



City Research Online

City, University of London Institutional Repository

Citation: Rice, B. D., Delpech, V. C., Chadborn, T. R. & Elford, J. (2011). Loss to Follow-Up Among Adults Attending Human Immunodeficiency Virus Services in England, Wales, and Northern Ireland. *Sexually Transmitted Diseases*, 38(8), pp. 685-690. doi: 10.1097/olq.0b013e318214b92e

This is the unspecified version of the paper.

This version of the publication may differ from the final published version.

Permanent repository link: <https://openaccess.city.ac.uk/id/eprint/3385/>

Link to published version: <https://doi.org/10.1097/olq.0b013e318214b92e>

Copyright: City Research Online aims to make research outputs of City, University of London available to a wider audience. Copyright and Moral Rights remain with the author(s) and/or copyright holders. URLs from City Research Online may be freely distributed and linked to.

Reuse: Copies of full items can be used for personal research or study, educational, or not-for-profit purposes without prior permission or charge. Provided that the authors, title and full bibliographic details are credited, a hyperlink and/or URL is given for the original metadata page and the content is not changed in any way.

City Research Online:

<http://openaccess.city.ac.uk/>

publications@city.ac.uk

Table 1. HIV-service attendance 1998-2006

	Year of HIV-service attendance																		Average across all years (%)
	1998		1999		2000		2001		2002		2003		2004		2005		2006		
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
Number of adults attending HIV-services in that year	16126	100.0	18146	100.0	20549	100.0	23903	100.0	28489	100.0	33392	100.0	38253	100.0	43318	100.0	48103	100.0	-
Number (%) of adults who attended HIV services the next year	13983	86.7	16014	88.3	18344	89.3	21439	89.7	25433	89.3	30161	90.3	34885	91.2	39691	91.6	44207	91.9	89.8
Number (%) of adults who did not attend HIV services the next year, but did so the year after that	368	2.3	388	2.1	410	2.0	548	2.3	650	2.3	652	2.0	739	1.9	753	1.7	-	-	2.1
Number (%) of adults who did not attend HIV services for the next two years but did so at some time after that	297	1.8	275	1.5	285	1.4	286	1.2	344	1.2	295	0.9	217	0.6	-	-	-	-	1.2
Number (%) of adults who died in a given year	466	2.9	457	2.5	423	2.1	427	1.8	437	1.5	493	1.5	383	1.0	439	1.0	340	0.7	1.7
Number (%) of adults who were not reported to SOPHID again during the study period	1012	6.3	1012	5.6	1087	5.3	1203	5.0	1625	5.7	1791	5.4	2029	5.3	2435	5.6	3556	7.4	5.7
<i>Adults not reported to SOPHID again during the study period</i>																			
Number (%) of adults not reported to SOPHID again during the study period who may attend HIV services after 2007	0	0	0	0	41	0.2	72	0.3	114	0.4	200	0.6	383	1.0	693	1.6	1780	3.7	0.9
Number (%) of adults lost to follow-up in a given year (final estimate)	1012	6.3	1012	5.6	1046	5.1	1131	4.7	1511	5.3	1591	4.8	1646	4.3	1742	4.0	1776	3.7	4.9

All percentages are based on the annual number of adults attending HIV- services (top row of table)

Table 2. Factors associated with loss to follow-up

		Year the patient was lost to follow-up					
		2002		2004		2006	
		Ratio ⁶	95% CI	Ratio ⁶	95% CI	Ratio ⁶	95% CI
Probable route of infection¹	Sex between men ³	1.0		1.0	-	1.0	-
	Injecting drug users	2.3	(1.8, 3.0)	1.8	(1.4, 2.4)	2.4	(2.0, 2.9)
	Sex between men & women	2.5	(2.3, 2.8)	2.4	(2.1, 2.6)	2.1	(1.9, 2.2)
	Other ⁴	4.7	(3.7, 5.9)	3.0	(2.3, 3.9)	2.0	(1.6, 2.5)
Ethnicity¹	White ³	1.0	-	1.0	-	1.0	-
	Black-African	2.5	(2.2, 2.7)	2.4	(2.1, 2.6)	2.1	(2.0, 2.3)
	Other ⁵	1.7	(1.4, 2.0)	1.0	(0.9, 1.2)	0.8	(0.6, 0.9)
Sex¹	Male ³	1.0	-	1.0	-	1.0	-
	Female	1.7	(1.6, 1.9)	1.5	(1.4, 1.6)	1.5	(1.4, 1.5)
Age group¹	15-24	3.2	(2.7, 3.7)	2.7	(2.3, 3.1)	2.3	(2.0, 2.5)
	25-34	1.4	(1.3, 1.6)	1.8	(1.7, 2.0)	1.7	(1.6, 1.8)
	35-44 ³	1.0	-	1.0	-	1.0	-
	45+	0.9	(0.8, 1.1)	1.0	(0.9, 1.1)	0.7	(0.7, 0.8)
ART at year of last report¹	On ART ³	1.0	-	1.0	-	1.0	-
	Not on ART	4.9	(4.5, 5.5)	5.3	(4.8, 5.7)	3.9	(3.6, 4.2)
Year of diagnosis²	2001 or before ³	1.0	-	1.0	-	1.0	-
	2002	2.9	(2.6, 3.3)	2.0	(1.7, 2.4)	1.5	(1.3, 1.7)
	2003	-	-	2.9	(2.5, 3.3)	1.7	(1.5, 2.0)
	2004	-	-	3.7	(3.2, 4.1)	1.9	(1.7, 2.2)
	2005	-	-	-	-	2.5	(2.2, 2.8)
	2006	-	-	-	-	3.5	(3.1, 3.8)
Probable world region of infection²	Africa ³	1.0	-	1.0	-	1.0	-
	UK	0.3	(0.3, 0.4)	0.4	(0.3, 0.4)	0.5	(0.5, 0.6)
	Europe (not UK)	1.0	(0.7, 1.3)	0.9	(0.7, 1.2)	0.8	(0.7, 1.0)
	Elsewhere	1.2	(1.0, 1.5)	0.9	(0.8, 1.1)	0.8	(0.7, 0.9)

1 Based on the following number of SOPHID records: 2002 1,625; 2004 2,029; 2006 3,556

2 Based on the following number of SOPHID records: 2002 943; 2004 1,522; 2006 2,841

3 Reference group

4 Includes mother-to child transmission and blood or blood products recipients

5 Includes black-Caribbean, black-other, black-unspecified, Indian, Pakistani, Bangladeshi, other, mixed, Oriental

6 Ratio of percentages: the percentage of adults lost to follow up in that category divided by the percentage lost to follow up in the reference category. For example, the female ratio of 1.7 equals the percentage of women lost to follow up in 2002 divided by the percentage of men lost to follow up in 2002