

# Vital Statistics 2003

## The Gay Men's Sex Survey

Area Sub-samples Data Report (March 2004)

### WEST YORKSHIRE STRATEGIC HEALTH AUTHORITY

The *Gay Men's Sex Survey* 2003 was conducted by Sigma Research in collaboration with health promoters throughout Britain and Ireland. This report supplements and is a precursor to the annual report due for distribution in July 2004 (down-loadable from <http://www.sigmaresearch.org.uk>). 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. There is one data report for each of the Strategic Health Authorities in England, except the five SHAs in London which are reported together. In each report men are usually grouped according to their local authority of residence. The reports indicate where this is not the case.

#### *The data*

The survey used two data collection methods over the summer of 2003:

- (1) A self-sealing, Freepost addressed booklet distributed by 124 British health promotion and gay agencies;
- (3) on a specific website <<http://www.sigmasurvey.org.uk>>, promoted via links on 35 gay and HIV related websites).

To be included in this sample respondents must:

- be male
- be aged 14 or over.
- be living in England.
- have had sex with a man in the last year and / or expect to have sex with a man in the future.
- 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 Local Authority (LA) appear as a line in the tables. The bottom line of each table gives the result for the entire area being considered. The first table shows the number of men recruited to the survey living in each LA and the size of the sub-samples in the rest of the tables. LAs with fewer than 20 men are not reported 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 the table of Age Averages (table3).

#### *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/downloads/survey13.pdf>

#### *Funding*

In Scotland this research was funded by *Healthy Gay Scotland*, a Scottish Executive funded HIV prevention initiative. In Northern Ireland by the Rainbow Project. In England and Wales, by Terrence Higgins Trust as part of CHAPS, a national HIV prevention initiative funded by the English Department of Health and Welsh Assembly.



## **SAMPLE DESCRIPTION**

- 1a. Local Authority of residence
- 1b. Recruitment sample sizes
2. Age groups; Q1 grouped into ten year age bands.
3. Age averages; from Q1 the age of the youngest and oldest man, their median age (line them up by size and pick the one in the middle), mean age (add them up and divide by how many there are), and a measure of how spread out along the range they are (the standard deviation).
4. Ethnicity; Q2.
5. Formal education; from Q3, low is educated to O-levels/CSEs/GCSE or equivalent; high is educated to degree level; medium includes A-levels, diplomas and professional qualifications.
6. Annual income; Q9.
7. Perceived financial management ; Q12.
8. HIV testing history; Q16.
9. GP registration; Q32.
10. Awareness by GP staff of sex with men (those who are registered with a GP); Q33.

## **SOCIO-SEXUAL CONTEXT**

11. Gender of sexual partner in the last year; Q20.
12. Number of male sexual partners in the last year; Q22 (those who had sex with men).
13. HIV concordancy of regular relationship; Q13 & Q15.

## **SEXUAL RISK BEHAVIOURS**

14. Number of partners with whom had receptive unprotected anal intercourse (RUAI), in the last year (those who had male partners); Q23.
15. Likelihood of having RUAI with a man with a different HIV status (among those who had RUAI in the last year); Q24.
16. Number of partners with whom had insertive unprotected anal intercourse (IUAI), in the last year (those who had male partners); Q25.
17. Likelihood of having IUAI with a man with a different HIV status (among those who had IUAI in the last year); Q26.

## **UNMET HIV PREVENTION NEEDS**

18. Sexual Assault in the last 12 months; Q27.
19. Difficulty getting hold of condoms; Q28.
20. Difficulty getting hold of water based lube; Q28.

## **CONDOM SOURCES**

- Experience of getting condoms in the previous 12 months; Q29
21. Bought condoms
22. Got condoms free
23. Sexual partners usually had condoms
24. Friends usually gave condoms

## **HIV KNOWLEDGE**

25. Know that "An HIV negative man is more likely to pick up HIV by getting fucked by an HIV positive man than by fucking him."; Q31.
26. Know that "When fucking an HIV negative man without a condom, an HIV positive man is more likely to pass on HIV infection if either of them already has another sexually transmitted infection"; Q31.
27. Know that "Men can have HIV without knowing it"; Q31.
28. Know that "When fucking an HIV negative man without a condom, an HIV positive man is more likely to pass on HIV infection if he ejaculates (cums) in his partner"; Q31.
29. Know that "Condoms are less likely to break if you use a water-based lubricant"; Q31.
30. "An HIV positive man who has undetectable viral load (in his blood) can still pass on HIV"; Q31.

