

North West London



New HIV Diagnoses to end of June 2011

HIV/STI Department
Health Protection Agency

in collaboration with

Health Protection Scotland

and the

UCL Institute of Child Health

Diagnoses to end of June 2011
Data received by 15th July 2011

No. 1:2011

SHA-Level HIV/AIDS DIAGNOSES TABLES

Data Security and Confidentiality

To ensure the highest level of data security and confidentiality, data forwarded to the Health Protection Agency does not contain patient names. All surnames are replaced with a soundex code at the reporting clinic or laboratory. The soundex code is a simple coding of names to their initial letter and three digits - no code is unique to a single surname, but their use allows the recognition of records relating to the same individual. A program to generate these is available on the document gateway. Data are submitted via the secure Internet Document Gateway or in a sealed confidential envelope. Collated data files are always stored in a secure location and access is on a need-to-know basis

A generic leaflet explaining why and how the HPA collects data on infectious disease and how information about individuals is used whilst maintaining confidentiality is available at:

http://www.hpa.org.uk/servlet/ContentServer?c=HPAweb_C&cid=1194947352367&pagename=HPAwebFile or you can request copies from caldicott@hpa.org.uk

These tables are updated every six months and made available on the Health Protection Agency (HPA) web site at: <http://www.hpa.org.uk/web/HPAweb&Page&HPAwebAutoListName/Page/1201094588891>

Slides with explanatory notes summarising the HIV epidemic in the UK are available at the same web address.

Commentary on national diagnoses tables is published in the **Health Protection Report (HPR)** available on the HPA web site at: <http://www.hpa.org.uk/hpr/>

Data Sources

HIV (and AIDS) is not a statutorily notifiable disease; information is completed using the following voluntary sources:

- i) Laboratory and clinician reports (the latter introduced in 2000) of newly identified HIV antibody positive individuals and AIDS cases (clinician only) reported to the HIV & STI department, Health Protection Agency (HPA) and to Health Protection Scotland.
- ii) Paediatric data compiled at the University College London (UCL) Institute of Child Health (Tel: 020-7829-8686) in collaboration with the HPA and Health Protection Scotland, and from follow-up of monthly notifications to the British Paediatric Surveillance Unit of the Royal College of Paediatrics and Child Health, and the National Study of HIV in Pregnancy at the Royal College of Obstetricians and Gynaecologists.

In each surveillance centre, records of HIV diagnosis, AIDS and death which are regarded as relating to the same individual are merged to form a single record. Cumulative data from these sources are amalgamated at the end of each six month period to produce the current UK data set of reported HIV infected individuals. These data inevitably include reports of some individuals who have subsequently left the UK. They may include some whose various records because of, for instance, transcription errors or missing information were not recognised as being related.

Subtracting reported deaths from the total of reported diagnosed HIV infected individuals cannot, therefore, be regarded as providing a good estimate of the current prevalence of diagnosed HIV infection in the UK.

For information about prevalence of diagnosed and undiagnosed HIV infections consult the tables relating to the Survey of Prevalent HIV Infections Diagnosed (SOPHID) and the report of the Unlinked Anonymous HIV Surveillance Program (Department Of Health Report), both available through the HPA web site at <http://www.hpa.org.uk/web/HPAweb/MainFrontPage>

Definitions used

HIV infected individual: an individual for whom HIV diagnosis and/or AIDS, and/or death with HIV infection has been reported.

AIDS case: The European AIDS case definition is based on the presence of one or more clinical AIDS defining illnesses. It is not based on a CD4 cell count of less than 200.

Death in an HIV infected individual without reported AIDS: these include AIDS and non AIDS related deaths.

Date of HIV diagnosis: This is taken to be the date of the first HIV defining event for an individual in the UK, for example, a laboratory report of HIV infection or a diagnosis of AIDS. Tables summarising events over time are produced using the **date of HIV diagnosis** (and not the date of report). This means that numbers, particularly for recent years, will rise as a result of receiving further reports.

