

North Central 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 Central 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	4,127	405	377	351	366	376	433	471	490	446	442	416	427	458	384	347	146	10,462
	Women	692	114	127	121	151	169	191	209	257	210	233	206	168	188	134	159	54	3,383
Total ¹		4,833	519	504	472	517	545	624	680	747	656	675	622	595	646	518	506	200	13,859
First AIDS diagnoses	Men	1,741	183	114	76	56	75	45	28	26	39	35	24	27	29	12	15	0	2,525
	Women	212	55	42	27	23	26	19	16	27	21	10	19	20	21	14	15	1	568
Total		1,953	238	156	103	79	101	64	44	53	60	45	43	47	50	26	30	1	3,093
Deaths ²	Men	1,235	153	70	43	37	32	30	29	43	35	42	29	48	31	42	33	13	1,945
	Women	109	34	16	9	6	15	15	11	13	14	8	13	12	11	13	15	6	320
Total		1,344	187	86	52	43	47	45	40	56	49	50	42	60	42	55	48	19	2,265

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 Central 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	3,218	318	280	263	251	277	310	338	334	317	294	261	291	267	250	220	38	7,527
Heterosexual contact																		
Men	380	60	64	68	87	82	104	104	127	101	114	102	91	144	86	77	27	1,818
Women	499	87	104	99	132	150	173	191	229	191	214	178	139	160	108	130	35	2,819
Sub total²	882	147	168	167	219	232	277	295	356	292	328	280	230	304	194	207	62	4,640
Injecting drug use																		
Men	183	16	11	12	10	6	6	15	11	11	13	16	20	9	4	6	1	350
Women	116	11	8	7	7	7	8	4	10	3	7	8	10	3	0	4	1	214
Sub total	299	27	19	19	17	13	14	19	21	14	20	24	30	12	4	10	2	564
Mother to infant ³																		
Boys/Men	44	6	15	7	11	7	7	7	7	7	11	4	2	4	3	6	1	149
Girls/Women	43	11	7	14	9	6	7	6	8	8	6	6	2	3	4	7	0	147
Sub total	87	17	22	21	20	13	14	13	15	15	17	10	4	7	7	13	1	296
Recipient of blood/ tissue products ⁴																		
Men	155	0	1	0	2	2	0	4	2	0	1	4	1	1	1	0	0	174
Women	13	2	2	0	1	4	1	2	0	2	1	2	0	2	2	0	0	34
Sub total	168	2	3	0	3	6	1	6	2	2	2	6	1	3	3	0	0	208
Other																		
Men	2	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	5
Women	3	0	0	0	2	0	0	0	1	0	0	1	0	2	2	0	0	11
Sub total	5	0	0	1	3	0	0	0	1	0	0	1	0	2	3	0	0	16
Not reported																		
Men	145	5	6	0	4	2	6	3	9	10	9	29	22	33	39	38	79	439
Women	18	3	6	1	0	2	2	6	9	6	5	11	17	18	18	18	18	158
Sub total²	174	8	12	1	4	4	8	9	18	16	14	40	39	51	57	56	97	608
Total²	4,833	519	504	472	517	545	624	680	747	656	675	622	595	646	518	506	200	13,859