## **POST EXPOSURE PROPHYLAXIS**

31. Heard of Post Exposure Prophylaxis (PEP); Q45.
32. Tried to get PEP; Q46.
33. Ever taken PEP; Q47.
34. Know anyone who received PEP; Q48.
35. "If you thought you had been exposed to HIV would you consider trying to get PEP?" (those not tested HIV positive); Q49.

# VITAL STATISTICS 2003

## The Gay Men's Sex Survey

### West Yorkshire Strategic Health Authority Subsamples data report

#### Sample description

Males living in West Yorkshire SHA  
who had sex with a man in the last year or expect to in the future.

##### 1a. Local Authority of residence

	Frequency	Percent	Valid Percent	Cumulative Percent
LA not known	9	1.7	1.7	1.7
Calderdale	32	6.2	6.2	7.9
Wakefield	63	12.2	12.2	20.1
Kirklees	65	12.6	12.6	32.7
Bradford	85	16.4	16.4	49.1
Leeds	263	50.9	50.9	100.0
Total	517	100.0	100.0	

##### 1b. Recruitment sample sizes

% within Local authority of residence

	distribution method		Total
	web	booklet	
Bradford	50.6%	49.4%	100.0%
Calderdale	68.8%	31.3%	100.0%
Kirklees	56.9%	43.1%	100.0%
Leeds	41.8%	58.2%	100.0%
Wakefield	66.7%	33.3%	100.0%
Total	50.0%	50.0%	100.0%

##### 2. Age groups

% within Local authority of residence

	Age					Total
	<20	20s	30s	40s	50+	
Bradford	8.1%	24.3%	18.9%	32.4%	16.2%	100.0%
Calderdale	8.0%	28.0%	28.0%	32.0%	4.0%	100.0%
Kirklees	8.8%	38.6%	19.3%	19.3%	14.0%	100.0%
Leeds	10.3%	36.0%	32.6%	15.7%	5.4%	100.0%
Wakefield	8.8%	33.3%	35.1%	19.3%	3.5%	100.0%
Total	9.5%	33.6%	28.8%	20.2%	7.9%	100.0%

### 3. Age averages

demog age

Local authority of residence	Median	Minimum	Maximum	Mean	Std. Deviation
Bradford	38.50	16	67	37.36	12.486
Calderdale	34.00	18	56	33.92	9.954
Kirklees	30.00	18	71	33.81	12.903
Leeds	31.00	16	69	31.66	10.645
Wakefield	32.00	17	67	32.39	10.854
Total	32.00	16	71	33.07	11.391

### 4. Ethnicity

% within Local authority of residence

	Ethnicity				Total
	White	Black	Asian	Mixed and other	
Bradford	97.6%		1.2%	1.2%	100.0%
Calderdale	84.4%		6.3%	9.4%	100.0%
Kirklees	98.5%			1.5%	100.0%
Leeds	95.4%	1.5%	.8%	2.3%	100.0%
Wakefield	98.4%			1.6%	100.0%
Total	95.9%	.8%	1.0%	2.4%	100.0%

### 5. Formal Education

% within Local authority of residence

	Education			Total
	low	medium	high	
Bradford	35.7%	29.8%	34.5%	100.0%
Calderdale	9.4%	53.1%	37.5%	100.0%
Kirklees	31.3%	35.9%	32.8%	100.0%
Leeds	27.8%	31.6%	40.7%	100.0%
Wakefield	30.2%	33.3%	36.5%	100.0%
Total	28.7%	33.4%	37.9%	100.0%