Reports of death

Clinicians are asked to report the death of any HIV infected patient when it occurs. This source of information is supplemented by the Office for National Statistics (ONS) reporting all deaths which record AIDS or HIV among the causes of death, and by a computerised search of ONS records, with names replaced by their "Soundex" codes, of those who have died when aged less than 60. Periodically clinicians have been asked to provide up-to-date information on the vital status of all patients reported as AIDS cases who are not known to have died.

Geographical coverage

In addition to United Kingdom data, the HPA receives reports from the Channel Islands and Isle of Man. England is subdivided on the basis of the NHS boundaries (July 2006).

Interpreting apparent trends over time

Apparent trends over time in these reports must be interpreted with care, as each data source is subject to reporting delay which varies over time. Furthermore, the diagnosis of infection in an asymptomatic person depends upon risk recognition, willingness to have an HIV test and test accessibility.

European and global HIV data

Information relating to the HIV epidemic in Europe is available from the European Centre for Disease Prevention and Control (ECDC), e-mail info@ecdc.europa.eu.
<http://www.ecdc.europa.eu>

Information relating to the world situation is available from the United Nations programme on HIV/AIDS (UNAIDS), e-mail rtdata@unaids.org
<http://www.unaids.org/>.

Citation

For citation purposes the following is suggested;

Health Protection Agency. New HIV Diagnoses data to end June 2011. Tables No. 1:2011.

Contacts

Enquiries regarding the tables should be directed to the staff of the HIV & STI department at the HPA, 020-8200-6868 ext 7455 or to Health Protection Scotland 0141-300-1100 or email harsqueries@hpa.org.uk For additional paediatric tables please visit: <http://www.nshpc.ucl.ac.uk/>.

07TH March 2011

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New HIV diagnoses in North West London

New HIV & AIDS diagnoses & deaths among HIV infected persons, by year of diagnosis or death and sex

Data to the end of June 2011

Report type and sex	1995 or earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total ¹	
HIV diagnoses	Men	7,496	538	550	485	419	453	549	562	620	685	712	679	755	714	745	723	400	17,085
	Women	747	120	135	122	164	213	244	301	268	261	255	193	180	172	170	158	65	3,768
Total ¹		8,255	658	685	608	584	666	793	863	888	946	967	872	935	886	915	881	465	20,867
First AIDS diagnoses	Men	3,974	268	219	134	100	78	59	54	40	39	38	39	33	39	59	44	11	5,228
	Women	244	37	26	29	26	32	30	36	39	25	20	20	22	15	13	21	2	637
Total		4,218	305	245	163	126	110	89	90	79	64	58	59	55	54	72	65	13	5,865
Deaths ²	Men	3,005	313	118	80	57	49	42	50	45	33	57	30	42	42	41	46	11	4,061
	Women	143	22	17	12	15	11	16	7	21	14	8	8	19	9	12	13	4	351
Total		3,148	335	135	92	72	60	58	57	66	47	65	38	61	51	53	59	15	4,412

Will include some records of the same individuals which are unmatchable because of differences in the information supplied.
Numbers will rise as further reports are received, particularly for recent years.

¹ Includes 14 HIV reports of individuals with sex not stated.

² Includes all deaths in HIV diagnosed individuals.