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 119 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 Central 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		554	81	99	59	30	70	86	164	168	173	170	143	187	146	128	107	8	2,373	
	Abroad		532	32	39	16	8	31	25	52	62	56	63	57	64	65	68	50	7	1,227	
	Not reported		2,132	205	142	188	213	176	199	122	104	88	61	61	40	56	54	63	23	3,927	
	Sub total		3,218	318	280	263	251	277	310	338	334	317	294	261	291	267	250	220	38	7,527	
Heterosexual contact	UK	Sex between men	10	0	1	0	0	1	1	3	1	3	0	0	1	1	0	0	0	22	
		Heterosexual contact ^{1 2}	65	9	14	11	16	17	28	25	31	20	39	36	22	35	26	20	6	420	
		Injecting drug use	12	5	2	1	1	2	1	0	4	2	2	1	0	0	0	0	1	0	34
		Other ³	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Not reported	15	1	4	1	4	4	4	4	2	5	4	9	15	11	18	26	24	1	148
	Sub total		102	15	21	13	21	24	34	30	41	29	50	52	34	54	52	45	7	624	
	Possibly UK ⁴		-	-	-	-	-	-	-	25	28	17	22	16	14	11	6	12	9	160	
	Africa	Sex between men	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
		Heterosexual contact ²	45	6	7	9	20	66	88	114	144	157	148	79	56	58	31	34	0	1,062	
		Injecting drug use	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
		Other ³	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Not reported	565	104	112	124	144	111	115	79	81	32	47	69	61	54	50	48	12	1,808	
Sub total		613	112	119	133	164	177	203	194	225	189	195	148	117	112	81	82	12	2,876		
Other world region		124	15	20	13	25	21	29	29	40	32	28	32	28	44	23	29	6	538		
Not reported		43	5	8	8	9	10	11	17	22	25	33	32	37	83	32	39	28	442		
Sub total		882	147	168	167	219	232	277	295	356	292	328	280	230	304	194	207	62	4,640		
Injecting drug use	UK		25	4	1	1	1	2	2	8	9	7	14	11	13	5	1	4	0	108	
	Abroad		75	5	4	4	5	3	3	2	4	1	4	2	6	3	2	3	0	126	
	Not reported		199	18	14	14	11	8	9	9	8	6	2	11	11	4	1	3	2	330	
	Sub total		299	27	19	19	17	13	14	19	21	14	20	24	30	12	4	10	2	564	
Other ³		260	19	25	22	26	19	15	19	18	17	19	17	5	12	13	13	1	520		
Not reported		174	8	12	1	4	4	8	9	18	16	14	40	39	51	57	56	97	608		
Total		4,833	519	504	472	517	545	624	680	747	656	675	622	595	646	518	506	200	13,859		

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 420 heterosexuals infected in the UK from partners who were also heterosexually infected, 54% (227) of these partners were probably infected in Africa and 28% (119) 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 Central 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	120	18	22	22	20	14	15	13	12	14	16	10	3	5	2	3	0	309
15-19	85	3	4	6	0	9	6	11	12	11	15	10	12	13	9	13	2	221
20-24	555	40	43	27	28	43	54	55	52	59	53	45	54	53	45	43	12	1,261
25-29	1,209	131	121	101	98	107	128	113	140	108	111	92	81	103	74	74	24	2,815
30-34	1,096	153	121	129	147	141	165	150	168	153	161	132	115	130	92	91	37	3,181
35-39	693	76	108	96	127	114	123	168	162	135	129	125	123	118	99	84	40	2,520
40-44	488	48	38	44	52	51	66	86	114	87	92	102	95	97	81	90	34	1,665
45-49	234	28	22	19	20	29	31	46	42	47	49	55	55	64	56	56	21	874
50-54	126	12	15	18	9	19	19	26	14	21	23	16	23	34	32	19	17	443
55+	144	8	10	10	16	18	17	12	31	21	26	35	34	29	28	33	13	485
Not reported	83	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
Total	4,833	519	504	472	517	545	624	680	747	656	675	622	595	646	518	506	200	13,859

*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 Central 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	336	300	261	255	240	239	277	305	297	272	264	256	270	280	243	208	43	4,346
	Women	36	23	26	22	22	18	23	25	32	24	34	27	36	25	24	29	6	432
Sub total		372	323	287	277	262	257	300	330	329	296	298	283	306	305	267	237	49	4,778
Black-African	Men	45	46	60	60	77	77	89	87	110	83	92	73	63	75	61	52	13	1,163
	Women	65	75	84	87	113	129	147	150	185	152	169	136	100	122	77	91	27	1,909
Sub total		110	121	144	147	190	206	236	237	295	235	261	209	163	197	138	143	40	3,072
Black-Caribbean		12	15	25	14	21	23	29	42	40	35	36	49	37	29	19	22	7	455
Other/Mixed		38	38	32	30	37	49	42	50	65	66	63	62	69	90	59	67	22	879
Not reported		47	22	16	4	7	10	17	21	18	24	17	19	20	25	35	37	82	421
Total		579	519	504	472	517	545	624	680	747	656	675	622	595	646	518	506	200	9,605

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.