### 6. Annual income

% within Local authority of residence

	Annual income				Total
	less than £10 000	£10 000 - 19999	£20 000 - 29 999	£30 000 and greater	
Bradford	19.5%	26.8%	31.7%	22.0%	100.0%
Calderdale	12.9%	32.3%	35.5%	19.4%	100.0%
Kirklees	26.2%	31.1%	24.6%	18.0%	100.0%
Leeds	19.1%	35.5%	27.1%	18.3%	100.0%
Wakefield	31.7%	28.6%	20.6%	19.0%	100.0%
Total	21.2%	32.5%	27.3%	19.0%	100.0%

## 7. Perceived financial management

% within Local authority of residence

	How are you managing financially?					Total
	Living comfortably	Doing alright	Just about getting by	Finding it quite difficult	Finding it very difficult	
Bradford	30.1%	43.4%	18.1%	6.0%	2.4%	100.0%
Calderdale	22.6%	29.0%	38.7%	3.2%	6.5%	100.0%
Kirklees	32.3%	26.2%	27.7%	7.7%	6.2%	100.0%
Leeds	32.3%	38.5%	19.2%	6.2%	3.8%	100.0%
Wakefield	32.3%	24.2%	27.4%	8.1%	8.1%	100.0%
Total	31.3%	35.3%	22.4%	6.4%	4.6%	100.0%

## 8. HIV testing history

% within Local authority of residence

	HIV testing history			Total
	Tested positive	Last test negative	Never tested	
Bradford	2.4%	46.4%	51.2%	100.0%
Calderdale	9.4%	46.9%	43.8%	100.0%
Kirklees	3.1%	61.5%	35.4%	100.0%
Leeds	3.8%	53.6%	42.5%	100.0%
Wakefield	6.3%	46.0%	47.6%	100.0%
Total	4.2%	52.1%	43.8%	100.0%

## 9. GP registration

% within Local authority of residence

	Registered with a GP		Total
	No	Yes	
Bradford	3.6%	96.4%	100.0%
Calderdale	3.2%	96.8%	100.0%
Kirklees	4.6%	95.4%	100.0%
Leeds	9.2%	90.8%	100.0%
Wakefield	4.8%	95.2%	100.0%
Total	6.8%	93.2%	100.0%

## 10. Awareness by GP staff of sex with men (those who are registered with a GP)

% within Local authority of residence

	GP staff aware of sexuality			Total
	No	Yes	Don't know	
Bradford	53.8%	32.5%	13.8%	100.0%
Calderdale	43.3%	13.3%	43.3%	100.0%
Kirklees	52.5%	32.2%	15.3%	100.0%
Leeds	52.4%	30.0%	17.6%	100.0%
Wakefield	54.4%	24.6%	21.1%	100.0%
Total	52.3%	29.0%	18.7%	100.0%

## Socio-sexual context

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

% within Local authority of residence

	Gender of sexual partners				Total
	no one	women only	men only	both men and women	
Bradford	7.1%	2.4%	81.2%	9.4%	100.0%
Calderdale	3.1%		90.6%	6.3%	100.0%
Kirklees	9.2%	1.5%	86.2%	3.1%	100.0%
Leeds	5.3%	1.1%	84.8%	8.7%	100.0%
Wakefield	4.8%		85.7%	9.5%	100.0%
Total	5.9%	1.2%	84.8%	8.1%	100.0%

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

% within Local authority of residence

	Number of partners					Total
	one	2,3 or 4	5 to 12	13 to 29	30+	
Bradford	28.4%	32.4%	17.6%	10.8%	10.8%	100.0%
Calderdale	6.7%	23.3%	36.7%	13.3%	20.0%	100.0%
Kirklees	30.9%	18.2%	21.8%	20.0%	9.1%	100.0%
Leeds	16.1%	27.8%	33.0%	14.3%	8.7%	100.0%
Wakefield	22.4%	34.5%	22.4%	8.6%	12.1%	100.0%
Total	20.1%	28.0%	28.0%	13.6%	10.3%	100.0%