New HIV diagnoses in North West London

By year of diagnosis, probable exposure category and sex

Data to the end of June 2011

Probable exposure category	1995 or earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total
Sex between men¹	6,491	441	433	366	294	302	377	385	434	498	538	520	572	444	451	548	328	13,422
Heterosexual contact																		
Men	417	62	76	92	95	115	144	153	161	146	150	120	137	115	123	90	38	2,234
Women	500	94	111	107	143	194	234	277	245	238	236	175	158	141	135	130	52	3,170
Sub total²	917	156	187	200	238	309	378	430	406	384	386	295	295	256	258	220	90	5,405
Injecting drug use																		
Men	345	18	26	13	13	18	14	15	3	16	10	16	10	12	3	7	4	543
Women	162	18	13	4	7	6	5	4	2	4	3	4	6	4	3	0	3	248
Sub total	507	36	39	17	20	24	19	19	5	20	13	20	16	16	6	7	7	791
Mother to infant ³																		
Boys/Men	38	5	7	8	11	12	9	5	11	9	5	5	6	4	5	0	0	140
Girls/Women	37	4	9	7	10	10	4	11	15	12	10	8	8	7	7	8	0	167
Sub total²	76	9	16	15	21	22	13	16	26	21	15	13	14	11	12	8	0	308
Recipient of blood/ tissue products ⁴																		
Men	57	3	5	0	2	3	2	1	4	4	0	2	2	1	1	1	1	89
Women	31	2	1	1	4	2	0	5	2	2	1	2	1	0	1	2	0	57
Sub total	88	5	6	1	6	5	2	6	6	6	1	4	3	1	2	3	1	146
Other																		
Men	0	1	2	0	2	0	0	0	0	1	0	0	2	0	3	2	0	13
Women	1	0	0	0	0	1	0	1	0	2	0	0	3	0	0	4	0	12
Sub total	1	1	2	0	2	1	0	1	0	3	0	0	5	0	3	6	0	25
Not reported																		
Men	148	8	1	6	2	3	3	3	7	11	9	16	26	138	159	75	29	644
Women	16	2	1	3	0	0	1	3	4	3	5	4	4	20	24	14	10	114
Sub total²	175	10	2	9	3	3	4	6	11	14	14	20	30	158	183	89	39	770
Total²	8,255	658	685	608	584	666	793	863	888	946	967	872	935	886	915	881	465	20,867

Will include some records of the same individuals which are unmatchable because of differences in the information supplied.
Numbers will rise as further reports are received, particularly for recent years.

¹ Includes 265 men who also reported injecting drug use.

² Includes individuals with sex not reported (14 in total, the majority of which are in earlier years)

³ Includes individuals born outside but diagnosed in the United Kingdom (see Tables 12 and 13 for UK-born children).

⁴ All infections diagnosed since 2002 were acquired outside of the UK.

New HIV diagnoses in North West London
By year of diagnosis, probable exposure category, world region of infection and partner exposure
Data to the end of June 2011

Exposure	Where acquired	Partner's exposure	1995 and earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total	
Sex between men	UK		1,153	67	87	81	25	67	74	53	68	85	131	242	273	221	140	285	253	3,305	
	Abroad		1,080	42	34	24	13	12	20	26	18	31	42	84	112	86	58	95	39	1,816	
	Not reported		4,258	332	312	261	256	223	283	306	348	382	365	194	187	137	253	168	36	8,301	
	Sub total		6,491	441	433	366	294	302	377	385	434	498	538	520	572	444	451	548	328	13,422	
Heterosexual contact	UK	Sex between men	10	3	0	0	0	0	2	1	2	0	3	1	2	0	2	1	1	28	
		Heterosexual contact ^{1 2}	32	8	15	14	9	20	22	27	39	36	47	55	64	62	56	28	11	545	
		Injecting drug use	10	2	2	1	0	3	3	1	3	3	0	1	2	1	2	0	0	34	
		Other ³	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	3
		Not reported	11	1	2	3	2	6	2	4	5	3	3	3	2	3	4	11	38	19	119
	Sub total		63	14	19	18	11	29	30	33	49	42	53	59	72	67	72	67	31	729	
	Possibly UK ⁴		-	-	-	-	-	-	-	23	37	29	30	22	18	11	14	24	15	223	
	Africa	Sex between men	0	0	0	0	0	0	0	2	1	0	0	0	2	0	2	0	0	0	7
		Heterosexual contact ²	55	19	17	8	15	87	145	164	202	203	190	117	129	75	60	30	10	1,526	
		Injecting drug use	1	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	4
		Other ³	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
		Not reported	562	86	105	131	170	139	155	151	73	46	39	26	26	36	26	27	13	1,811	
	Sub total		618	105	122	140	185	226	303	316	275	249	230	146	155	114	86	57	23	3,350	
Other world region		177	30	40	38	37	48	41	51	43	52	51	42	38	36	50	37	14	825		
Not reported		59	7	6	4	5	6	4	7	2	12	22	26	12	28	36	35	7	278		
Sub total		917	156	187	200	238	309	378	430	406	384	386	295	295	256	258	220	90	5,405		
Injecting drug use	UK		73	4	5	1	2	3	2	1	1	4	4	8	4	5	3	3	3	126	
	Abroad		115	8	8	6	6	4	6	10	1	8	6	7	6	7	1	3	3	205	
	Not reported		319	24	26	10	12	17	11	8	3	8	3	5	6	4	2	1	1	460	
	Sub total		507	36	39	17	20	24	19	19	5	20	13	20	16	16	6	7	7	791	
Other ³		165	15	24	16	29	28	15	23	32	30	16	17	22	12	17	17	1	479		
Not reported		175	10	2	9	3	3	4	6	11	14	14	20	30	158	183	89	39	770		
Total		8,255	658	685	608	584	666	793	863	888	946	967	872	935	886	915	881	465	20,867		

