

North East 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 East 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	1,138	136	125	135	161	223	250	198	278	293	297	298	312	285	308	341	142	4,920
	Women	348	59	65	64	116	165	217	193	242	279	284	283	271	276	220	208	86	3,376
Total ¹		1,488	195	191	199	277	388	467	391	520	572	581	581	583	561	528	549	229	8,300
First AIDS diagnoses	Men	595	85	48	38	49	50	28	35	37	46	38	23	27	23	20	19	5	1,166
	Women	98	24	16	14	32	27	18	29	32	43	31	28	18	24	14	10	10	468
Total		693	109	64	52	81	77	46	64	69	89	69	51	45	47	34	29	15	1,634
Deaths ²	Men	424	75	37	23	24	28	18	31	18	33	29	30	29	17	28	29	3	876
	Women	67	16	8	8	10	8	4	6	11	11	11	17	8	11	21	14	6	237
Total		491	91	45	31	34	36	22	37	29	44	40	47	37	28	49	43	9	1,113

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 4 HIV reports of individuals with sex not stated.

² Includes all deaths in HIV diagnosed individuals.

New HIV diagnoses in North East 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	762	84	65	81	94	113	124	81	120	117	143	147	136	138	146	157	40	2,548
Heterosexual contact																		
Men	246	46	45	42	60	97	110	105	139	147	125	126	144	111	106	120	30	1,799
Women	297	57	61	60	110	159	215	188	222	256	263	250	247	246	188	163	57	3,039
Sub total	543	103	106	102	170	256	325	293	361	403	388	376	391	357	294	283	87	4,838
Injecting drug use																		
Men	46	3	4	4	1	5	6	2	9	10	5	8	4	9	11	9	3	139
Women	23	1	1	0	1	1	0	1	4	1	2	9	5	3	6	3	2	63
Sub total	69	4	5	4	2	6	6	3	13	11	7	17	9	12	17	12	5	202
Mother to infant ³																		
Boys/Men	17	2	10	7	3	6	9	7	6	6	5	5	3	3	0	4	3	96
Girls/Women	15	0	3	4	3	2	2	1	8	5	8	8	6	4	7	6	0	82
Sub total²	32	2	14	11	6	8	11	8	14	11	13	13	9	7	7	10	4	180
Recipient of blood/ tissue products ⁴																		
Men	34	1	0	0	1	1	1	2	0	2	0	0	0	1	0	1	0	44
Women	5	1	0	0	1	1	0	0	2	2	1	2	0	1	1	3	0	20
Sub total	39	2	0	0	2	2	1	2	2	4	1	2	0	2	1	4	0	64
Other																		
Men	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	3
Women	5	0	0	0	0	1	0	0	0	1	0	0	1	1	1	0	0	10
Sub total	5	0	0	0	0	1	0	0	0	2	0	0	1	2	2	0	0	13
Not reported																		
Men	33	0	1	1	2	1	0	1	4	10	19	12	25	22	44	50	66	291
Women	3	0	0	0	1	1	0	3	6	14	10	14	12	21	17	33	27	162
Sub total²	38	0	1	1	3	2	0	4	10	24	29	26	37	43	61	83	93	455
Total²	1,488	195	191	199	277	388	467	391	520	572	581	581	583	561	528	549	229	8,300

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 50 men who also reported injecting drug use.

