	82.2%	6.7%	11.1%		100.0%
Mid and West Wales	84.3%	9.8%	5.2%	.7%	100.0%
South East Wales	86.2%	7.8%	5.4%	.6%	100.0%
Regional Unit unknown	66.7%	33.3%			100.0%
Total	84.4%	9.3%	5.8%	.5%	100.0%

#### 7. Trans male status (Q1)

% within Wales NPHS regional Unit

	Trans male status (Q1)		Total
	No	Yes	
North Wales	95.3%	4.7%	100.0%
Mid and West Wales	96.7%	3.3%	100.0%
South East Wales	98.8%	1.2%	100.0%
Regional Unit unknown	91.7%	8.3%	100.0%
Total	97.3%	2.7%	100.0%

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

% within Wales NPHS regional Unit

	Gender of sexual partners in the last year (Q23)			Total
	No one	Men only	Both men and women	
North Wales	6.7%	88.9%	4.4%	100.0%
Mid and West Wales	7.1%	88.3%	4.5%	100.0%
South East Wales	8.9%	84.5%	6.5%	100.0%
Regional Unit unknown	16.7%	66.7%	16.7%	100.0%
Total	8.2%	86.0%	5.8%	100.0%

## 9. Marriage / Civil partnership status (Q16)

% within Wales NPHS regional Unit

	Marriage / Civil partnership status (Q16)			Total
	In a civil partnership with a man	In a marriage with a woman	Neither of these	
North Wales	6.7%	2.2%	91.1%	100.0%
Mid and West Wales	5.8%	1.9%	92.2%	100.0%
South East Wales	7.7%	1.2%	91.1%	100.0%
Regional Unit unknown		20.0%	80.0%	100.0%
Total	6.6%	2.1%	91.2%	100.0%

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

% within Wales NPHS regional Unit

	Sero-discordancy with male regular partner (Q11 & Q13)				Total
	single	concordant regular	unknown regular	discordant regular	
North Wales	52.3%	31.8%	9.1%	6.8%	100.0%
Mid and West Wales	50.0%	29.9%	13.6%	6.5%	100.0%
South East Wales	52.4%	33.1%	10.2%	4.2%	100.0%
Regional Unit unknown	58.3%	8.3%	33.3%		100.0%
Total	51.6%	30.9%	12.2%	5.3%	100.0%

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

Sexuality disclosure (outness) score average (Q10)

Wales NPHS regional Unit	Median	Mean	Minimum	Maximum	Std. Deviation
North Wales	12.0000	9.4773	.00	12.00	3.93250
Mid and West Wales	11.0000	8.6133	.00	12.00	4.45075
South East Wales	12.0000	9.1595	.00	12.00	4.00914
Regional Unit unknown	12.0000	10.2222	.00	12.00	4.05518
Total	12.0000	9.0000	.00	12.00	4.18805

## 12. Living arrangements (Q14)

% within Wales NPHS regional Unit

	Living arrangements (Q14)			Total
	Live alone	Live with male partner	Live with others (not male partner)	
North Wales	26.7%	31.1%	42.2%	100.0%
Mid and West Wales	24.0%	27.9%	48.1%	100.0%
South East Wales	43.8%	25.4%	30.8%	100.0%
Regional Unit unknown	45.5%	9.1%	45.5%	100.0%
Total	33.8%	26.6%	39.6%	100.0%

## HIV INFECTION (AND TESTING INTERVENTION PERFORMANCE)

### 13. HIV testing history (Q17 & Q18)

% within Wales NPHS regional Unit

	HIV test history (Q17 & Q18)				Total
	Never tested	Tested negative in last year	Tested negative over a year ago	Tested positive	
North Wales	40.9%	31.8%	15.9%	11.4%	100.0%
Mid and West Wales	47.4%	29.2%	13.0%	10.4%	100.0%
South East Wales	35.1%	34.5%	20.2%	10.1%	100.0%
Regional Unit unknown	58.3%	41.7%			100.0%
Total	41.5%	32.3%	16.1%	10.1%	100.0%

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

% within Wales NPHS regional Unit

	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	
North Wales	7.1%		11.9%	31.0%	50.0%	100.0%
Mid and West Wales	2.1%	2.1%	15.6%	24.1%	56.0%	100.0%
South East Wales		1.3%	11.8%	31.6%	55.3%	100.0%
Regional Unit unknown			40.0%		60.0%	100.0%
Total	1.7%	1.4%	14.2%	27.5%	55.1%	100.0%