Will include some records of the same individuals which are unmatchable because of differences in the information supplied.
Numbers will rise as further reports are received, particularly for recent years.

¹ Of the 545 heterosexuals infected in the UK from partners who were also heterosexually infected, 52% (284) of these partners were probably infected in Africa and 16% (87) within Europe (including the UK).

² No evidence of partner(s) with risks other than heterosexual exposure found.

³ Includes individuals infected with HIV through other risk exposures such as blood/ tissue recipient and nosocomial.

⁴ Evidence of sexual contact in UK and Abroad (coded since 2002)

New HIV diagnoses in North West London**By year of diagnosis and age group****Data to the end of June 2011**

Age at diagnosis	1995 or earlier	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total
<15	82	9	17	16	22	22	12	17	25	24	15	11	11	9	9	7	0	308
15-19	108	6	2	7	5	10	13	8	10	15	17	19	19	17	13	15	6	290
20-24	940	51	50	38	38	46	58	64	67	66	92	93	79	86	82	85	49	1,984
25-29	1,904	148	141	123	106	136	149	170	140	182	189	149	190	174	157	171	101	4,330
30-34	1,770	172	185	157	154	175	203	198	220	182	210	211	190	185	172	157	90	4,631
35-39	1,271	110	135	139	122	123	162	188	176	218	177	154	184	148	151	169	79	3,706
40-44	924	66	76	44	63	62	100	104	118	146	124	110	120	117	137	122	64	2,497
45-49	571	43	35	35	35	37	33	45	62	55	74	59	73	75	91	75	30	1,428
50-54	260	22	18	25	16	26	34	31	29	34	29	33	31	34	51	32	18	723
55+	248	30	26	22	22	29	29	38	41	24	40	33	38	41	52	48	28	789
Not reported	177	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	181
Total	8,255	658	685	608	584	666	793	863	888	946	967	872	935	886	915	881	465	20,867

*Will include some records of the same individuals which are unmatchable because of differences in the information supplied.
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New HIV diagnoses in North West London

By year of diagnosis, ethnicity and sex, 1995-2011¹

Data to the end of June 2011

Ethnicity		1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Cumulative total
White	Men	425	406	399	330	261	257	320	336	352	396	434	457	503	459	495	444	284	6,558
	Women	36	42	31	24	14	19	27	24	16	28	29	18	24	26	27	30	17	432
Sub total		461	448	430	354	275	276	347	360	368	424	463	475	527	485	522	474	301	6,990
Black-African	Men	56	35	60	64	79	89	126	115	139	126	114	79	89	74	76	64	27	1,412
	Women	54	61	78	87	129	161	185	226	207	186	172	129	108	102	91	86	33	2,095
Sub total²		110	96	138	152	208	250	311	341	346	312	286	208	197	176	167	150	60	3,508
Black-Caribbean		8	12	15	17	18	27	31	42	39	34	37	36	32	45	60	39	10	502
Other/Mixed		59	95	93	82	77	98	86	107	120	154	164	140	164	162	154	170	27	231
Not reported ²		22	7	9	3	6	15	18	13	15	22	17	13	15	18	12	48	29	282
Total²		660	658	685	608	584	666	793	863	888	946	967	872	935	886	915	881	465	13,272

*Will include some records of the same individuals which are unmatchable because of differences in the information supplied.
Numbers will rise as further reports are received, particularly for recent years.*

¹ Ethnicity on HIV diagnoses has been collected since 1995.

² Includes 2 with sex not stated on report.