² Includes individuals with sex not reported (4 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 East 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		138	42	20	35	50	70	57	45	56	57	76	80	69	72	89	82	29	1,067
	Abroad		106	9	6	8	19	16	13	7	20	13	22	27	22	24	24	28	5	369
	Not reported		518	33	39	38	25	27	54	29	44	47	45	40	45	42	33	47	6	1,112
	Sub total		762	84	65	81	94	113	124	81	120	117	143	147	136	138	146	157	40	2,548
Heterosexual contact	UK	Sex between men	3	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	7
		Heterosexual contact ^{1 2}	26	4	6	11	13	11	20	24	35	43	48	61	53	62	50	54	19	540
		Injecting drug use	4	0	3	0	0	1	1	0	0	4	1	0	2	2	1	0	1	20
		Other ³	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Not reported	4	0	1	1	3	4	1	2	2	5	7	6	14	9	11	1	1	72
	Sub total		37	5	10	12	16	17	22	26	38	53	56	67	69	73	62	55	21	639
	Possibly UK ⁴		-	-	-	-	-	-	-	27	49	26	32	28	34	19	28	21	8	272
	Africa	Sex between men	1	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	5
		Heterosexual contact ²	39	15	11	13	41	109	122	129	156	206	200	227	161	120	89	90	31	1,759
		Injecting drug use	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2
		Other ³	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Not reported	417	76	75	63	96	102	162	90	78	64	40	8	22	25	26	15	3	1,362
	Sub total		457	91	87	78	137	211	284	219	235	271	241	235	183	146	115	105	34	3,129
Other world region		36	5	9	12	16	26	18	17	34	22	25	25	35	42	39	41	7	409	
Not reported		13	2	0	0	1	2	1	4	5	31	34	21	70	77	50	61	17	389	
Sub total		543	103	106	102	170	256	325	293	361	403	388	376	391	357	294	283	87	4,838	
Injecting drug use	UK		5	0	1	2	1	1	1	1	3	3	3	4	4	5	6	2	0	42
	Abroad		19	3	2	0	1	2	2	0	4	5	1	6	1	5	2	8	2	63
	Not reported		45	1	2	2	0	3	3	2	6	3	3	7	4	2	9	2	3	97
	Sub total		69	4	5	4	2	6	6	3	13	11	7	17	9	12	17	12	5	202
Other ³		76	4	14	11	8	11	12	10	16	17	14	15	10	11	10	14	4	257	
Not reported		38	0	1	1	3	2	0	4	10	24	29	26	37	43	61	83	93	455	
Total		1,488	195	191	199	277	388	467	391	520	572	581	581	583	561	528	549	229	8,300	

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 540 heterosexuals infected in the UK from partners who were also heterosexually infected, 59% (316) of these partners were probably infected in Africa and 19% (101) 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 East 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	33	2	14	11	7	8	11	10	14	11	12	11	8	5	3	6	2	168
15-19	30	1	1	4	1	8	7	7	11	14	14	9	14	11	7	13	3	155
20-24	193	19	9	10	30	34	31	40	40	39	44	43	46	44	38	52	14	726
25-29	368	60	41	45	62	82	89	73	88	112	107	112	91	87	79	79	36	1,611
30-34	363	42	63	58	70	96	133	96	130	129	141	130	114	113	99	97	42	1,916
35-39	236	33	27	31	65	75	99	84	110	98	110	102	106	110	102	76	50	1,514
40-44	105	22	21	26	22	39	48	43	75	84	69	82	81	69	74	84	29	973
45-49	64	9	10	9	7	23	21	18	29	40	39	46	60	57	65	66	27	590
50-54	37	5	4	3	5	8	12	9	13	20	18	29	25	30	28	37	17	300
55+	37	2	1	2	8	15	16	11	10	25	27	17	38	35	33	39	9	325
Not reported	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Total	1,488	195	191	199	277	388	467	391	520	572	581	581	583	561	528	549	229	8,300

*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.*

New HIV diagnoses in North East 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	81	75	71	82	95	102	113	70	104	116	125	141	129	139	139	151	36	1,769
	Women	10	6	2	5	7	7	6	7	14	12	15	18	19	32	26	28	8	222
Sub total		91	81	73	87	102	109	119	77	118	128	140	159	148	171	165	179	44	1,991
Black-African	Men	37	45	40	40	49	85	108	105	122	130	100	100	94	79	72	81	24	1,311
	Women	48	50	58	56	99	145	194	171	195	227	233	219	209	191	144	115	44	2,398
Sub total ²		85	95	98	96	148	230	302	276	317	357	333	319	303	270	216	196	69	3,710
Black-Caribbean		6	2	7	7	12	14	19	16	35	23	29	24	34	29	28	25	6	316
Other/Mixed ²		13	16	13	9	14	32	26	20	46	50	63	71	66	63	64	71	21	658
Not reported		4	1	0	0	1	3	1	2	4	14	16	8	32	28	55	78	89	336
Total ²		199	195	191	199	277	388	467	391	520	572	581	581	583	561	528	549	229	7,011

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.