## RISK BEHAVIOURS

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

% within Wales NPHS regional Unit

	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	
North Wales	6.8%	20.5%	45.5%	20.5%	6.8%		100.0%
Mid and West Wales	7.1%	20.8%	31.8%	22.1%	9.7%	8.4%	100.0%
South East Wales	9.0%	19.9%	29.5%	22.9%	10.2%	8.4%	100.0%
Regional Unit unknown	16.7%	25.0%	25.0%	16.7%	16.7%		100.0%
Total	8.2%	20.5%	32.2%	22.1%	9.8%	7.2%	100.0%

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

% within Wales NPHS regional Unit

	Number of male unprotected anal intercourse partners amongst homosexually active men (Q26 & Q23)					Total
	none	one	two	three or four	five or more	
North Wales	41.5%	39.0%	12.2%	4.9%	2.4%	100.0%
Mid and West Wales	35.9%	40.8%	6.3%	7.0%	9.9%	100.0%
South East Wales	41.7%	33.1%	7.9%	10.6%	6.6%	100.0%
Regional Unit unknown	60.0%	20.0%		20.0%		100.0%
Total	39.8%	36.6%	7.6%	8.7%	7.3%	100.0%

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

% within Wales NPHS regional Unit

	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	
North Wales	63.6%	22.7%	11.4%		2.3%	100.0%
Mid and West Wales	49.3%	27.6%	10.5%	7.2%	5.3%	100.0%
South East Wales	53.7%	15.2%	11.0%	8.5%	11.6%	100.0%
Regional Unit unknown	70.0%	10.0%		10.0%	10.0%	100.0%
Total	53.5%	21.1%	10.5%	7.0%	7.8%	100.0%

### 18. Use of anabolic steroids (Q49)

% within Wales NPHS regional Unit

	Use of anabolic steroids (Q49)				Total
	Yes, I've taken them in the last month	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	
North Wales			2.2%	97.8%	100.0%
Mid and West Wales	2.6%	.7%	.7%	96.1%	100.0%
South East Wales	2.4%	.6%	1.2%	95.8%	100.0%
Regional Unit unknown				100.0%	100.0%
Total	2.1%	.5%	1.1%	96.3%	100.0%



## PREVENTION NEEDS

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

% within Wales NPHS regional Unit

	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	
North Wales	46.2%	51.3%		2.6%	100.0%
Mid and West Wales	57.8%	38.5%	2.2%	1.5%	100.0%
South East Wales	56.5%	37.4%	2.7%	3.4%	100.0%
Regional Unit unknown	75.0%	12.5%	12.5%		100.0%
Total	56.2%	38.9%	2.4%	2.4%	100.0%

### 20. Knowledge that poppers increase transmission probability (Q48)

% within Wales NPHS regional Unit

	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	
North Wales	28.9%	51.1%	17.8%	2.2%	100.0%
Mid and West Wales	38.6%	44.4%	10.5%	6.5%	100.0%
South East Wales	40.2%	38.4%	14.6%	6.7%	100.0%
Regional Unit unknown	45.5%	27.3%	18.2%	9.1%	100.0%
Total	38.3%	42.1%	13.4%	6.2%	100.0%

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

% within Wales NPHS regional Unit

	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	
North Wales	73.3%	15.6%	11.1%		100.0%
Mid and West Wales	81.1%	12.8%	3.4%	2.7%	100.0%
South East Wales	79.6%	9.9%	8.0%	2.5%	100.0%
Regional Unit unknown	77.8%	11.1%	11.1%		100.0%
Total	79.4%	11.8%	6.6%	2.2%	100.0%

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

% within Wales NPHS regional Unit

	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	
North Wales	35.6%	53.3%	11.1%		100.0%
Mid and West Wales	56.5%	30.6%	10.2%	2.7%	100.0%
South East Wales	56.8%	29.6%	11.1%	2.5%	100.0%
Regional Unit unknown	77.8%		22.2%		100.0%
Total	54.5%	32.2%	11.0%	2.2%	100.0%

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

% within Wales NPHS regional Unit

	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	
North Wales	46.7%	37.8%	15.6%		100.0%
Mid and West Wales	50.7%	39.9%	6.8%	2.7%	100.0%
South East Wales	49.4%	33.3%	15.4%	1.9%	100.0%
Regional Unit unknown	88.9%		11.1%		100.0%
Total	50.5%	35.7%	11.8%	1.9%	100.0%

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

% within Wales NPHS regional Unit

	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	
North Wales	40.9%	38.6%	20.5%		100.0%
Mid and West Wales	52.0%	35.8%	8.1%	4.1%	100.0%
South East Wales	47.5%	33.3%	16.0%	3.1%	100.0%
Regional Unit unknown	88.9%		11.1%		100.0%
Total	49.6%	34.2%	13.2%	3.0%	100.0%

END