### 13. HIV concordancy of regular relationship

% within Local authority of residence

	HIV concordancy of regular relationship				Total
	Single	HIV concordant	HIV discordant	Concordancy unknown	
Bradford	58.2%	30.4%	2.5%	8.9%	100.0%
Calderdale	50.0%	28.1%	6.3%	15.6%	100.0%
Kirklees	39.7%	41.3%	1.6%	17.5%	100.0%
Leeds	50.4%	29.5%	2.0%	18.1%	100.0%
Wakefield	46.0%	44.4%	1.6%	7.9%	100.0%
Total	49.7%	33.0%	2.2%	15.1%	100.0%

## Sexual Risk Behaviours [see contents for acronyms]

### 14. Number of RUAI partners in the last year (those who had male partners)

% within Local authority of residence

	Number of RUAI partners				Total
	none	one	two, three or four	5 or more	
Bradford	73.0%	20.3%	5.4%	1.4%	100.0%
Calderdale	53.3%	30.0%	13.3%	3.3%	100.0%
Kirklees	57.4%	27.8%	13.0%	1.9%	100.0%
Leeds	67.0%	18.5%	10.7%	3.9%	100.0%
Wakefield	58.6%	32.8%	5.2%	3.4%	100.0%
Total	64.8%	22.5%	9.6%	3.1%	100.0%

### 15. Likelihood of having RUAI with a man with a different HIV status (among those who had RUAI in the last year)

% within Local authority of residence

	Likelihood of having SdRUAI			Total
	Probably/Definitely have been	I may have, may not have been	Probably/definitely have not been	
Bradford		10.0%	90.0%	100.0%
Calderdale		7.1%	92.9%	100.0%
Kirklees	4.3%	21.7%	73.9%	100.0%
Leeds	9.6%	26.0%	64.4%	100.0%
Wakefield	4.2%	12.5%	83.3%	100.0%
Total	5.8%	19.5%	74.7%	100.0%

### 16. Number of IUAI partners in the last year (those who had male partners)

% within Local authority of residence

	Number of IUAI partners				Total
	none	one	two, three or four	5 or more	
Bradford	71.6%	18.9%	5.4%	4.1%	100.0%
Calderdale	46.7%	23.3%	16.7%	13.3%	100.0%
Kirklees	45.5%	36.4%	12.7%	5.5%	100.0%
Leeds	56.5%	21.6%	17.7%	4.3%	100.0%
Wakefield	58.6%	24.1%	13.8%	3.4%	100.0%
Total	57.2%	23.4%	14.5%	4.9%	100.0%

### 17. Likelihood of having IUAI with a man with a different HIV status (those who had IUAI in the last year)

% within Local authority of residence

	Likelihood of SdIUAI			Total
	Probably/Definitely have been	I may have, may not have been	Probably/definitely have not been	
Bradford		38.1%	61.9%	100.0%
Calderdale	13.3%	6.7%	80.0%	100.0%
Kirklees	13.3%	23.3%	63.3%	100.0%
Leeds	10.3%	27.8%	61.9%	100.0%
Wakefield		8.3%	91.7%	100.0%
Total	8.6%	24.1%	67.4%	100.0%

# Unmet HIV Prevention Needs

## 18. Sexual Assault in the last 12 months

% within Local authority of residence

	Forced to have sex		Total
	No	Yes	
Bradford	92.8%	7.2%	100.0%
Calderdale	93.5%	6.5%	100.0%
Kirklees	98.5%	1.5%	100.0%
Leeds	94.6%	5.4%	100.0%
Wakefield	88.9%	11.1%	100.0%
Total	94.0%	6.0%	100.0%

## 19. " I sometimes have a problem getting hold of condoms"

% within Local authority of residence

	Problem getting hold of condoms			Total
	agree	not sure	disagree	
Bradford	7.1%	3.6%	89.3%	100.0%
Calderdale	9.4%	12.5%	78.1%	100.0%
Kirklees	6.3%		93.8%	100.0%
Leeds	11.5%	3.8%	84.7%	100.0%
Wakefield	11.1%	3.2%	85.7%	100.0%
Total	9.9%	3.8%	86.3%	100.0%

## 20. "Water-based lube is sometimes hard to get hold of"

% within Local authority of residence

	Problem getting hold of water-based lube			Total
	agree	not sure	disagree	
Bradford	15.5%	11.9%	72.6%	100.0%
Calderdale	21.9%	9.4%	68.8%	100.0%
Kirklees	17.2%	4.7%	78.1%	100.0%
Leeds	14.8%	6.1%	79.1%	100.0%
Wakefield	17.5%	4.8%	77.8%	100.0%
Total	16.0%	6.9%	77.1%	100.0%

## Condom Sources

### 21. "I bought them"

% within Local authority of residence

	Where got condoms - bought		Total
	No	Yes	
Bradford	63.9%	36.1%	100.0%
Calderdale	68.8%	31.3%	100.0%
Kirklees	66.2%	33.8%	100.0%
Leeds	67.7%	32.3%	100.0%
Wakefield	63.5%	36.5%	100.0%
Total	66.4%	33.6%	100.0%

### 22. "I got them free"

% within Local authority of residence

	Where got condoms - free		Total
	No	Yes	
Bradford	34.9%	65.1%	100.0%
Calderdale	31.3%	68.8%	100.0%
Kirklees	29.2%	70.8%	100.0%
Leeds	31.9%	68.1%	100.0%
Wakefield	36.5%	63.5%	100.0%
Total	32.6%	67.4%	100.0%

### 23. "My sexual partners usually had them"

% within Local authority of residence

	Where got condoms - partner		Total
	No	Yes	
Bradford	89.2%	10.8%	100.0%
Calderdale	81.3%	18.8%	100.0%
Kirklees	86.2%	13.8%	100.0%
Leeds	82.5%	17.5%	100.0%
Wakefield	81.0%	19.0%	100.0%
Total	83.8%	16.2%	100.0%

### 24. "My friends usually gave them to me"

% within Local authority of residence

	Where got condoms - friends		Total
	No	Yes	
Bradford	97.6%	2.4%	100.0%
Calderdale	87.5%	12.5%	100.0%
Kirklees	98.5%	1.5%	100.0%
Leeds	96.2%	3.8%	100.0%
Wakefield	93.7%	6.3%	100.0%
Total	95.8%	4.2%	100.0%

# HIV Knowledge

## 25. "An HIV negative man is more likely to pick up HIV by getting fucked by an HIV positive man than by fucking him"

% within Local authority of residence

	Knowledge negative RUAI>IUI risk			Total
	I knew this	I wasn't sure	I didn't know this	
Bradford	85.5%	7.2%	7.2%	100.0%
Calderdale	84.4%	9.4%	6.3%	100.0%
Kirklees	81.0%	11.1%	7.9%	100.0%
Leeds	82.0%	9.6%	8.4%	100.0%
Wakefield	80.3%	16.4%	3.3%	100.0%
Total	82.4%	10.2%	7.4%	100.0%

## 26. "When fucking an HIV negative man without a condom, an HIV positive man is more likely to pass on HIV infection if either of them already has another sexually transmitted infection"

% within Local authority of residence

	Knowledge >risk with existing STI			Total
	I knew this	I wasn't sure	I didn't know this	
Bradford	62.7%	22.9%	14.5%	100.0%
Calderdale	53.1%	18.8%	28.1%	100.0%
Kirklees	57.1%	20.6%	22.2%	100.0%
Leeds	66.5%	12.7%	20.8%	100.0%
Wakefield	62.9%	17.7%	19.4%	100.0%
Total	63.4%	16.4%	20.2%	100.0%

## 27. "Men can have HIV without knowing it"

% within Local authority of residence

	Knowledge men can have unknown HIV infection			Total
	I knew this	I wasn't sure	I didn't know this	
Bradford	91.5%	4.9%	3.7%	100.0%
Calderdale	96.9%	3.1%		100.0%
Kirklees	95.2%	3.2%	1.6%	100.0%
Leeds	93.8%	4.6%	1.5%	100.0%
Wakefield	95.2%	3.2%	1.6%	100.0%
Total	94.0%	4.2%	1.8%	100.0%

## 28. "When fucking an HIV negative man without a condom, an HIV positive man is more likely to pass on HIV infection if he ejaculates (cums) in his partner"

% within Local authority of residence

	Knowledge >risk if IUAIO			Total
	I knew this	I wasn't sure	I didn't know this	
Bradford	91.6%	6.0%	2.4%	100.0%
Calderdale	93.8%	6.3%		100.0%
Kirklees	88.9%	9.5%	1.6%	100.0%
Leeds	90.0%	7.3%	2.7%	100.0%
Wakefield	96.7%	1.6%	1.6%	100.0%
Total	91.2%	6.6%	2.2%	100.0%

**29. "Condoms are less likely to break if you use a water-based lubricant"**

% within Local authority of residence

	Knowledge condombreakage < water lube			Total
	I knew this	I wasn't sure	I didn't know this	
Bradford	85.5%	8.4%	6.0%	100.0%
Calderdale	96.9%	3.1%		100.0%
Kirklees	80.6%	9.7%	9.7%	100.0%
Leeds	90.4%	5.0%	4.6%	100.0%
Wakefield	88.7%	6.5%	4.8%	100.0%
Total	88.6%	6.2%	5.2%	100.0%

**30. "An HIV positive man who has undetectable viral load (in his blood) can still pass on HIV"**

% within Local authority of residence

	Knowledge transmission possible with undetectable viral load			Total
	I knew this	I wasn't sure	I didn't know this	
Bradford	61.4%	24.1%	14.5%	100.0%
Calderdale	59.4%	18.8%	21.9%	100.0%
Kirklees	51.6%	23.4%	25.0%	100.0%
Leeds	69.6%	17.7%	12.7%	100.0%
Wakefield	67.7%	19.4%	12.9%	100.0%
Total	65.1%	19.8%	15.2%	100.0%

## Post Exposure Prophylaxis

**31. Heard of Post Exposure Prophylaxis (PEP)**

% within Local authority of residence

	Health and Prevention tech - Heard PEP		Total
	No	Yes	
Bradford	81.5%	18.5%	100.0%
Calderdale	80.6%	19.4%	100.0%
Kirklees	76.9%	23.1%	100.0%
Leeds	80.0%	20.0%	100.0%
Wakefield	83.6%	16.4%	100.0%
Total	80.3%	19.7%	100.0%

**32. Tried to get PEP**

% within Local authority of residence

	Health and Prevention tech - tried to get PEP		Total
	No	Yes	
Bradford	97.5%	2.5%	100.0%
Calderdale	100.0%		100.0%
Kirklees	96.9%	3.1%	100.0%
Leeds	99.2%	.8%	100.0%
Wakefield	100.0%		100.0%
Total	98.8%	1.2%	100.0%

### 33. Ever taken PEP

% within Local authority of residence

	Health and Prevention tech - ever taken PEP		Total
	No	Yes	
Bradford	100.0%		100.0%
Calderdale	100.0%		100.0%
Kirklees	96.9%	3.1%	100.0%
Leeds	99.6%	.4%	100.0%
Wakefield	100.0%		100.0%
Total	99.4%	.6%	100.0%

### 34. Know anyone who received PEP

% within Local authority of residence

	Health and Prevention tech - know anyone got PEP		Total
	No	Yes	
Bradford	96.3%	3.7%	100.0%
Calderdale	87.1%	12.9%	100.0%
Kirklees	96.9%	3.1%	100.0%
Leeds	94.5%	5.5%	100.0%
Wakefield	96.7%	3.3%	100.0%
Total	94.9%	5.1%	100.0%

### 35. Consideration of getting PEP if exposed to HIV (those not tested HIV positive)

% within Local authority of residence

	Health and Prevention tech - would you try to get PEP			Total
	No	Yes	Maybe	
Local authority of residence				
Bradford	1.3%	74.7%	24.0%	100.0%
Calderdale	3.7%	59.3%	37.0%	100.0%
Kirklees	1.6%	72.1%	26.2%	100.0%
Leeds	5.4%	70.8%	23.8%	100.0%
Wakefield		75.4%	24.6%	100.0%
Total	3.5%	71.5%	25.0%	100.0%

**[Report ends]**